Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 145 No. 29 July 18, 2017

Vol. 145 No. 29 le 18 juillet 2017

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

Table of Contents
Table des matières

Notices

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

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.*

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

14. Procédures de correspondance

le 20 juin, 2017

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. 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.

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

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 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^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

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

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

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.

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.

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.

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 July 18, 2017 contains applications open to public inspection from July 2, 2017 to July 8, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 18 juillet 2017 contient les demandes disponibles au public pour consultation pour la période du 2 juillet 2017 au 8 juillet 2017.

Canadian Patents Issued

July 18, 2017

Brevets canadiens délivrés

18 juillet 2017

---

[11] **2,511,374**
[13] C
[51] **Int.Cl. D21F 1/10 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **METHOD OF FABRICATION OF A DRYER FABRIC AND A DRYER FABRIC WITH BACKSIDE VENTING FOR IMPROVED SHEET STABILITY**
[54] **PROCEDE DE FABRICATION D'UNE TOILE SECHEUSE A PURGE D'AIR SUR L'ENVERS PERMETTANT D'AMELIORER LA STABILITE DE LA FEUILLE**
[72] TONEY, MARY M., US
[72] PAQUIN, MAURICE, US
[73] ALBANY INTERNATIONAL CORP., US
[85] 2005-06-20
[86] 2003-11-19 (PCT/US2003/036982)
[87] (WO2004/061208)
[30] US (10/334,212) 2002-12-31

---

[11] **2,582,314**
[13] C
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RESOLVING TRANSACTIONS**
[54] **SYSTEME ET PROCEDE DE RESOLUTION DE TRANSACTIONS**
[72] IMREY, CHRISTOPHER G., US
[72] HOUSE, WILLIAM J., III, US
[73] APOLLO ENTERPRISE SOLUTIONS, INC., US
[85] 2007-03-28
[86] 2005-10-19 (PCT/US2005/037949)
[87] (WO2006/045060)
[30] US (60/620,131) 2004-10-19

---

[11] **2,582,696**
[13] C
[51] **Int.Cl. B65D 79/00 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **PRESSURE CONTAINER WITH DIFFERENTIAL VACUUM PANELS**
[54] **RECIPIENT SOUS PRESSION AVEC PANNEAUX DIFFERENTIELS SOUS VIDE**
[72] MELROSE, DAVID MURRAY, NZ
[72] KELLEY, PAUL, US
[72] BYSICK, SCOTT, US
[72] HOWELL, JUSTIN A., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[73] MELROSE, DAVID MURRAY, NZ
[85] 2007-03-30
[86] 2005-09-30 (PCT/US2005/035241)
[87] (WO2006/039523)
[30] NZ (535722) 2004-09-30

---

[11] **2,591,484**
[13] C
[51] **Int.Cl. G01V 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE WATER SATURATION OF AN UNDERGROUND FORMATION**
[54] **PROCEDE DE CARACTERISATION DE FORMATIONS GEOLOGIQUES**
[72] MONTARON, BERNARD, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2007-06-15
[86] 2005-12-01 (PCT/EP2005/013006)
[87] (WO2006/063711)
[30] EP (04293036.2) 2004-12-17

---

[11] **2,592,708**
[13] C
[51] **Int.Cl. G01R 33/02 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01) G01D 5/12 (2006.01) G01D 18/00 (2006.01) G01V 3/08 (2006.01)**
[25] EN
[54] **PROBE FOR ASSESSMENT OF METAL DISTORTION**
[54] **SONDE PERMETTANT D'EVALUER LA DEFORMATION D'UN METAL**
[72] SHALGI, AVI, IL
[72] NITZAN, YA'ACOV, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2592708)
[87] (2592708)
[22] 2007-06-21
[30] US (11/456,645) 2006-07-11

---

[11] **2,594,634**
[13] C
[51] **Int.Cl. G01N 15/10 (2006.01) A61M 1/28 (2006.01)**
[25] EN
[54] **EARLY STAGE PERITONITIS DETECTION APPARATUS AND METHODS**
[54] **APPAREIL ET METHODES DE DETECTION PRECOCE DE PERITONITE**
[72] LANDHERR, FRANK JOSEPH, US
[72] LAN, JAY M., US
[72] JENSEN, LYNN E., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[86] (2594634)
[87] (2594634)
[22] 2007-07-24
[30] US (60/833,763) 2006-07-27

[11] **2,617,190**
[13] C
[51] **Int.Cl. A61J 3/06 (2006.01)**
[25] EN
[54] **DIRECT COATING SOLID DOSAGE FORMS USING POWDERED MATERIALS**
[54] **ENROBAGE DIRECT DE FORMES POSOLOGIQUES SOLIDES EFFECTUE AU MOYEN DE MATERIAUX PULVERULENTS**
[72] ZHU, JINGXU, CA
[72] MA, YING LIANG, CA
[72] LUO, YANFENG, CA
[72] ZHANG, HUI, CA
[73] POWDER PHARMA COATING INC., CA
[85] 2008-01-29
[86] 2006-08-03 (PCT/CA2006/001260)
[87] (WO2007/014464)
[30] US (60/704,906) 2005-08-03

[11] **2,617,216**
[13] C
[51] **Int.Cl. H04B 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MITIGATION OF CROSS CORRELATION IN GPS SYSTEMS**
[54] **APPAREIL ET PROCEDE PERMETTANT D'ATTENUER LES CORRELATIONS CROISEES DANS DES SYSTEMES GPS**
[72] GLENNON, EAMONN P., AU
[72] DEMPSTER, ANDREW G., AU
[73] U-BLOX AG, CH
[85] 2008-01-29
[86] 2006-07-28 (PCT/US2006/030005)
[87] (WO2007/016595)
[30] US (60/703,638) 2005-07-29
[30] US (11/460,692) 2006-07-28

[11] **2,617,637**
[13] C
[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **DIAGNOSIS, TREATMENT, AND PREVENTION OF VASCULAR DISORDERS USING IL-1.ALPHA. AUTOANTIBODIES**
[54] **DIAGNOSTIC, TRAITEMENT ET PREVENTION DE TROUBLES VASCULAIRES AU MOYEN D'AUTO-ANTICORPS DIRIGES CONTRE L'IL-1A**
[72] SIMARD, JOHN, CA
[72] BENDTZEN, KLAUS, DK
[73] XBIOTECH INC., CA
[85] 2008-02-01
[86] 2006-07-26 (PCT/IB2006/002038)
[87] (WO2007/015128)
[30] US (60/704,450) 2005-08-02

[11] **2,619,789**
[13] C
[51] **Int.Cl. B23K 11/31 (2006.01) B23K 11/14 (2006.01)**
[25] EN
[54] **PROJECTION WELDING ELECTRODE WITH REPLACEABLE ELECTRODE ELEMENT**
[54] **ELECTRODE DE SOUDAGE PAR BOSSAGES A ELECTRODE AMOVIBLE**
[72] CHEN, JIAYUAN, CA
[73] CHEN, JIAYUAN, CA
[86] (2619789)
[87] (2619789)
[22] 2008-02-01
[30] US (61/016,527) 2007-12-24

[11] **2,627,642**
[13] C
[51] **Int.Cl. B65D 55/02 (2006.01) B65D 75/22 (2006.01) B65D 77/00 (2006.01) B65D 85/36 (2006.01)**
[25] EN
[54] **PACKAGE INTEGRITY INDICATING CLOSURE**
[54] **FERMETURE INDIQUANT L'INTEGRITE D'UN CONDITIONNEMENT**
[72] COLE, CAROLE A., US
[72] WEBER, JEFFREY THOMAS, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[86] (2627642)
[87] (2627642)
[22] 2008-03-25
[30] US (11/693,751) 2007-03-30

[11] **2,629,786**
[13] C
[51] **Int.Cl. C12N 7/00 (2006.01) A61K 39/23 (2006.01) A61K 48/00 (2006.01) C07K 14/015 (2006.01) C07K 16/08 (2006.01) C12N 15/35 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **HUMAN BOCAVIRUS AND METHODS OF DIAGNOSIS AND TREATMENT**
[54] **BOCAVIRUS HUMAIN ET PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT**
[72] ALLANDER, TOBIAS, SE
[72] ANDERSSON, BJOERN, SE
[73] KAROLINSKA INSTITUTET INNOVATIONS AB, SE
[85] 2008-05-14
[86] 2006-08-16 (PCT/EP2006/008074)
[87] (WO2007/057062)
[30] US (60/737,576) 2005-11-17

[11] **2,630,049**
[13] C
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/21 (2016.01) A23L 2/60 (2006.01) A23L 33/17 (2016.01) C07H 15/256 (2006.01)**
[25] EN
[54] **NATURAL HIGH-POTENCY SWEETENER COMPOSITIONS WITH IMPROVED TEMPORAL PROFILE AND/OR FLAVOR PROFILE, METHODS FOR THEIR FORMULATION, AND USES**
[54] **COMPOSITIONS D'EDULCORANT NATUREL TRES PUISSANT AVEC PROFIL TEMPOREL ET/OU PROFIL DE GOUT AMELIORE, PROCEDES DE PREPARATION ET UTILISATIONS**
[72] PRAKASH, INDRA, US
[72] DUBOIS, GRANT E., US
[72] JELLA, PRASHANTHI, US
[72] KING, GEORGE A., US
[72] SAN MIGUEL, RAFAEL I., US
[72] SEPCIC, KELLY H., US
[72] WEERASINGHE, DEEPTHI K., US
[72] WHITE, NEWTON R., US
[73] THE COCA-COLA COMPANY, US
[85] 2008-05-15
[86] 2006-11-17 (PCT/US2006/044574)
[87] (WO2007/061795)
[30] US (60/739,302) 2005-11-23
[30] US (60/805,209) 2006-06-19
[30] US (60/805,216) 2006-06-19
[30] US (11/556,113) 2006-11-02

[11] **2,634,997**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 43/00 (2006.01) C07K 1/36 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **IMMUNOGLOBULIN G (IGG) CONCENTRATE DEPLETED OF ANTI-A AND ANTI-B ANTIBODIES AND OF POLYREACTIVE IGGS**
[54] **CONCENTRE D'IMMUNOGLOBULINES G (IGG) APPAUVRI EN ANTICORPS ANTI-A ET ANTI-B, ET EN IGG POLYREACTIVES**
[72] CHTOUROU, ABDESSATAR, FR
[72] DHAINAUT, FREDERIC, FR
[72] PAOLANTONACCI, PHILIPPE, FR
[73] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2008-06-25
[86] 2006-12-26 (PCT/FR2006/002889)
[87] (WO2007/077365)
[30] FR (05 13311) 2005-12-26

[11] **2,639,471**
[13] C
[51] **Int.Cl. A47J 37/01 (2006.01) A21B 1/00 (2006.01) A21B 1/26 (2006.01) A21B 5/00 (2006.01) F24B 1/185 (2006.01) F24B 1/22 (2006.01) F24C 1/00 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE BAKE OVEN**
[54] **FOUR DE CUISSON A HAUTE TEMPERATURE**
[72] GUSTAVSEN, WILLARD, US
[73] NORTH ATLANTIC IMPORTS, LLC, US
[86] (2639471)
[87] (2639471)
[22] 2008-09-11
[30] US (60/993,394) 2007-09-12
[30] US (12/044,066) 2008-03-07

[11] **2,643,149**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 92/02 (2009.01) H04L 12/801 (2013.01) H04L 12/28 (2006.01)**
[25] EN
[54] **TRANSMISSION CONTROL FOR WIRELESS COMMUNICATION NETWORKS**
[54] **COMMANDE DE TRANSMISSION POUR RESEAUX DE COMMUNICATIONS SANS FIL**
[72] ABRAHAM, SANTOSH, US
[72] NANDA, SANJIV, US
[72] NANDAGOPALAN, SAISHANKAR, US
[73] QUALCOMM INCORPORATED, US
[85] 2008-08-19
[86] 2007-03-05 (PCT/US2007/063338)
[87] (WO2007/103891)
[30] US (60/778,745) 2006-03-03

[11] **2,644,038**
[13] C
[51] **Int.Cl. G01K 7/16 (2006.01) H02K 11/25 (2016.01) G01R 31/06 (2006.01) H02H 7/06 (2006.01) H02H 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING TEMPERATURE INSIDE ELECTRIC MACHINES**
[54] **SYSTEME ET PROCEDE POUR SURVEILLER LA TEMPERATURE A L'INTERIEUR DE MACHINES ELECTRIQUES**
[72] DOOLEY, KEVIN ALLAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[85] 2008-08-25
[86] 2007-04-26 (PCT/CA2007/000712)
[87] (WO2007/134427)
[30] US (11/419,239) 2006-05-19

[11] **2,645,553**
[13] C
[51] **Int.Cl. G06Q 50/14 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **IMPROVED GLOBAL DISTRIBUTION SYSTEM FOR SEARCHING BEST TRAVEL DEALS**
[54] **SYSTEME MONDIAL DE DISTRIBUTION AMELIORE POUR LA RECHERCHE DES MEILLEURES OFFRES DE VOYAGE**
[72] CHAUMONT, GILLES, FR
[72] DUFRESNES, THIERRY, FR
[72] DOURTHE, CEDRIC, FR
[72] PATOUREAUX, MARC, FR
[73] AMADEUS S.A.S., FR
[85] 2008-09-11
[86] 2007-03-15 (PCT/EP2007/052469)
[87] (WO2007/115895)
[30] EP (06300345.3) 2006-04-07
[30] US (60/790,780) 2006-04-11

[11] **2,646,059**
[13] C
[51] **Int.Cl. H04N 21/23 (2011.01) H04W 4/00 (2009.01) H04B 7/00 (2006.01) H04N 7/035 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSMISSION OF DATA BETWEEN A CENTRAL RADIO STATION AND AT LEAST ONE TRANSMITTER**
[54] **METHODE ET SYSTEME DE TRANSMISSION DE DONNEES ENTRE UNE STATION RADIO CENTRALE ET UN TRANSMETTEUR AU MINIMUM**
[72] HAGEMEIER, DENIS, DE
[73] ROHDE & SCHWARZ GMBH & CO. KG, DE
[86] (2646059)
[87] (2646059)
[22] 2008-12-10
[30] DE (10 2007 059 959.7) 2007-12-12

[11] **2,652,257**
[13] C
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 21/80 (2013.01)**
[25] EN
[54] **COPY LIMITATION MANAGEMENT DEVICE AND METHOD, AND CONTENT STORAGE DEVICE**
[54] **DISPOSITIF ET METHODE DE GESTION DE RESTRICTION DE COPIE**
[72] KURIHARA, SHINICHI, JP
[72] WADA, SUNAO, JP
[72] OOYA, YASUO, JP
[72] HIROSHIMA, JUNJI, JP
[72] ABE, TAKAFUMI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[86] (2652257)
[87] (2652257)
[22] 2009-02-02
[30] JP (2008-041866) 2008-02-22

[11] **2,655,073**
[13] C
[51] **Int.Cl. H04W 12/04 (2009.01) H04W 8/18 (2009.01) H04W 12/10 (2009.01) H04L 9/30 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR USE IN OBTAINING A DIGITAL CERTIFICATE FOR A MOBILE COMMUNICATION DEVICE**
[54] **METHODES ET APPAREILLAGE PERMETTANT D'OBTENIR UN CERTIFICAT NUMERIQUE POUR DISPOSITIF DE COMMUNICATION MOBILE**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] ADAMS, NEIL PATRICK, CA
[72] SHIH, SAM CHENG-FU, CA
[73] BLACKBERRY LIMITED, CA
[86] (2655073)
[87] (2655073)
[22] 2009-02-23
[30] EP (08152166.8) 2008-02-29

[11] **2,658,305**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) A61K 31/7088 (2006.01) A61K 39/00 (2006.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) C07H 21/00 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C07K 16/44 (2006.01) C07K 17/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/15 (2006.01)**
[25] EN
[54] **TRANSCRIPTION INFIDELITY, DETECTION AND USES THEREOF**
[54] **INFIDELITE DE TRANSCRIPTION, DETECTION ET UTILISATIONS DE CELLE-CI**
[72] BIHAIN, BERNARD, FR
[73] TRANSMEDI SA, FR
[85] 2009-01-19
[86] 2007-07-20 (PCT/EP2007/057541)
[87] (WO2008/009751)
[30] EP (06291176.3) 2006-07-20

[11] **2,660,164**
[13] C
[51] **Int.Cl. A45D 40/06 (2006.01) A61K 8/02 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT COMPOSITIONS AND METHODS FOR MAKING SAME**
[54] **COMPOSITIONS ANTITRANSPIRATION ET LEURS PROCEDES DE FABRICATION**
[72] WALLING, DAVID WILLIAM, US
[72] HENLEY, ERIC SHANE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-02-06
[86] 2007-09-07 (PCT/IB2007/053615)
[87] (WO2008/029375)
[30] US (11/518,104) 2006-09-08

[11] **2,660,249**
[13] C
[51] **Int.Cl. G01V 1/38 (2006.01) A01M 29/16 (2011.01) G01V 1/22 (2006.01)**
[25] EN
[54] **SYSTEM FOR ACQUIRING SEISMIC DATA IN A MARINE ENVIRONMENT, USING SEISMIC STREAMERS COUPLED TO MEANS OF DETECTING AND/OR LOCATING MARINE MAMMALS**
[54] **SYSTEME DE SAISIE DE DONNEES SISMIQUES EN MILIEU MARIN AU MOYEN DE FLUTES SISMIQUES ACCOUPLEES A DES DISPOSITIFS DE DETECTION ET/OU DE LOCALISATION DE MAMMIFERES MARINS**
[72] AYELA, GERARD, FR
[72] COATELAN, STEPHANE, FR
[73] SERCEL, FR
[86] (2660249)
[87] (2660249)
[22] 2009-03-25
[30] FR (08/01814) 2008-04-02

---

[11] **2,660,814**
[13] C
[51] **Int.Cl. C07C 219/10 (2006.01) A61K 31/165 (2006.01) A61P 29/00 (2006.01) C07D 209/88 (2006.01) C07D 263/32 (2006.01) C07D 333/24 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **POSITIVELY CHARGED WATER-SOLUBLE PRODRUGS OF ARYL- AND HETEROARYLPROPIONIC ACIDS WITH VERY FAST SKIN PENETRATION RATE**
[54] **PROMEDICAMENTS HYDROSOLUBLES CHARGES POSITIVEMENT CONTENANT DES ACIDES ARYL- ET HETEROARYLPROPIONIQUES ET DOTES D'UNE TRES GRANDE VITESSE DE PENETRATION CUTANEE**
[72] YU, CHONGXI, US
[72] XU, LINA, CN
[73] TECHFIELDS BIOCHEM CO. LTD, CN
[73] YU, CHONGXI, US
[85] 2009-02-13
[86] 2006-08-15 (PCT/IB2006/052815)
[87] (WO2008/020270)

---

[11] **2,662,437**
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01) H04H 20/53 (2009.01) G01D 4/02 (2006.01) G01F 15/06 (2006.01) G01R 22/00 (2006.01) G08C 17/02 (2006.01) H04L 12/24 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **HOME AREA NETWORKING (HAN) WITH LOW POWER CONSIDERATIONS FOR BATTERY DEVICES**
[54] **MISE EN RESEAU LOCAL (HAN) A FAIBLES CONSIDERATIONS DE PUISSANCE POUR DISPOSITIFS DE BATTERIES**
[72] GARRISON STUBER, MICHAEL T., US
[72] BUFFINGTON, JOHN E., US
[73] ITRON, INC., US
[85] 2009-03-04
[86] 2007-09-07 (PCT/US2007/019598)
[87] (WO2008/033282)
[30] US (60/845,060) 2006-09-15
[30] US (11/899,612) 2007-09-06

---

[11] **2,667,406**
[13] C
[51] **Int.Cl. G06Q 10/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **AIRLINE TICKET CHANGE CONSTRAINER**
[54] **DISPOSITIF DE CONTRAINTE POUR L'ECHANGE DE BILLET D'AVION**
[72] BERTHAUD, SEBASTIEN, FR
[72] DUFRESNES, THIERRY, FR
[72] PREZET, HERVE, FR
[72] OTMANI, JEAN-PAUL, FR
[72] SULTANI, FRAIDOUN, FR
[73] AMADEUS S.A.S., FR
[85] 2009-04-23
[86] 2007-11-09 (PCT/EP2007/062129)
[87] (WO2008/058908)
[30] US (11/599,380) 2006-11-15
[30] US (11/855,406) 2007-09-14

---

[11] **2,669,373**
[13] C
[51] **Int.Cl. A22C 13/00 (2006.01)**
[25] EN
[54] **STABILIZED LONGLIFE NON-EDIBLE COLLAGEN CASING READY-TO-STUFF**
[54] **ENVELOPPES A BASE DE COLLAGENE, NON COMESTIBLES, DE LONGUE DUREE ET STABILISEES, PRETES A L'EMPLOI**
[72] GARCIA MARTINEZ, ION INAKI, ES
[72] ARRARAS, JOSE ANGEL, ES
[72] KNORTZER, ERNST, DE
[73] NATURIN GMBH & CO., DE
[86] (2669373)
[87] (2669373)
[22] 2009-06-17
[30] EP (08159800.5) 2008-07-07

---

[11] **2,669,473**
[13] C
[51] **Int.Cl. G11B 27/10 (2006.01) H04H 60/39 (2009.01) H04H 60/46 (2009.01) H04N 21/458 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **AUTOMATICAL UPDATE OF THE PLAYLISTS OF AN INTERACTIVE PROGRAM GUIDE EPG; GROUPING EPISODES OF TV SERIES ACCORDING TO USER PARAMETERS**
[54] **MISE A JOUR AUTOMATIQUE DES LISTES DE LECTURE D'UN GUIDE DE PROGRAMME INTERACTIF DE TYPE EPG; REGROUPEMENT DES EPISODES D'UNE SERIE TELEVISEE EN FONCTION DES PARAMETRES DE L'UTILISATEUR**
[72] RADLOFF, JON P., US
[72] ELLIS, MICHAEL D., US
[72] KNEE, ROBERT, US
[72] CRANER, MICHAEL, US
[72] BERRY, JOSHUA, US
[73] ROVI GUIDES, INC., US
[85] 2009-05-07
[86] 2007-11-09 (PCT/US2007/023682)
[87] (WO2008/060486)
[30] US (11/595,240) 2006-11-10
[30] US (11/595,225) 2006-11-10

[11] **2,676,035**
[13] C
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 10/02 (2006.01) A61K 49/00 (2006.01) A61L 29/18 (2006.01)**
[25] EN
[54] **BIOPSY MARKER DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MARQUEUR DE BIOPSIE**
[72] NOCK, ANDREW P., US
[72] RAMOS, RAMON, US
[73] DEVICOR MEDICAL PRODUCTS, INC., US
[86] (2676035)
[87] (2676035)
[22] 2009-08-20
[30] US (12/196,301) 2008-08-22

---

[11] **2,678,285**
[13] C
[51] **Int.Cl. A61B 10/00 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **METHOD, MATERIALS AND APPARATUS FOR INVESTIGATING ASTHMA USING DUST MITE ALLERGEN**
[54] **PROCEDE, MATERIAUX ET APPAREIL D'ETUDE DE L'ASTHME A L'AIDE D'UN ALLERGENE D'ACARIENS**
[72] PATEL, PIYUSH RANCHODBHAI, CA
[72] SALAPATEK, ANNE MARIE, CA
[73] HILL TOP RESEARCH INCORPORATED, US
[85] 2009-10-01
[86] 2007-06-07 (PCT/CA2007/000996)
[87] (WO2007/140601)
[30] US (11/450,786) 2006-06-09

---

[11] **2,683,411**
[13] C
[51] **Int.Cl. G01R 33/30 (2006.01) G01R 33/32 (2006.01) G01R 33/46 (2006.01) G01R 33/54 (2006.01)**
[25] EN
[54] **MAGNETIC RESONANCE IMAGING APPARATUS AND METHOD**
[54] **APPAREIL D'IMAGERIE A RESONANCE MAGNETIQUE ET METHODE**
[72] BALCOM, BRUCE J., CA
[72] GREEN, DERRICK, CA
[72] HAN, HUI, CA
[73] UNIVERSITY OF NEW BRUNSWICK, CA
[86] (2683411)
[87] (2683411)
[22] 2009-10-23
[30] US (61/238,554) 2009-08-31

---

[11] **2,684,342**
[13] C
[51] **Int.Cl. A61K 31/4166 (2006.01) A61K 31/539 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **USE OF FUNGICIDES FOR THE TREATMENT OF FISH MYCOSES**
[54] **UTILISATION DE FONGICIDES POUR TRAITER DES MYCOSES DU POISSON**
[72] HAEUSER-HAHN, ISOLDE, DE
[72] STENZEL, KLAUS, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2009-10-16
[86] 2008-04-08 (PCT/EP2008/002758)
[87] (WO2008/128640)
[30] EP (07106656.7) 2007-04-20

---

[11] **2,686,461**
[13] C
[51] **Int.Cl. G01S 7/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING TRIGGER TIMING**
[54] **SYSTEMES ET PROCEDES FOURNISSANT UNE SYNCHRONISATION DE DECLENCHEMENT**
[72] WILENS, DAVID, US
[72] HIBBARD, MARK, US
[72] CUMMINGS, WILLIAM, US
[73] CHEMRING SENSORS AND ELECTRONIC SYSTEMS, INC., US
[85] 2009-11-04
[86] 2008-05-22 (PCT/US2008/064552)
[87] (WO2008/147895)
[30] US (11/754,136) 2007-05-25

---

[11] **2,686,916**
[13] C
[51] **Int.Cl. D21H 11/14 (2006.01) D21C 5/02 (2006.01) D21H 17/01 (2006.01) D21H 21/00 (2006.01)**
[25] EN
[54] **PAPER BASED ON RECYCLED PAPERS AND PROCESS FOR PRODUCING THEREOF**
[54] **PAPIER A BASE DE PAPIERS RECYCLES ET PROCEDE DE FABRICATION CONNEXE**
[72] DUARTE VILLA, EDUARDO, MX
[72] PEREGRINA GOMEZ, JOSE TRINIDAD, MX
[73] COPAMEX, S.A. DE C.V., MX
[86] (2686916)
[87] (2686916)
[22] 2009-12-03
[30] MX (MX/A/2008/016581) 2008-12-19

[11] **2,687,607**
[13] C
[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/27 (2011.01) H04N 21/278 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERSONALIZING AN INTERACTIVE MEDIA GUIDANCE APPLICATION**
[54] **SYSTEMES ET PROCEDES DE PERSONNALISATION D'UNE APPLICATION DE GUIDE MULTIMEDIA INTERACTIVE**
[72] ARCHER, KUAN HIDALGO, US
[72] OLAGUE, CRAIG ALAN, US
[72] STRADER, CHRISTOPHER, US
[73] ROVI GUIDES, INC., US
[85] 2009-11-18
[86] 2008-05-19 (PCT/US2008/006471)
[87] (WO2008/153700)
[30] US (11/809,341) 2007-05-31

[11] **2,687,999**
[13] C
[51] **Int.Cl. B62D 55/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONVERTING A WHEELED VEHICLE TO A TRACKED VEHICLE**
[54] **DISPOSITIF DE CONVERSION DE VEHICULE SUR ROUES EN VEHICULE A CHENILLES**
[72] HANSEN, RONALD S., US
[73] VERMEER MANUFACTURING COMPANY, US
[86] (2687999)
[87] (2687999)
[22] 2009-12-04
[30] US (12/330,689) 2008-12-09

[11] **2,689,454**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/08 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **IMPROVED VENTILATOR APPARATUS**
[54] **APPAREIL VENTILATEUR AMELIORE**
[72] KROUPA, KEVIN D., US
[73] ALLIED HEALTHCARE PRODUCTS, INC., US
[85] 2009-12-02
[86] 2008-06-04 (PCT/US2008/007003)
[87] (WO2008/153867)
[30] US (11/810,214) 2007-06-05

[11] **2,690,615**
[13] C
[51] **Int.Cl. G01N 21/55 (2014.01) F24F 11/00 (2006.01) F24F 13/00 (2006.01) G01N 5/02 (2006.01) G01N 21/47 (2006.01) G01N 21/59 (2006.01)**
[25] EN
[54] **DUCT GREASE DEPOSIT DETECTION DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS DE DETECTION DE DEPOT DE GRAISSE DANS UNE CANALISATION, SYSTEMES ET PROCEDES**
[72] LIVCHAK, ANDREY V., US
[72] SCHROCK, DEREK W., US
[73] OY HALTON GROUP LTD., FI
[85] 2009-12-11
[86] 2008-06-13 (PCT/US2008/067000)
[87] (WO2008/157418)
[30] US (60/943,626) 2007-06-13

[11] **2,690,659**
[13] C
[51] **Int.Cl. G01N 27/00 (2006.01) G01N 33/483 (2006.01) G01N 30/02 (2006.01)**
[25] EN
[54] **MASS SPECTROMETRY METHOD FOR MEASURING VITAMIN B6 IN BODY FLUID**
[54] **PROCEDE DE SPECTROMETRIE DE MASSE POUR LA MESURE DE LA VITAMINE B6 DANS UN FLUIDE CORPOREL**
[72] JIANG, QIBO, US
[72] CHAN, SUM, US
[72] REITZ, RICHARD E., US
[73] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[85] 2009-12-14
[86] 2008-06-11 (PCT/US2008/066609)
[87] (WO2008/157188)
[30] US (11/763,380) 2007-06-14

[11] **2,691,763**
[13] C
[51] **Int.Cl. B01J 23/80 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 37/03 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A COBALT-ZINC OXIDE FISCHER-TROPSCH CATALYST**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR DE FISCHER-TROPSCH A BASE D'OXYDE DE COBALT-ZINC**
[72] BAYENSE, CORNELIS ROELAND, NL
[73] BASF CATALYSTS LLC, US
[85] 2009-12-16
[86] 2008-06-18 (PCT/NL2008/050393)
[87] (WO2008/156358)
[30] EP (07110555.5) 2007-06-19

[11] **2,693,894**
[13] C
[51] **Int.Cl. H01M 8/2432 (2016.01) H01M 4/92 (2006.01)**
[25] EN
[54] **CELL MATERIALS VARIATION IN SOFC STACKS TO ADDRESS THERMAL GRADIENTS IN ALL PLANES**
[54] **MODIFICATION DE MATERIAUX DE PILES DANS DES EMPILEMENTS DE PILES A COMBUSTIBLE A OXYDE SOLIDE DESTINEE A ADRESSER LES GRADIENTS THERMIQUES SUR TOUS LES NIVEAUX**
[72] WOOD, ANTHONY, CA
[72] TANG, ZHENG, CA
[73] VERSA POWER SYSTEMS, LTD, CA
[85] 2010-01-15
[86] 2008-07-01 (PCT/EP2008/058414)
[87] (WO2009/010384)
[30] US (11/879,388) 2007-07-17

[11] **2,695,334**
[13] C
[51] **Int.Cl. B29C 45/14 (2006.01) B29D 22/00 (2006.01)**
[25] EN
[54] **AN OXYGEN BARRIER MOLDED CONTAINER AND METHOD FOR PRODUCTION THEREOF**
[54] **CONTENANT MOULE IMPERMEABLE A L'OXYGENE ET METHODE DE REALISATION CONNEXE**
[72] LEVESQUE, RODRICK, CA
[72] FILLION, MICHEL, CA
[72] MERCIER, STEPHANE, CA
[73] IPL, INC., CA
[86] (2695334)
[87] (2695334)
[22] 2010-03-04
[30] US (61/158,604) 2009-03-09
[30] US (61/230,238) 2009-07-31

---

[11] **2,695,508**
[13] C
[51] **Int.Cl. A61N 1/16 (2006.01) A61N 1/37 (2006.01) A61N 1/375 (2006.01) A61N 1/39 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC INTERFERENCE SHIELDING IN AN IMPLANTABLE MEDICAL DEVICE**
[54] **BLINDAGE ANTI-INTERFERENCES ELECTROMAGNETIQUES POUR DISPOSITIF MEDICAL IMPLANTABLE**
[72] FONTE, TIMOTHY A., US
[73] CAMERON HEALTH, INC., US
[85] 2010-02-03
[86] 2008-08-01 (PCT/US2008/071972)
[87] (WO2009/020871)
[30] US (11/833,987) 2007-08-04

---

[11] **2,695,758**
[13] C
[51] **Int.Cl. G01V 3/20 (2006.01)**
[25] EN
[54] **METHOD FOR QUANTIFYING RESISTIVITY AND HYDROCARBON SATURATION IN THIN BED FORMATIONS**
[54] **PROCEDE DE QUANTIFICATION DE LA RESISTIVITE ET DE LA SATURATION EN HYDROCARBURES DE FORMATIONS EN COUCHE MINCE**
[72] ALLEN, DAVID F., US
[72] BORDAKOV, GEORGIY, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-02-05
[86] 2008-07-25 (PCT/US2008/071109)
[87] (WO2009/023420)
[30] US (11/836,269) 2007-08-09

---

[11] **2,696,432**
[13] C
[51] **Int.Cl. F16K 37/00 (2006.01) F16K 31/12 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO ARBITRATE VALVE POSITION SENSOR REDUNDANCY**
[54] **METHODE ET DISPOSITIF PERMETTANT DE DETERMINER LA REDONDANCE DES CAPTEURS DE POSITION DE SOUPAPES**
[72] SWEENEY, THOMAS, US
[72] SHAW, SCOTT, US
[72] FRANCINO, PETER NICHOLAS, US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[86] (2696432)
[87] (2696432)
[22] 2010-03-11
[30] US (12/403,048) 2009-03-12

---

[11] **2,698,201**
[13] C
[51] **Int.Cl. F16K 3/314 (2006.01) F16K 3/02 (2006.01) F16K 3/312 (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] (2698201)
[87] (2698201)
[22] 2010-03-31
[30] CH (00540/09) 2009-04-02

---

[11] **2,699,819**
[13] C
[51] **Int.Cl. G06F 9/06 (2006.01) G06F 9/50 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANAGING A COST-CONSTRAINED RESOURCE**
[54] **SYSTEME DE GESTION D'UNE RESSOURCE LIMITE PAR SON COUT**
[72] JENKINS, TIM, CA
[72] CARDAMORE, DAN, CA
[73] 2236008 ONTARIO INC., CA
[86] (2699819)
[87] (2699819)
[22] 2010-04-13
[30] US (12/424856) 2009-04-16

---

[11] **2,700,837**
[13] C
[51] **Int.Cl. G01V 3/12 (2006.01) H04B 7/00 (2006.01)**
[25] EN
[54] **RFID NETWORK CONTROL AND REDUNDANCY**
[54] **COMMANDE DE RESEAU RFID ET REDONDANCE**
[72] CAMPERO, RICHARD, US
[72] RAYNESFORD, STEVEN, US
[72] TRIVELPIECE, CRAIG, US
[72] TRIVELPIECE, STEVE, US
[73] TYCO FIRE & SECURITY GMBH, CH
[85] 2010-03-30
[86] 2008-12-22 (PCT/US2008/088048)
[87] (WO2009/082742)
[30] US (61/016,413) 2007-12-21

[11] **2,701,047**
[13] C
[51] **Int.Cl. C07K 16/12 (2006.01) A61K 39/395 (2006.01) A61P 31/04 (2006.01) C12N 15/13 (2006.01) G01N 33/569 (2006.01)**
[25] FR
[54] **ANTIBODY AGAINST ANTHRAX TOXINS**
[54] **ANTICORPS CONTRE LES TOXINES DU CHARBON**
[72] THULLIER, PHILIPPE, FR
[73] ETAT FRANCAIS REPRESENTE PAR LE DELEGUE GENERAL POUR L'ARMEMENT, FR
[85] 2010-03-26
[86] 2008-09-26 (PCT/FR2008/051726)
[87] (WO2009/050388)
[30] FR (07 06744) 2007-09-26

[11] **2,702,031**
[13] C
[51] **Int.Cl. C08G 18/10 (2006.01) C07C 17/08 (2006.01) C08G 18/40 (2006.01) C08J 9/04 (2006.01)**
[25] EN
[54] **STABILIZATION OF POLYURETHANE FOAM POLYOL PREMIXES CONTAINING HALOGENATED OLEFIN BLOWING AGENTS**
[54] **STABILISATION DE PREMELANGES A BASE DE POLYOL POUR MOUSSE DE POLYURETHANE CONTENANT DES AGENTS GONFLANTS A BASE D'OLEFINE HALOGENEE**
[72] WILLIAMS, DAVID J., US
[72] VANDERPUY, MICHAEL, US
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2010-04-08
[86] 2008-10-06 (PCT/US2008/078887)
[87] (WO2009/048826)
[30] US (60/979,427) 2007-10-12
[30] US (12/241,534) 2008-09-30

[11] **2,702,332**
[13] C
[51] **Int.Cl. F22B 37/18 (2006.01) F22D 11/00 (2006.01)**
[25] EN
[54] **FEEDWATER DEBRIS TRAP**
[54] **CREPINE DE RETENUE DE DEBRIS D'EAU D'ALIMENTATION**
[72] KLARNER, RICHARD G., CA
[73] BABCOCK & WILCOX CANADA LTD., CA
[86] (2702332)
[87] (2702332)
[22] 2010-04-28
[30] US (12/432,653) 2009-04-29

[11] **2,702,385**
[13] C
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR HEMODIALYSIS**
[54] **APPAREIL ET PROCEDES D'HEMODIALYSE**
[72] KAMEN, DEAN, US
[72] GRANT, KEVIN L., US
[72] DEMERS, JASON A., US
[72] DALE, JAMES D., US
[72] COLLINS, DAVID E., US
[72] WILT, MICHAEL J., US
[72] PRESCOTT, SHANNON, US
[72] MARCEK, GEOFFREY A., US
[72] BODWELL, JESSE T., US
[72] CHAWAN, ARUN D., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2010-04-12
[86] 2008-10-10 (PCT/US2008/011663)
[87] (WO2009/051669)
[30] US (11/871,793) 2007-10-12
[30] US (11/871,787) 2007-10-12
[30] US (11/871,680) 2007-10-12
[30] US (11/871,712) 2007-10-12
[30] US (12/038,648) 2008-02-27
[30] US (12/038,474) 2008-02-27
[30] US (12/199,196) 2008-08-27
[30] US (12/198,947) 2008-08-27
[30] US (12/199,077) 2008-08-27
[30] US (12/199,068) 2008-08-27
[30] US (12/199,055) 2008-08-27
[30] US (12/199,062) 2008-08-27
[30] US (12/199,166) 2008-08-27
[30] US (12/199,176) 2008-08-27

[11] **2,702,520**
[13] C
[51] **Int.Cl. B05B 1/06 (2006.01)**
[25] EN
[54] **NOZZLE ASSEMBLY FOR SPRINKLER**
[54] **EMBOUT POUR ARROSEUR**
[72] LO, SHUN-NAN, TW
[73] YUAN-MEI CORP., TW
[86] (2702520)
[87] (2702520)
[22] 2010-05-03

[11] **2,703,109**
[13] C
[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/222 (2006.01) A61K 31/4174 (2006.01) A61K 31/498 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PURPURA**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DU PURPURA**
[72] SHANLER, STUART D., US
[72] ONDO, ANDREW, US
[73] ALLERGAN, INC., US
[85] 2010-04-19
[86] 2008-11-17 (PCT/US2008/083774)
[87] (WO2009/065116)
[30] US (60/988,564) 2007-11-16

[11] **2,704,485**
[13] C
[51] **Int.Cl. H04L 12/951 (2013.01) H04N 19/65 (2014.01) H04L 1/22 (2006.01)**
[25] EN
[54] **CODE ENHANCED STAGGERCASTING**
[54] **DIFFUSION ECHELONNEE AMELIOREE PAR CODAGE**
[72] CITTA, RICHARD W., US
[73] THOMSON LICENSING, FR
[85] 2010-04-30
[86] 2008-11-14 (PCT/US2008/012795)
[87] (WO2009/064468)
[30] US (61/003,041) 2007-11-14
[30] US (61/002,977) 2007-11-14

[11] **2,705,293**
[13] C
[51] **Int.Cl. G01N 21/64 (2006.01) D21H 21/30 (2006.01) G01B 11/06 (2006.01) G01N 21/86 (2006.01) G01N 33/34 (2006.01)**
[25] EN
[54] **FLUOROMETRIC METHOD FOR MONITORING SURFACE ADDITIVES IN A PAPERMAKING PROCESS**
[54] **PROCEDE FLUOROMETRIQUE DE SUIVI DES ADDITIFS DE SURFACE DANS LE CADRE D'UN PROCESSUS DE FABRICATION DE PAPIER**
[72] THOMAS, JAMES L., US
[72] CLOT, OLIVIER, US
[72] BANKS, RODNEY H., US
[73] NALCO COMPANY, US
[85] 2010-05-07
[86] 2008-11-14 (PCT/US2008/083472)
[87] (WO2009/067382)
[30] US (11/942,065) 2007-11-19

---

[11] **2,705,421**
[13] C
[51] **Int.Cl. C07D 319/12 (2006.01) C08G 63/08 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCION OF CYCLIC DIESTERS OF L-, D- AND D,L-LACTIC ACIDS**
[54] **PROCEDE DE PRODUCTION DE DIESTERS CYCLIQUES DES ACIDES L-, D- ET D,L-LACTIQUES**
[72] RAFLER, GERALD, DE
[72] RAFLER, JUTTA, DE
[72] WINDSPERGER, ANDREAS, AT
[72] EDLAUER, ROBERT, AT
[72] GASS, JOSEF, AT
[73] JUNGBUNZLAUER AUSTRIA AG, AT
[85] 2010-05-11
[86] 2008-11-14 (PCT/AT2008/000413)
[87] (WO2009/062224)
[30] AT (A 1838/2007) 2007-11-14

---

[11] **2,706,387**
[13] C
[51] **Int.Cl. G01N 25/20 (2006.01) G01N 27/416 (2006.01) H01M 8/04537 (2016.01)**
[25] EN
[54] **ELECTRIC-FIELD ENHANCED PERFORMANCE IN CATALYSIS AND SOLID-STATE DEVICES INVOLVING GASES**
[54] **PERFORMANCE ACCRUE PAR UN CHAMP ELECTRIQUE DANS LA CATALYSE ET DISPOSITIFS A SEMI-CONDUCTEUR METTANT EN JEU DES GAZ**
[72] BLACKBURN, BRYAN, M., US
[72] WACHSMAN, ERIC D., US
[72] VAN ASSCHE, IV, FREDERICK MARTIN, US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2010-05-19
[86] 2008-12-12 (PCT/US2008/086693)
[87] (WO2009/076644)
[30] US (61/013,287) 2007-12-12

---

[11] **2,708,740**
[13] C
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/42 (2006.01) C07K 16/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) C12Q 1/70 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **HEPATITIS C VIRUS ANTIBODIES**
[54] **ANTICORPS CONTRE LE VIRUS DE L'HEPATITE C**
[72] MATTHEWS, DAVID J., GB
[72] WILLIAMS, DAVID G., GB
[72] PATEL, ARVIND, GB
[73] MEDICAL RESEARCH COUNCIL TECHNOLOGY, GB
[85] 2010-06-09
[86] 2008-12-17 (PCT/IB2008/003952)
[87] (WO2009/081285)
[30] US (61/006,066) 2007-12-17

---

[11] **2,709,191**
[13] C
[51] **Int.Cl. A01N 59/00 (2006.01) A01G 7/06 (2006.01) A01N 25/04 (2006.01) A01N 55/10 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PROTECTIVE LAYER FOR PLANTS AND TREES, THE PRODUCTION THEREOF AND USE THEREOF**
[54] **COUCHE DE PROTECTION POUR PLANTES ET ARBRES, FABRICATION ET UTILISATION**
[72] SCHWINDT, SASCHA, DE
[73] STIFTUNG NANO INNOVATIONS, CH
[85] 2010-06-11
[86] 2008-10-29 (PCT/DE2008/001753)
[87] (WO2009/074124)
[30] DE (10 2007 060 320.9) 2007-12-12

---

[11] **2,709,364**
[13] C
[51] **Int.Cl. H04L 12/813 (2013.01) H04L 12/823 (2013.01) H04L 12/851 (2013.01) H04L 12/859 (2013.01)**
[25] EN
[54] **DESTINATION BASED METHODOLOGY FOR MANAGING NETWORK RESOURCES**
[54] **METHODOLOGIE ARTICULEE AUTOUR DE LA ZONE DE DESTINATION POUR GERER LES RESSOURCES RESEAU**
[72] DA SILVA, RON, US
[72] HUANG, SHAN, US
[72] KELSEN, MICHAEL S., US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
[86] (2709364)
[87] (2709364)
[22] 2010-07-08
[30] US (12/500,751) 2009-07-10

[11] **2,709,386**
[13] C
[51] **Int.Cl. A41D 27/28 (2006.01) A41D 1/06 (2006.01) A41D 1/08 (2006.01) A41D 13/02 (2006.01) A41D 13/05 (2006.01) A41D 13/06 (2006.01) A41D 15/00 (2006.01)**
[25] EN
[54] **VENTILATED TROUSERS**
[54] **PANTALONS AERES**
[72] SILVER, JAMES, CA
[73] M47I INC., CA
[86] (2709386)
[87] (2709386)
[22] 2003-04-30
[62] 2,427,256
[30] US (10/231,069) 2002-08-30

---

[11] **2,710,618**
[13] C
[51] **Int.Cl. C07C 231/12 (2006.01) C07C 237/46 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **SYNTHESIS OF IODIXANOL IN METHANOL**
[54] **SYNTHESE D'IODIXANOL DANS LE METHANOL**
[72] JOHNSEN, HANNE JORUNN H., NO
[72] HOLMAAS, LARS TERJE, NO
[72] HOMESTAD, OLE MAGNE, NO
[73] GE HEALTHCARE AS, NO
[86] (2710618)
[87] (2710618)
[22] 2010-07-20
[30] US (61/227,095) 2009-07-21
[30] US (12/621,551) 2009-11-19

---

[11] **2,711,902**
[13] C
[51] **Int.Cl. A61K 38/20 (2006.01) A61K 39/395 (2006.01) A61K 39/44 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **COMBINATION OF AN ANTI-EDB FIBRONECTIN ANTIBODY-IL-2 FUSION PROTEIN, AND A MOLECULE BINDING TO B CELLS, B CELL PROGENITORS AND/OR THEIR CANCEROUS COUNTERPART**
[54] **ASSOCIATION D'UNE PROTEINE DE FUSION IL-2-ANTICORPS ANTI-EDB DE FIBRONECTINE, ET D'UNE MOLECULE SE LIANT AUX LYMPHOCYTES B, AUX CELLULES PROGENITRICES DES LYMPHOCYTES B ET/OU LEUR CONTREPARTIE CANCEREUSE**
[72] NERI, DARIO, CH
[72] MENSSEN, HANS DIETRICH, DE
[72] MENRAD, ANDREAS, GB
[72] SCHLIEMANN, CHRISTOPH, CH
[73] PHILOGEN S.P.A., IT
[85] 2010-07-07
[86] 2008-11-08 (PCT/EP2008/009441)
[87] (WO2009/089858)
[30] EP (08075044.1) 2008-01-17

---

[11] **2,712,004**
[13] C
[51] **Int.Cl. B60N 2/04 (2006.01) B60N 2/20 (2006.01) B60N 2/30 (2006.01)**
[25] EN
[54] **SECOND ROW FRONT TUMBLE HOOK PROTECTION**
[54] **PROTECTION PAR CROCHET VIS-A-VIS D'UN BASCULEMENT VERS L'AVANT POUR SECONDE RANGEE**
[72] CARROLL, JEFFREY P., US
[72] ZEIMIS, PETER PAUL, III, US
[72] MCLAUGHLIN, MATTHEW J., US
[73] MAGNA SEATING INC., CA
[85] 2010-07-09
[86] 2009-03-16 (PCT/CA2009/000330)
[87] (WO2009/114938)
[30] US (61/038,074) 2008-03-20

---

[11] **2,712,288**
[13] C
[51] **Int.Cl. F16B 12/14 (2006.01) F16B 12/20 (2006.01) F16B 12/30 (2006.01) F16B 12/32 (2006.01)**
[25] EN
[54] **A CONNECTOR ASSEMBLY**
[54] **ENSEMBLE DE LIAISON**
[72] AJANOVIC, ALOSMAN, AU
[73] BOSETH PTY LTD, AU
[85] 2010-07-29
[86] 2009-01-30 (PCT/AU2009/000107)
[87] (WO2009/094720)
[30] AU (2008200436) 2008-01-30

---

[11] **2,713,059**
[13] C
[51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **ENDOSTITCH PACKAGES**
[54] **TROUSSES POUR ENDOSTITCH**
[72] KIRSCH, DAVID, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2713059)
[87] (2713059)
[22] 2010-08-12
[30] US (12/544,779) 2009-08-20

---

[11] **2,713,375**
[13] C
[51] **Int.Cl. G01T 1/00 (2006.01) A61N 5/10 (2006.01) G01T 1/29 (2006.01) G01T 1/10 (2006.01)**
[25] EN
[54] **FLUENCE MONITORING DEVICES WITH SCINTILLATING FIBERS FOR X-RAY RADIOTHERAPY TREATMENT AND METHODS FOR CALIBRATION AND VALIDATION OF SAME**
[54] **DISPOSITIFS DE SURVEILLANCE DE FLUENCE DE PARTICULES A FIBRES OPTIQUES SCINTILLANTES POUR TRAITEMENTS DE RADIOTHERAPIE PAR RAYONS X, ET PROCEDES D'ETALONNAGE ET DE VALIDATION CONNEXES**
[72] BEAULIEU, LUC, CA
[72] GINGRAS, LUC, CA
[72] GOULET, MATHIEU, CA
[73] UNIVERSITE LAVAL, CA
[86] (2713375)
[87] (2713375)
[22] 2010-08-19

[11] **2,714,496**
[13] C
[51] **Int.Cl. G05D 15/01 (2006.01) F03G 7/06 (2006.01) G01L 1/22 (2006.01) G01L 1/26 (2006.01) H05B 1/02 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **FEEDBACK CONTROL FOR SHAPE MEMORY ALLOY ACTUATORS**
[54] **COMMANDE A RETROACTION POUR ACTIONNEURS EN ALLIAGE A MEMOIRE DE FORME**
[72] JIANG, XIN XIANG, CA
[72] NIKANPOUR, DARIUS, CA
[73] CANADIAN SPACE AGENCY, CA
[85] 2010-08-17
[86] 2009-02-20 (PCT/CA2009/000199)
[87] (WO2009/103159)
[30] US (61/064,213) 2008-02-21

---

[11] **2,714,711**
[13] C
[51] **Int.Cl. B27G 15/00 (2006.01) B23B 51/00 (2006.01)**
[25] EN
[54] **WOOD BORING BIT**
[54] **MECHE A BOIS**
[72] EVATT, THOMAS, US
[73] TECHTRONIC POWER TOOLS TECHNOLOGY LIMITED, VG
[86] (2714711)
[87] (2714711)
[22] 2010-09-10
[30] US (61/241,333) 2009-09-10

---

[11] **2,715,412**
[13] C
[51] **Int.Cl. G01G 19/44 (2006.01) H04L 12/70 (2013.01) H04B 7/24 (2006.01) H04L 12/58 (2006.01) G01G 23/36 (2006.01) G01G 23/42 (2006.01) G07F 17/04 (2006.01)**
[25] EN
[54] **ELECTRONIC WEIGHING SYSTEM**
[54] **APPAREIL DE PESAGE ELECTRONIQUE**
[72] FORSHAW, MICHAEL E., US
[72] LAWRENCE, KENNETH G., US
[72] FABBRO, JAMES R., US
[73] OVS, INC., US
[86] (2715412)
[87] (2715412)
[22] 2010-09-22
[30] US (61/320,659) 2010-04-02

---

[11] **2,715,752**
[13] C
[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **SINGLE-PASS, DOUBLE-SHOOT OPENER FOR AN AGRICULTURAL IMPLEMENT**
[54] **DOUBLE DISQUE OUVRANT DEUX SILLONS EN UN SEUL PASSAGE POUR UN INSTRUMENT AGRICOLE**
[72] SCHILLING, ROBIN B., CA
[72] NAYLOR, MATTHEW S., CA
[72] CHAHLEY, DENNIS W., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2715752)
[87] (2715752)
[22] 2010-09-24
[30] US (12/730,783) 2010-03-24

---

[11] **2,716,736**
[13] C
[51] **Int.Cl. H04M 3/00 (2006.01) H04M 3/428 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ELIMINATING HOLD-TIME IN PHONE CALLS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SUPPRIMER LA DUREE DE MISE EN ATTENTE LORS D'APPELS TELEPHONIQUES**
[72] BERGER, SHAI, CA
[72] BIGUE, JASON P., CA
[72] PULTZ, MICHAEL, CA
[73] FONCLOUD, INC., CA
[85] 2010-08-23
[86] 2009-03-03 (PCT/US2009/035812)
[87] (WO2009/111432)
[30] US (61/033,856) 2008-03-05

---

[11] **2,717,002**
[13] C
[51] **Int.Cl. A47J 31/32 (2006.01) A47J 31/00 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PREPARING A LIQUID EXTRACT FROM A CELL USING CENTRIFUGAL FORCES**
[54] **PROCEDE ET SYSTEME POUR PREPARER UN EXTRAIT LIQUIDE A PARTIR D'UNE CELLULE EN UTILISANT DES FORCES CENTRIFUGES**
[72] COLANTONIO, JEAN-LUC, CH
[72] BONACCI, ENZO, CH
[72] DENISART, JEAN-PAUL, CH
[72] YOAKIM, ALFRED, CH
[72] RYSER, ANTOINE, CH
[73] NESTEC S.A., CH
[85] 2010-08-27
[86] 2009-02-27 (PCT/EP2009/052327)
[87] (WO2009/106598)
[30] EP (08102149.5) 2008-02-29
[30] EP (08170559.2) 2008-12-03

---

[11] **2,717,722**
[13] C
[51] **Int.Cl. A61M 37/00 (2006.01) A61L 31/04 (2006.01) A61L 31/10 (2006.01)**
[25] EN
[54] **PREVENTION OF PREMATURE GELLING OF DELIVERY DEVICES FOR PH DEPENDENT FORMING MATERIALS**
[54] **PREVENTION DE LA GELIFICATION PREMATUREE DE DISPOSITIFS DE DISTRIBUTION POUR DES MATIERES DONT LA FORMATION DEPEND DU PH**
[72] OHRI, RACHIT, US
[72] BLASKOVICH, PHILLIP, US
[73] CONFLUENT SURGICAL, INC., US
[86] (2717722)
[87] (2717722)
[22] 2010-10-15
[30] US (61/252,268) 2009-10-16
[30] US (12/724,448) 2010-03-16

[11] **2,717,934**
[13] C
[51] **Int.Cl. C07C 213/08 (2006.01) A61K 31/137 (2006.01) A61P 37/06 (2006.01) C07C 215/28 (2006.01) C07C 233/18 (2006.01) C07C 233/47 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2-AMINO-2- [2-(4-C3-C21-ALKYL-PHENYL)ETHYL] PROPANE-1,3-DIOLS**
[54] **PROCEDE POUR LA PREPARATION DE 2-AMINO-2-[2-(4-C3-C21-ALKYL-PHENYL)ETHL] PROPANE-1,3-DIOLS**
[72] SEDELMEIER, GOTTFRIED, DE
[73] NOVARTIS AG, CH
[85] 2010-09-08
[86] 2009-03-17 (PCT/EP2009/053163)
[87] (WO2009/115534)
[30] EP (08153033.9) 2008-03-19

[11] **2,719,088**
[13] C
[51] **Int.Cl. E04C 2/24 (2006.01) E04C 2/26 (2006.01) E04C 2/30 (2006.01)**
[25] EN
[54] **WALLBOARD MATERIALS INCORPORATING A MICROPARTICLE MATRIX**
[54] **MATERIAUX DE PANNEAU MURAL INCORPORANT UNE MATRICE DE MICROPARTICULES**
[72] KIPP, MICHAEL D., US
[72] PUGH, DILWORTH L., US
[72] RIDGES, MICHAEL D., US
[72] MCCARVILL, WILLIAM T., US
[73] ASHTECH INDUSTRIES, L.L.C., US
[85] 2010-09-20
[86] 2008-09-25 (PCT/US2008/077759)
[87] (WO2009/117021)
[30] US (12/077,951) 2008-03-21
[30] US (61/081,949) 2008-07-18

[11] **2,719,438**
[13] C
[51] **Int.Cl. B32B 37/12 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STRETCHING SEGMENTED STRETCHABLE FILM AND APPLICATION OF THE SEGMENTED FILM TO A MOVING WEB**
[54] **METHODE ET EQUIPEMENT D'ETIRAGE DE FILM ETIRABLE SEGMENTE, ET APPLICATION DU FILM SEGMENTE A UNE BANDE EN MOUVEMENT**
[72] MCCABE, JOHN A., US
[73] CURT G. JOA, INC., US
[86] (2719438)
[87] (2719438)
[22] 2010-10-27
[30] US (61/279,938) 2009-10-28

[11] **2,719,773**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGING COACTION AND OUTPUT SYSTEM WITH CURRENT LIMIT SUPPLY**
[54] **SYSTEME A COACTION ET DE SORTIE DE CHARGE DE BATTERIE AVEC ALIMENTATION A LIMITE DE COURANT**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, TW
[86] (2719773)
[87] (2719773)
[22] 2010-11-02
[30] US (12/591,025) 2009-11-05

[11] **2,719,993**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/138 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE WITH CAPTIVE ANVIL**
[54] **DISPOSITIF D'AGRAFAGE CHIRURGICAL AVEC ENCLUME CAPTIVE**
[72] NICHOLAS, DAVID A., US
[72] DATCUK, PETER, US
[72] WHITMAN, MICHAEL P., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2719993)
[87] (2719993)
[22] 2010-11-04
[30] US (12/622,862) 2009-11-20

[11] **2,720,184**
[13] C
[51] **Int.Cl. G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PREDICTIVE MARKER FOR TOPOISOMERASE I INHIBITORS**
[54] **MARQUEUR PREDICTIF DES INHIBITEURS DE TOPOISOMERASE I**
[72] BHARTI, AJIT, US
[73] BOSTON MEDICAL CENTER CORPORATION, US
[85] 2010-09-30
[86] 2009-03-31 (PCT/US2009/038981)
[87] (WO2009/124064)
[30] US (61/072,490) 2008-03-31

[11] **2,722,851**
[13] C
[51] **Int.Cl. H04N 21/436 (2011.01) H04N 21/41 (2011.01) H04N 21/472 (2011.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **TOUCH SENSITIVE VIDEO SIGNAL DISPLAY FOR A PROGRAMMABLE MULTIMEDIA CONTROLLER**
[54] **AFFICHEUR TACTILE A SIGNAL VIDEO POUR CONTROLEUR MULTIMEDIA PROGRAMMABLE**
[72] BONCZEK, BRYAN S., US
[72] SILVA, MICHAEL C., US
[72] MADONNA, ROBERT P., US
[73] SAVANT SYSTEMS LLC, US
[85] 2010-10-26
[86] 2009-05-01 (PCT/US2009/002690)
[87] (WO2009/134423)
[30] US (61/126,311) 2008-05-02

---

[11] **2,724,016**
[13] C
[51] **Int.Cl. B65H 29/22 (2006.01) B41F 13/54 (2006.01) B41J 11/00 (2006.01) B65H 29/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SHINGLE STACKING OF TICKETS IN A TICKET PRINTER**
[54] **PROCEDES ET APPAREILS POUR EMPILER LES TICKETS EN LOTS CHEVAUCHANTS DANS UN IMPRIMEUR DE TICKETS**
[72] SUPRON, STEVEN ANDREW, US
[72] HARRIS, BRUCE, US
[73] TRANSACT TECHNOLOGIES INCORPORATED, US
[86] (2724016)
[87] (2724016)
[22] 2010-12-06
[30] US (12/653,624) 2009-12-15

---

[11] **2,724,129**
[13] C
[51] **Int.Cl. A61M 39/00 (2006.01)**
[25] EN
[54] **RADIALLY COMPRESSIBLE BLOOD CONTROL VALVE**
[54] **VALVE DE REGULATION DU SANG A COMPRESSION RADIALE**
[72] HARDING, WESTON F., US
[72] MCKINNON, AUSTIN JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2010-11-10
[86] 2009-03-12 (PCT/US2009/036998)
[87] (WO2009/142800)
[30] US (12/123,259) 2008-05-19

---

[11] **2,724,869**
[13] C
[51] **Int.Cl. H04N 13/04 (2006.01) G11B 20/10 (2006.01) H04N 5/85 (2006.01) H04N 5/93 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATION, PROCEDE DE TRAITEMENT D'INFORMATION ET PROGRAMME CORRESPONDANT**
[72] KOBAYASHI, YOSHIYUKI, JP
[73] SONY CORPORATION, JP
[85] 2010-11-18
[86] 2010-03-24 (PCT/JP2010/055135)
[87] (WO2010/113731)
[30] JP (2009-091163) 2009-04-03
[30] JP (2010-046028) 2010-03-03

---

[11] **2,725,060**
[13] C
[51] **Int.Cl. F16L 21/02 (2006.01) F16L 21/08 (2006.01) F16L 47/00 (2006.01)**
[25] EN
[54] **FITTING FOR A PIPE**
[54] **RACCORD DE TUYAU**
[72] ALTMANN, MAIK, DE
[72] DITTMAR, RAINER, DE
[72] SAVOLAINEN, MIKA, FI
[73] UPONOR INNOVATION AB, SE
[86] (2725060)
[87] (2725060)
[22] 2010-12-13
[30] DE (202009016975.8) 2009-12-16

---

[11] **2,725,366**
[13] C
[51] **Int.Cl. B01J 12/00 (2006.01) C01B 33/107 (2006.01)**
[25] EN
[54] **HALOGENATED POLYSILANE AND THERMAL PROCESS FOR PRODUCING THE SAME**
[54] **POLYSILANE HALOGENE ET SON PROCEDE THERMIQUE DE PRODUCTION**
[72] BAUCH, CHRISTIAN, DE
[72] HOLL, SVEN, DE
[72] MOHSSENI-ALA, SEYED-JAVAD, DE
[72] DELTSCHEW, RUMEN, DE
[72] LIPPOLD, GERD, DE
[72] AUNER, NORBERT, DE
[73] NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, IN
[85] 2010-11-23
[86] 2009-05-27 (PCT/DE2009/000727)
[87] (WO2009/143824)
[30] DE (10 2008 025 260.3) 2008-05-27

---

[11] **2,725,967**
[13] C
[51] **Int.Cl. B03D 1/08 (2006.01) B03D 1/10 (2006.01) B03D 1/12 (2006.01)**
[25] EN
[54] **ODOUR CONTROL**
[54] **CONTROLE D'ODEUR**
[72] DU PLESSIS, CHRIS, AU
[72] SENIOR, GEOFFERY DAVID, AU
[73] BHP BILLITON SSM DEVELOPMENT PTY LTD, AU
[85] 2010-11-26
[86] 2009-04-06 (PCT/AU2009/000415)
[87] (WO2009/121147)
[30] AU (2008901625) 2008-04-04
[30] AU (2008902401) 2008-05-15

---

[11] **2,726,079**
[13] C
[51] **Int.Cl. F16K 31/06 (2006.01) G05D 16/20 (2006.01)**
[25] EN
[54] **SOLENOID VALVE**
[54] **ROBINET ELECTROMAGNETIQUE**
[72] HO, THANH, US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2010-11-26
[86] 2009-05-12 (PCT/US2009/043559)
[87] (WO2009/151853)
[30] US (12/135,664) 2008-06-09

[11] **2,726,564**
[13] C
[51] **Int.Cl. B32B 37/00 (2006.01) A61F 13/49 (2006.01) A61F 13/539 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING ABSORBENT ARTICLE WITH STRETCH FILM SIDE PANEL AND APPLICATION OF INTERMITTENT DISCRETE COMPONENTS OF AN ABSORBENT ARTICLE**
[54] **APPAREIL ET METHODE DE PRODUCTION D'UN ARTICLE ABSORBANT A L'AIDE D'UN PANNEAU LATERAL CONSTITUE D'UN FILM ETIRABLE ET L'APPLICATION DE COMPOSANTS ET L'APPLICATION INTERMITTENTE DE COMPOSANTS DISCONTINUS D'UN ARTICLE ABSOORBANT**
[72] MCCABE, JOHN, US
[73] CURT G. JOA, INC., US
[86] (2726564)
[87] (2726564)
[22] 2010-12-29
[30] US (61/335,018) 2009-12-30

---

[11] **2,726,735**
[13] C
[51] **Int.Cl. E04C 5/06 (2006.01) E04B 2/10 (2006.01) E04B 2/24 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **MASONRY BRACKET, SYSTEM AND CONSTRUCTION METHOD**
[54] **EQUERRE DE MACONNERIE, SYSTEME ET PROCEDE DE CONSTRUCTION**
[72] CLEAR, LIAM, GB
[72] CORBETT, HAMISH, GB
[73] WEMBLEY INNOVATION LTD., GB
[85] 2010-12-02
[86] 2009-06-02 (PCT/GB2009/050603)
[87] (WO2009/147427)
[30] GB (0810219.6) 2008-06-04

---

[11] **2,727,037**
[13] C
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTICAL TOMOGRAPHY FEEDBACK CONTROL OF DOSIMETRY FOR PHOTODYNAMIC THERAPY (PDT)**
[54] **SYSTEME ET PROCEDE POUR COMMANDE DE RETROACTION DE TOMOGRAPHIE OPTIQUE DE DOSIMETRIE POUR UNE THERAPIE PHOTODYNAMIQUE (PDT)**
[72] SWARTLING, JOHANNES, SE
[72] AXELSSON, JOHAN, SE
[73] SPECTRACURE AB, SE
[85] 2010-12-06
[86] 2008-06-11 (PCT/EP2008/057333)
[87] (WO2008/152076)
[30] US (60/943,235) 2007-06-11

---

[11] **2,727,248**
[13] C
[51] **Int.Cl. A41D 13/02 (2006.01) A47G 25/90 (2006.01)**
[25] FR
[54] **OVERALLS FOR CLEANROOM AND THE LIKE**
[54] **COMBINAISON POUR SALLE BLANCHE ET ANALOGUE**
[72] VANNESTE, VINCENT, BE
[73] SCALDIS ST-MARTIN, BE
[85] 2010-12-07
[86] 2009-06-12 (PCT/EP2009/057268)
[87] (WO2009/150217)
[30] BE (2008/0326) 2008-06-13

---

[11] **2,728,399**
[13] C
[51] **Int.Cl. C08J 3/20 (2006.01) B29C 47/00 (2006.01) C08K 7/00 (2006.01)**
[25] EN
[54] **STRUCTURALLY ENHANCED PLASTICS WITH FILLER REINFORCEMENTS**
[54] **PLASTIQUE RENFORCE STRUCTURELLEMENT AVEC DES RENFORTS DE CHARGE**
[72] JOHNSON, WILLIAM L., SR., US
[73] ECOPURO, US
[85] 2010-12-17
[86] 2009-05-26 (PCT/US2009/045180)
[87] (WO2009/132361)

---

[11] **2,728,416**
[13] C
[51] **Int.Cl. E05B 65/08 (2006.01) E05C 1/10 (2006.01) E05C 7/00 (2006.01) E05B 15/00 (2006.01) E05B 17/00 (2006.01) E05B 19/06 (2006.01) E05B 43/00 (2006.01)**
[25] EN
[54] **SASH WINDOW RESTRICTOR**
[54] **RESTRICTEUR DE FENETRE A GUILLOTINE**
[72] DERHAM, MICHAEL, GB
[73] MIGHTON PRODUCTS LIMITED, GB
[85] 2010-12-17
[86] 2009-06-19 (PCT/GB2009/001526)
[87] (WO2009/153562)
[30] GB (0811324.3) 2008-06-19
[30] GB (0817136.5) 2008-09-18
[30] GB (0817137.3) 2008-09-18

---

[11] **2,728,438**
[13] C
[51] **Int.Cl. B29B 7/48 (2006.01)**
[25] EN
[54] **WORM ELEMENTS WITH AN IMPROVED DISPERSING EFFECT AND LOW POWER INPUT**
[54] **ELEMENTS DE VIS SANS FIN A EFFET DISPERSANT AMELIORE ET A APPORT D'ENERGIE REDUIT**
[72] BIERDEL, MICHAEL, DE
[72] KOENIG, THOMAS, DE
[72] LIESENFELDER, ULRICH, DE
[73] COVESTRO DEUTSCHLAND AG, DE
[85] 2010-12-17
[86] 2009-06-06 (PCT/EP2009/004083)
[87] (WO2009/152968)
[30] DE (10 2008 029 303.2) 2008-06-20

---

[11] **2,729,042**
[13] C
[51] **Int.Cl. B62K 19/42 (2006.01) B60C 23/10 (2006.01)**
[25] EN
[54] **DEVICE FOR STORING AIR**
[54] **DISPOSITIF D'ACCUMULATION D'AIR**
[72] HAAGER, ALEXANDER, AT
[73] HAAGER, ALEXANDER, AT
[85] 2010-12-22
[86] 2009-06-24 (PCT/AT2009/000253)
[87] (WO2009/155628)
[30] AT (A 1027/2008) 2008-06-27

[11] **2,729,150**
[13] C
[51] **Int.Cl. G02B 6/036 (2006.01) H01S 3/067 (2006.01)**
[25] EN
[54] **FIBER STRUCTURE AND A METHOD FOR DISCRIMINATING HIGH ORDER MODES IN THE FIBER STRUCTURE**
[54] **STRUCTURE DE FIBRE ET PROCEDE DE DISCRIMINATION DE MODES D'ORDRE SUPERIEUR DANS LA STRUCTURE DE FIBRE**
[72] HOTOLEANU, MIRCEA, FI
[72] VOICULESCU, EMIL, RO
[72] GHETE, BOGDAN, RO
[73] NLIGHT OY, FI
[85] 2010-12-22
[86] 2009-06-29 (PCT/FI2009/050586)
[87] (WO2010/000936)
[30] US (12/164,264) 2008-06-30

[11] **2,729,674**
[13] C
[51] **Int.Cl. H04B 10/80 (2013.01) H04B 10/27 (2013.01) H04L 12/707 (2013.01)**
[25] EN
[54] **LINK DIVERSITY AND LOAD BALANCING ACROSS DIGITAL AND OPTICAL EXPRESS-THRU NODES**
[54] **DIVERSITE DE LIENS ET EQUILIBRAGE DE CHARGE SUR DES NOEUDS NUMERIQUES ETDES NOEUDS OPTIQUES A TRANSFERT EXPRESS**
[72] KUNJIDHAPATHAM, ASHOK, IN
[72] MISRA, MOHIT, IN
[72] KU, BIAO, US
[73] INFINERA CORPORATION, US
[85] 2010-12-29
[86] 2009-06-30 (PCT/US2009/049294)
[87] (WO2010/002915)
[30] US (12/165,502) 2008-06-30

[11] **2,730,013**
[13] C
[51] **Int.Cl. H01H 29/28 (2006.01) B63C 9/20 (2006.01) F21L 4/00 (2006.01) F21V 23/04 (2006.01) G08B 3/10 (2006.01) G08B 5/38 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY PROTECTED SWITCH FOR WATER ACTIVATED DEVICES**
[54] **INTERRUPTEUR PROTEGE DE L'ENVIRONNEMENT POUR DISPOSITIFS HYDRAULIQUES**
[72] FORD, TIMOTHY D.F., CA
[73] 9609385 CANADA INC., CA
[85] 2011-01-06
[86] 2009-07-09 (PCT/CA2009/000964)
[87] (WO2010/003246)
[30] US (61/079,211) 2008-07-09

[11] **2,731,793**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **REAL-TIME PATHOLOGY**
[54] **PATHOLOGIE EN TEMPS REEL**
[72] MARK, JOSEPH L., US
[72] MILLER, MICHAEL E., US
[73] NICO CORPORATION, US
[85] 2011-01-21
[86] 2009-06-30 (PCT/US2009/049264)
[87] (WO2010/039316)
[30] US (12/241,644) 2008-09-30

[11] **2,732,648**
[13] C
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/86 (2006.01) A61B 17/88 (2006.01) A61B 17/90 (2006.01)**
[25] EN
[54] **INTERNAL JOINT STABILIZER DEVICE, SYSTEM AND METHOD OF USE**
[54] **DISPOSITIF STABILISATEUR D'ARTICULATION INTERNE, SYSTEME ET PROCEDE D'UTILISATION**
[72] ORBAY, JORGE L., US
[72] NORMAN, THOMAS H., US
[72] ESPINOSA, ALEX, US
[72] DE QUEVEDO, WILLIAM GARCIA, US
[72] SALCEDO, JUAN, US
[73] SKELETAL DYNAMICS, LLC, US
[85] 2011-01-31
[86] 2009-08-03 (PCT/US2009/052584)
[87] (WO2010/014987)
[30] US (61/085,651) 2008-08-01
[30] US (61/094,228) 2008-09-04
[30] US (61/100,138) 2008-09-25
[30] US (61/139,274) 2008-12-19
[30] US (61/163,693) 2009-03-26

[11] **2,732,869**
[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/06 (2012.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01) H04B 1/59 (2006.01) H04B 5/02 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND COMPUTER READABLE MEDIA FOR STORING AND REDEEMING ELECTRONIC CERTIFICATES USING A WIRELESS SMART CARD**
[54] **PROCEDES, SYSTEMES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR STOCKER ET ECHANGER DES CERTIFICATS ELECTRONIQUES A L'AIDE D'UNE CARTE A PUCE SANS FIL**
[72] VIJAYSHANKAR, ROSHAN, US
[72] LIU, MING-LI, US
[72] GUDIHALA, SRIDHAR, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2011-02-01
[86] 2009-08-03 (PCT/US2009/052618)
[87] (WO2010/015005)
[30] US (12/184,847) 2008-08-01

[11] **2,733,263**
[13] C
[51] **Int.Cl. G02B 1/16 (2015.01) C03C 17/42 (2006.01) C08J 7/04 (2006.01) G02B 1/04 (2006.01) G02C 7/02 (2006.01)**
[25] FR
[54] **OPTICAL ARTICLE THAT INCLUDES AN ANTISTATIC LAYER LIMITING THE PERCEPTION OF INTERFERENCE FRINGES, HAVING EXCELLENT LIGHT TRANSMISSION, AND METHOD OF MANUFACTURING IT**
[54] **ARTICLE D'OPTIQUE COMPORTANT UNE COUCHE ANTISTATIQUE LIMITANT LA PERCEPTION DES FRANGES D'INTERFERENCE, PRESENTANT UNE EXCELLENTE TRANSMISSION LUMINEUSE ET SON PROCEDE DE FABRICATION**
[72] COUE, PEGGY, FR
[72] FEUILLADE, MATHIEU, FR
[72] WIPF, ELODIE, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2011-02-04
[86] 2009-08-04 (PCT/FR2009/051557)
[87] (WO2010/015780)
[30] FR (0855401) 2008-08-04

[11] **2,734,024**
[13] C
[51] **Int.Cl. A01K 91/06 (2006.01) A01K 97/01 (2006.01)**
[25] EN
[54] **RIG FOR FISHING**
[54] **AGRES DE PECHE**
[72] BLAIS, DANIEL, CA
[73] BLAIS, DANIEL, CA
[86] (2734024)
[87] (2734024)
[22] 2011-03-08

[11] **2,734,175**
[13] C
[51] **Int.Cl. H04B 5/02 (2006.01) H04W 12/00 (2009.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER READABLE MEDIA FOR PROVIDING FOR SECURE OFFLINE DATA TRANSFER BETWEEN WIRELESS SMART DEVICES**
[54] **SYSTEMES, PROCEDES ET SUPPORT APTE A ETRE LU PAR ORDINATEUR POUR FOURNIR UN TRANSFERT DE DONNEES HORS LIGNE SECURISE ENTRE DES DISPOSITIFS INTELLIGENTS SANS FIL**
[72] MARTIN, PHILIPPE, US
[72] LIU, MING-LI, US
[72] VIJAYSHANKAR, ROSHAN, US
[72] KUMAR, PRADEEP, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2011-02-11
[86] 2009-08-12 (PCT/US2009/053554)
[87] (WO2010/019668)
[30] US (12/190,558) 2008-08-12

[11] **2,734,720**
[13] C
[51] **Int.Cl. C07C 69/675 (2006.01) A61K 31/22 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **HYDROXYBUTYRATE ESTER AND MEDICAL USE THEREOF**
[54] **ESTER HYDROXYBUTYRIQUE ET SON UTILISATION MEDICALE**
[72] CLARKE, KIERAN, GB
[72] VEECH, RICHARD LEWIS, US
[73] GOVERNMENT OF THE USA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[73] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2011-02-18
[86] 2009-04-16 (PCT/US2009/040766)
[87] (WO2010/021766)
[30] US (61/090,751) 2008-08-21

[11] **2,735,061**
[13] C
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **AN IMPROVED WATER RECOVERY SYSTEM SAGD SYSTEM UTILIZING A FLASH DRUM**
[54] **SYSTEME DE RECUPERATION D'EAU AMELIORE, ET SYSTEME DGAV UTILISANT UN BALLON DE DETENTE**
[72] JAMES, KENNETH, CA
[73] INSITE TECHNOLOGIES LTD., CA
[86] (2735061)
[87] (2735061)
[22] 2011-03-29
[30] US (61/376,300) 2010-08-24

[11] **2,738,089**
[13] C
[51] **Int.Cl. C07D 489/12 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE HYDROGENATION OF OPIATE ALKALOID DERIVATIVES**
[54] **PROCEDES D'HYDROGENATION DE DERIVES ALCALOIDES OPIACES**
[72] MANNINO, ANTHONY, US
[72] ZDRODOWSKI, JAMES, US
[73] MALLINCKRODT LLC, US
[85] 2011-03-22
[86] 2009-09-29 (PCT/US2009/005357)
[87] (WO2010/039210)
[30] US (61/194,779) 2008-09-30

[11] **2,738,233**
[13] C
[51] **Int.Cl. A61B 1/31 (2006.01) A61B 1/303 (2006.01)**
[25] EN
[54] **A DEVICE FOR SURGICAL OPERATIONS ON A PROLAPSE**
[54] **DISPOSITIF POUR INTERVENTIONS CHIRURGICALES SUR UN PROLAPSUS**
[72] BASTIA, FILIPPO, IT
[73] THD S.P.A., IT
[85] 2011-03-23
[86] 2008-10-06 (PCT/IT2008/000633)
[87] (WO2010/041280)

[11] **2,739,655**
[13] C
[51] **Int.Cl. A61M 1/02 (2006.01) A61J 1/10 (2006.01) A61M 5/168 (2006.01) A61M 39/08 (2006.01) A61M 39/22 (2006.01) B21D 41/00 (2006.01)**
[25] EN
[54] **DEVICE FOR OPENING A LINE**
[54] **DISPOSITIF POUR OUVRIR UNE LIGNE**
[72] MEISBERGER, ARTUR, DE
[72] MICHEL, LARS, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2011-04-05
[86] 2009-10-07 (PCT/EP2009/007203)
[87] (WO2010/040521)
[30] DE (10 2008 051 163.3) 2008-10-10

---

[11] **2,740,382**
[13] C
[51] **Int.Cl. A21D 10/00 (2006.01)**
[25] EN
[54] **FORMULA AND PROCESS FOR PRODUCING GLUTEN-FREE BAKERY PRODUCTS**
[54] **FORMULE ET PROCEDE DE PRODUCTION DE PRODUITS DE BOULANGERIE SANS GLUTEN**
[72] PALAV, TRUPTI, US
[72] BHATIA, SACHIN, US
[72] PERKS, CHERYL, CA
[73] RICH PRODUCTS CORPORATION, US
[85] 2011-04-13
[86] 2009-11-10 (PCT/US2009/006038)
[87] (WO2010/053579)
[30] US (61/113,003) 2008-11-10

---

[11] **2,740,449**
[13] C
[51] **Int.Cl. C02F 1/02 (2006.01) B01D 1/28 (2006.01) B01D 5/00 (2006.01) C02F 1/72 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SOLAR-BASED TREATMENT OF INDUSTRIAL WASTE WATER**
[54] **APPAREIL ET METHODE DE TRAITEMENT SOLAIRE D'EAUX USEES INDUSTRIELLES**
[72] ELGAT, ZVI, IL
[73] ELCON RECYCLING CENTER (2003) LTD., IL
[85] 2011-04-12
[86] 2009-11-16 (PCT/IL2009/001078)
[87] (WO2010/055520)
[30] US (61/115,118) 2008-11-17

---

[11] **2,741,002**
[13] C
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/00 (2006.01) A61B 17/3207 (2006.01) A61B 17/34 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **TISSUE REMOVAL DEVICE WITH ADJUSTABLE FLUID SUPPLY SLEEVE FOR NEUROSURGICAL AND SPINAL SURGERY APPLICATIONS**
[54] **DISPOSITIF D'ABLATION DE TISSU AVEC MANCHON D'ALIMENTATION EN FLUIDE AJUSTABLE POUR APPLICATIONS EN NEUROCHIRURGIE ET EN CHIRURGIE RACHIDIENNE**
[72] MARK, JOSEPH L., US
[73] NICO CORPORATION, US
[85] 2011-04-15
[86] 2009-12-16 (PCT/US2009/068225)
[87] (WO2010/077931)
[30] US (12/336,054) 2008-12-16
[30] US (12/475,258) 2009-05-29

---

[11] **2,741,734**
[13] C
[51] **Int.Cl. A61B 1/04 (2006.01) A61B 1/05 (2006.01)**
[25] EN
[54] **ENDOSCOPIC LED LIGHT SOURCE HAVING A FEEDBACK CONTROL SYSTEM**
[54] **SOURCE DE LUMIERE DE TYPE DIODE ELECTROLUMINESCENTE ENDOSCOPIQUE POSSEDANT UN SYSTEME DE COMMANDE RETROACTIF**
[72] FEINGOLD, BENJAMIN HYMAN, US
[72] NAMBAKAM, VASUDEV, US
[72] HUI, SIMON S., US
[73] STRYKER CORPORATION, US
[85] 2011-04-27
[86] 2009-11-17 (PCT/US2009/006155)
[87] (WO2010/059197)
[30] US (61/199,597) 2008-11-18

---

[11] **2,742,779**
[13] C
[51] **Int.Cl. H04L 12/12 (2006.01) G06F 9/52 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING REMOTE ACCESS TO A STATE OF AN APPLICATION PROGRAM**
[54] **PROCEDE ET SYSTEME POUR OBTENIR L'ACCES DISTANT A UN ETAT D'UN PROGRAMME D'APPLICATION**
[72] BEAUREGARD, MICHAEL, CA
[72] MCFADZEAN, DAVID B., CA
[72] SCHERGER, DEREK, CA
[72] THOMAS, MONROE M., CA
[73] CALGARY SCIENTIFIC INC., CA
[85] 2011-05-05
[86] 2009-11-23 (PCT/CA2009/001704)
[87] (WO2010/060206)
[30] US (61/193,423) 2008-11-26

---

[11] **2,743,440**
[13] C
[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **BIOSENSOR SYSTEM WITH SIGNAL ADJUSTMENT**
[54] **SYSTEME DE BIOCAPTEUR AVEC AJUSTEMENT DE SIGNAL**
[72] WU, HUAN-PING, US
[72] JUNG, SUNG-KWON, US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2011-05-11
[86] 2009-12-08 (PCT/US2009/067150)
[87] (WO2010/077660)
[30] US (61/120,525) 2008-12-08

---

[11] **2,743,889**
[13] C
[51] **Int.Cl. B32B 29/02 (2006.01) B32B 7/12 (2006.01) B32B 37/12 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **A LAMINATE TAMPER EVIDENT CONSTRUCT**
[54] **CONSTRUCTION STRATIFIEE INVIOLABLE**
[72] HOOD, DAVID MACINTOSH, CA
[72] FILIPPELLI, FRANK, CA
[73] HOOD, DAVID MACINTOSH, CA
[73] FILIPPELLI, FRANK, CA
[85] 2011-05-16
[86] 2009-11-25 (PCT/CA2009/001703)
[87] (WO2010/060205)
[30] US (61/200,217) 2008-11-25

[11] **2,744,104**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 29/00 (2006.01) A61K 38/45 (2006.01)**
[25] EN
[54] **CELL-PERMEANT PEPTIDE-BASED INHIBITOR OF KINASES**
[54] **INHIBITEUR PERMEANT CELLULAIRE DE KINASES A BASE PEPTIDIQUE**
[72] PANITCH, ALYSSA, US
[72] SEAL, BRANDON, US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2011-05-18
[86] 2009-12-09 (PCT/US2009/067378)
[87] (WO2010/068692)
[30] US (61/121,396) 2008-12-10

[11] **2,744,461**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 37/06 (2006.01)**
[25] EN
[54] **A MACHINE FOR PREPARING BEVERAGES BY INFUSION OF A PRODUCT CONTAINED IN A CAPSULE OR THE LIKE**
[54] **MACHINE DESTINEE A LA PREPARATION DE BOISSONS PAR INFUSION D'UN PRODUIT CONTENU DANS UNE CAPSULE OU EQUIVALENTS**
[72] VICENTINI, VITTORIO, IT
[72] TORNINCASA, STEFANO, IT
[72] BONISOLI, ELVIO, IT
[72] VANNI, ALFREDO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2011-05-20
[86] 2010-07-30 (PCT/IB2010/053470)
[87] (WO2011/015978)
[30] IT (TO2009A000603) 2009-08-03

[11] **2,744,664**
[13] C
[51] **Int.Cl. B32B 37/12 (2006.01) B05B 3/10 (2006.01) B32B 5/18 (2006.01) B32B 15/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COMPOSITE ELEMENTS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS COMPOSITES**
[72] SCHMIT, ANSGAR, DE
[72] HENSIEK, RAINER, DE
[72] GRAALMANN, ONNO, DE
[72] GRAMLICH, SIMON, DE
[73] BASF SE, DE
[85] 2011-05-25
[86] 2009-11-20 (PCT/EP2009/065536)
[87] (WO2010/060864)
[30] EP (08170227.6) 2008-11-28

[11] **2,744,726**
[13] C
[51] **Int.Cl. B41J 2/175 (2006.01) B41J 2/165 (2006.01) B41J 2/19 (2006.01)**
[25] EN
[54] **PRESSURE PURGING DEVICE FOR INKJET RECORDING APPARATUS**
[54] **DISPOSITIF DE PURGE DE PRESSION POUR APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] ISHIKAWA, AKIRA, JP
[72] ITABASHI, WATARU, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[86] (2744726)
[87] (2744726)
[22] 2011-06-28
[30] JP (2010-150368) 2010-06-30

[11] **2,744,729**
[13] C
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **INK SUPPLY DEVICE FOR INKJET RECORDING APPARATUS**
[54] **RESERVOIR D'ENCRE POUR APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] ISHIKAWA, AKIRA, JP
[72] ITABASHI, WATARU, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[86] (2744729)
[87] (2744729)
[22] 2011-06-28
[30] JP (2010-150370) 2010-06-30

[11] **2,745,104**
[13] C
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **SUBMERGED MEMBRANE BIOREACTOR SYSTEM AND BIOLOGICAL METHODS FOR REMOVING BISPHENOL COMPOUNDS FROM MUNICIPAL WASTEWATER**
[54] **SYSTEME DE BIOREACTEUR MEMBRANAIRE SUBMERGE ET METHODES BIOLOGIQUES POUR ELIMINER LES BISPHENOLS DES EAUX USEES MUNICIPALES**
[72] DROGUI, PATRICK, CA
[72] SEYHI, BRAHIMA, CA
[72] BUELNA, GERARDO, CA
[72] BLAIS, JEAN-FRANCOIS, CA
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC (CRIQ), CA
[73] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
[86] (2745104)
[87] (2745104)
[22] 2011-06-29
[30] US (61/359618) 2010-06-29
[30] US (61/387602) 2010-09-29
[30] US (61/433697) 2011-01-18

[11] **2,745,182**
[13] C
[51] **Int.Cl. B60K 23/04 (2006.01)**
[25] EN
[54] **FLOW-FORMED DIFFERENTIAL CASE ASSEMBLY**
[54] **ASSEMBLAGE DE CARTER DIFFERENTIEL FORME PAR LE FLUX**
[72] CRIPSEY, TIMOTHY J., US
[72] HERSTON, ROBERT J., US
[73] METAL FORMING & COINING CORPORATION, US
[86] (2745182)
[87] (2745182)
[22] 2011-07-04
[30] US (61/360,726) 2010-07-01

---

[11] **2,745,332**
[13] C
[51] **Int.Cl. C23C 28/00 (2006.01) C23C 22/53 (2006.01)**
[25] EN
[54] **GALVANIZED STEEL SHEET AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER GALVANISE ET SON PROCEDE DE PRODUCTION**
[72] MAKIMIZU, YOICHI, JP
[72] KAJIYAMA, HIROSHI, JP
[72] FUJITA, SAKAE, JP
[72] YOSHIMI, NAOTO, JP
[72] TADA, MASAHIKO, JP
[72] OOTSUKA, SHINJI, JP
[72] MASUOKA, HIROYUKI, JP
[72] HOSHINO, KATSUYA, JP
[73] JFE STEEL CORPORATION, JP
[85] 2011-05-31
[86] 2009-04-22 (PCT/JP2009/058427)
[87] (WO2010/070943)
[30] JP (2008-319132) 2008-12-16

---

[11] **2,745,432**
[13] C
[51] **Int.Cl. F24C 15/20 (2006.01) F24B 1/195 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **EXHAUST FLOW CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'ECOULEMENT D'ECHAPPEMENT**
[72] LIVCHAK, ANDREY V., US
[72] RACZEWSKI, CHESTER, CA
[72] SCHROCK, DEREK W., US
[73] OY HALTON GROUP LTD., FI
[85] 2011-06-01
[86] 2009-12-03 (PCT/US2009/066660)
[87] (WO2010/065793)
[30] US (61/119,716) 2008-12-03
[30] US (61/185,168) 2009-06-08

---

[11] **2,745,495**
[13] C
[51] **Int.Cl. C07D 521/00 (2006.01) A61K 31/00 (2006.01) A61K 51/06 (2006.01) A61P 35/00 (2006.01) C12P 13/00 (2006.01)**
[25] EN
[54] **NITROGEN-CONTAINING MACROCYCLIC CONJUGATES AS RADIOPHARMACEUTICALS**
[54] **CONJUGUES MACROCYCLIQUES CONTENANT DE L'AZOTE COMME PRODUITS RADIOPHARMACEUTIQUES**
[72] DONNELLY, PAUL STEPHEN, AU
[72] MA, MICHELLE THERESE, AU
[72] SCANLON, DENIS BERNARD, AU
[73] THE UNIVERSITY OF MELBOURNE, AU
[85] 2011-06-02
[86] 2009-12-02 (PCT/AU2009/001572)
[87] (WO2010/063069)
[30] AU (2008906239) 2008-12-02

---

[11] **2,746,263**
[13] C
[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **PLASTIC CONTAINER HAVING A DEEP-INSET BASE**
[54] **CONTENANT EN MATIERE PLASTIQUE COMPRENANT UNE BASE PROFONDEMENT ENCASTREE**
[72] KELLEY, PAUL V., US
[72] BYSICK, SCOTT E., US
[72] LYNCH, BRIAN A., US
[72] NAHILL, THOMAS E., US
[72] PHILIPPE, ROMUALD, US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2011-06-08
[86] 2009-12-01 (PCT/US2009/066193)
[87] (WO2010/068522)
[30] US (12/329,912) 2008-12-08

---

[11] **2,746,844**
[13] C
[51] **Int.Cl. H04N 21/4623 (2011.01) H04N 21/266 (2011.01)**
[25] EN
[54] **RECEIVER, RECEPTION METHOD, TRANSMITTER, TRANSMISSION METHOD, PROGRAM AND BROADCASTING SYSTEM**
[54] **RECEPTEUR, PROCEDE DE RECEPTION, EMETTEUR, PROCEDE DE TRANSMISSION PROGRAMME ET SYSTEME DE DIFFUSION**
[72] KITAZATO, NAOHISA, JP
[73] SONY CORPORATION, JP
[86] (2746844)
[87] (2746844)
[22] 2011-07-19
[30] JP (P2010-190865) 2010-08-27
[30] JP (P2011-041801) 2011-02-28

[11] **2,747,161**
[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/395 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **(HETERO)ARYL SUBSTITUTED (BENZO[D]THIAZOL-2-YLCARBAMOYL) 1,2,3,4-TETRAHYDROQUINOLINS AND RELATED COMPOUNDS AND USES THEREOF FOR TREATING CANCER AND EXCESS PLATELETS**
[54] **(BENZO[D]THIAZOL-2-YLCARBAMOYL) 1,2,3,4-TETRAHYDROQUINOLINES(HETERO)ARYLSUBSTITUE ET COMPOSES ASSOCIES ET LEURS UTILISATIONS POUR LE TRAITEMENT DU CANCER ET D'UN EXCES DE PLAQUETTES**
[72] BAELL, JONATHAN BAYLDON, AU
[72] BUI, CHINH THIEN, AU
[72] COLMAN, PETER, AU
[72] DUDLEY, DANETTE A., US
[72] FAIRBROTHER, WAYNE J., US
[72] FLYGARE, JOHN A., US
[72] LESSENE, GUILLAUME LAURENT, AU
[72] NDUBAKU, CHUDI, US
[72] NIKOLAKOPOULOS, GEORGE, AU
[72] RYE, CARL STEVEN, GB
[72] SLEEBS, BRAD EDMUND, AU
[72] SMITH, BRIAN JOHN, AU
[72] WATSON, KEITH GEOFFREY, AU
[72] ELMORE, STEVEN W., US
[72] PETROS, ANDREW M., US
[72] SOUERS, ANDREW J., US
[72] CZABOTAR, PETER, AU
[73] GENENTECH, INC., US
[73] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[73] ABBVIE INC., US
[85] 2011-06-15
[86] 2009-12-17 (PCT/US2009/068400)
[87] (WO2010/080478)
[30] US (61/139,479) 2008-12-19

[11] **2,747,170**
[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07D 455/04 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **TETRAHYDROISOQUINOLINE DERIVATIVES AND THEIR USES TO TREAT CANCERS AND AUTOIMMUNE DISORDERS**
[54] **DERIVES DE TETRAHYDROISOQUINOLINE ET LEURS UTILISATIONS POUR LE TRAITEMENT DE CANCERS ET DE MALADIES AUTOIMMUNES**
[72] BAELL, JONATHAN BAYLDON, AU
[72] BUI, CHINH THIEN, AU
[72] COLMAN, PETER, AU
[72] CZABOTAR, PETER, AU
[72] DUDLEY, DANETTE A., US
[72] FAIRBROTHER, WAYNE J., US
[72] FLYGARE, JOHN A., US
[72] LESSENE, GUILLAUME LAURENT, AU
[72] NDUBAKU, CHUDI, US
[72] NIKOLAKOPOULOS, GEORGE, AU
[72] SLEEBS, BRAD EDMUND, AU
[72] SMITH, BRIAN JOHN, AU
[72] WATSON, KEITH GEOFFREY, AU
[72] ELMORE, STEVEN W., US
[72] HASVOLD, LISA A., US
[72] PETROS, ANDREW M., US
[72] SOUERS, ANDREW J., US
[72] TAO, ZHI-FU, US
[72] WANG, LE, US
[72] WANG, XILU, US
[72] DESHAYES, KURT, US
[73] GENENTECH, INC., US
[73] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[73] ABBVIE INC., US
[85] 2011-06-15
[86] 2009-12-17 (PCT/US2009/068496)
[87] (WO2010/080503)
[30] US (61/139,492) 2008-12-19

[11] **2,747,509**
[13] C
[51] **Int.Cl. A61K 31/7125 (2006.01) A61K 9/72 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **TREATMENT OF PULMONARY AND PLEURAL FIBROSIS USING HSP27 INHIBITORS**
[54] **TRAITEMENT DE LA FIBROSE PULMONAIRE ET PLEURALE A L'AIDE D'INHIBITEURS HSP27**
[72] BONNIAUD, PHILIPPE, FR
[72] GARRIDO, CARMEN, FR
[72] WETTSTEIN, GUILLAUME, FR
[73] ONCOGENEX TECHNOLOGIES INC., CA
[86] (2747509)
[87] (2747509)
[22] 2011-07-27
[30] US (61/485,501) 2011-05-12

[11] **2,747,588**
[13] C
[51] **Int.Cl. C02F 3/20 (2006.01) B01F 3/04 (2006.01) C02F 1/74 (2006.01) C02F 3/14 (2006.01) C02F 3/22 (2006.01) C02F 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING POLLUTION IN A BODY OF WATER**
[54] **SYSTEME ET PROCEDE DE REDUCTION DE LA POLLUTION DANS UN VOLUME D'EAU**
[72] ROBERTS, RICKY EUGENE, US
[72] KEY, JAMES RHRODRICK, US
[72] BETTLE, GRISCOM, III, US
[73] ABSOLUTE AERATION, US
[85] 2011-06-17
[86] 2009-06-17 (PCT/US2009/047621)
[87] (WO2010/047853)
[30] US (61/196,558) 2008-10-20
[30] US (61/196,820) 2008-10-21

[11] **2,748,453**
[13] C
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/00 (2006.01) A61B 17/3207 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **TISSUE REMOVAL DEVICE FOR NEUROSURGICAL AND SPINAL SURGERY APPLICATIONS**
[54] **DISPOSITIF D'ABLATION TISSULAIRE DESTINE A DES APPLICATIONS NEUROCHIRURGICALES ET DE CHIRURGIE SPINALE**
[72] MARK, JOSEPH L., US
[72] DOUGHERTY, BRIAN, US
[73] NICO CORPORATION, US
[85] 2011-06-27
[86] 2009-12-16 (PCT/US2009/068329)
[87] (WO2010/096139)
[30] US (12/389,447) 2009-02-20
[30] US (12/391,579) 2009-02-24
[30] US (12/404,407) 2009-03-16
[30] US (12/481,219) 2009-06-09

---

[11] **2,749,029**
[13] C
[51] **Int.Cl. F16L 21/06 (2006.01) F16L 37/084 (2006.01)**
[25] EN
[54] **PIPE GRIP RING**
[54] **ANNEAU DE PREHENSION DE TUYAU**
[72] KRAUSZ, ELIEZER, IL
[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES DEVELOPMENT LTD., IL
[85] 2011-07-06
[86] 2010-01-05 (PCT/US2010/020069)
[87] (WO2010/080743)
[30] US (12/352,174) 2009-01-12

---

[11] **2,749,603**
[13] C
[51] **Int.Cl. A47L 15/23 (2006.01)**
[25] EN
[54] **SPRAY ARM ASSEMBLY FOR A DISHWASHER**
[54] **ENSEMBLE BRAS DE PULVERISATION POUR UN LAVE-VAISSELLE**
[72] BAYER, MATTHIAS, DE
[72] MACK, FRIEDRICH, DE
[72] KLEINERT, OLIVER, SE
[72] SCHADT, RICHARD, DE
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
[85] 2011-07-13
[86] 2010-02-09 (PCT/EP2010/000781)
[87] (WO2010/089149)
[30] EP (09001761.7) 2009-02-09

---

[11] **2,749,861**
[13] C
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **IMPLANT FOR INSERTING INTO SCHLEMM'S CANAL OF AN EYE**
[54] **IMPLANT DESTINE A ETRE INSERE DANS LE CANAL DE SCHLEMM DE L'OEIL**
[72] STEGMANN, ROBERT, ZA
[72] GRIESHABER, MATTHIAS, CH
[73] GRIESHABER OPHTHALMIC RESEARCH FOUNDATION, CH
[85] 2011-07-15
[86] 2009-12-10 (PCT/EP2009/066814)
[87] (WO2010/072574)
[30] CH (2005/08) 2008-12-22
[30] CH (1743/09) 2009-11-12

---

[11] **2,750,347**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/055 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR QUANTITATIVELY DETERMINING THE LIKELIHOOD OF A DISEASE**
[54] **PROCEDES ET APPAREILS POUR DETERMINER QUANTITATIVEMENT LA PROBABILITE D'UNE MALADIE**
[72] DUSCHESNE, SIMON, CA
[73] UNIVERSITE LAVAL, CA
[85] 2011-07-21
[86] 2010-02-08 (PCT/CA2010/000140)
[87] (WO2010/088763)
[30] US (61/150,723) 2009-02-06

---

[11] **2,750,637**
[13] C
[51] **Int.Cl. C04B 28/14 (2006.01) B28B 5/00 (2006.01)**
[25] EN
[54] **MIXTURES AND EMULSIONS TO REDUCE ENERGY IN GYPSUM WALLBOARD MANUFACTURE**
[54] **MELANGES ET EMULSIONS POUR REDUIRE L'ENERGIE DANS LA FABRICATION DE PANNEAU DE REVETEMENT EN GYPSE**
[72] STUART, JONATHAN, US
[72] MAHONEY, DENNIS MICHAEL, US
[72] LENDER, ARIEL, US
[72] DAVIES, NORMAN, US
[73] HENRY COMPANY LLC, US
[85] 2011-07-22
[86] 2010-01-22 (PCT/US2010/021789)
[87] (WO2010/085634)
[30] US (61/147,296) 2009-01-26
[30] US (61/179,048) 2009-05-18

---

[11] **2,750,806**
[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 DANS 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] 2011-07-26
[86] 2010-02-11 (PCT/EP2010/051733)
[87] (WO2010/092122)
[30] LU (91526) 2009-02-11

[11] **2,751,140**
[13] C
[51] **Int.Cl. B29C 45/23 (2006.01) B29C 45/17 (2006.01)**
[25] EN
[54] **AN INJECTION APPARATUS FOR AN INJECTION MOLDING MACHINE**
[54] **APPAREIL D'INJECTION POUR UNE MACHINE DE MOULAGE PAR INJECTION**
[72] ZHANG, XIAN BAO, CN
[72] ZHANG, FAN, CN
[72] ZHAO, ZE BO, CN
[73] CHEN HSONG ASSET MANAGEMENT LIMITED, CN
[86] (2751140)
[87] (2751140)
[22] 2011-08-30
[30] CN (201010274009.3) 2010-08-31

---

[11] **2,751,150**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/06 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINES**
[54] **MACHINES DE PREPARATION DE BOISSON**
[72] HANSEN, NICK ANDREW, GB
[72] BENTLEY, ANDREW, GB
[72] HINCKLEY, ELIZABETH, GB
[72] NORTON, MARK, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2011-07-29
[86] 2010-03-24 (PCT/GB2010/000551)
[87] (WO2010/125326)
[30] GB (0907612.6) 2009-05-01

---

[11] **2,752,392**
[13] C
[51] **Int.Cl. E04H 4/00 (2006.01) B29C 70/88 (2006.01) B32B 33/00 (2006.01) C08L 67/00 (2006.01)**
[25] EN
[54] **SURFACE COMPOSITION AND METHOD OF APPLICATION**
[54] **COMPOSITION DE SURFACE ET PROCEDE D'APPLICATION**
[72] BEALE, LEW, AU
[73] HYDRAWALL PTY LTD, AU
[85] 2011-08-12
[86] 2010-02-23 (PCT/AU2010/000196)
[87] (WO2010/094080)
[30] AU (2009900767) 2009-02-23

---

[11] **2,752,780**
[13] C
[51] **Int.Cl. A45D 34/02 (2006.01) B05B 11/00 (2006.01) B65D 47/00 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **REFILL LIQUID CONTAINER**
[54] **RECIPIENT DE LIQUIDE DE RECHARGE**
[72] FARRAR, PETER ANTONY, GB
[72] HEIN, JOHN, GB
[73] BREEZE PRODUCT DESIGN LIMITED, GB
[85] 2011-08-17
[86] 2010-02-17 (PCT/GB2010/050265)
[87] (WO2010/094963)
[30] GB (0902626.1) 2009-02-17
[30] GB (0910446.4) 2009-06-17

---

[11] **2,752,967**
[13] C
[51] **Int.Cl. C04B 24/42 (2006.01) C04B 26/02 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **DRY COMPOSITION COMPRISING A BINDER AND A SILICONE OIL**
[54] **COMPOSITION SECHE COMPRENANT UN LIANT ET UNE HUILE DE SILICONE**
[72] GUYOT, CHRISTOPHE, FR
[72] GUILLOT, LAURENT, FR
[73] SIKA TECHNOLOGY AG, CH
[85] 2011-08-18
[86] 2010-02-19 (PCT/EP2010/052090)
[87] (WO2011/069685)
[30] FR (0900884) 2009-02-26

---

[11] **2,753,455**
[13] C
[51] **Int.Cl. G01C 19/5747 (2012.01)**
[25] EN
[54] **MEMS GYROSCOPE FOR DETECTING ROTATIONAL MOTIONS ABOUT AN X-, Y- AND/OR Z- AXIS**
[54] **GYROSCOPE MICROELECTROMECANIQUE PERMETTANT DE DETERMINER DES MOUVEMENTS DE ROTATION AUTOUR D'UN AXE X, Y OU Z**
[72] ROCCHI, ALESSANDRO, IT
[73] MAXIM INTEGRATED GMBH, DE
[85] 2011-08-24
[86] 2010-02-11 (PCT/EP2010/051714)
[87] (WO2010/097297)
[30] DE (10 2009 001 248.6) 2009-02-27

---

[11] **2,753,678**
[13] C
[51] **Int.Cl. H02J 3/14 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ENERGY DEMAND MANAGEMENT**
[54] **PROCEDES ET APPAREIL DE GESTION DE DEMANDE D'ENERGIE**
[72] BEAL, JACOB S., US
[72] BACHRACH, JONATHAN R., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2011-08-25
[86] 2010-02-19 (PCT/US2010/000495)
[87] (WO2010/098824)
[30] US (12/394,011) 2009-02-26

---

[11] **2,753,954**
[13] C
[51] **Int.Cl. B29C 55/00 (2006.01) B29C 55/30 (2006.01)**
[25] EN
[54] **CAVITATED ORIENTED POLYETHYLENE POLYMER COMPOSITES**
[54] **COMPOSITES POLYMERES DE POLYETHYLENE ORIENTES ET A CAVITES**
[72] NICHOLS, KEVIN, US
[72] MICHIE, WILLIAM, US
[72] KAPUR, MRIDULA, US
[73] EOVATIONS, LLC, US
[85] 2011-08-29
[86] 2010-03-02 (PCT/US2010/025907)
[87] (WO2010/104701)
[30] US (61/158,495) 2009-03-09

---

[11] **2,754,017**
[13] C
[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **BI-DIRECTIONALLY ENGAGEABLE CANNULA CRIMP FEATURE**
[54] **CARACTERISTIQUE DE SERTISSAGE DE CANULE APTE A VENIR EN PRISE DE FACON BIDIRECTIONNELLE**
[72] BURKHOLZ, JONATHAN KARL, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-31
[86] 2010-02-23 (PCT/US2010/025087)
[87] (WO2010/101739)
[30] US (12/396,227) 2009-03-02

[11] **2,754,307**
[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) H04W 4/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND MOBILE ELECTRONIC DEVICE FOR PURCHASING MEDIA**
[54] **METHODE, SYSTEME ET DISPOSITIF ELECTRONIQUE MOBILE POUR ACHAT DE MEDIAS.**
[72] ARASTAFAR, MARTIN, US
[73] BLACKBERRY LIMITED, CA
[86] (2754307)
[87] (2754307)
[22] 2011-10-03
[30] EP (10186405.6) 2010-10-04

---

[11] **2,754,547**
[13] C
[51] **Int.Cl. F24D 17/00 (2006.01) F28D 20/02 (2006.01)**
[25] EN
[54] **HEAT STORAGE SYSTEM**
[54] **SYSTEME D'ACCUMULATEURS THERMIQUES**
[72] GOLBS, ANDREAS, DE
[72] WEBER, STEFAN, DE
[73] RAWEMA COUNTERTRADE HANDELSGESELLSCHAFT MBH, DE
[85] 2011-09-06
[86] 2010-03-09 (PCT/EP2010/001459)
[87] (WO2010/102787)
[30] DE (10 2009 012 318.0) 2009-03-09

---

[11] **2,754,568**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/20 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITIONS BASED ON POLYUNSATURATED OMEGA-3 AND OMEGA-6 FATTY ACIDS**
[54] **COMPOSITIONS OPHTALMIQUES A BASE D'ACIDES GRAS OMEGA-3 ET OMEGA-6 POLYINSATURES**
[72] ALEO, DANILO, IT
[72] BARABINO, STEFANO, IT
[72] MANGIAFICO, SERGIO, IT
[72] ROLANDO, MAURIZIO, IT
[72] SAITA, MARIA GRAZIA ANTONIETTA, IT
[73] TRB CHEMEDICA INTERNATIONAL S.A., CH
[85] 2011-09-06
[86] 2010-03-18 (PCT/IT2010/000119)
[87] (WO2010/106571)
[30] IT (RM2009A000119) 2009-03-19

---

[11] **2,754,694**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR THE PREPARATION OF A BEVERAGE AND CAPSULE-HOLDING UNIT FOR USE THEREWITH**
[54] **CAPSULE POUR LA PREPARATION D'UNE BOISSON ET UNITE DE SUPPORT DE CAPSULE DESTINEE A ETRE UTILISEE AVEC CELLE-CI**
[72] VANNI, ALFREDO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2011-09-07
[86] 2010-03-18 (PCT/IB2010/051182)
[87] (WO2010/106516)
[30] IT (TO2009A000216) 2009-03-20

---

[11] **2,755,067**
[13] C
[51] **Int.Cl. C22C 33/10 (2006.01) B22D 7/02 (2006.01) B23P 15/28 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/22 (2006.01) C22C 38/24 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF TOOLS MADE OF ALLOYED STEEL AND TOOLS IN PARTICULAR FOR THE CHIP-REMOVING MACHINING OF METALS**
[54] **METHODE DE PRODUCTION D'OUTILS EN ACIER ALLIE ET OUTILS CONCUS, NOTAMMENT, POUR L'USINAGE DE METAUX PAR ENLEVEMENT DE MATIERE**
[72] KELLEZI, GERT, AT
[72] CALISKANOGLU, DEVRIM, DE
[72] BAERNTHALER, ANDREAS, AT
[73] BOEHLER EDELSTAHL GMBH & CO KG, AT
[86] (2755067)
[87] (2755067)
[22] 2011-10-17
[30] AT (A 1732/2010) 2010-10-18

---

[11] **2,755,078**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **TISSUE REMOVAL DEVICE FOR NEUROSURGICAL AND SPINAL SURGERY APPLICATIONS**
[54] **DISPOSITIF DE RETRAIT DE TISSU POUR APPLICATIONS DE CHIRURGIE NEUROLOGIQUE ET RACHIDIENNE**
[72] MARK, JOSEPH L., US
[73] NICO CORPORATION, US
[85] 2011-09-09
[86] 2009-12-16 (PCT/US2009/068313)
[87] (WO2010/128994)
[30] US (12/435,724) 2009-05-05

[11] **2,755,424**
[13] C
[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **ROTATIONAL ATHERECTOMY DEVICE AND METHOD TO IMPROVE ABRADING EFFICIENCY**
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIF ET PROCEDE D'AMELIORATION DE L'EFFICACITE D'ABRASION**
[72] THATCHER, ROBERT J., US
[72] KOEHN, PAUL A., US
[72] CZYSCON, JOSEPH S., US
[73] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2011-09-14
[86] 2010-03-18 (PCT/US2010/027829)
[87] (WO2010/132147)
[30] US (12/464,524) 2009-05-12

[11] **2,755,647**
[13] C
[51] **Int.Cl. A01N 47/44 (2006.01) A01N 31/02 (2006.01) A01N 33/12 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **SANITIZER FORMULATIONS**
[54] **FORMULATIONS D'AGENT ASSAINISSANT**
[72] MCGEECHAN, PAULA LOUISE, GB
[72] WOODS, WILLIAM, US
[73] ARCH CHEMICALS, INC., US
[85] 2011-09-15
[86] 2010-03-22 (PCT/US2010/028077)
[87] (WO2010/111155)
[30] US (61/162,362) 2009-03-23
[30] US (12/727,405) 2010-03-19

[11] **2,757,031**
[13] C
[51] **Int.Cl. A01G 23/095 (2006.01)**
[25] EN
[54] **PROTECTIVE ROUTING OF DELIMB CYLINDER HOSING**
[54] **ACHEMINEMENT PROTECTEUR DE TUYAU SOUPLE DE CYLINDRE D'EBRANCHAGE**
[72] SMYTHE, JUSTYN P., NZ
[72] STEVENSON, ALEX J., NZ
[72] QUIRKE, PETER, NZ
[73] WARATAH NZ LIMITED, NZ
[85] 2011-09-27
[86] 2010-06-11 (PCT/IB2010/001676)
[87] (WO2010/143076)
[30] US (12/483,290) 2009-06-12

[11] **2,757,736**
[13] C
[51] **Int.Cl. B65D 51/24 (2006.01) B65D 81/26 (2006.01)**
[25] EN
[54] **SCAVENGING OXYGEN**
[54] **PIEGEAGE DE L'OXYGENE**
[72] CARMICHAEL, ADRIAN, GB
[72] OVEREND, ANDREW STUART, GB
[72] RULE, MARK, US
[72] VALUS, RONALD JAMES, US
[72] LEEMING, CHRISTINE(DECEASED), GB
[72] TATTUM, STEVEN BURGESS, GB
[73] COLORMATRIX HOLDINGS, INC., US
[85] 2011-10-05
[86] 2010-04-08 (PCT/GB2010/050609)
[87] (WO2010/116194)
[30] US (61/167,923) 2009-04-09

[11] **2,757,940**
[13] C
[51] **Int.Cl. G05B 13/04 (2006.01) D21G 9/00 (2006.01)**
[25] EN
[54] **MODELLING OF A PROPERTY OF PAPER, PAPERBOARD OR BOARD**
[54] **MODELISATION D'UNE PROPRIETE DE PAPIER OU DE CARTON**
[72] SAREN, MATTI-PAAVO, FI
[73] VALMET AUTOMATION OY, FI
[85] 2011-10-05
[86] 2010-03-31 (PCT/FI2010/050254)
[87] (WO2010/116030)
[30] FI (20095381) 2009-04-07

[11] **2,758,279**
[13] C
[51] **Int.Cl. A61B 17/82 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MINIMALLY INVASIVE CRIMP AND CABLE FOR BONE CERCLAGE**
[54] **SYSTEME ET PROCEDE POUR CERCLAGE OSSEUX MINIMALEMENT INVASIF UTILISANT UN ELEMENT DE SERTISSAGE ET UN CABLE**
[72] DELL'OCA, ALBERTO A. FERNANDEZ, UY
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2011-10-07
[86] 2010-04-23 (PCT/US2010/032245)
[87] (WO2010/124211)
[30] US (61/172,720) 2009-04-25

[11] **2,758,294**
[13] C
[51] **Int.Cl. F16K 17/16 (2006.01) F16K 17/14 (2006.01) F16K 17/40 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF DEVICE HAVING SUPPORT MEMBER WITH RECESSED AREAS**
[54] **REDUCTEUR DE PRESSION DOTE D'UN ELEMENT DE SUPPORT COMPRENANT DES ZONES EVIDEES**
[72] WALKER, JOSEPH A., US
[72] STILWELL, BRADFORD T., US
[72] SHAW, BON F., US
[72] MILLER, E. DEAN, US
[73] FIKE CORPORATION, US
[85] 2011-10-07
[86] 2010-04-12 (PCT/US2010/030681)
[87] (WO2010/120663)
[30] US (12/422,851) 2009-04-13

[11] **2,758,860**
[13] C
[51] **Int.Cl. G02B 21/02 (2006.01)**
[25] EN
[54] **QUANTITATIVE PHASE IMAGING MICROSCOPE AND METHOD AND APPARATUS PERFORMING THE SAME**
[54] **MICROSCOPE D'IMAGERIE DE PHASE QUANTITATIVE ET METHODE ET APPAREIL D'EXECUTION**
[72] MAIDEN, ANDREW, GB
[73] PHASE FOCUS LIMITED, GB
[85] 2011-10-14
[86] 2010-03-01 (PCT/GB2010/050349)
[87] (WO2010/119278)
[30] GB (0906449.4) 2009-04-15

---

[11] **2,759,431**
[13] C
[51] **Int.Cl. G01M 17/10 (2006.01)**
[25] EN
[54] **TEST METHOD FOR BOGIES AS WELL AS A TEST STAND AND ASSEMBLY STAND**
[54] **METHODE D'ESSAI DE BOGIES AINSI QUE SUPPORT DE TEST ET SUPPORT DE DISPOSITIF**
[72] BASTIAN, RAINER, DE
[72] STUMVOLL, WOLFGANG, DE
[73] AGG ANLAGEN- UND GERAETEBAU GMBH, DE
[73] STUMVOLL, WOLFGANG, DE
[85] 2011-10-20
[86] 2010-04-27 (PCT/DE2010/050024)
[87] (WO2010/124686)
[30] DE (10 2009 002 678.9) 2009-04-27

---

[11] **2,759,504**
[13] C
[51] **Int.Cl. A47C 4/02 (2006.01)**
[25] EN
[54] **SEAT ELEMENT**
[54] **ELEMENT DE SIEGE**
[72] FELTRIN, CLAUDIO, IT
[73] ARPER S.P.A., IT
[85] 2011-10-20
[86] 2010-08-06 (PCT/IB2010/053571)
[87] (WO2011/027245)
[30] IT (PD2009A000250) 2009-09-03

---

[11] **2,760,166**
[13] C
[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **ISOXAZOLE-PYRIDINE DERIVATIVES**
[54] **DERIVES D'ISOXAZOLE-PYRIDINE**
[72] JAKOB-ROETNE, ROLAND, DE
[72] LUCAS, MATTHEW C., US
[72] THOMAS, ANDREW, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-10-26
[86] 2010-04-28 (PCT/EP2010/055695)
[87] (WO2010/127976)
[30] EP (09159457.2) 2009-05-05

---

[11] **2,760,217**
[13] C
[51] **Int.Cl. F16B 43/00 (2006.01) F16B 31/02 (2006.01) F16B 39/24 (2006.01)**
[25] EN
[54] **PROVIDING A COUNTER TORQUE FORCE WITHIN A FASTENING**
[54] **FOURNITURE D'UNE FORCE DE CONTRE-COUPLE DANS UNE PIECE DE FIXATION**
[72] CLARKE, RONALD C., US
[73] CLARKE, RONALD C., US
[85] 2011-10-27
[86] 2010-05-05 (PCT/US2010/033763)
[87] (WO2010/129698)
[30] US (61/175,628) 2009-05-05

---

[11] **2,760,673**
[13] C
[51] **Int.Cl. G05B 19/418 (2006.01) E21F 17/00 (2006.01) G05B 19/18 (2006.01)**
[25] EN
[54] **INTEGRATED AUTOMATION SYSTEM FOR REGIONS WITH VARIABLE GEOGRAPHICAL BOUNDARIES**
[54] **SYSTEME D'AUTOMATISATION INTEGRE DESTINE A DES REGIONS A FRONTIERES GEOGRAPHIQUES VARIABLES**
[72] NETTLETON, ERIC, AU
[72] HENNESSY, ROSS, AU
[72] DURRANT-WHYTE, HUGH, AU
[72] GOEKTOGAN, ALI HAYDAR, AU
[73] THE UNIVERSITY OF SYDNEY, AU
[85] 2011-11-01
[86] 2010-04-30 (PCT/AU2010/000499)
[87] (WO2010/124340)
[30] AU (2009901948) 2009-05-01

---

[11] **2,760,726**
[13] C
[51] **Int.Cl. G06Q 50/00 (2006.01) E21F 17/00 (2006.01) G05B 19/18 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **INTEGRATED AUTOMATION SYSTEM WITH PICTURE COMPILATION SYSTEM**
[54] **SYSTEME D'AUTOMATISATION INTEGRE A SYSTEME DE COMPILATION D'IMAGES**
[72] NETTLETON, ERIC, AU
[72] HENNESSY, ROSS, AU
[72] DURRANT-WHYTE, HUGH, AU
[72] GOEKTOGAN, ALI HAYDAR, AU
[72] HATHERLY, PETER JAMES, AU
[72] RAMOS, FABIO TOZETO, AU
[73] THE UNIVERSITY OF SYDNEY, AU
[85] 2011-11-01
[86] 2010-04-30 (PCT/AU2010/000498)
[87] (WO2010/124339)
[30] AU (2009901932) 2009-05-01

[11] **2,761,361**
[13] C
[51] **Int.Cl. E02D 5/74 (2006.01) E01F 9/60 (2016.01) E01F 9/688 (2016.01) A45F 3/44 (2006.01) E04H 12/22 (2006.01) E04H 15/62 (2006.01) E04H 17/22 (2006.01)**
[25] EN
[54] **POST INSTALLATION**
[54] **INSTALLATION DE POTEAU**
[72] TATE, RODNEY JAMES, AU
[73] FERAL PTY. LTD., AU
[85] 2011-11-08
[86] 2010-05-07 (PCT/AU2010/000533)
[87] (WO2010/127407)
[30] AU (2009902025) 2009-05-08

---

[11] **2,762,699**
[13] C
[51] **Int.Cl. A01K 77/00 (2006.01)**
[25] EN
[54] **COVERABLE FISH NET APPARATUS**
[54] **EPUISETTE COIFFABLE**
[72] HUME, DANIEL R., CA
[73] HUME, DANIEL R., CA
[86] (2762699)
[87] (2762699)
[22] 2011-12-22
[30] US (12/983,662) 2011-01-03

---

[11] **2,762,833**
[13] C
[51] **Int.Cl. G01N 27/84 (2006.01)**
[25] FR
[54] **EQUIPMENT AND METHOD FOR CHECKING THE SHAFT OF A TURBINE ENGINE BY MAGNET PARTICLE INSPECTION**
[54] **BANC ET PROCEDE DE CONTROLE PAR MAGNETOSCOPIE D'UN ARBRE DE TURBOMACHINE**
[72] LAINAY, GUILLAUME, FR
[72] LEMOAL, JEAN-CLAUDE, FR
[72] THIERRY, LIONEL, FR
[73] SNECMA, FR
[85] 2011-11-18
[86] 2010-06-08 (PCT/FR2010/051138)
[87] (WO2010/142911)
[30] FR (09/02815) 2009-06-10

---

[11] **2,762,939**
[13] C
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 47/14 (2017.01) A61K 47/24 (2006.01) A61K 47/44 (2017.01)**
[25] EN
[54] **SELF-EMULSIFYING COMPOSITION OF .OMEGA.3 FATTY ACID**
[54] **COMPOSITION AUTO-EMULSIFIANTE D'ACIDE GRAS .OMEGA.3**
[72] FUJII, HIROSATO, JP
[72] YAMAGATA, MOTOO, JP
[73] MOCHIDA PHAMACEUTICAL CO., LTD., JP
[85] 2011-11-21
[86] 2010-05-21 (PCT/JP2010/058676)
[87] (WO2010/134614)
[30] JP (2009-124444) 2009-05-22

---

[11] **2,762,965**
[13] C
[51] **Int.Cl. E04G 5/10 (2006.01) E04F 11/02 (2006.01) E06C 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A STAIR ASSEMBLY**
[54] **PROCEDE ET APPAREIL POUR UN SYSTEME D'ESCALIERS**
[72] GORDON, JULIAN D., US
[73] GORDON, JULIAN D., US
[85] 2011-11-21
[86] 2010-05-21 (PCT/US2010/001506)
[87] (WO2010/134998)
[30] US (12/469,781) 2009-05-21

---

[11] **2,763,585**
[13] C
[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/22 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **ARTERIAL DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE ARTERIELS**
[72] TAUB, ELDAD, IL
[72] SELA, NATHAN, IL
[72] DILMONEY, BENJAMIN, IL
[73] CARDIOGARD MEDICAL LTD., IL
[85] 2011-11-25
[86] 2010-06-02 (PCT/IL2010/000436)
[87] (WO2010/140150)
[30] US (61/184,019) 2009-06-04

---

[11] **2,764,531**
[13] C
[51] **Int.Cl. B05B 7/08 (2006.01)**
[25] EN
[54] **PAINT SPRAY GUN**
[54] **PISTOLET PULVERISATEUR A PEINTURE**
[72] GEHRUNG, RALF, DE
[72] DI NICOLA, ROCCO, DE
[72] DETTLAFF, PETER, DE
[73] SATA GMBH & CO. KG, DE
[85] 2011-12-05
[86] 2010-06-07 (PCT/EP2010/003399)
[87] (WO2011/003493)
[30] DE (10 2009 032 399.6) 2009-07-08

---

[11] **2,764,960**
[13] C
[51] **Int.Cl. A61N 1/05 (2006.01) A61B 5/0478 (2006.01)**
[25] EN
[54] **MICROELECTRODE AND MULTIPLE MICROELECTRODES**
[54] **MICROELECTRODE ET JEUX DE MICROELECTRODES**
[72] EK, FREDRIK, SE
[72] DANIELSEN, NILS, SE
[72] ERIKSSON LINSMEIER, JENNY, SE
[72] PETERSSON, PER, SE
[72] SCHOUENBORG, JENS, SE
[73] NEURONANO AB, SE
[85] 2011-12-08
[86] 2010-06-03 (PCT/SE2010/000152)
[87] (WO2010/144016)
[30] SE (0900789-9) 2009-06-09

[11] **2,765,919**
[13] C
[51] **Int.Cl. C07H 15/04 (2006.01) A61K 31/7012 (2006.01) A61P 31/20 (2006.01) C07H 15/12 (2006.01) C07H 15/14 (2006.01)**
[25] EN
[54] **NEW ANTIVIRAL COMPOUNDS USEFUL FOR THE TREATMENT OR THE PREVENTION OF EPIDEMIC KERATOCONJONCTIVITIS**
[54] **COMPOSES ANTIVIRAUX UTILES POUR LE TRAITEMENT OU LA PREVENTION DE LA KERATOCONJONCTIVITE EPIDEMIQUE**
[72] STERNER, OLOV, SE
[72] ELLERVIK, ULF, SE
[72] APLANDER, KAROLINA, SE
[72] CARLSSON, ANDERS, SE
[73] ADENOVIR PHARMA AB, SE
[85] 2011-12-16
[86] 2010-07-05 (PCT/EP2010/059579)
[87] (WO2011/003876)
[30] SE (0950531-4) 2009-07-07
[30] US (61/223,900) 2009-07-08

[11] **2,766,651**
[13] C
[51] **Int.Cl. H02B 11/02 (2006.01)**
[25] EN
[54] **REMOTELY-OPERATED SWITCHGEAR RACKING DEVICE AND A MOUNTING METHOD FOR THE SAME**
[54] **DISPOSITIF DE TELEMANIPULATION DE DISJONCTEURS ET METHODE DE MONTAGE CONNEXE**
[72] BOWER, ANDREW, US
[72] MURRAY, MICHAEL, US
[73] ABB INC., US
[86] (2766651)
[87] (2766651)
[22] 2012-02-08
[30] US (61/441,005) 2011-02-09

[11] **2,767,641**
[13] C
[51] **Int.Cl. A41D 1/20 (2006.01) A41D 15/00 (2006.01)**
[25] EN
[54] **CONVERTIBLE MATERNITY GARMENT**
[54] **VETEMENT DE MATERNITE TRANSFORMABLE**
[72] MACGILLIVRAY, KATHY, CA
[73] MACGILLIVRAY, KATHY, CA
[85] 2012-01-09
[86] 2010-06-25 (PCT/IB2010/001553)
[87] (WO2011/004232)
[30] US (12/459,965) 2009-07-10

[11] **2,767,871**
[13] C
[51] **Int.Cl. F16K 11/085 (2006.01) A61M 39/22 (2006.01) F16K 27/06 (2006.01)**
[25] EN
[54] **MULTI-WAY VALVE AND METHOD FOR PRODUCING THE SAME**
[54] **SOUPAPE A VOIES MULTIPLES ET SON PROCEDE DE FABRICATION**
[72] HOPF, HANS JUERGEN, DE
[72] KASSAI, NORBERT, DE
[72] HOPF, ALEXANDER, DE
[72] HOPF, MICHAEL, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2012-01-11
[86] 2010-07-14 (PCT/EP2010/060150)
[87] (WO2011/006934)
[30] DE (10 2009 026 172.9) 2009-07-14

[11] **2,769,076**
[13] C
[51] **Int.Cl. E06B 3/66 (2006.01) E06B 3/67 (2006.01) E06B 3/677 (2006.01) G02F 1/167 (2006.01) B32B 17/00 (2006.01)**
[25] EN
[54] **ENERGY EFFICIENT FENESTRATION PRODUCT WITH SUSPENDED PARTICLE DEVICE**
[54] **PRODUIT DE FENETRAGE ECONOME EN ENERGIE DOTE D?UN DISPOSITIF A PARTICULES EN SUSPENSION**
[72] SLOVAK, STEVEN M., US
[72] WANG, DONGYAN, US
[72] SAXE, ROBERT L., US
[72] CHEN, XIAO-PING, US
[72] HULL, WILLIAM J., US
[73] RESEARCH FRONTIERS INCORPORATED, US
[85] 2012-01-24
[86] 2010-08-06 (PCT/US2010/044650)
[87] (WO2011/017588)
[30] US (61/232,294) 2009-08-07
[30] US (12/851,285) 2010-08-05

[11] **2,769,104**
[13] C
[51] **Int.Cl. G07C 9/00 (2006.01) H04W 12/06 (2009.01) H04W 84/18 (2009.01) H04B 1/59 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL ACCESS**
[54] **DISPOSITIF ET METHODES DE CONTROLE D'ACCES**
[72] HILL, THOMAS CASEY, US
[73] BLACKBERRY LIMITED, CA
[86] (2769104)
[87] (2769104)
[22] 2012-02-27
[30] US (13/036,874) 2011-02-28

[11] **2,769,200**
[13] C
[51] **Int.Cl. B42F 7/02 (2006.01) B42F 7/04 (2006.01) B42F 21/02 (2006.01)**
[25] EN
[54] **FILE WITH MULTIPLE LABELED POCKETS**
[54] **CLASSEUR A POCHETTES ETIQUETEES MULTIPLES**
[72] GRASSIA, LAUREN, US
[72] KENNEY, JULIET, US
[72] MARTIN, ADAM, US
[72] JONES, BRADEN, US
[72] HIBLER, DOUG, US
[73] ESSELTE CORPORATION, US
[85] 2012-01-24
[86] 2010-09-23 (PCT/US2010/050044)
[87] (WO2011/038148)
[30] US (12/566,872) 2009-09-25
[30] US (12/831,709) 2010-07-07

[11] **2,769,377**
[13] C
[51] **Int.Cl. G09G 3/3258 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM TO QUICKLY FADE THE LUMINANCE OF AN OLED DISPLAY**
[54] **PROCEDE ET SYSTEME POUR REDUIRE RAPIDEMENT LA LUMINANCE D'UN DISPOSITIF D'AFFICHAGE A DIODES ELECTROLUMINESCENTES ORGANIQUES**
[72] PURDY, MICHAEL LORNE, CA
[72] FLETCHER, BERGEN ALBERT, CA
[72] ROBINSON, JAMES ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2769377)
[87] (2769377)
[22] 2012-02-24
[30] EP (11156106.4) 2011-02-25

[11] **2,769,455**
[13] C
[51] **Int.Cl. G01N 21/17 (2006.01) G01N 25/48 (2006.01) G01N 29/02 (2006.01) G01N 29/24 (2006.01)**
[25] EN
[54] **ANALYSIS DEVICE WITH TRANSDUCER STIFFENING ELEMENTS**
[54] **DISPOSITIF D'ANALYSE AVEC ELEMENTS DE RAIDISSEMENT DE TRANSDUCTEUR**
[72] MONAGHAN, PAUL BRENDAN, GB
[72] ROSS, STEVEN ANDREW, GB
[72] CARTER, TIMOTHY JOSEPH NICHOLAS, GB
[73] VIVACTA LTD, GB
[85] 2012-01-27
[86] 2010-09-01 (PCT/GB2010/051436)
[87] (WO2011/027148)
[30] GB (0915338.8) 2009-09-03
[30] US (61/239,976) 2009-09-04

[11] **2,769,517**
[13] C
[51] **Int.Cl. A63F 13/20 (2014.01) A63F 13/245 (2014.01)**
[25] EN
[54] **VIDEO GAME CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE JEU VIDEO**
[72] RIOPELLE, GERALD HENRY, US
[73] BEAMZ INTERACTIVE, INC., US
[85] 2012-01-27
[86] 2010-02-17 (PCT/US2010/000453)
[87] (WO2010/096163)
[30] US (61/208,012) 2009-02-19
[30] US (12/381,645) 2009-03-13

[11] **2,769,733**
[13] C
[51] **Int.Cl. H04N 19/122 (2014.01) H04N 19/117 (2014.01) H04N 19/176 (2014.01) H04N 19/61 (2014.01) H04N 19/86 (2014.01)**
[25] EN
[54] **IMAGE PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] SATO, KAZUSHI, JP
[73] SONY CORPORATION, JP
[85] 2012-01-31
[86] 2010-08-18 (PCT/JP2010/063918)
[87] (WO2011/024684)
[30] JP (2009-195317) 2009-08-26

[11] **2,770,180**
[13] C
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **SUBLINGUAL AND BUCCAL FILM COMPOSITIONS**
[54] **COMPOSITIONS PELLICULAIRES SUBLINGUALES ET BUCCALES**
[72] MYERS, GARRY L., US
[72] HILBERT, SAMUEL D., US
[72] BOONE, BILL J., US
[72] BOGUE, B. ARLIE, US
[72] SANGHVI, PRADEEP, US
[72] HARIHARAN, MADHUSUDAN, US
[73] INDIVIOR UK LIMITED, GB
[85] 2012-02-03
[86] 2010-08-05 (PCT/US2010/044488)
[87] (WO2011/017483)
[30] US (12/537,571) 2009-08-07

[11] **2,770,221**
[13] C
[51] **Int.Cl. C08G 81/02 (2006.01) D21H 17/45 (2006.01) D21H 21/10 (2006.01)**
[25] EN
[54] **CATIONIC COPOLYMERS DERIVED FROM ACRYLAMIDE AND USES THEREOF**
[54] **COPOLYMERES CATIONIQUES DERIVES D'ACRYLAMIDE ET LEURS UTILISATIONS**
[72] HUND, RENE, FR
[72] AURIANT, CHRISTOPHE, FR
[73] S.P.C.M. SA, FR
[85] 2012-02-03
[86] 2010-08-03 (PCT/FR2010/051644)
[87] (WO2011/015783)
[30] FR (0955471) 2009-08-04

[11] **2,770,735**
[13] C
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **MASKED INTRAOCULAR IMPLANTS AND LENSES**
[54] **IMPLANTS ET LENTILLES INTRAOCULAIRES COMPORTANT UN CACHE**
[72] CHRISTIE , BRUCE, US
[72] KOSMYNINE, ALEXEI N., US
[72] PETERSON, EDWARD W., US
[72] VAN DE POL, CORINA, US
[73] ACUFOCUS, INC., US
[85] 2012-02-09
[86] 2010-08-13 (PCT/US2010/045548)
[87] (WO2011/020078)
[30] US (61/233,804) 2009-08-13
[30] US (61/233,794) 2009-08-13

[11] **2,771,566**
[13] C
[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **CRYOGENIC SYSTEM FOR REMOVING ACID GASES FROM A HYDROCARBON GAS STREAM**
[54] **SYSTEME CRYOGENIQUE POUR ELIMINER DES GAZ ACIDES D'UN COURANT GAZEUX D'HYDROCARBURES**
[72] CULLINANE, JOHN TIM, US
[72] NORTHROP, PAUL SCOTT, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2012-02-17
[86] 2010-07-22 (PCT/US2010/042927)
[87] (WO2011/046658)
[30] US (61/240,850) 2009-09-09

---

[11] **2,772,169**
[13] C
[51] **Int.Cl. C07D 265/30 (2006.01) A61K 31/5377 (2006.01) A61P 25/04 (2006.01) A61P 25/06 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) C07D 265/32 (2006.01) C07D 279/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 419/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **(THIO)MORPHOLINE DERIVATIVES AS S1P MODULATORS**
[54] **DERIVES DE (THIO)MORPHOLINE MODULATEURS DE S1P**
[72] IWEMA BAKKER, WOUTER I., NL
[72] COOLEN, HEIN K.A.C., NL
[72] MONS, HARMEN, NL
[72] STOIT, AXEL, NL
[72] RONKEN, ERIC, NL
[72] VAN DER KAM, ELIZABETH, NL
[72] FRANKENA, JURJEN, NL
[72] HOBSON, ADRIAN D., US
[73] ABBVIE BAHAMAS LIMITED, BS
[85] 2012-02-24
[86] 2010-08-27 (PCT/EP2010/062552)
[87] (WO2011/023795)
[30] US (61/238,518) 2009-08-31
[30] EP (09169075.0) 2009-08-31

---

[11] **2,772,308**
[13] C
[51] **Int.Cl. A61K 8/9789 (2017.01) A61K 36/355 (2006.01) A61P 17/04 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL SKIN CARE FORMULATIONS COMPRISING PLANT EXTRACTS**
[54] **FORMULATIONS TOPIQUES DE SOINS DE BEAUTE COMPORTANT DES EXTRAITS DE PLANTES**
[72] FLORENCE, TIFFANY, US
[72] GAN, DAVID, US
[72] HINES, MICHELLE, US
[73] MARY KAY INC., US
[85] 2012-02-24
[86] 2010-08-26 (PCT/US2010/046791)
[87] (WO2011/028601)
[30] US (61/237,087) 2009-08-26

---

[11] **2,773,923**
[13] C
[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ECCENTRIC ABRADING AND CUTTING HEAD FOR HIGH-SPEED ROTATIONAL ATHERECTOMY DEVICES**
[54] **TETE DE COUPE ET D'ABRASION EXCENTRIQUE POUR DISPOSITIFS D'ARTHERECTOMIE ROTATIFS A VITESSE ELEVEE**
[72] CAMBRONNE, MATTHEW D., US
[72] PLOWE, CHARLES A., US
[73] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2012-03-12
[86] 2010-08-13 (PCT/US2010/045417)
[87] (WO2011/046672)
[30] US (12/580,590) 2009-10-16

---

[11] **2,774,163**
[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) G05D 1/08 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR AUTONOMOUS NAVIGATION OF A TRACKED OR SKID-STEER VEHICLE**
[54] **SYSTEME ET PROCEDE POUR LA NAVIGATION AUTONOME D'UN VEHICULE CHENILLE OU A DIRECTION A GLISSEMENT**
[72] HENNESSY, ROSS, AU
[72] OPPOLZER, FLORIAN, AU
[72] FAN, XIUYI, AU
[72] SINGH, SURYA P. N., AU
[72] DURRANT-WHYTE, HUGH, AU
[73] THE UNIVERSITY OF SYDNEY, AU
[85] 2012-03-14
[86] 2010-09-15 (PCT/AU2010/001197)
[87] (WO2011/032208)
[30] AU (2009904465) 2009-09-15

---

[11] **2,774,328**
[13] C
[51] **Int.Cl. A01J 5/017 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR INDICATING UNDESIRED DETACHMENT OF A MILKING MEMBER FROM AN ANIMAL**
[54] **AGENCEMENT ET PROCEDE DESTINES A INDIQUER UN DESACCOUPLEMENT INVOLONTAIRE D'UN ELEMENT DE TRAITE D'UN ANIMAL**
[72] CARLSON, BJOERN, SE
[72] HEIM, DANIEL, US
[72] STELLNERT, MATS, US
[72] WIPPERFURTH, STUART, US
[73] DELAVAL HOLDING AB, SE
[85] 2012-03-14
[86] 2010-09-13 (PCT/EP2010/063355)
[87] (WO2011/032902)
[30] SE (0901197-4) 2009-09-18

[11] **2,774,709**
[13] C
[51] **Int.Cl. B65G 47/34 (2006.01)**
[25] EN
[54] **MATERIALS CONVEYED ON A CONVEYOR BELT**
[54] **MATERIAUX TRANSPORTES SUR UNE BANDE TRANSPORTEUSE**
[72] LYMAN, GEOFFREY JOHN, AU
[73] LYMAN, GEOFFREY JOHN, AU
[85] 2012-03-20
[86] 2009-12-16 (PCT/AU2009/001633)
[87] (WO2010/068983)
[30] AU (2008906516) 2008-12-18

[11] **2,774,995**
[13] C
[51] **Int.Cl. B32B 27/30 (2006.01) B29C 39/12 (2006.01) C08J 3/075 (2006.01) C08L 29/04 (2006.01) G09B 19/00 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **SURGICAL TRAINING AIDS AND METHODS OF FABRICATION THEREOF**
[54] **AIDES D'APPRENTISSAGE CHIRURGICALES ET LEURS PROCEDES DE FABRICATION**
[72] MILLON, LEONARDO, CA
[72] WAN, WANKEI, CA
[72] QUANTZ, MACKENZIE, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2012-03-22
[86] 2010-09-22 (PCT/CA2010/001453)
[87] (WO2011/035410)
[30] US (61/244,690) 2009-09-22

[11] **2,775,993**
[13] C
[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/053 (2006.01) C08K 5/1515 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **ACETYLATED GLYCERIN ESTERS AND THEIR BLENDS WITH EPOXIDIZED FATTY ACID ESTERS**
[54] **ESTERS DE GLYCERINE ACETYLEE ET LEURS MELANGES AVEC DES ESTERS D'ACIDE GRAS EPOXYDE**
[72] CHAUDHARY, BHARAT I., US
[72] SCHILLER, KLAUS, DE
[72] SCZEKALLA, BEATE, DE
[72] MEERBOTE, MICHAEL, DE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-03-28
[86] 2010-09-29 (PCT/US2010/050654)
[87] (WO2011/041363)
[30] US (61/247,427) 2009-09-30

[11] **2,776,366**
[13] C
[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/58 (2006.01) A61K 31/593 (2006.01) A61K 31/65 (2006.01) A61K 47/12 (2006.01) A61P 17/16 (2006.01) A61P 27/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **SURFACTANT-FREE WATER-FREE FOAMABLE COMPOSITIONS, BREAKABLE FOAMS AND GELS AND THEIR USES**
[54] **COMPOSITIONS MOUSSANTES SANS EAU ET SANS SURFACTANT, MOUSSES ET GELS FRIABLES, AINSI QUE LEURS UTILISATIONS**
[72] TAMARKIN, DOV, IL
[72] GAZAL, ELANA, IL
[72] PAPIASHVILI, IRAKLIY, IL
[72] HAZOT, YOHAN, IL
[72] SCHUZ, DAVID, IL
[72] KEYNAN, RITA, IL
[73] FOAMIX PHARMACEUTICALS, LTD., IL
[85] 2012-04-02
[86] 2010-10-01 (PCT/IB2010/002612)
[87] (WO2011/039637)
[30] US (61/248,144) 2009-10-02
[30] US (61/322,148) 2010-04-08
[30] US (61/331,126) 2010-05-04
[30] US (61/349,911) 2010-05-31
[30] US (61/380,568) 2010-09-07
[30] US (61/385,385) 2010-09-22
[30] US (61/388,884) 2010-10-01

[11] **2,776,877**
[13] C
[51] **Int.Cl. G05B 19/18 (2006.01) G05B 19/409 (2006.01) G08C 17/00 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR CONTROLLING A MACHINE USING MOTION BASED SIGNALS AND INPUTS**
[54] **PROCEDE ET APPAREIL DE COMMANDE D'UNE MACHINE A L'AIDE D'ENTREES ET DE SIGNAUX FONDES SUR UN MOUVEMENT**
[72] DUECKMAN, LEONARD RUDY, CA
[73] DUECKMAN, LEONARD RUDY, CA
[85] 2012-04-05
[86] 2010-10-06 (PCT/CA2010/001559)
[87] (WO2011/041884)
[30] US (61/249,112) 2009-10-06

[11] **2,777,057**
[13] C
[51] **Int.Cl. H03M 7/40 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ARITHMETIC ENCODING OR ARITHMETIC DECODING**
[54] **PROCEDE ET DISPOSITIF DE CODAGE ARITHMETIQUE OU DE DECODAGE ARITHMETIQUE**
[72] WUEBBOLT, OLIVER, DE
[73] DOLBY INTERNATIONAL AB, NL
[85] 2012-04-05
[86] 2010-10-01 (PCT/EP2010/064644)
[87] (WO2011/042366)
[30] EP (09305961.6) 2009-10-09

---

[11] **2,777,589**
[13] C
[51] **Int.Cl. A63G 31/00 (2006.01)**
[25] EN
[54] **WATER AMUSEMENT DEVICE**
[54] **DISPOSITIF DE LOISIR AQUATIQUE**
[72] IRVINE, JAMES, CA
[72] WHITE, JILL, CA
[73] KINDERPLAY DESIGNS INC., CA
[85] 2012-04-13
[86] 2010-10-12 (PCT/CA2010/001582)
[87] (WO2011/044675)
[30] US (61/272,611) 2009-10-13

---

[11] **2,777,617**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR THE PREPARATION OF BEVERAGES**
[54] **CARTOUCHE POUR LA PREPARATION DE BOISSONS**
[72] YORK, GEOFFREY, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2012-04-13
[86] 2010-10-20 (PCT/GB2010/001953)
[87] (WO2011/048377)
[30] GB (0918575.2) 2009-10-22

---

[11] **2,777,891**
[13] C
[51] **Int.Cl. C04B 7/44 (2006.01) F27D 13/00 (2006.01) F27D 17/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR RECOVERY OF CO2 GAS IN CEMENT-MANUFACTURING FACILITIES, AND PROCESSES FOR MANUFACTURING CEMENT**
[54] **PROCEDES ET SYSTEMES POUR LA RECUPERATION DE CO2 GAZEUX DANS DES INSTALLATIONS DE FABRICATION DE CIMENT ET PROCEDES DE FABRICATION DE CIMENT**
[72] SHIMA, HIROKAZU, JP
[72] HIGUCHI, NAOHIRO, JP
[72] TAKAYAMA, YOSHINORI, JP
[72] KOMATSU, TAKUYA, JP
[72] WANG, JUNZHU, JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2012-04-16
[86] 2010-10-12 (PCT/JP2010/006047)
[87] (WO2011/048770)
[30] JP (2009-241375) 2009-10-20
[30] JP (2009-261121) 2009-11-16

---

[11] **2,778,573**
[13] C
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 76/02 (2009.01)**
[25] EN
[54] **PROXIMITY SESSION MOBILITY**
[54] **MOBILITE DE SESSION A PROXIMITE**
[72] TRINH, TRUNG, CA
[72] MICHAUD, ALAIN, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2778573)
[87] (2778573)
[22] 2012-06-01
[30] US (13/134396) 2011-06-06

---

[11] **2,778,650**
[13] C
[51] **Int.Cl. D21C 3/02 (2006.01) D21C 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THIN CHIP DIGESTER COOKING**
[54] **PROCEDE ET SYSTEME POUR LA CUISSON DE COPEAUX MINCES DANS UN LESSIVEUR**
[72] ENGSTROM, JOHANN, FI
[72] PIIRA, JUSSI, FI
[72] VEHMAA, JANNE, FI
[72] TERVOLA, VELI-PEKKA, FI
[72] LEAVITT, AARON, US
[73] ANDRITZ INC., US
[85] 2012-04-20
[86] 2010-11-19 (PCT/US2010/057417)
[87] (WO2011/066189)
[30] US (61/263,905) 2009-11-24

---

[11] **2,778,706**
[13] C
[51] **Int.Cl. F24C 15/18 (2006.01) F24C 7/06 (2006.01)**
[25] EN
[54] **HOUSEHOLD APPLIANCE HAVING SUPPORTS SUPPORTING A GLASS HEATING ELEMENT OF A WARMING DRAWER**
[54] **APPAREIL ELECTROMENAGER POURVU DE SUPPORTS SUPPORTANT UN ELEMENT CHAUFFANT EN VERRE D'UN TIROIR CHAUFFANT**
[72] HARWARD, SAMUEL, US
[72] PARKER, ROSE MARIE, US
[72] PERKINS, SIBYL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2778706)
[87] (2778706)
[22] 2012-06-04
[30] US (13/483,094) 2012-05-30

[11] **2,778,732**
[13] C
[51] **Int.Cl. F24C 15/08 (2006.01) A47B 91/00 (2006.01) A47B 91/02 (2006.01) D06F 37/20 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **HOME APPLIANCE WITH SUPPORT LEG COVER**
[54] **APPAREIL ELECTROMENAGER POURVU D'UN COUVERCLE DE PIEDS DE SUPPORT**
[72] ANDERSON, MAYLENE, US
[72] HENEGAR, CLIFFORD, US
[72] RUTHERFORD, MICHAEL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2778732)
[87] (2778732)
[22] 2012-05-29
[30] US (13/477,133) 2012-05-22

[11] **2,780,409**
[13] C
[51] **Int.Cl. F24C 15/18 (2006.01) F24C 15/14 (2006.01)**
[25] EN
[54] **HOUSEHOLD APPLIANCE HAVING A DRIP GUARD FOR A WARMING DRAWER**
[54] **APPAREIL ELECTROMENAGER POURVU D'UNE PROTECTION CONTRE L'EGOUTTAGE POUR UN TIROIR CHAUFFANT**
[72] BRINGE, WILLIAM, US
[72] HARWARD, SAMUEL, US
[72] PARKER, ROSE MARIE, US
[72] RUTHERFORD, MICHAEL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2780409)
[87] (2780409)
[22] 2012-06-15
[30] US (13/483,096) 2012-05-30

[11] **2,781,628**
[13] C
[51] **Int.Cl. C09J 7/02 (2006.01) B32B 7/06 (2006.01) G09F 3/00 (2006.01)**
[25] EN
[54] **RELEASE FILM HAVING A FOAMED STRUCTURE**
[54] **PELLICULE DE SEPARATION A STRUCTURE MOUSSEE**
[72] ENGELHARD, HEINZ, DE
[72] FUERST, MICHAEL, DE
[72] PANHANS, JUERGEN, DE
[72] MAUSER, MATTHIAS, DE
[73] INFIANA GERMANY GMBH & CO. KG, DE
[85] 2012-05-22
[86] 2010-11-19 (PCT/EP2010/007032)
[87] (WO2011/063914)
[30] DE (10 2009 054 322.8) 2009-11-24

[11] **2,782,724**
[13] C
[51] **Int.Cl. B01D 46/12 (2006.01) B01D 46/00 (2006.01) F02C 7/04 (2006.01) F02C 7/052 (2006.01)**
[25] EN
[54] **AIR INTAKE FOR A PLANT**
[54] **PRISE D'AIR POUR USINE**
[72] LANS, ERIK, SE
[73] CAMFIL AB, SE
[85] 2012-06-01
[86] 2009-12-18 (PCT/EP2009/067572)
[87] (WO2011/072756)

[11] **2,782,757**
[13] C
[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61P 3/10 (2006.01) A61P 37/06 (2006.01) C12M 3/00 (2006.01) C12M 3/04 (2006.01)**
[25] EN
[54] **STEM CELL IMMUNE MODULATION METHODS OF USE AND APPARATUS**
[54] **METHODES D'UTILISATION DE LA MODULATION IMMUNITAIRE DE CELLULES SOUCHES ET APPAREIL**
[72] ZHAO, YONG, US
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2012-06-04
[86] 2010-12-08 (PCT/US2010/059522)
[87] (WO2011/087637)
[30] US (61/283,782) 2009-12-08
[30] US (61/283,810) 2009-12-08

[11] **2,783,132**
[13] C
[51] **Int.Cl. C08K 5/18 (2006.01) C08J 5/00 (2006.01) C08L 23/12 (2006.01) C09C 1/00 (2006.01)**
[25] EN
[54] **CLARIFIED POLYPROPYLENE ARTICLES WITH IMPROVED OPTICAL PROPERTIES AND/OR INCREASED TEMPERATURE OF CRYSTALLIZATION**
[54] **ARTICLES EN POLYPROPYLENE CLARIFIE DOTES DE PROPRIETES OPTIQUES AMELIOREES ET/OU D'UNE TEMPERATURE DE CRISTALLISATION PLUS ELEVEE**
[72] YU, JIONG, US
[72] FINNEGAN, TAD, US
[72] MAIER, RALPH-DIETER, US
[73] BASF SE, DE
[85] 2012-06-06
[86] 2010-11-30 (PCT/US2010/058381)
[87] (WO2011/071718)
[30] US (61/267,219) 2009-12-07

[11] **2,784,206**
[13] C
[51] **Int.Cl. B41M 1/14 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING MULTICOLOR PRINT QUALITY**
[54] **PROCEDE DE CONTROLE DE LA QUALITE D'IMPRESSION DES MULTIPLES COULEURS PRIMAIRES**
[72] YAN, TAK KIN ANDREW, CN
[73] WING KING TONG PRINTING LIMITED, CN
[85] 2012-06-12
[86] 2009-12-17 (PCT/CN2009/001490)
[87] (WO2011/072425)

[11] **2,784,287**
[13] C
[51] **Int.Cl. B01J 13/12 (2006.01) A61K 8/11 (2006.01) A61K 9/16 (2006.01) B01F 5/12 (2006.01)**
[25] EN
[54] **EMULSION-BASED PROCESS FOR PREPARING MICROPARTICLES AND WORKHEAD ASSEMBLY FOR USE WITH SAME**
[54] **PROCEDE A BASE D'EMULSION POUR PREPARER DES MICROPARTICULES ET ENSEMBLE D'UNITE DE TRAVAIL DESTINEE A ETRE UTILISEE DANS LE PROCEDE**
[72] WINCHESTER, GARY, US
[72] MARKLAND, PETER, US
[73] EVONIK CORPORATION, US
[85] 2012-06-13
[86] 2010-12-15 (PCT/US2010/060473)
[87] (WO2011/087689)
[30] US (61/288,973) 2009-12-22

[11] **2,786,389**
[13] C
[51] **Int.Cl. B06B 1/06 (2006.01)**
[25] EN
[54] **MEGASONIC MULTIFREQUENCY APPARATUS WITH MATCHED TRANSDUCERS AND MOUNTING PLATE**
[54] **APPAREIL MULTIFREQUENCE MEGASONIQUE A TRANSDUCTEURS ADAPTES ET PLAQUE DE SUPPORT**
[72] GOODSON, J. MICHAEL, US
[73] MEGASONIC SWEEPING, INCORPORATED, US
[85] 2012-07-03
[86] 2010-11-10 (PCT/US2010/056265)
[87] (WO2011/060092)
[30] US (12/618,644) 2009-11-13

[11] **2,786,428**
[13] C
[51] **Int.Cl. C08B 30/12 (2006.01) A61K 31/718 (2006.01) A61M 1/28 (2006.01) B01D 61/14 (2006.01) C08B 30/02 (2006.01) C08B 30/18 (2006.01) C12P 19/04 (2006.01)**
[25] FR
[54] **BRANCHED SOLUBLE GLUCOSE POLYMERS FOR PERITONEAL DIALYSIS**
[54] **POLYMERES SOLUBLES DE GLUCOSE BRANCHES POUR LA DIALYSE PERITONEALE**
[72] GUERIN-DEREMAUX, LAETITIA, FR
[72] PETITJEAN, CAROLE, FR
[72] WILS, DANIEL, FR
[73] ROQUETTE FRERES, FR
[85] 2012-07-04
[86] 2011-02-01 (PCT/FR2011/050201)
[87] (WO2011/095736)
[30] FR (1050736) 2010-02-02

[11] **2,786,584**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 10/06 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **DYNAMIC GROUPING OF DOMAIN OBJECTS VIA SMART GROUPS**
[54] **GROUPAGE DYNAMIQUE D'OBJETS DE DOMAINE AU MOYEN DE GROUPES INTELLIGENTS**
[72] WOOD, STEPHEN BART, US
[72] ADAIR, NEAL L., US
[72] CHARTRAND, TIMOTHY A., US
[72] WALKER, KELLY G., US
[72] WILD, ALAN R., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2012-07-06
[86] 2010-12-03 (PCT/US2010/058915)
[87] (WO2011/112221)
[30] US (61/313,481) 2010-03-12

[11] **2,787,401**
[13] C
[51] **Int.Cl. B29B 17/04 (2006.01) C08J 11/06 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING AND DETOXIFYING A THERMOPLASTIC MATERIAL**
[54] **PROCEDE DE PREPARATION ET DE DETOXIFICATION D'UN MATERIAU THERMOPLASTIQUE**
[72] HACKL, MANFRED, AT
[72] FEICHTINGER, KLAUS, AT
[72] WENDELIN, GERHARD, AT
[72] WEIGERSTORFER, GEORG, AT
[72] DONALDSON, JAMES, GB
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2012-07-18
[86] 2011-01-17 (PCT/AT2011/000028)
[87] (WO2011/088488)
[30] AT (A 88/2010) 2010-01-22
[30] AT (A 211/2010) 2010-02-12

[11] **2,788,247**
[13] C
[51] **Int.Cl. B60C 11/12 (2006.01) B60C 11/04 (2006.01)**
[25] EN
[54] **PNEUMATIC VEHICLE TYRE**
[54] **PNEU DE VEHICULE**
[72] SEIDEL, MICHAEL, DE
[72] BLOM, MARTINE, DE
[73] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
[85] 2012-07-26
[86] 2011-02-08 (PCT/EP2011/051768)
[87] (WO2011/131381)
[30] DE (10 2010 016 508.5) 2010-04-19

[11] **2,789,047**
[13] C
[51] **Int.Cl. G06F 21/75 (2013.01) H03F 3/45 (2006.01) H03K 19/00 (2006.01)**
[25] EN
[54] **INTEGRATED CIRCUIT WITH LOGIC CIRCUITRY AND MULTIPLE CONCEALING CIRCUITS**
[54] **CIRCUIT INTEGRE DOTE D'UN CIRCUIT LOGIQUE ET DE PLUSIEURS CIRCUITS DE DISSIMULATION**
[72] GUNNAM, KIRAN K., US
[72] FULLER, JAY S., US
[73] CERTICOM CORP., CA
[86] (2789047)
[87] (2789047)
[22] 2012-09-04
[30] US (13/283,426) 2011-10-27

---

[11] **2,789,055**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **ORALLY ADMINISTRABLE PHARMACEUTICAL PELLET OF EPIDERMAL GROWTH FACTOR**
[54] **PASTILLE PHARMACEUTIQUE DE FACTEUR DE CROISSANCE EPIDERMIQUE ADMINISTRABLE ORALEMENT**
[72] UBIETA GOMEZ, RAIMUNDO, CU
[72] AGUILERA BARRETO, ANA, CU
[72] MARTINEZ DIAZ, EDUARDO, CU
[72] PAEZ MEIRELES, ROLANDO, CU
[72] SERENO GUERRA, ANTONIO, BE
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA (CIGB), CU
[73] BIOREC S.A., UY
[85] 2012-08-02
[86] 2011-02-10 (PCT/EP2011/051918)
[87] (WO2011/098499)
[30] EP (10382033.8) 2010-02-12

---

[11] **2,792,083**
[13] C
[51] **Int.Cl. F24F 12/00 (2006.01)**
[25] EN
[54] **HRV/ERV WITH IMPROVED AIR FLOW BALANCING AND METHOD OF OPERATING THE SAME**
[54] **VENTILATION DE RECUPERATION DE CHALEUR AVEC EQUILIBRAGE DE FLUX D'AIR AMELIORE ET METHODE DE FONCTIONNEMENT DE CELUI-CI**
[72] SALERNO, JOSEPH, CA
[73] SALERNO, JOSEPH, CA
[86] (2792083)
[87] (2792083)
[22] 2012-10-11

---

[11] **2,792,446**
[13] C
[51] **Int.Cl. B44F 9/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A BOARD-SHAPED PRODUCT HAVING A SURFACE COMPRISING A DECORATION**
[54] **PROCEDE ET DISPOSITIF DESTINES A LA FABRICATION D'UN PRODUIT EN FORME DE PLAQUE A SURFACE DECOREE**
[72] HAGSPIEL, RAIMUND, DE
[73] FRITZ EGGER GMBH & CO. OG, AT
[85] 2012-09-07
[86] 2011-01-19 (PCT/EP2011/050671)
[87] (WO2011/110373)
[30] DE (10 2010 010 784.0) 2010-03-09

---

[11] **2,793,774**
[13] C
[51] **Int.Cl. F16J 15/34 (2006.01) F16J 15/36 (2006.01)**
[25] FR
[54] **SEALING ELEMENT HAVING A RESILIENT CONICAL RING AND CASING FOR EXERTING PRESSURE**
[54] **ELEMENT D'ETANCHEITE A RONDELLE CONIQUE ELASTIQUE ET ENVELOPPE POUR EXERCER UN TARAGE**
[72] GUIMET, LAURENT, FR
[72] MORICE, LUDOVIC, FR
[72] LEFRANCOIS, MICHEL, FR
[72] JULIAA, JEAN-FRANCOIS, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] TECHNETICS GROUP FRANCE SAS, FR
[85] 2012-09-19
[86] 2011-04-11 (PCT/EP2011/055618)
[87] (WO2011/128289)
[30] FR (1052848) 2010-04-14

---

[11] **2,794,705**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) G01N 30/02 (2006.01) G01N 33/15 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKERS AND FOR THERAPEUTIC USE**
[54] **POLYPEPTIDES LIES AU COPOLYMERE 1 UTILES COMME MARQUEURS DE POIDS MOLECULAIRE ET A DES FINS THERAPEUTIQUES**
[72] GAD, ALEXANDER, IL
[72] LIS, DORA, IL
[73] YEDA RESEARCH AND DEVELOPMENT CO., LTD., IL
[86] (2794705)
[87] (2794705)
[22] 1999-09-24
[62] 2,343,929
[30] US (60/101,693) 1998-09-25

[11] **2,795,608**
[13] C
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **IMPROVED BONE RESECTOR**
[54] **INSTRUMENT AMELIORE DE RESECTION OSSEUSE**
[72] YOUNG, MICHAEL JOHN RADLEY, GB
[73] ORTHOSONICS LIMITED, GB
[85] 2012-10-05
[86] 2010-04-19 (PCT/GB2010/000776)
[87] (WO2010/122288)
[30] GB (0906930.3) 2009-04-23

---

[11] **2,796,014**
[13] C
[51] **Int.Cl. F03D 80/40 (2016.01) B64D 15/12 (2006.01)**
[25] EN
[54] **HEATING MATS ARRANGED IN A LOOP ON A BLADE**
[54] **GARNITURES CHAUFFANTES AGENCEES EN BOUCLE SUR UNE PALE**
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2012-10-10
[86] 2010-09-16 (PCT/EP2010/063622)
[87] (WO2011/127997)
[30] EP (10159632.8) 2010-04-12

---

[11] **2,796,319**
[13] C
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/68 (2006.01) A61B 17/86 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **SPINAL IMPLANTS AND SPINAL FIXINGS**
[54] **IMPLANTS RACHIDIENS ET FIXATIONS RACHIDIENNES**
[72] FITZPATRICK, NOEL, GB
[73] FITZBIONICS LIMITED, GB
[85] 2012-10-12
[86] 2011-04-21 (PCT/GB2011/050800)
[87] (WO2011/131994)
[30] GB (1006798.1) 2010-04-23

---

[11] **2,796,686**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 50/10 (2016.01) G06F 1/26 (2006.01) H04W 88/02 (2009.01) G01S 19/34 (2010.01)**
[25] EN
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR PROVIDING CHARGING ENERGY TO RECHARGE A PORTABLE POWER SUPPLY**
[54] **APPAREIL, ET METHODE ASSOCIEE, POUR FOURNIR L'ENERGIE DE CHARGE EN VUE DE RECHARGER UN DISPOSITIF D'ALIMENTATION PORTATIF**
[72] SMITH, MICHAEL GREGORY, US
[72] DELUCA, MICHAEL JOSEPH, US
[72] KEANE, JAMES ABRAHAM, US
[72] GERIS, RYAN ALEXANDER, CA
[72] DILL, SCOTT LEONARD, CA
[72] CHEN, HENRY YAO-TSU, US
[72] EATON, ERIC THOMAS, US
[72] BOS, JEFFREY CHARLES, CA
[72] VESELIC, DUSAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2796686)
[87] (2796686)
[22] 2012-11-21
[30] EP (11190699.6) 2011-11-25

---

[11] **2,798,107**
[13] C
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **COMMUNICATIONS SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE COMMUNICATION POUR AERONEF**
[72] BOMMER, OTTO, DE
[72] FINDEISEN, UDO, DE
[73] BECKER AVIONICS GMBH, DE
[85] 2012-11-01
[86] 2011-04-27 (PCT/EP2011/056620)
[87] (WO2011/138198)
[30] DE (10 2010 019 394.1) 2010-05-04

---

[11] **2,798,391**
[13] C
[51] **Int.Cl. G10K 11/16 (2006.01) E21B 15/02 (2006.01)**
[25] EN
[54] **SUBSEA NOISE MITIGATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ATTENUATION DE BRUIT SOUS-MARIN**
[72] WARD, JOHN MICHAEL, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2012-11-02
[86] 2011-05-09 (PCT/US2011/035707)
[87] (WO2011/143092)
[30] US (61/333,392) 2010-05-11

---

[11] **2,798,442**
[13] C
[51] **Int.Cl. B32B 21/00 (2006.01) B27D 1/04 (2006.01)**
[25] EN
[54] **MULTI-LAYER WOOD VENEER MOULDING**
[54] **CORPS FACONNE LAMELLE EN BOIS DE PLACAGE**
[72] FISCHER, CHRISTIAN, CH
[72] LAVANCHY, SEBASTIEN, CH
[72] WOLF, THOMAS, CH
[73] 3A TECHNOLOGY & MANAGEMENT LTD., CH
[85] 2012-11-05
[86] 2011-05-12 (PCT/EP2011/002351)
[87] (WO2011/141171)
[30] CH (00747/10) 2010-05-12

[11] **2,798,977**
[13] C
[51] **Int.Cl. B62D 55/04 (2006.01) B62D 55/20 (2006.01)**
[25] EN
[54] **TRACK SECTION WITH TWO LATERAL SUPPORT MEMBERS AND METHOD FOR PRODUCING A SUPPORT MEMBER FOR SUCH A TRACK SECTION**
[54] **SECTION CHENILLE POURVUE DE DEUX ELEMENTS DE SUPPORT LATERAUX ET PROCEDE DE PRODUCTION D'UN ELEMENT DE SUPPORT POUR UNE TELLE SECTION CHENILLE**
[72] BURSTROM, LENNART, SE
[73] OLOFSFORS AB, SE
[85] 2012-11-08
[86] 2010-05-12 (PCT/SE2010/050524)
[87] (WO2011/142701)

[11] **2,799,759**
[13] C
[51] **Int.Cl. E21B 10/567 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **DIAMOND ENHANCED DRILLING INSERT WITH HIGH IMPACT RESISTANCE**
[54] **ACCESSOIRE DE PERCAGE RENFORCE AU DIAMANT A HAUTE RESISTANCE AU CHOC**
[72] FANG, YI, US
[72] HORMAN, SCOTT L., US
[73] SMITH INTERNATIONAL, INC., US
[86] (2799759)
[87] (2799759)
[22] 2012-12-21
[30] US (61/581,757) 2011-12-30
[30] US (13/717,865) 2012-12-18

[11] **2,800,380**
[13] C
[51] **Int.Cl. C25D 5/02 (2006.01)**
[25] EN
[54] **METAL TREATMENT**
[54] **TRAITEMENT DU METAL**
[72] SHAWCROSS, JAMES TIMOTHY, GB
[72] TURNER, ANDREW DEREK, GB
[72] LEWIS, DAVID RICHARD, GB
[73] ACCENTUS MEDICAL LIMITED, GB
[85] 2012-11-20
[86] 2011-05-25 (PCT/GB2011/050984)
[87] (WO2011/154715)
[30] GB (1009772.3) 2010-06-11

[11] **2,800,469**
[13] C
[51] **Int.Cl. G01N 27/07 (2006.01) E21B 49/08 (2006.01) G01V 3/24 (2006.01)**
[25] EN
[54] **FLUID RESISTIVITY SENSOR**
[54] **CAPTEUR DE RESISTIVITE DE FLUIDE**
[72] LI, JING, US
[72] BITTAR, MICHAEL S., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-11-22
[86] 2010-06-01 (PCT/US2010/036898)
[87] (WO2011/152820)

[11] **2,801,932**
[13] C
[51] **Int.Cl. B60C 15/00 (2006.01)**
[25] EN
[54] **TIRE HAVING STAGGERED TURN-UPS**
[54] **PNEU DOTE DE REVERS DECALES**
[72] BUXTON, TODD A., US
[72] HARRIS, BRADLEY J., US
[72] IWAMOTO, TARO, JP
[72] SWARTZWELDER, CHRISTOPHER A., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2012-12-06
[86] 2011-06-29 (PCT/US2011/042313)
[87] (WO2012/003203)
[30] US (12/827,675) 2010-06-30

[11] **2,802,320**
[13] C
[51] **Int.Cl. E21B 47/08 (2012.01) E21B 44/00 (2006.01) E21B 45/00 (2006.01) G01B 7/13 (2006.01)**
[25] EN
[54] **DETECTING AND MITIGATING BOREHOLE DIAMETER ENLARGEMENT**
[54] **DETECTION ET REDUCTION DE L'AGRANDISSEMENT DU DIAMETRE DU TROU DE FORAGE**
[72] COLLARES, ANDRE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-12-11
[86] 2011-06-11 (PCT/US2011/040111)
[87] (WO2011/156798)
[30] US (61/354,078) 2010-06-11

[11] **2,802,330**
[13] C
[51] **Int.Cl. B25J 17/02 (2006.01) B23Q 1/54 (2006.01)**
[25] EN
[54] **A PARALLEL-KINEMATICAL MACHINE WITH GIMBAL HOLDERS**
[54] **MACHINE PARALLELE CINEMATIQUE PRESENTANT DES ELEMENTS DE RETENUE DE CARDAN**
[72] NEUMANN, KARL-ERIK, SE
[72] ANDERSSON, THOMAS, SE
[72] LARSSON, KRISTOFFER, SE
[72] PALMQUIST, FREDRIK, SE
[73] EXECHON TECHNOLOGIES HOLDING AB, SE
[85] 2012-12-11
[86] 2011-06-09 (PCT/SE2011/050709)
[87] (WO2011/159225)
[30] SE (1050623-6) 2010-06-17

[11] **2,802,451**
[13] C
[51] **Int.Cl. B64C 25/00 (2006.01) B64C 25/58 (2006.01) G01G 19/07 (2006.01)**
[25] EN
[54] **PIN BEARING ARRANGEMENT FOR AIRCRAFT LANDING GEAR**
[54] **DISPOSITIF DE BOULON ARTICULE POUR TRAIN D'ATTERRISSAGE D'AERONEF**
[72] GAGO TRIPERO, ANGEL MANUEL, ES
[72] LOPEZ AREVALO, JOSE LUIS, ES
[73] EADS CONSTRUCCIONES AERONAUTICAS, S.A., ES
[85] 2012-12-12
[86] 2011-06-13 (PCT/ES2011/070425)
[87] (WO2011/157879)
[30] EP (10382172.4) 2010-06-14

[11] **2,802,648**
[13] C
[51] **Int.Cl. G06F 13/00 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **WEB MANAGEMENT DEVICE, WEB MANAGEMENT METHOD, WEB MANAGEMENT PROGRAM, COMPUTER READABLE RECORDING MEDIUM FOR RECORDING SAID PROGRAM, AND WEB SYSTEM**
[54] **DISPOSITIF DE GESTION INTERNET, PROCEDE DE GESTION INTERNET, PROGRAMME DE GESTION INTERNET, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR POUR L'ENREGISTREMENT DUDIT PROGRAMME ET SYSTEME INTERNET**
[72] FUJIWARA, YUSUKE, JP
[72] MASUKO, SOH, JP
[72] IWABUCHI, SHIGAKU, JP
[73] RAKUTEN, INC., JP
[85] 2012-12-13
[86] 2011-06-28 (PCT/JP2011/064818)
[87] (WO2012/023346)
[30] JP (2010-181820) 2010-08-16
[30] JP (2010-207054) 2010-09-15

---

[11] **2,802,970**
[13] C
[51] **Int.Cl. D06F 17/06 (2006.01) D06F 17/10 (2006.01) D06F 21/06 (2006.01)**
[25] EN
[54] **METHOD FOR DRIVING CLOTHES TO ROLL IN UPRIGHT BARREL BY USING IMPELLERS AND APPLICATION THEREOF**
[54] **METHODE D'ENTRAINEMENT DES VETEMENTS A ROULER DANS UN BARIL VERTICAL AU MOYEN D'HELICES ET APPLICATION ASSOCIEE**
[72] PAN, XUEZHEN, CN
[73] HEFEI GOOLU TECH. WASHER CO., LTD., CN
[85] 2012-12-17
[86] 2010-11-30 (PCT/CN2010/001923)
[87] (WO2011/156944)
[30] CN (201010198042.2) 2010-06-11

---

[11] **2,803,179**
[13] C
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 4/00 (2009.01) H04W 80/04 (2009.01)**
[25] EN
[54] **INFORMATION DISTRIBUTION IN A WIRELESS COMMUNICATION SYSTEM**
[54] **DISTRIBUTION D'INFORMATION DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] GAGE, WILLIAM ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-12-19
[86] 2011-06-22 (PCT/CA2011/050376)
[87] (WO2011/160228)
[30] US (12/820,638) 2010-06-22

---

[11] **2,803,514**
[13] C
[51] **Int.Cl. A47F 9/04 (2006.01)**
[25] EN
[54] **A CHECKOUT COUNTER**
[54] **COMPTOIR DE CAISSE**
[72] TOERNWALL, MAGNUS, SE
[72] VON SYDOW, CARL, SE
[72] MOELLER, JOHAN, SE
[72] KOOI, ERIK, NL
[72] BOITEN, HUGO, NL
[73] ITAB SCANFLOW AB, SE
[85] 2012-12-20
[86] 2011-06-23 (PCT/SE2011/050839)
[87] (WO2012/005660)
[30] SE (1050766-3) 2010-07-08
[30] SE (1051090-7) 2010-10-19

---

[11] **2,804,522**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/03 (2006.01) A61B 17/062 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CLOSING AN OPENING IN THICK, MOVING TISSUE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FERMER UNE OUVERTURE DANS UN TISSU EPAIS EN MOUVEMENT**
[72] SAUER, JUDE S., US
[72] BOVARD, MARK A., US
[72] HAMMOND, JOHN F., US
[73] LSI SOLUTIONS, INC., US
[85] 2013-01-04
[86] 2011-06-09 (PCT/US2011/039710)
[87] (WO2012/009069)
[30] US (12/835,464) 2010-07-13

---

[11] **2,805,384**
[13] C
[51] **Int.Cl. B65D 33/06 (2006.01)**
[25] EN
[54] **BAG WITH SECONDARY HANDLE**
[54] **SAC A POIGNEE SECONDAIRE**
[72] SAVILLE, TARA J., US
[72] SALE, MARK D., US
[72] PAULSON, JAY B., US
[73] SAVILLE, TARA J., US
[73] SALE, MARK D., US
[73] PAULSON, JAY B., US
[85] 2013-01-14
[86] 2011-07-06 (PCT/US2011/043098)
[87] (WO2012/006371)
[30] US (61/361,788) 2010-07-06
[30] US (13/176,737) 2011-07-05

---

[11] **2,807,113**
[13] C
[51] **Int.Cl. H01S 3/06 (2006.01) H01S 3/082 (2006.01) H01S 3/098 (2006.01)**
[25] EN
[54] **LIGHT SOURCE LASER UTILIZING LASER COMPTON SCATTERING**
[54] **SOURCE DE LUMIERE LASER UTILISANT LA DIFFUSION COMPTON**
[72] HONDA, YOSUKE, JP
[72] URAKAWA, JUNJI, JP
[72] SAKAUE, KAZUYUKI, JP
[73] INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION, JP
[85] 2013-01-30
[86] 2010-07-29 (PCT/JP2010/062750)
[87] (WO2011/016379)
[30] JP (2009-182822) 2009-08-05

---

[11] **2,807,760**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) F03D 9/17 (2016.01)**
[25] EN
[54] **HYDRAULIC GEOFRACTURE ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE PAR FRACTURATION HYDRAULIQUE**
[72] SCHMIDT, HOWARD K., US
[73] SCHMIDT, HOWARD K., US
[85] 2013-02-07
[86] 2010-08-10 (PCT/US2010/045068)
[87] (WO2011/019750)
[30] US (61/232,625) 2009-08-10
[30] US (12/853,066) 2010-08-09

[11] **2,807,885**
[13] C
[51] **Int.Cl. G01V 1/104 (2006.01) G01V 1/13 (2006.01) G01V 1/157 (2006.01)**
[25] EN
[54] **SEISMIC ENERGY SOURCES AND METHODS OF USE**
[54] **SOURCES D'ENERGIE SISMIQUE ET PROCEDES D'UTILISATION**
[72] WILLIS, MARK ELLIOT, US
[72] AY, ERKAN, US
[72] WARPINSKI, NORM, US
[72] CHEN, TIANRUN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2807885)
[87] (2807885)
[22] 2013-02-28
[30] US (13/453,776) 2012-04-23

[11] **2,808,321**
[13] C
[51] **Int.Cl. G06Q 50/00 (2012.01) A61J 1/03 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **DETECTING NON-COMPLIANCE PATTERNS IN PRESCRIBED MEDICATION DOSES**
[54] **DETECTION DE MOTIFS DE NON-COMPLIANCE DANS DES DOSES DE MEDICAMENT PRESCRITES**
[72] STEVENS, GERARD, AU
[73] MANREX PTY. LTD, AU
[85] 2013-02-14
[86] 2011-08-16 (PCT/AU2011/001030)
[87] (WO2012/021920)
[30] AU (2010903661) 2010-08-16

[11] **2,809,389**
[13] C
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **LINEAR FRICTION WELDING SYSTEM WITH ECCENTRICS**
[54] **SYSTEME DE SOUDAGE PAR FRICTION LINEAIRE DOTE D'EXCENTRIQUES**
[72] JOHNSON, STEPHEN A., US
[72] GORSKI, THADDEUS W., US
[73] APCI, LLC, US
[85] 2013-02-25
[86] 2011-08-23 (PCT/US2011/048785)
[87] (WO2012/027352)
[30] US (12/868,623) 2010-08-25

[11] **2,810,672**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01) B29D 7/01 (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
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2013-03-06
[86] 2011-09-09 (PCT/US2011/050931)
[87] (WO2012/033977)
[30] US (61/381,286) 2010-09-09

[11] **2,810,732**
[13] C
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/7048 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHOD FOR IMPROVING ENDOTHELIAL FUNCTION AND CARDIOVASCULAR HEALTH**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER LA FONCTION ENDOTHELIALE ET LA SANTE CARDIOVASCULAIRE**
[72] GHOSAL, SHIBNATH, IN
[72] VEERARAGAVAN, MURUGANANDAM, IN
[72] KALIDINDI, SANYASI R., US
[73] NATREON, INC., US
[86] (2810732)
[87] (2810732)
[22] 2013-03-28
[30] US (61/618,289) 2012-03-30
[30] US (13/850,911) 2013-03-26

[11] **2,812,408**
[13] C
[51] **Int.Cl. B60N 2/22 (2006.01) B60N 2/20 (2006.01)**
[25] EN
[54] **RECLINER MECHANISM WITH DUMP FEATURE**
[54] **MECANISME A BASCULE AVEC FONCTION DE VIDANGE**
[72] ESPINOSA, JOSEPH C., US
[72] SIMMS, ANDREW JOSHUA, US
[72] BERNDTSON, JOHN J., US
[72] ROBINSON, DAVID L., US
[73] FISHER & COMPANY, INCORPORATED, US
[86] (2812408)
[87] (2812408)
[22] 2013-04-10
[30] US (61/622,568) 2012-04-11
[30] US (13/859,349) 2013-04-09

[11] **2,813,445**
[13] C
[51] **Int.Cl. G09F 3/10 (2006.01) B32B 7/12 (2006.01) B32B 27/06 (2006.01) B44C 3/02 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **HEAT TRANSFER LABEL FOR DECORATING A METAL CONTAINER**
[54] **ETIQUETTE IMPRIMEE PAR REPORT A CHAUD POUR DECORATION DE CONTENANT METALLIQUE**
[72] ANSARI, SAIFUDDIN M., US
[72] YEE, IGNATIUS S., US
[72] BARNHARDT, DOUGLAS L., US
[72] WOJEWODA, ROBERT J., US
[73] MCC-NORWOOD LLC, US
[85] 2013-04-02
[86] 2011-10-19 (PCT/US2011/056802)
[87] (WO2012/054550)
[30] US (61/394,843) 2010-10-20

[11] **2,813,939**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 88/02 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR PROVIDING ACTION ITEM REMINDERS**
[54] **PROCEDES ET DISPOSITIFS POUR FOURNIR DES RAPPELS EN MATIERE DE MESURES A PRENDRE**
[72] BORG, CARL MAGNUS, US
[72] OLSSON, LARS JOHAN ANDERS, US
[72] NEUMANN, JOHN CROSS, CA
[73] BLACKBERRY LIMITED, CA
[86] (2813939)
[87] (2813939)
[22] 2013-04-19
[30] US (13/472,232) 2012-05-15

[11] **2,814,797**
[13] C
[51] **Int.Cl. C08F 2/32 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING WATER-ABSORBENT RESIN PARTICLES AND WATER-ABSORBENT RESIN PARTICLES**
[54] **PROCEDE DE PRODUCTION DE PARTICULES DE RESINE ABSORBANT L'EAU ET PARTICULES DE RESINE ABSORBANT L'EAU**
[72] HEGURI, ATSUSHI, JP
[72] TANIMURA, KENJI, JP
[72] ONODA, YUICHI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2013-04-15
[86] 2010-11-24 (PCT/JP2010/070905)
[87] (WO2012/053121)
[30] JP (2010-233906) 2010-10-18

[11] **2,816,915**
[13] C
[51] **Int.Cl. A61B 5/0215 (2006.01)**
[25] EN
[54] **INTERFACE UNIT, MEASUREMENT SYSTEM AND A METHOD IN AN INTERFACE UNIT**
[54] **UNITE D'INTERFACE, SYSTEME DE MESURE ET PROCEDE DANS UNE UNITE D'INTERFACE**
[72] SAMUELSSON, MAGNUS, SE
[73] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
[85] 2013-05-03
[86] 2011-11-09 (PCT/EP2011/069728)
[87] (WO2012/062797)
[30] US (61/413,012) 2010-11-12
[30] SE (1150174-9) 2011-02-25
[30] US (61/446,568) 2011-02-25

[11] **2,814,794**
[13] C
[51] **Int.Cl. A01N 59/00 (2006.01) A01N 25/14 (2006.01) A01N 25/30 (2006.01) A01N 37/16 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC ACTIVITY OF PERACETIC ACID AND AT LEAST ONE SAR INDUCER FOR THE CONTROL OF PATHOGENS IN AND ONTO GROWING PLANTS**
[54] **ACTIVITE SYNERGETIQUE D'ACIDE PERACETIQUE ET D'AU MOINS UN INDUCTEUR DE RESISTANCE SYSTEMIQUE ACQUISE (RSA) POUR LA LUTTE CONTRE DES PATHOGENES DANS ET SUR DES PLANTES EN TRAIN DE CROITRE**
[72] CASSANDRA, MARCO, CA
[72] DAGHER, FADI, CA
[73] AGRI-NEO INC., CA
[85] 2013-04-15
[86] 2011-09-28 (PCT/CA2011/001091)
[87] (WO2012/051699)
[30] US (61/405,849) 2010-10-22

[11] **2,816,401**
[13] C
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 39/12 (2006.01) A61P 31/12 (2006.01) A61P 37/04 (2006.01) C07K 19/00 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **GENERATION OF ANTIGENIC VIRUS-LIKE PARTICLES THROUGH PROTEIN-PROTEIN LINKAGES**
[54] **GENERATION DE PARTICULES DE TYPE VIRUS ANTIGENIQUES PAR DES LIAISONS PROTEINE-PROTEINE**
[72] PADGETT, HAL, US
[73] NOVICI BIOTECH LLC, US
[85] 2013-04-29
[86] 2010-11-05 (PCT/US2010/055717)
[87] (WO2011/057134)
[30] US (61/258,152) 2009-11-05

[11] **2,817,148**
[13] C
[51] **Int.Cl. A61M 1/36 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **SENSOR CLIP ASSEMBLY FOR AN OPTICAL MONITORING SYSTEM**
[54] **ENSEMBLE PINCE DE CAPTEUR DESTINE A UN SYSTEME DE SURVEILLANCE OPTIQUE**
[72] BARRETT, LOUIS L., US
[72] PETERSON, DAVID W., US
[72] STOWELL, MATTHEW A., US
[72] LAW, PERRY N., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2013-05-06
[86] 2011-11-17 (PCT/US2011/061273)
[87] (WO2012/068416)
[30] US (61/414,654) 2010-11-17
[30] US (13/030,212) 2011-02-18
[30] US (13/034,788) 2011-02-25
[30] US (61/553,078) 2011-10-28

[11] **2,817,814**
[13] C
[51] **Int.Cl. E02F 9/24 (2006.01) B62D 5/32 (2006.01) E02F 9/20 (2006.01) E02F 9/26 (2006.01)**
[25] EN
[54] **MACHINE CONTROL SYSTEM HAVING AUTONOMOUS RESOURCE QUEUING**
[54] **SYSTEME DE COMMANDE DE MACHINE A FILE D'ATTENTE DE RESSOURCE AUTONOME**
[72] EVERETT, BRYAN J., US
[72] SIEMER, MICHAEL, AU
[72] KOEHRSEN, CRAIG L., US
[72] VITALE, ANDREW J., US
[72] ELLWOOD, JOHN R., AU
[73] CATERPILLAR INC., US
[85] 2013-05-13
[86] 2011-11-02 (PCT/US2011/058874)
[87] (WO2012/074656)
[30] US (61/418,316) 2010-11-30
[30] US (13/198,480) 2011-08-04

[11] **2,817,818**
[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) B62D 5/32 (2006.01) E02F 9/24 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTONOMOUS PATH PLANNING AND MACHINE CONTROL**
[54] **SYSTEME POUR PLANIFIER UNE VOIE AUTONOME ET COMMANDE DE MACHINE**
[72] EVERETT, BRYAN J., US
[72] VITALE, ANDREW J., US
[72] KOEHRSEN, CRAIG L., US
[72] HUMPHREY, JAMES D., US
[73] CATERPILLAR INC., US
[85] 2013-05-13
[86] 2011-11-02 (PCT/US2011/058876)
[87] (WO2012/074658)
[30] US (61/418,335) 2010-11-30
[30] US (13/198,428) 2011-08-04

[11] **2,818,406**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **MULTI-MODE WEB BROWSING**
[54] **NAVIGATION WEB MULTI-MODE**
[72] JITKOFF, JOHN NICHOLAS, US
[72] MURPHY, GLEN, US
[73] GOOGLE INC., US
[85] 2013-05-16
[86] 2011-11-18 (PCT/US2011/061497)
[87] (WO2012/068521)
[30] US (61/415,339) 2010-11-18

[11] **2,819,372**
[13] C
[51] **Int.Cl. E21B 47/09 (2012.01) E21B 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC CONTROL AND POSITIONING OF AUTONOMOUS DOWNHOLE TOOLS**
[54] **PROCEDE DE COMMANDE ET DE POSITIONNEMENT AUTOMATIQUES D'OUTILS AUTONOMES DE FOND DE TROU**
[72] KUMARAN, KRISHNAN, US
[72] SUBRAHMANYA, NIRANJAN A., US
[72] ENTCHEV, PAVLIN B., US
[72] TOLMAN, RANDY C., US
[72] ANGELES BOZA, RENZO M., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-05-29
[86] 2011-11-17 (PCT/US2011/061221)
[87] (WO2012/082302)
[30] US (61/424,285) 2010-12-17

[11] **2,819,391**
[13] C
[51] **Int.Cl. H01M 10/0525 (2010.01) H01M 4/1391 (2010.01) H01M 4/13915 (2010.01) H01M 10/058 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING OF SLURRY FOR PRODUCTION OF BATTERY FILM**
[54] **PROCEDE POUR LA FABRICATION DE SUSPENSION POUR LA PRODUCTION DE FILM DE BATTERIE**
[72] HAUGSETER, BJORN, NO
[72] HENRIKSEN, TOM, NO
[72] SRIVASTAVA, AKHILESH KUMAR, NO
[72] VALOEN, LARS OLE, NO
[73] ELECTROVAYA INC., CA
[85] 2013-04-29
[86] 2011-10-24 (PCT/IB2011/054738)
[87] (WO2012/056389)
[30] NO (2010 1514) 2010-10-28

[11] **2,819,841**
[13] C
[51] **Int.Cl. B61H 11/06 (2006.01) B61C 17/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AIR PROPAGATION DATA IN A BRAKING ARRANGEMENT OF A TRAIN**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LES DONNEES DE PROPAGATION DE L'AIR DANS L'AGENCEMENT DE FREINAGE D'UN TRAIN**
[72] KERNWEIN, JEFFREY D., US
[72] WILSON, M. FRANK, US
[73] WABTEC HOLDING CORP., US
[85] 2013-06-03
[86] 2011-12-02 (PCT/US2011/063041)
[87] (WO2012/087538)
[30] US (12/976,267) 2010-12-22

[11] **2,820,969**
[13] C
[51] **Int.Cl. F04B 43/08 (2006.01) A61M 5/142 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **FLUID DELIVERY DEVICE IDENTIFICATION AND LOADING SYSTEM**
[54] **SYSTEME D'IDENTIFICATION ET DE CHARGEMENT DE DISPOSITIF DE DISTRIBUTION DE FLUIDE**
[72] MOY, YEI F., US
[72] ZIEGLER, JOHN S., US
[73] ICU MEDICAL, INC., US
[85] 2013-06-07
[86] 2011-12-22 (PCT/US2011/066808)
[87] (WO2012/088401)
[30] US (61/426,348) 2010-12-22
[30] US (13/333,228) 2011-12-21

---

[11] **2,821,610**
[13] C
[51] **Int.Cl. G01N 27/22 (2006.01) A01F 25/00 (2006.01) G01N 33/10 (2006.01)**
[25] EN
[54] **GRAIN BIN CAPACITIVE MOISTURE SENSOR SYSTEM AND METHOD**
[54] **SYSTEME DE DETECTEURS D'HUMIDITE CAPACITIFS POUR SILO A GRAINS ET PROCEDE CONNEXE**
[72] BLOEMENDAAL, BRENT J., US
[72] BENSON, RAYMOND GEORGE, US
[73] CTB, INC., US
[86] (2821610)
[87] (2821610)
[22] 2013-07-24
[30] US (13/569,804) 2012-08-08

---

[11] **2,822,528**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/485 (2006.01) A61K 45/06 (2006.01) A61P 1/10 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **A COMBINATION OF AN OPIOID AGONIST AND AN OPIOID ANTAGONIST IN THE TREATMENT OF PARKINSON'S DISEASE**
[54] **COMBINAISON D'UN AGONISTE DES OPIOIDES ET D'UN ANTAGONISTE DES OPIOIDES DANS LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] HOPP, MICHAEL, DE
[72] TRENKWALDER, CLAUDIA, DE
[73] EURO-CELTIQUE S.A., LU
[85] 2013-06-20
[86] 2011-12-27 (PCT/EP2011/074103)
[87] (WO2012/089738)
[30] EP (10197210.7) 2010-12-28

---

[11] **2,823,023**
[13] C
[51] **Int.Cl. C08K 3/00 (2006.01) C08K 3/04 (2006.01) C08K 3/34 (2006.01) C08L 23/22 (2006.01)**
[25] EN
[54] **ELASTOMERIC NANOCOMPOSITES, NANOCOMPOSITE COMPOSITIONS, AND METHODS OF MANUFACTURE**
[54] **NANOCOMPOSITES ELASTOMERES, COMPOSITIONS DE NANOCOMPOSITE, ET PROCEDES DE FABRICATION**
[72] WENG, WEIQING, US
[72] RODGERS, MICHAEL B., US
[72] UPTON, MOLLY W., US
[72] SOISSON, JOHN PATRICK, US
[72] WEBB, ROBERT N., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2013-06-25
[86] 2011-12-06 (PCT/US2011/063551)
[87] (WO2012/102788)
[30] US (13/013,551) 2011-01-25

---

[11] **2,823,153**
[13] C
[51] **Int.Cl. F02C 7/262 (2006.01) F02C 7/275 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **AIRCRAFT AND GAS TURBINE ENGINE**
[54] **AVION ET TURBINE A GAZ**
[72] BETTNER, JAMES LEE, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2013-06-26
[86] 2011-12-23 (PCT/US2011/067123)
[87] (WO2012/092171)
[30] US (61/427,724) 2010-12-28

---

[11] **2,823,589**
[13] C
[51] **Int.Cl. H04B 1/04 (2006.01) H01Q 9/04 (2006.01) H04B 7/005 (2006.01)**
[25] EN
[54] **DATA AND/OR COMMAND SIGNAL TRANSMISSION DEVICE WITH ANTENNA ARRANGEMENTS**
[54] **DISPOSITIF DE TRANSMISSION DE DONNEES ET/OU DE SIGNAL DE COMMANDE DOTE DE DISPOSITIFS D'ANTENNE**
[72] BISIG, MARTIN, CH
[73] SWISS TIMING LTD., CH
[86] (2823589)
[87] (2823589)
[22] 2013-08-09
[30] EP (12183182.0) 2012-09-05

---

[11] **2,825,485**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **USE OF A VISCOELASTIC FLUID FOR PRODUCING A MEDICINAL PRODUCT FOR SURGICALLY TREATING THE EYE**
[54] **UTILISATION D'UN FLUIDE VISCOELASTIQUE POUR LA PREPARATION D'UN PRODUIT MEDICAL POUR LE TRAITEMENT CHIRURGICAL DE L'OEIL**
[72] FINDL, OLIVER, AT
[73] VALEANT SP. Z.O.O.SP.J., PL
[85] 2013-07-23
[86] 2012-03-05 (PCT/EP2012/053710)
[87] (WO2012/117115)
[30] AT (A 288/2011) 2011-03-03

[11] **2,825,681**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/46 (2006.01) G06K 9/60 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **OBJECT IDENTIFICATION AND AUTHENTICATION**
[54] **IDENTIFICATION ET AUTHENTIFICATION D'OBJET**
[72] ROSS, DAVID JUSTIN, US
[72] ELMENHURST, BRIAN J., US
[73] ALITHEON, INC., US
[86] (2825681)
[87] (2825681)
[22] 2013-08-30

---

[11] **2,826,296**
[13] C
[51] **Int.Cl. E04B 1/41 (2006.01) E04B 1/98 (2006.01) E04B 2/30 (2006.01) E04F 13/22 (2006.01)**
[25] EN
[54] **PULLOUT RESISTANT PINTLE AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **CHEVILLE ANTI-ARRACHEMENT ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2826296)
[87] (2826296)
[22] 2013-09-06
[30] US (13/620,882) 2012-09-15

---

[11] **2,826,401**
[13] C
[51] **Int.Cl. H04W 16/14 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AVOIDING IN-DEVICE COEXISTENCE INTERFERENCE WITH PREFERRED FREQUENCY NOTIFICATION**
[54] **PROCEDE ET DISPOSITIF POUR EVITER DES INTERFERENCES DE COEXISTENCE A L'INTERIEUR D'UN APPAREIL PAR NOTIFICATION DE FREQUENCES PREFEREES**
[72] KOO, CHANGHOI, US
[72] LI, JUN, US
[72] HEO, YOUN HYOUNG, KR
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-01
[86] 2012-02-17 (PCT/US2012/025598)
[87] (WO2012/112861)
[30] US (61/444,657) 2011-02-18
[30] US (13/069,912) 2011-03-23

---

[11] **2,827,156**
[13] C
[51] **Int.Cl. G10L 19/10 (2013.01)**
[25] EN
[54] **ENCODING AND DECODING OF PULSE POSITIONS OF TRACKS OF AN AUDIO SIGNAL**
[54] **CODAGE ET DECODAGE DES POSITIONS D'IMPULSION DES PISTES D'UN SIGNAL AUDIO**
[72] BACKSTROM, TOM, DE
[72] FUCHS, GUILLAUME, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-08-12
[86] 2012-02-10 (PCT/EP2012/052294)
[87] (WO2012/110416)
[30] US (61/442,632) 2011-02-14

---

[11] **2,827,214**
[13] C
[51] **Int.Cl. A61K 31/403 (2006.01) A61K 31/404 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) C07D 209/82 (2006.01)**
[25] EN
[54] **LIPOXYGENASE INHIBITORS**
[54] **INHIBITEURS DE LIPOXYGENASE**
[72] JONG, LING, US
[73] SRI INTERNATIONAL, US
[85] 2013-08-13
[86] 2012-03-26 (PCT/US2012/030595)
[87] (WO2012/135133)
[30] US (61/470,609) 2011-04-01

---

[11] **2,827,389**
[13] C
[51] **Int.Cl. F16K 5/06 (2006.01) F16K 31/60 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **BALL VALVE WITH INTEGRATED CAM OPERATED INTERNAL MICROSWITCH**
[54] **ROBINET A BILLE DOTE D'UN MICRORUPTEUR INTERNE ACTIONNE PAR CAME INTEGREE**
[72] EVATT, S. CLAY, US
[72] CHILDERS, GREGORY S., US
[73] WABTEC HOLDING CORP., US
[85] 2013-08-14
[86] 2012-02-21 (PCT/US2012/025935)
[87] (WO2012/115961)
[30] US (13/032,935) 2011-02-23

---

[11] **2,827,598**
[13] C
[51] **Int.Cl. B07B 13/16 (2006.01)**
[25] EN
[54] **FEEDER CHANNEL FOR MUD SHAKER**
[54] **CANAL D'ALIMENTATION POUR AGITATEUR DE BOUE**
[72] DAHL, BJORN, NO
[73] OPTIPRO AS, NO
[85] 2013-08-16
[86] 2011-05-16 (PCT/NO2011/000152)
[87] (WO2011/145945)
[30] NO (20100746) 2010-05-20
[30] US (61/347,258) 2010-05-21

[11] **2,827,720**
[13] C
[51] **Int.Cl. C10J 3/20 (2006.01) A62D 3/38 (2007.01) A62D 3/40 (2007.01) F23G 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING USED CARBON-CONTAINING CATHODE MATERIAL**
[54] **PROCEDE POUR TRAITER DU MATERIAU CATHODIQUE USAGE CONTENANT DU CARBONE**
[72] EDLINGER, ALFRED, AT
[72] DAIMER, JOHANN, DE
[73] SGL CARBON SE, DE
[85] 2013-08-19
[86] 2012-02-22 (PCT/EP2012/053006)
[87] (WO2012/113826)
[30] AT (A 245/2011) 2011-02-23

---

[11] **2,828,287**
[13] C
[51] **Int.Cl. G01N 1/22 (2006.01) G01N 1/02 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **SAMPLING CONTAINER FOR COLLECTION OF FLUIDS**
[54] **RECIPIENT D'ECHANTILLONNAGE POUR COLLECTE DE FLUIDES**
[72] COLEMAN, TODD, CH
[72] RICE, CORBEN, CH
[72] COLEMAN, DENNIS, CH
[73] WEATHERFORD SWITZERLAND TRADING AND DEVELOPMENT GMBH, CH
[85] 2013-08-23
[86] 2012-03-14 (PCT/US2012/028995)
[87] (WO2012/125675)
[30] US (61/465,086) 2011-03-14

---

[11] **2,829,578**
[13] C
[51] **Int.Cl. G01B 21/30 (2006.01) G01B 11/30 (2006.01) G01B 15/08 (2006.01) G01N 21/91 (2006.01)**
[25] EN
[54] **INTELLIGENT AIRFOIL COMPONENT SURFACE INSPECTION**
[54] **INSPECTION DE LA SURFACE D'UN ELEMENT A PROFIL AERODYNAMIQUE INTELLIGENT**
[72] KUSH, MATT, US
[72] MA, KONG, US
[72] MORIARTY, ROBERT, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028477)
[87] (WO2012/122473)
[30] US (61/451,036) 2011-03-09

---

[11] **2,830,093**
[13] C
[51] **Int.Cl. A47J 47/20 (2006.01)**
[25] EN
[54] **BOTTLE DRYING STAND**
[54] **SUPPORT DE SECHAGE DE BOUTEILLES**
[72] YESSIN, JULIE L., US
[73] DART INDUSTRIES INC., US
[86] (2830093)
[87] (2830093)
[22] 2013-10-17
[30] US (13/683,402) 2012-11-21

---

[11] **2,830,360**
[13] C
[51] **Int.Cl. G06F 11/00 (2006.01) G06F 21/60 (2013.01)**
[25] EN
[54] **INFORMATION MONITORING APPARATUS AND INFORMATION MONITORING METHOD**
[54] **DISPOSITIF DE SURVEILLANCE D'INFORMATIONS ET PROCEDE DE SURVEILLANCE D'INFORMATIONS**
[72] ITO, NAOKO, JP
[73] NEC CORPORATION, JP
[85] 2013-09-16
[86] 2012-02-20 (PCT/JP2012/054674)
[87] (WO2012/127987)
[30] JP (2011-066206) 2011-03-24

---

[11] **2,831,137**
[13] C
[51] **Int.Cl. B61G 3/00 (2006.01) B61G 1/04 (2006.01)**
[25] EN
[54] **COUPLER SUPPORT MECHANISM**
[54] **MECANISME DE SUPPORT D'ATTELAGE**
[72] PECKHAM, JASON D., US
[73] WABTEC HOLDING CORP., US
[85] 2013-09-23
[86] 2012-04-04 (PCT/US2012/032068)
[87] (WO2012/138692)
[30] US (61/473,353) 2011-04-08
[30] US (13/438,210) 2012-04-03

---

[11] **2,831,588**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **CROSS-COMPILING SWF TO HTML USING AN INTERMEDIATE FORMAT**
[54] **COMPILATION CROISEE DE SWF EN HTML A L'AIDE D'UN FORMAT INTERMEDIAIRE**
[72] SENSTER, PIETER, GB
[73] GOOGLE INC., US
[85] 2013-09-26
[86] 2012-02-07 (PCT/US2012/024121)
[87] (WO2012/134633)
[30] US (13/073,916) 2011-03-28

[11] **2,832,426**
[13] C
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/12 (2006.01) A61K 31/4178 (2006.01) A61K 31/422 (2006.01) A61K 31/427 (2006.01) C07D 403/14 (2006.01) C07D 405/10 (2006.01) C07D 405/14 (2006.01) C07D 409/10 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **SUBSTITUTED AZOLES, ANTI-VIRAL ACTIVE INGREDIENT, PHARMACEUTICAL COMPOSITION, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **AZOLES SUBSTITUES, INGREDIENT ACTIF ANTIVIRAL, COMPOSITION PHARMACEUTIQUE ET LEUR PROCEDE DE PREPARATION ET D'UTILISATION**
[72] BICHKO, VADIM VASILIEVICH, US
[72] MITKIN, OLEG DMITRIEVICH, RU
[72] IVACHTCHENKO, ALEXANDRE VASILIEVICH, US
[73] SAVCHUK, NIKOLAY FILIPPOVICH, US
[73] IVASHCHENKO, ANDREY ALEXANDROVICH, RU
[73] IVACHTCHENKO, ALEXANDRE VASILIEVICH, US
[73] ALLA CHEM, LLC, US
[85] 2013-10-04
[86] 2011-11-28 (PCT/RU2011/000932)
[87] (WO2012/074437)
[30] RU (2010148813) 2010-11-30

[11] **2,832,502**
[13] C
[51] **Int.Cl. A61B 90/30 (2016.01) A61F 9/007 (2006.01)**
[25] EN
[54] **ILLUMINATED MICROSURGICAL INSTRUMENT INCLUDING OPTICAL FIBER WITH BEVELED END FACE**
[54] **INSTRUMENT MICROCHIRURGICAL ECLAIRE COMPRENANT UNE FIBRE OPTIQUE AVEC SURFACE D'EXTREMITE BISEAUTEE**
[72] YADLOWSKY, MICHAEL J., US
[72] PAPAC, MICHAEL JAMES, US
[72] LASSALAS, BRUNO, US
[73] ALCON RESEARCH, LTD., US
[85] 2013-10-04
[86] 2012-04-30 (PCT/US2012/035774)
[87] (WO2012/154435)
[30] US (61/483,224) 2011-05-06

[11] **2,832,640**
[13] C
[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **ABSORBENT PAD**
[54] **TAMPON ABSORBANT**
[72] FERGUSON, JASON E., US
[73] PET FOOD EXPRESS, US
[86] (2832640)
[87] (2832640)
[22] 2013-11-07
[30] US (61/728,850) 2012-11-21
[30] US (13/933,440) 2013-07-02

[11] **2,835,442**
[13] C
[51] **Int.Cl. G01K 1/02 (2006.01) A61B 5/01 (2006.01) G01K 5/62 (2006.01) G01K 7/36 (2006.01) G01K 11/00 (2006.01) G01K 11/06 (2006.01)**
[25] EN
[54] **INTERNAL TEMPERATURE INDICATOR**
[54] **INDICATEUR DE TEMPERATURE INTERNE**
[72] PARKER, ROBERT, US
[73] VOLK ENTERPRISES, INC., US
[85] 2013-11-07
[86] 2012-05-31 (PCT/US2012/040174)
[87] (WO2012/166894)
[30] US (61/492,060) 2011-06-01
[30] US (13/484,907) 2012-05-31

[11] **2,836,189**
[13] C
[51] **Int.Cl. H01H 19/10 (2006.01) H01H 1/20 (2006.01) H01H 19/64 (2006.01)**
[25] EN
[54] **SWITCH**
[54] **COMMUTATEUR**
[72] UITTO, OSKARI, FI
[72] SUUTARINEN, AKI, FI
[72] KOLMONEN, RAINER, FI
[73] ABB OY, FI
[85] 2013-11-14
[86] 2012-06-05 (PCT/FI2012/050560)
[87] (WO2012/168554)
[30] FI (20110196) 2011-06-07

[11] **2,836,191**
[13] C
[51] **Int.Cl. H01H 19/64 (2006.01) H01H 19/36 (2006.01) H01H 1/20 (2006.01) H01H 1/42 (2006.01) H01H 19/10 (2006.01)**
[25] EN
[54] **SWITCH**
[54] **COMMUTATEUR**
[72] UITTO, OSKARI, FI
[72] SUUTARINEN, AKI, FI
[72] KOLMONEN, RAINER, FI
[73] ABB OY, FI
[85] 2013-11-14
[86] 2012-06-05 (PCT/FI2012/050562)
[87] (WO2012/168556)
[30] FI (20110196) 2011-06-07

[11] **2,836,194**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACCESSING PRIVATE NETWORKS**
[54] **SYSTEME ET PROCEDE POUR ACCEDER A DES RESEAUX PRIVES**
[72] ROSATI, ANTHONY, CA
[72] VANSTONE, SCOTT ALEXANDER, CA
[72] PECEN, MARK E., CA
[73] BLACKBERRY LIMITED, CA
[73] CERTICOM CORP., CA
[85] 2013-11-14
[86] 2012-06-01 (PCT/CA2012/050373)
[87] (WO2012/162843)
[30] US (61/493,272) 2011-06-03

[11] **2,836,871**
[13] C
[51] **Int.Cl. G10L 19/025 (2013.01) G10L 19/032 (2013.01) G10L 21/04 (2013.01)**
[25] EN
[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**
[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**
[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
[72] EDLER, BERND, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2836871)
[87] (2836871)
[22] 2009-07-06
[62] 2,730,239
[30] US (61/079,873) 2008-07-11

[11] **2,837,070**
[13] C
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 1/46 (2006.01)**
[25] EN
[54] **MULTI-PORT NORMALLY OPEN MODULAR VALVE WITH THREAD-IN SEAT**
[54] **VALVE MODULAIRE NORMALEMENT OUVERTE A ORIFICES MULTIPLES AVEC SIEGE FILETE**
[72] JAMISON, MICHAEL, US
[72] SIMMONDS, JEFFREY, US
[73] MAC VALVES, INC., US
[86] (2837070)
[87] (2837070)
[22] 2013-12-17
[30] US (13/724,455) 2012-12-21

[11] **2,837,283**
[13] C
[51] **Int.Cl. G01N 27/83 (2006.01)**
[25] EN
[54] **MAGNETIC TESTING METHOD AND APPARATUS**
[54] **PROCEDE DE DETECTION DES DEFAUTS MAGNETIQUES ET DETECTEUR AFFERENT**
[72] SUZUMA, TOSHIYUKI, JP
[72] NAKAO, YOSHIYUKI, JP
[72] SAKAMOTO, MAKOTO, JP
[72] OOTA, YOSHIYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-11-25
[86] 2012-08-15 (PCT/JP2012/070723)
[87] (WO2013/024858)
[30] JP (2011-178915) 2011-08-18

[11] **2,837,491**
[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF LOADING A TRANSACTION CARD AND PROCESSING REPAYMENT ON A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE DE CHARGEMENT D'UNE CARTE DE TRANSACTION ET DE TRAITEMENT D'UN REMBOURSEMENT SUR UN DISPOSITIF MOBILE**
[72] KUSHEVSKY, MIKHAIL, CA
[72] FAINSHTEIN, MICHAEL, CA
[72] MARTINSONS, VALDIS ANDRIS, CA
[73] XROMB INC., CA
[85] 2013-11-27
[86] 2013-02-22 (PCT/CA2013/000151)
[87] (WO2013/123577)
[30] US (61/602,421) 2012-02-23
[30] US (13/464,484) 2012-05-04

[11] **2,837,720**
[13] C
[51] **Int.Cl. A47B 77/08 (2006.01) A47B 77/16 (2006.01) A47B 77/18 (2006.01) A47F 10/06 (2006.01) F25D 17/04 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **FOOD PREPARATION TABLE HAVING A COOLING CHAMBER**
[54] **TABLE DE PREPARATION D'ALIMENT COMPORTANT UNE CHAMBRE DE REFROIDISSEMENT**
[72] MAJORDY, MOE H., US
[72] SEISS, RICHARD A., US
[73] THE DELFIELD COMPANY, LLC, US
[85] 2013-11-28
[86] 2012-06-01 (PCT/US2012/040580)
[87] (WO2012/167176)
[30] US (61/492,355) 2011-06-01

[11] **2,837,945**
[13] C
[51] **Int.Cl. F16M 13/00 (2006.01) A47B 21/04 (2006.01) A47G 1/24 (2006.01) G09F 7/20 (2006.01) H04N 5/64 (2006.01)**
[25] EN
[54] **SUPPORT FRAME AND DISPLAY DEVICE INCLUDING THE SAME**
[54] **CADRE DE SUPPORT ET ECRAN DE VISUALISATION LE COMPRENANT**
[72] PARK, JAE HOO, KR
[72] KIM, EUI SEOK, KR
[72] JUNG, HYUN JUN, KR
[72] CHOI, SU-AN, KR
[72] HWANG, KWANG, SUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2837945)
[87] (2837945)
[22] 2013-12-20
[30] KR (10-2013-0001817) 2013-01-07
[30] KR (10-2013-0017723) 2013-02-19

[11] **2,837,962**
[13] C
[51] **Int.Cl. B65D 41/04 (2006.01) B65D 41/08 (2006.01) B65D 41/38 (2006.01) B65D 41/62 (2006.01)**
[25] EN
[54] **SCREW CAP**
[54] **BOUCHON A VIS**
[72] MARTINENGO, HERVE, FR
[73] AMCOR FLEXIBLES CAPSULES FRANCE, FR
[85] 2013-11-08
[86] 2012-05-02 (PCT/EP2012/001879)
[87] (WO2012/152404)
[30] EP (11354018.1) 2011-05-09

[11] **2,838,116**
[13] C
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 1/32 (2006.01)**
[25] EN
[54] **MULTI-PORT MODULAR VALVE WITH SNAP-IN SEAT**
[54] **SOUPAPE MODULAIRE A ORIFICES MULTIPLES A LOGEMENT D'ENCLIQUETAGE**
[72] JAMISON, MICHAEL, US
[72] SIMMONDS, JEFFREY, US
[72] WILLIAMS, KEVIN C., US
[73] MAC VALVES, INC., US
[86] (2838116)
[87] (2838116)
[22] 2013-12-16
[30] US (13/724,138) 2012-12-21

[11] **2,842,703**
[13] C
[51] **Int.Cl. G01N 21/05 (2006.01) C09K 8/72 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHODS FOR MONITORING THE FORMATION AND TRANSPORT OF AN ACIDIZING FLUID USING OPTICOANALYTICAL DEVICES**
[54] **PROCEDES PERMETTANT DE SURVEILLER LA FORMATION ET LE TRANSPORT D'UN FLUIDE ACIDIFIANT A L'AIDE DE DISPOSITIFS OPTICO-ANALYTIQUES**
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[72] DAUSSIN, RORY D., US
[72] HAYWORTH, ROBERT D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-21
[86] 2012-07-16 (PCT/US2012/046898)
[87] (WO2013/022558)
[30] US (13/198,950) 2011-08-05

[11] **2,842,711**
[13] C
[51] **Int.Cl. E21B 19/18 (2006.01) E21B 17/02 (2006.01) E21B 19/10 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL AND METHOD OF USE**
[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
[72] VANLUE, DUKE, US
[73] DOWNHOLE TECHNOLOGY LLC, US
[85] 2014-01-21
[86] 2012-08-22 (PCT/US2012/051938)
[87] (WO2013/028801)
[30] US (61/526,217) 2011-08-22
[30] US (61/558,207) 2011-11-10

[11] **2,842,889**
[13] C
[51] **Int.Cl. H02K 15/03 (2006.01) B26F 3/00 (2006.01) B28D 5/00 (2006.01) B28D 7/02 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING FIELD-POLE MAGNET**
[54] **DISPOSITIF POUR PRODUIRE UN AIMANT PIECE POLAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KOIKE, YASUHISA, JP
[72] NISHIMURA, KIMIO, JP
[72] TAKEUCHI, HIROHARU, JP
[72] ISHIGURO, KUNITOMO, JP
[72] HASEGAWA, KIYOSHI, JP
[72] IZAWA, YOSHINORI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-01-23
[86] 2012-06-20 (PCT/JP2012/065769)
[87] (WO2013/015047)
[30] JP (2011-164245) 2011-07-27

[11] **2,843,329**
[13] C
[51] **Int.Cl. C08G 18/18 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **REDUCED EMISSIONS LOW DENSITY SPRAY POLYURETHANE FOAM**
[54] **MOUSSE DE POLYURETHANE PULVERISABLE CARACTERISEE PAR UNE FAIBLE DENSITE ET DES EMISSIONS REDUITES**
[72] BURDENIUC, JUAN JESUS, US
[72] TOBIAS, JAMES DOUGLAS, US
[72] KELLER, RENEE JO, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2014-01-27
[86] 2012-07-25 (PCT/US2012/048051)
[87] (WO2013/019488)
[30] US (61/513,209) 2011-07-29
[30] US (13/556,334) 2012-07-24

[11] **2,844,091**
[13] C
[51] **Int.Cl. C07D 239/95 (2006.01) A61K 31/517 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **QUINAZOLINONE ANALOGS AND USE OF QUINAZOLINONE ANALOGS FOR TREATING OR PREVENTING CERTAIN VIRAL INFECTIONS**
[54] **ANALOGUES DE QUINAZOLINONE ET UTILISATION D'ANALOGUES DE QUINAZOLINONE POUR LE TRAITEMENT OU LA PREVENTION DE CERTAINES INFECTIONS VIRALES**
[72] HEIL, MARINTHA L., US
[72] COSFORD, NICHOLAS D.P., US
[72] ARDECKY, ROBERT, US
[72] ZOU, JIWEN, US
[73] SOUTHERN RESEARCH INSTITUTE, US
[73] SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, US
[85] 2014-02-03
[86] 2012-08-10 (PCT/US2012/050347)
[87] (WO2013/025508)
[30] US (61/522,859) 2011-08-12

[11] **2,844,273**
[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) C02F 1/68 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **SURFACE-TREATED CALCIUM CARBONATE FOR BINDING AND BIOREMEDIATING HYDROCARBON-CONTAINING COMPOSITIONS**
[54] **CARBONATE DE CALCIUM TRAITE EN SURFACE POUR LIAISON ET BIORESTAURATION DE COMPOSITIONS CONTENANT DES HYDROCARBURES**
[72] DI MAIUTA, NICOLA, CH
[72] SCHWARZENTRUBER, PATRICK, CH
[72] SKOVBY, MICHAEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-02-04
[86] 2012-08-03 (PCT/EP2012/065251)
[87] (WO2013/020918)
[30] EP (11177031.9) 2011-08-09
[30] US (61/523,867) 2011-08-16

[11] **2,844,604**
[13] C
[51] **Int.Cl. A61K 31/444 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/12 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01) A61P 7/02 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING ETHANEDIAMIDE DERIVATIVES**
[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT DES DERIVES D'ETHANEDIAMIDE**
[72] ISHIDOH, KOICHI, JP
[72] MATSUURA, KAZUHIRO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2014-02-07
[86] 2012-08-09 (PCT/JP2012/070314)
[87] (WO2013/022059)
[30] JP (2011-174946) 2011-08-10

[11] **2,846,023**
[13] C
[51] **Int.Cl. A47K 3/12 (2006.01)**
[25] EN
[54] **BATH BENCH WITH LATERAL TRANSFER EXTENSION**
[54] **BANC POUR BAIGNOIRE DOTE D'UNE RALLONGE DE TRANSFERT LATERALE**
[72] NELSON, MICHAEL, US
[73] HOME DEPOT INTERNATIONAL, INC., US
[86] (2846023)
[87] (2846023)
[22] 2014-03-13
[30] US (13/799,937) 2014-03-13

[11] **2,846,186**
[13] C
[51] **Int.Cl. E04F 13/23 (2006.01) E04B 1/41 (2006.01) E04B 2/06 (2006.01) E04B 2/42 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **CHANNEL ANCHOR WITH INSULATION HOLDER AND ANCHORING SYSTEM USING THE SAME**
[54] **ANCRAGE A GORGE AVEC DISPOSITIF DE MAINTIEN DE MATERIAU ISOLANT ET SYSTEME D'ANCRAGE L'UTILISANT**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2846186)
[87] (2846186)
[22] 2014-03-12
[30] US (13/801,084) 2013-03-13

[11] **2,846,641**
[13] C
[51] **Int.Cl. C09C 1/36 (2006.01) C09C 3/12 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING A TITANIUM DIOXIDE PIGMENT AND IMPROVING THE PROCESSABILITY OF TITANIUM DIOXIDE PIGMENT PARTICLES**
[54] **PROCEDES DE PRODUCTION D'UN PIGMENT DE DIOXYDE DE TITANE ET D'AMELIORATION DE L'APTITUDE A LA TRANSFORMATION DES PARTICULES DE DIOXYDE DE TITANE**
[72] PANJNANI, KAMLESH G., US
[72] MARSHALL, DAVID F., US
[72] ELLIOTT, JEFFREY D., US
[73] TRONOX LLC, US
[85] 2014-02-25
[86] 2012-12-26 (PCT/US2012/071664)
[87] (WO2013/101838)
[30] US (13/337,839) 2011-12-27

[11] **2,846,903**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **OCCLUSIVE DEVICES WITH ANCHORS EXTENDING FROM PERIPHERAL EDGE OF THE OCCLUSIVE FACE**
[54] **DISPOSITIFS OCCLUSIFS DOTES D'ELEMENTS D'ANCRAGE S'ETENDANT DU BORD PERIPHERIQUE DE LA FACE OCCLUSIVE**
[72] LARSEN, COBY C., US
[72] MASTERS, STEVEN J., US
[72] SHAW, EDWARD E., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-02-26
[86] 2012-09-14 (PCT/US2012/055537)
[87] (WO2013/040431)
[30] US (61/535,830) 2011-09-16
[30] US (13/615,228) 2012-09-13

[11] **2,847,047**
[13] C
[51] **Int.Cl. B65D 90/62 (2006.01)**
[25] EN
[54] **ACTUATOR FOR OPENING AND CLOSING LID FOR BULK STORAGE BIN**
[54] **ACTIONNEUR POUR OUVRIR ET FERMER UN COUVERCLE D'UN BAC DE STOCKAGE EN VRAC**
[72] KIRCHHOFF, DAVID ALAN, US
[73] BAK ENTERPRISES, LLC, US
[86] (2847047)
[87] (2847047)
[22] 2014-03-14
[30] US (61/784155) 2013-03-14

[11] **2,848,224**
[13] C
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **COMPOSITE LIMIT COLLAR**
[54] **ANNEAU LIMITE COMPOSITE**
[72] LEVIE, WILLIAM IAIN ELDER, US
[72] LEVIE, DAVID, CH
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-03-07
[86] 2012-09-07 (PCT/US2012/054153)
[87] (WO2013/043392)
[30] US (13/236,987) 2011-09-20

[11] **2,848,515**
[13] C
[51] **Int.Cl. A01N 25/30 (2006.01) A01N 25/06 (2006.01) A01N 57/20 (2006.01) B01F 17/00 (2006.01)**
[25] EN
[54] **AGRICULTURAL PESTICIDE COMPOSITIONS**
[54] **COMPOSITIONS DE PESTICIDE AGRICOLES**
[72] GOYAL, RAJESH, US
[72] SHANMUGA, KRISH MURTHY, US
[73] RHODIA OPERATIONS, FR
[85] 2014-03-12
[86] 2012-09-12 (PCT/US2012/054815)
[87] (WO2013/040006)
[30] US (61/573,797) 2011-09-12

[11] **2,849,526**
[13] C
[51] **Int.Cl. B25B 23/147 (2006.01) B25B 23/14 (2006.01) G05B 19/409 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF USING AN USB USER INTERFACE IN AN ELECTRONIC TORQUE WRENCH**
[54] **PROCEDE ET SYSTEME D'UTILISATION D'UNE INTERFACE UTILISATEUR USB DANS UNE CLE DYNAMOMETRIQUE ELECTRONIQUE**
[72] LI, JIE, US
[72] KING, JERRY A., US
[72] WU, TINGWEN, US
[72] LEE, NATHAN J., US
[73] SNAP-ON INCORPORATED, US
[86] (2849526)
[87] (2849526)
[22] 2014-04-22
[30] US (13/888,685) 2013-05-07

[11] **2,850,431**
[13] C
[51] **Int.Cl. G08B 13/196 (2006.01) G06T 7/20 (2017.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR STABILIZING LIVE VIDEO IN THE PRESENCE OF LONG-TERM IMAGE DRIFT**
[54] **PROCEDES ET SYSTEME DE STABILISATION DE VIDEO EN DIRECT EN PRESENCE DE DERIVE D'IMAGE A LONG TERME**
[72] STRINE, LLOYD, US
[72] BOBICK, AARON, US
[72] BRAGG, JEFFREY, US
[73] SIEMENS SCHWEIZ AG, CH
[85] 2014-03-28
[86] 2012-09-19 (PCT/US2012/056021)
[87] (WO2013/048837)
[30] US (13/249,412) 2011-09-30

[11] **2,851,586**
[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] **PROCEDE DE RECUPERATION DE DIOXYDE DE CARBONE ET DISPOSITIF DE RECUPERATION**
[72] NAKAMURA, SHIKO, JP
[72] YAMANAKA, YASURO, JP
[72] OKUNO, SHINYA, JP
[73] IHI CORPORATION, JP
[85] 2014-04-09
[86] 2012-10-09 (PCT/JP2012/076073)
[87] (WO2013/061761)
[30] JP (2011-236829) 2011-10-28

[11] **2,852,329**
[13] C
[51] **Int.Cl. B29B 13/10 (2006.01) B01F 15/02 (2006.01) B02C 18/08 (2006.01) B29B 17/04 (2006.01) B29C 47/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT CONVEYING, PLASTIFICATION, OR AGGLOMERATION OF PLASTICS**
[54] **APPAREIL DE PRETRAITEMENT ET DE TRANSPORT SUBSEQUENT, PLASTIFICATION OU AGGLOMERATION DE PLASTIQUES**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2014-04-14
[86] 2012-10-12 (PCT/AT2012/050156)
[87] (WO2013/052984)
[30] AT (A 1511/2011) 2011-10-14

---

[11] **2,852,338**
[13] C
[51] **Int.Cl. A47F 11/02 (2006.01) A47F 3/04 (2006.01) F25D 23/02 (2006.01)**
[25] EN
[54] **HIGH EFFICIENT NIGHT COVER**
[54] **COUVERCLE DE NUIT A HAUTE EFFICACITE**
[72] NGUYEN, KEN, US
[73] HUSSMANN CORPORATION, US
[86] (2852338)
[87] (2852338)
[22] 2014-05-27
[30] US (14/032,402) 2013-09-20

---

[11] **2,852,645**
[13] C
[51] **Int.Cl. B28B 7/02 (2006.01) E04B 1/78 (2006.01) E04C 2/26 (2006.01)**
[25] EN
[54] **MASONRY BLOCK SYSTEM**
[54] **SYSTEME DE BLOC DE MACONNERIE**
[72] GENEST, CHRISTOPHER, US
[72] GENEST, MATTHEW, US
[73] GENEST, CHRISTOPHER, US
[73] GENEST, MATTHEW, US
[85] 2014-04-16
[86] 2012-06-06 (PCT/US2012/041083)
[87] (WO2012/170516)
[30] US (61/493,754) 2011-06-06

---

[11] **2,853,133**
[13] C
[51] **Int.Cl. G06Q 50/22 (2012.01) G06K 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EFFECTING GOOD HYGIENE PRACTICES**
[54] **SYSTEMES ET PROCEDES POUR EXECUTER DE BONNES PRATIQUES D'HYGIENE**
[72] TENARVITZ, HENRY J., US
[72] GAISSER, GARY, US
[73] VERSUS TECHNOLOGY, INC., US
[85] 2014-04-22
[86] 2012-11-08 (PCT/US2012/064113)
[87] (WO2013/070888)
[30] US (61/557,163) 2011-11-08
[30] US (13/671,303) 2012-11-07

---

[11] **2,853,436**
[13] C
[51] **Int.Cl. B23B 27/04 (2006.01) B23B 27/16 (2006.01) B23B 29/04 (2006.01)**
[25] EN
[54] **INDEXABLE CUTTING INSERT AND CUTTING TOOL THEREFOR**
[54] **PLAQUETTE DE COUPE INDEXABLE ET OUTIL DE COUPE ASSOCIE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2014-04-24
[86] 2012-11-19 (PCT/IL2012/050463)
[87] (WO2013/088433)
[30] US (61/570,369) 2011-12-14

---

[11] **2,854,678**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 3/00 (2006.01) H01M 10/42 (2006.01)**
[25] EN
[54] **ABNORMAL BATTERY DETECTING SYSTEM AND ABNORMAL BATTERY DETECTING METHOD FOR BATTERY MODULE**
[54] **SYSTEME DE DETECTION D'ANOMALIE POUR MODULE DE BATTERIE ET SON PROCEDE DE DETECTION**
[72] WEN, CHUNG-WEI, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2014-05-06
[86] 2012-11-07 (PCT/CN2012/084208)
[87] (WO2013/067930)
[30] US (61/556,386) 2011-11-07

---

[11] **2,856,086**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **VIRTUAL NETWORK INTERFACE OBJECTS**
[54] **OBJETS VIRTUELS D'INTERFACE RESEAU**
[72] SCHULTZE, ERIC W., US
[72] THOMPSON, AARON C., US
[72] GANGULY, ARIJIT, US
[72] IYER, PADMINI C., US
[72] HOLGERS, TOBIAS L., US
[72] LEFELHOCZ, CHRISTOPHER J., US
[72] SEARLE, IAN R., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-05-16
[86] 2012-11-16 (PCT/US2012/065429)
[87] (WO2013/074873)
[30] US (61/561,675) 2011-11-18
[30] US (13/339,985) 2011-12-29

---

[11] **2,856,897**
[13] C
[51] **Int.Cl. E01H 5/12 (2006.01) E01H 5/06 (2006.01)**
[25] FR
[54] **LIFT SKATE FOR SNOW PLOW**
[54] **PATIN DE LEVEE POUR GRATTE DE DENEIGEMENT**
[72] LELIEVRE, BRUNO, CA
[73] LELIEVRE, BRUNO, CA
[86] (2856897)
[87] (2856897)
[22] 2014-07-11

[11] **2,856,978**
[13] C
[51] **Int.Cl. C08H 1/00 (2006.01) D21C 1/00 (2006.01) C08B 15/08 (2006.01) C08B 37/14 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C13K 1/02 (2006.01)**
[25] EN
[54] **CELLULOSE-SOLVENT-BASED LIGNOCELLULOSE FRACTIONATION WITH MODEST REACTION CONDITIONS AND REAGENT RECYCLING**
[54] **FRACTIONNEMENT DE LIGNOCELLULOSE A BASE DE SOLVANT EN CELLULOSE AVEC DES CONDITIONS DE REACTION SIMPLES ET UN CYCLAGE DE REACTIF**
[72] ZHANG, PERCIVAL YI-HENG, US
[73] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
[86] (2856978)
[87] (2856978)
[22] 2006-03-29
[62] 2,647,516

[11] **2,857,143**
[13] C
[51] **Int.Cl. H01M 8/1006 (2016.01)**
[25] EN
[54] **STRESS SUPPRESSING STRUCTURE FOR ELECTROLYTE MEMBRANE OF FUEL CELL**
[54] **STRUCTURE DE SUPPRESSION DE CONTRAINTE POUR MEMBRANE ELECTROLYTIQUE DE PILE A COMBUSTIBLE**
[72] HIRASAWA, RIRA, JP
[72] WATANABE, YOSHIKAZU, JP
[72] NAKANISHI, JUNJI, JP
[72] OSUKA, SHIGEKI, JP
[72] YOSHIKAWA, HIROO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2014-05-27
[86] 2011-12-06 (PCT/JP2011/006809)
[87] (WO2013/084256)

[11] **2,858,730**
[13] C
[51] **Int.Cl. C08J 7/04 (2006.01) C08F 20/10 (2006.01) C09D 133/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **SURFACE MODIFIED CONTACT LENSES**
[54] **LENTILLES DE CONTACT A SURFACE MODIFIEE**
[72] ZHANG, ZHENG, US
[72] COOK, ALONZO, US
[72] SCHULTZ, KAREN ANN, US
[72] LI, JUN, US
[72] SKINNER, MATT, US
[72] WEINSTOCK, B. ANDRE, US
[72] GUINEY, LINDA M., US
[72] WANG, HAO, US
[72] LOOSE, CHRISTOPHER R., US
[72] COURY, ARTHUR J., US
[73] ARROW INTERNATIONAL, INC., US
[85] 2014-06-09
[86] 2012-12-14 (PCT/US2012/069846)
[87] (WO2013/090780)
[30] US (61/570,792) 2011-12-14

[11] **2,861,153**
[13] C
[51] **Int.Cl. B65G 45/16 (2006.01)**
[25] EN
[54] **AN IMPROVED BELT SCRAPER MOUNTING**
[54] **MONTAGE DE RACLEUR DE BANDE AMELIORE**
[72] ROY, SAROJ KUMAR, IN
[73] TEGA INDUSTRIES LIMITED, IN
[85] 2014-06-25
[86] 2012-11-20 (PCT/IN2012/000756)
[87] (WO2013/105111)
[30] IN (22/KOL/2012) 2012-01-09

[11] **2,861,637**
[13] C
[51] **Int.Cl. C07D 417/14 (2006.01)**
[25] EN
[54] **PYRROLIDINE-2-CARBOXYLIC ACID (2-OXAZOL-2YL-4-PHENYL-THIAZOL-5-YL)-AMIDE COMPOUNDS AND USES THEREOF AS INHIBITORS OF IAP**
[54] **COMPOSES D'ACIDE PYRROLIDINE-2-CARBOXYLIQUE (2-OXAZOL-2YL-4-PHENYL-THIAZOL-5-YL)-AMIDE ET LEURS UTILISATIONS COMME INHIBITEUR D'IAP**
[72] COHEN, FREDERICK, US
[72] GAZZARD, LEWIS J., US
[72] TSUI, VICKIE HSIAO-WEI, US
[72] FLYGARE, JOHN A., US
[73] CURIS, INC., US
[73] GENENTECH, INC., US
[85] 2014-06-25
[86] 2013-01-03 (PCT/US2013/020124)
[87] (WO2013/103703)
[30] US (61/582,760) 2012-01-03

[11] **2,862,655**
[13] C
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 31/12 (2006.01)**
[25] EN
[54] **DEVICE FOR AND METHODS OF MONITORING A SPATTER GENERATING EVENT DURING WELDING BY ANALYZING SPATTER GENERATING EVENTS**
[54] **DISPOSITIF ET PROCEDES DE SURVEILLANCE D'UN EVENEMENT DE GENERATION DE PROJECTIONS LORS DU SOUDAGE, PAR ANALYSE D'EVENEMENTS DE GENERATION DE PROJECTIONS**
[72] HUTCHISON, RICHARD MARTIN, US
[72] HOLVERSON, TODD EARL, US
[72] UECKER, JAMES LEE, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-06-30
[86] 2013-03-28 (PCT/US2013/034229)
[87] (WO2013/148922)
[30] US (13/436,673) 2012-03-30

[11] **2,863,218**
[13] C
[51] **Int.Cl. C22C 38/06 (2006.01) B21B 3/00 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 2/26 (2006.01) C25D 3/22 (2006.01)**
[25] EN
[54] **HOT STAMPED STEEL AND METHOD FOR PRODUCING THE SAME**
[54] **ARTICLE MOULE PAR ESTAMPAGE A CHAUD ET SON PROCEDE DE PRODUCTION**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-07-09
[86] 2013-01-11 (PCT/JP2013/050377)
[87] (WO2013/105631)
[30] JP (2012-004552) 2012-01-13

---

[11] **2,863,876**
[13] C
[51] **Int.Cl. E21B 7/136 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **RISER PROTECTION STRUCTURES**
[54] **STRUCTURES DE PROTECTION DE COLONNE MONTANTE**
[72] FOO, KOK SENG, SG
[72] PERRY, MICHAEL JOHN, SG
[72] QUAH, CHIN KAU MATTHEW, SG
[72] WANG, CYNTHIA, SG
[72] SHAFER, RANDALL SCOTT, US
[72] NOBLE, PETER, US
[72] BERTA, DOMINIC P., US
[73] KEPPEL OFFSHORE & MARINE TECHNOLOGY CENTRE PTE LTD, SG
[73] CONOCOPHILLIPS COMPANY, US
[85] 2014-08-06
[86] 2013-02-15 (PCT/SG2013/000061)
[87] (WO2013/122547)
[30] US (61/599,361) 2012-02-15

---

[11] **2,864,298**
[13] C
[51] **Int.Cl. G01R 35/00 (2006.01) G01R 27/32 (2006.01)**
[25] EN
[54] **VECTORIAL NETWORK ANALYSER**
[54] **ANALYSEUR VECTORIEL DE RESEAU**
[72] ENTSFELLNER, CHRISTIAN, DE
[72] HEUERMANN, HOLGER, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2014-08-12
[86] 2013-03-25 (PCT/EP2013/000899)
[87] (WO2013/143681)
[30] DE (10 2012 006 195.1) 2012-03-27

---

[11] **2,864,642**
[13] C
[51] **Int.Cl. H04L 1/22 (2006.01) H04W 80/02 (2009.01) H04N 19/89 (2014.01) H04L 1/24 (2006.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2864642)
[87] (2864642)
[22] 2014-09-25
[30] KR (10-2014-0111764) 2014-08-26
[30] KR (10-2014-0116872) 2014-09-03

---

[11] **2,864,738**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/485 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **IMMEDIATE RELEASE, ABUSE DETERRENT PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES DISSUASIVES D'ABUS, A LIBERATION IMMEDIATE**
[72] RAMAN, SIVA N., US
[72] PARK, JAE HAN, US
[72] DIEZI, THOMAS A., US
[72] HERMAN, CLIFFORD J., US
[72] BATTU, SUNIL K., US
[72] BURGE, ERIC A., US
[73] MALLINCKRODT LLC, US
[85] 2014-08-14
[86] 2013-04-18 (PCT/US2013/037056)
[87] (WO2013/158814)
[30] US (61/625,926) 2012-04-18
[30] US (61/792,478) 2013-03-15

---

[11] **2,864,761**
[13] C
[51] **Int.Cl. G01N 27/62 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR ION MOBILITY SPECTROMETRY**
[54] **APPAREIL ET PROCEDES POUR SPECTROMETRIE DE MOBILITE IONIQUE**
[72] MAKAROV, ALEXANDER, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[85] 2014-08-15
[86] 2013-02-14 (PCT/EP2013/052994)
[87] (WO2013/124207)
[30] GB (1202895.7) 2012-02-21

[11] **2,865,649**
[13] C
[51] **Int.Cl. G01N 21/35 (2014.01)**
[25] EN
[54] **COLLISIONAL BROADENING COMPENSATION USING REAL OR NEAR-REAL TIME VALIDATION IN SPECTROSCOPIC ANALYZERS**
[54] **COMPENSATION DE L'ELARGISSEMENT PAR COLLISIONS UTILISANT UNE VALIDATION EN TEMPS REEL OU QUASI-REEL DANS DES ANALYSEURS SPECTROSCOPIQUES**
[72] FEITISCH, ALFRED, US
[72] LIU, XIANG, US
[72] HUANG, HSU-HUNG, US
[72] JI, WENHAI, US
[72] CLINE, RICHARD L., US
[73] SPECTRASENSORS, INC., US
[85] 2014-08-26
[86] 2013-03-21 (PCT/US2013/033383)
[87] (WO2013/142737)
[30] US (13/428,591) 2012-03-23

[11] **2,866,242**
[13] C
[51] **Int.Cl. B29C 45/14 (2006.01)**
[25] EN
[54] **METAL INSERT-MOLDED ARTICLE HAVING SEALABILITY, ELECTRONIC COMPONENT HAVING SEALABILITY AND PROVIDED WITH SAID METAL INSERT-MOLDED ARTICLE, AND METHOD FOR PRODUCING METAL INSERT-MOLDED ARTICLE HAVING SEALABILITY**
[54] **ARTICLE MOULE AVEC INSERT METALLIQUE DOTE D'UNE CAPACITE D'ADHERENCE, COMPOSANT ELECTRONIQUE DOTE D'UNE CAPACITE D'ADHERENCE ET EQUIPE DUDIT ARTICLE MOULE AVEC INSERT METALLIQUE, ET PROCEDE DE PRODUCTION D'ARTICLE MOULE AVEC INSERT METALLIQUE DOTE D'UNE CAPACITE D'ADHERENCE**
[72] TOYOTA, RYO, JP
[72] KITAMURA, KYOJI, JP
[72] YAMAMOTO, KOJI, JP
[72] NISHIDA, TOMOYUKI, JP
[73] OMRON CORPORATION, JP
[85] 2014-09-03
[86] 2013-03-04 (PCT/JP2013/055866)
[87] (WO2013/137046)
[30] JP (2012-054994) 2012-03-12

[11] **2,866,664**
[13] C
[51] **Int.Cl. G08G 1/16 (2006.01) G06Q 10/08 (2012.01) B65G 1/00 (2006.01) G05D 1/02 (2006.01) G08G 1/09 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COORDINATING MOVEMENT OF MOBILE DRIVE UNITS**
[54] **SYSTEME ET PROCEDE POUR COORDONNER LE DEPLACEMENT D'UNITES DE COMMANDE**
[72] D'ANDREA, RAFFAELLO, US
[72] WURMAN, PETER R., US
[72] BARBEHENN, MICHAEL T., US
[72] HOFFMAN, ANDREW E., US
[72] MOUNTZ, MICHAEL, US
[73] AMAZON TECHNOLOGIES, INC., US
[86] (2866664)
[87] (2866664)
[22] 2007-06-08
[62] 2,781,624
[30] US (11/425,073) 2006-06-19

[11] **2,866,675**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING PRODUCT RECOMMENDATIONS BASED ON INVESTMENT PORTFOLIO DATA**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES RECOMMANDATIONS DE PRODUITS EN FONCTION DE DONNEES DE PORTEFEUILLE DE PLACEMENT**
[72] GLOBE, MICHAEL E., CA
[72] AL-SAMADI, MAZIN, CA
[72] VAN HEERDEN, LAUREN, US
[72] NADARAJAH, GUNALAN, CA
[72] DEL VECCHIO, ORIN, CA
[72] CUMMINS, MICHAEL D., CA
[72] SIVASHANMUGAM, PRABAHARAN, US
[73] THE TORONTO-DOMINION BANK, CA
[86] (2866675)
[87] (2866675)
[22] 2014-10-09
[30] US (61/888,641) 2013-10-09

[11] **2,869,537**
[13] C
[51] **Int.Cl. A01D 34/63 (2006.01)**
[25] EN
[54] **TRIMMER HEAD**
[54] **TETE DE COUPE**
[72] LI, HANZHENG, CN
[72] YAMAOKA, TOSHINARI, CN
[73] CHERVON INTELLECTUAL PROPERTY LIMITED, VG
[86] (2869537)
[87] (2869537)
[22] 2014-11-04
[30] CN (201310542646.8) 2013-11-05
[30] US (14/529,405) 2014-10-31

---

[11] **2,870,037**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **ADJUSTABLE FLOW CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE D'ECOULEMENT REGLABLE**
[72] LOPEZ, JEAN MARC, US
[72] GRECI, STEPHEN MICHAEL, US
[72] HOLDERMAN, LUKE WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-09
[86] 2013-02-20 (PCT/US2013/026764)
[87] (WO2013/154682)
[30] US (13/443,859) 2012-04-10

---

[11] **2,870,672**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) H02H 99/00 (2009.01) E04H 5/04 (2006.01) G06F 17/50 (2006.01) H02B 15/02 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **MODULAR SUBSTATION PROTECTION AND CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE ET DE PROTECTION DE SOUS-STATION MODULAIRE**
[72] SHAW, AARON, US
[72] THAKUR, MANISH, US
[73] AEP TRANSMISSION HOLDING COMPANY, LLC, US
[85] 2014-10-15
[86] 2013-06-19 (PCT/US2013/046668)
[87] (WO2013/192359)
[30] US (61/661,707) 2012-06-19

---

[11] **2,872,590**
[13] C
[51] **Int.Cl. G01N 17/02 (2006.01) G01N 27/416 (2006.01)**
[25] FR
[54] **ANALYSIS METHOD FOR QUANTIFYING A LEVEL OF CLEANLINESS OF A SURFACE OF A PART**
[54] **PROCEDE D'ANALYSE POUR QUANTIFIER UN NIVEAU DE PROPRETE D'UNE SURFACE D'UNE PIECE**
[72] COSSART, VINCENT, FR
[72] MENTIERES, GAETAN, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2014-11-04
[86] 2013-05-13 (PCT/EP2013/059823)
[87] (WO2013/171163)
[30] FR (1254380) 2012-05-14

---

[11] **2,872,957**
[13] C
[51] **Int.Cl. G01W 1/00 (2006.01) F03D 80/00 (2016.01)**
[25] EN
[54] **WEATHER PREDICTING METHOD, WEATHER PREDICTING APPARATUS, AND AIR UTILILZING APPARATUS**
[54] **PROCEDE DE REPRODUCTION METEOROLOGIQUE, DISPOSITIF DE REPRODUCTION METEOROLOGIQUE, ET DISPOSITIF D'UTILISATION DE L'AIR**
[72] SAKURAI, TATSUYA, JP
[72] SATAKE, SHINSUKE, JP
[72] KADO, KENICHIRO, JP
[72] KUBOTA, KEI, JP
[72] HU, XIDONG, JP
[72] YAMAMURO, KEITA, JP
[72] KAKUTANI, YUZURU, JP
[72] ASAKA, TERU, JP
[73] JGC CORPORATION, JP
[85] 2014-11-07
[86] 2012-10-11 (PCT/JP2012/076318)
[87] (WO2014/020778)
[30] JP (2012-170656) 2012-07-31

---

[11] **2,873,151**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01)**
[25] EN
[54] **SCHEDULING EVENTS FROM ELECTRONIC MESSAGES**
[54] **PROGRAMMATION D'EVENEMENTS A PARTIR DE MESSAGES ELECTRONIQUES**
[72] ADAMS, NEIL, CA
[72] VANDER VEEN, RAYMOND, CA
[73] BLACKBERRY LIMITED, CA
[86] (2873151)
[87] (2873151)
[22] 2006-08-01
[62] 2,610,648
[30] US (60/719,966) 2005-09-26

---

[11] **2,873,834**
[13] C
[51] **Int.Cl. G06F 17/27 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING STRUCTURED EVENT OBJECTS**
[54] **SYSTEME ET PROCEDE POUR CREER DES OBJETS D'EVENEMENTS STRUCTURES**
[72] AGARWAL, PUNEET, IN
[72] VAITHIYANATHAN, RAJGOPAL, IN
[72] SHROFF, GAUTAM, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[85] 2014-11-17
[86] 2013-03-22 (PCT/IN2013/000192)
[87] (WO2013/171758)
[30] IN (1529/MUM/2012) 2012-05-18

[11] **2,874,603**
[13] C
[51] **Int.Cl. G06Q 20/34 (2012.01) G06F 21/77 (2013.01) G07F 7/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS**
[54] **SYSTEMES, PROCEDES ET PROGICIELS INFORMATIQUES POUR LA SECURISATION ET LA GESTION D'APPLICATIONS SUR DES ELEMENTS SECURISES**
[72] WATSON, CURTIS W., US
[73] GOOGLE INC., US
[85] 2014-11-24
[86] 2013-04-05 (PCT/US2013/035406)
[87] (WO2014/031183)
[30] US (61/693,089) 2012-08-24

[11] **2,876,461**
[13] C
[51] **Int.Cl. F27D 3/16 (2006.01) B01F 3/04 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **GAS PURGING ELEMENT AND CORRESPONDING GAS SUPPLY LINE**
[54] **ELEMENT DE PURGE DE GAZ ET CONDUITE D'AMENEE DE GAZ CORRESPONDANTE**
[72] TRUMMER, BERND, AT
[72] KLIKOVICH, MICHAEL, AT
[72] KULP, ROMAN, AT
[72] KNEIS, LEOPOLD, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2014-12-11
[86] 2013-08-07 (PCT/EP2013/066531)
[87] (WO2014/032923)
[30] EP (12181902.3) 2012-08-27

[11] **2,877,180**
[13] C
[51] **Int.Cl. B64C 27/33 (2006.01) B64C 27/32 (2006.01)**
[25] EN
[54] **FLEXBEAM UNIT FOR A HINGELESS OR A HINGE- AND BEARINGLESS MULTI-BLADE ROTOR OF A ROTARY WING AIRCRAFT**
[54] **PLAQUE DE FLEXION POUR ROTOR MULTIPALE SANS PALIER OU RIGIDE ET SANS PALIER SUR UN GIRAVION**
[72] PFALLER, RUPERT, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2877180)
[87] (2877180)
[22] 2015-01-07
[30] EP (14 400001.5) 2014-01-14

[11] **2,877,774**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE, ABUSE DETERRENT PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES DE DISSUASION D'ABUS A LIBERATION PROLONGEE**
[72] GOWER, BRAD L., US
[72] CASTANEDA, CARLOS H., US
[72] PARK, JAE HAN, US
[72] HERMAN, CLIFFORD J., US
[73] MALLINCKRODT LLC, US
[85] 2014-12-22
[86] 2013-07-11 (PCT/US2013/050005)
[87] (WO2014/011830)
[30] US (61/670,751) 2012-07-12
[30] US (61/790,463) 2013-03-15

[11] **2,878,069**
[13] C
[51] **Int.Cl. B23K 9/133 (2006.01) B65H 51/10 (2006.01)**
[25] EN
[54] **DRIVE ROLL CARRIER FOR WELDING WIRE FEEDER WITH GEAR, HUB AND RETAINER FOR THE DRIVE ROLL**
[54] **SUPPORT DE DEVIDOIR POUR DISTRIBUTEUR DE FIL DE SOUDAGE COMPRENANT UN ENGRENAGE, UN MOYEU ET UN DISPOSITIF DE RETENUE POUR LE DEVIDOIR**
[72] LAHTI, THOMAS D., US
[72] MATIASH, NICHOLAS A., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-29
[86] 2013-08-22 (PCT/US2013/056266)
[87] (WO2014/031893)
[30] US (61/692,806) 2012-08-24
[30] US (13/962,511) 2013-08-08

[11] **2,878,601**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **PRECISION BLADE ELECTROSURGICAL INSTRUMENT**
[54] **INSTRUMENT ELECTROCHIRURGICAL DE PRECISION MUNI D'UNE LAME**
[72] BORGMEIER, PAUL R., US
[72] WALTER, BRIAN J., US
[72] GREEP, DARCY W., US
[73] MEGADYNE MEDICAL PRODUCTS, INC., US
[86] (2878601)
[87] (2878601)
[22] 2015-01-13

[11] **2,879,453**
[13] C
[51] **Int.Cl. C23C 28/02 (2006.01) C22C 5/02 (2006.01) C22C 5/04 (2006.01) C22C 5/06 (2006.01) C22C 5/08 (2006.01) C22C 5/10 (2006.01) C22C 9/00 (2006.01) C22C 9/02 (2006.01) C22C 9/04 (2006.01) C22C 9/05 (2006.01) C22C 9/06 (2006.01) C22C 13/00 (2006.01) C22C 13/02 (2006.01) C22C 19/03 (2006.01) C22C 19/07 (2006.01) C22C 22/00 (2006.01) C22C 27/06 (2006.01) C22C 28/00 (2006.01) C22C 38/00 (2006.01) C23C 14/14 (2006.01) H01B 1/02 (2006.01) H01B 5/02 (2006.01) H01B 7/00 (2006.01) H01R 13/03 (2006.01) H05K 1/09 (2006.01)**
[25] EN
[54] **METALLIC MATERIAL FOR ELECTRONIC COMPONENTS, AND CONNECTOR TERMINALS, CONNECTORS AND ELECTRONIC COMPONENTS USING SAME**
[54] **MATIERE METALLIQUE POUR COMPOSANT ELECTRONIQUE, BORNE DE CONNECTEUR OBTENUE A L'AIDE DE CELLE-CI, CONNECTEUR ET COMPOSANT ELECTRONIQUE**
[72] SHIBUYA, YOSHITAKA, JP
[72] FUKAMACHI, KAZUHIKO, JP
[72] KODAMA, ATSUSHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2014-09-23
[86] 2013-01-25 (PCT/JP2013/051633)
[87] (WO2013/140850)
[30] JP (2012-068148) 2012-03-23
[30] JP (2012-112634) 2012-05-16

[11] **2,879,730**
[13] C
[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **THRUST-REVERSER ASSEMBLIES THAT UTILIZE ACTIVE FLOW-CONTROL AND SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **ENSEMBLES INVERSEURS DE POUSSEE UTILISANT UNE COMMANDE D'ECOULEMENT ACTIF ET SYSTEMES ET PROCEDES LES COMPORTANT**
[72] PACKARD, NATHAN OWEN, US
[72] BRZOZOWSKI, DANIEL PAUL, US
[72] VANDEMARK, ZACHARIAH B., US
[72] LAU, HIN-FAN M., US
[72] SANGWIN, MICHAEL L., US
[72] ROOS, FREDERICK W., US
[73] THE BOEING COMPANY, US
[86] (2879730)
[87] (2879730)
[22] 2015-01-22
[30] US (14/260,809) 2014-04-24

[11] **2,879,859**
[13] C
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/00 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **STRATIGRAPHIC MODELING USING PRODUCTION DATA DENSITY PROFILES**
[54] **MODELISATION STRATIGRAPHIQUE A L'AIDE DE PROFILS DE DENSITE DE DONNEES DE PRODUCTION**
[72] YARUS, JEFFREY MARC, US
[72] MAUCEC, MARKO, US
[72] CARVAJAL, GUSTAVO, US
[72] CHAMBERS, RICHARD L., US
[72] SHI, GENBAO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-22
[86] 2013-07-19 (PCT/US2013/051387)
[87] (WO2014/018414)
[30] US (13/560,914) 2012-07-27

[11] **2,880,398**
[13] C
[51] **Int.Cl. E05B 15/02 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **ELECTRIC STRIKE ASSEMBLY**
[54] **ENSEMBLE GACHE ELECTRIQUE**
[72] SINGH, MANDEEP, CA
[72] MCMILLAN, RYAN, CA
[73] RUTHERFORD CONTROLS INT'L INC., CA
[85] 2015-01-27
[86] 2013-07-30 (PCT/CA2013/050591)
[87] (WO2014/019088)
[30] US (61/677,212) 2012-07-30

[11] **2,880,441**
[13] C
[51] **Int.Cl. C10L 3/10 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **HEAVY HYDROCARBON REMOVAL FROM A NATURAL GAS STREAM**
[54] **ELIMINATION D'HYDROCARBURES LOURDS A PARTIR D'UN COURANT DE GAZ NATUREL**
[72] CHEN, FEI, US
[72] LUO, XUKUN, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[72] KRISHNAMURTHY, GOWRI, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2015-01-28
[86] 2013-07-31 (PCT/US2013/052933)
[87] (WO2014/022510)
[30] US (PCT/US2012/049506) 2012-08-03
[30] US (13/565,881) 2012-08-03
[30] US (13/611,169) 2012-09-12

[11] **2,880,522**
[13] C
[51] **Int.Cl. F03B 13/24 (2006.01) B63B 22/20 (2006.01) B63B 38/00 (2006.01) E02B 9/08 (2006.01) F03B 13/14 (2006.01)**
[25] EN
[54] **A FLOATABLE WAVE ENERGY CONVERTER AND A METHOD FOR IMPROVING THE EFFICIENCY OF A FLOATABLE WAVE ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE DES VAGUES FLOTTABLE ET PROCEDE DESTINE A AMELIORER L'EFFICACITE D'UN TEL CONVERTISSEUR**
[72] MCCARTHY, MICHAEL JOHN MARTIN, IE
[72] WHELAN, MICHAEL MARTIN, IE
[73] MARITIME TECHNOLOGIES LIMITED, IE
[86] (2880522)
[87] (2880522)
[22] 2007-10-18
[62] 2,666,792
[30] IE (S2006/0770) 2006-10-20

[11] **2,880,535**
[13] C
[51] **Int.Cl. A01K 97/01 (2006.01) A01K 97/12 (2006.01)**
[25] EN
[54] **ICE FISHING TIP UP FISHING LINE SYSTEM**
[54] **SYSTEME DE LIGNE A PECHE POUR DISPOSITIF DE PECHE SUR GLACE**
[72] SCHRAMSKI, MARTIN J., US
[73] SCHRAMSKI, MARTIN J., US
[86] (2880535)
[87] (2880535)
[22] 2015-01-30
[30] US (61/933500) 2014-01-30

[11] **2,880,733**
[13] C
[51] **Int.Cl. F15B 13/043 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **HYDRAULIC CONTROL VALVE FOR CONSTRUCTION MACHINERY**
[54] **VANNE DE COMMANDE HYDRAULIQUE POUR ENGINS DE CHANTIER**
[72] KU, BON-SEUK, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-01-30
[86] 2012-08-16 (PCT/KR2012/006507)
[87] (WO2014/027706)

[11] **2,881,369**
[13] C
[51] **Int.Cl. B23K 13/08 (2006.01) B21C 37/08 (2006.01) B23K 13/02 (2006.01) B23K 13/00 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDED PIPE WELDING APPARATUS**
[54] **APPAREIL DE SOUDAGE DE TUYAU SOUDE PAR RESISTANCE ELECTRIQUE**
[72] HIROTA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-06
[86] 2013-07-30 (PCT/JP2013/070653)
[87] (WO2014/027565)
[30] JP (2012-181054) 2012-08-17

[11] **2,881,801**
[13] C
[51] **Int.Cl. H01M 4/38 (2006.01) C22C 9/02 (2006.01)**
[25] EN
[54] **NEGATIVE ELECTRODE ACTIVE MATERIAL**
[54] **MATERIAU DE BASE ACTIF POUR ELECTRODES NEGATIVES**
[72] YAMAMOTO, SUKEYOSHI, JP
[72] NEGI, NORIYUKI, JP
[72] NAGATA, TATSUO, JP
[72] MORIGUCHI, KOJI, JP
[72] YONEMURA, MITSUHARU, JP
[72] KAKESHITA, TOMOYUKI, JP
[72] TERAI, TOMOYUKI, JP
[72] FUKUDA, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-12
[86] 2013-08-27 (PCT/JP2013/005061)
[87] (WO2014/034104)
[30] JP (2012-186159) 2012-08-27

[11] **2,881,848**
[13] C
[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/02 (2006.01) A61K 8/27 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SLURRY POWDER COSMETIC COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS COSMETIQUES EN FORME DE POUDRE EN SUSPENSION ET PROCEDES CORRESPONDANTS**
[72] FINJAN, TALAL, CA
[72] RIZVI, SYED, CA
[72] CASTRO, JOHN R., US
[73] ELC MANAGEMENT LLC, US
[85] 2015-02-11
[86] 2013-09-06 (PCT/US2013/058382)
[87] (WO2014/046882)
[30] US (13/624,296) 2012-09-21

[11] **2,881,903**
[13] C
[51] **Int.Cl. H01H 1/62 (2006.01) H01H 1/06 (2006.01) H01H 1/36 (2006.01)**
[25] EN
[54] **A CIRCUIT BREAKER**
[54] **DISJONCTEUR**
[72] THOMAS, RICHARD, SE
[73] ABB TECHNOLOGY LTD, CH
[85] 2015-02-12
[86] 2013-08-09 (PCT/EP2013/066712)
[87] (WO2014/026924)
[30] EP (12180774.7) 2012-08-17

[11] **2,882,109**
[13] C
[51] **Int.Cl. H03K 3/38 (2006.01) H03K 19/166 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING FLUX TO A QUANTUM-COHERENT SUPERCONDUCTING CIRCUIT**
[54] **SYSTEMES ET PROCEDES D'APPLICATION DE FLUX A UN CIRCUIT SUPRACONDUCTEUR COHERENT QUANTIQUE**
[72] HERR, QUENTIN P., US
[72] NAAMAN, OFER, US
[72] HERR, ANNA Y., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2015-02-13
[86] 2013-08-08 (PCT/US2013/054161)
[87] (WO2014/028302)
[30] US (13/585,467) 2012-08-14

---

[11] **2,882,314**
[13] C
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **PRELOAD AND CENTRALIZING DEVICE FOR MILLING SUBTERRANEAN BARRIER VALVES**
[54] **DISPOSITIF DE PRECHARGE ET DE CENTRALISATION POUR FRAISER DES VANNES DE BARRIERE SOUTERRAINES**
[72] COLEMAN, DAVID W., US
[72] VINCENT, BENNY J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-02-17
[86] 2013-08-30 (PCT/US2013/057595)
[87] (WO2014/039395)
[30] US (13/605,166) 2012-09-06

---

[11] **2,882,452**
[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) B65G 35/08 (2006.01) B65G 37/00 (2006.01)**
[25] EN
[54] **METHOD OF MATERIAL HANDLING WITH AUTOMATIC GUIDED VEHICLES**
[54] **METHODE DE TRAITEMENT DE MATERIEL COMPORTANT DES VEHICULES GUIDES AUTOMATIQUES**
[72] MURPHY, CHRISTOPHER JOHN, US
[73] JERVIS B. WEBB COMPANY, US
[86] (2882452)
[87] (2882452)
[22] 2015-02-19
[30] US (14/186,253) 2014-02-21

---

[11] **2,882,559**
[13] C
[51] **Int.Cl. B65D 21/032 (2006.01) B65D 21/036 (2006.01)**
[25] EN
[54] **STACKABLE CONTAINER SYSTEM**
[54] **SYSTEME DE RECIPIENTS EMPILABLES**
[72] MEYERS, DAVID O., US
[72] SORENSEN, STEVEN M., US
[73] RUNWAY BLUE, LLC, US
[85] 2015-02-20
[86] 2013-01-09 (PCT/US2013/020868)
[87] (WO2014/039079)
[30] US (13/609,238) 2012-09-10

---

[11] **2,883,205**
[13] C
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 9/44 (2006.01) G06F 11/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING ILLEGITIMATE APPLICATIONS**
[54] **SYSTEMES ET PROCEDES POUR DETECTER LES APPLICATIONS ILLEGITIMES**
[72] MAO, JUN, US
[72] MCCORKENDALE, BRUCE, US
[72] LAFFOON, BARRY, US
[72] WAWDA, ABUBAKAR, US
[73] SYMANTEC CORPORATION, US
[85] 2015-02-20
[86] 2013-09-03 (PCT/US2013/057887)
[87] (WO2014/039455)
[30] US (13/604,422) 2012-09-05

---

[11] **2,883,710**
[13] C
[51] **Int.Cl. H05H 1/54 (2006.01)**
[25] EN
[54] **APPARATUS FOR ACCELERATING AND COMPRESSING PLASMA**
[54] **APPAREIL D'ACCELERATION ET DE COMPRESSION DE PLASMA**
[72] LABERGE, MICHEL G., CA
[72] REYNOLDS, MERITT, CA
[73] GENERAL FUSION INC., CA
[85] 2015-02-26
[86] 2013-08-29 (PCT/CA2013/050670)
[87] (WO2014/032186)
[30] US (61/694,550) 2012-08-29

---

[11] **2,884,621**
[13] C
[51] **Int.Cl. B64C 13/04 (2006.01) G05G 1/34 (2009.01) B64C 27/56 (2006.01) F16B 21/12 (2006.01)**
[25] EN
[54] **RETENTION SYSTEMS FOR ROTORCRAFT PEDAL ASSEMBLIES**
[54] **MECANISMES DE RETENUE POUR DISPOSITIFS DE PEDALIERS DE NOYAUX DE ROTOR**
[72] WILLS, PATRICIA, US
[72] LAFON, BRIAN, US
[72] JENKINS, RICKY, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2884621)
[87] (2884621)
[22] 2015-03-10
[30] US (14/205,886) 2014-03-12

[11] **2,885,072**
[13] C
[51] **Int.Cl. H04M 3/22 (2006.01) G10L 17/26 (2013.01) H04L 29/06 (2006.01) H04M 3/527 (2006.01)**
[25] EN
[54] **AUTOMATED TESTING OF INTERACTIVE VOICE RESPONSE SYSTEMS**
[54] **TEST AUTOMATISE DE SYSTEMES DE REPONSE VOCALE INTERACTIFS**
[72] NATESAN, VIJAYCHANDAR, IN
[72] SARANGAPANI, RAJESH, IN
[72] CHATTERJEE, SURAJIT, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2885072)
[87] (2885072)
[22] 2015-03-13
[30] US (14/460,797) 2014-08-15

---

[11] **2,885,342**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **CO2 RECOVERY UNIT**
[54] **DISPOSITIF DE RECUPERATION DE CO2**
[72] NAKAYAMA, KOJI, US
[72] YONEKAWA, TAKAHITO, US
[72] INUI, MASAYUKI, US
[72] TSUJIUCHI, TATSUYA, US
[72] MIYAMOTO, OSAMU, JP
[72] SORIMACHI, YOSHIKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-18
[86] 2013-09-18 (PCT/JP2013/075197)
[87] (WO2014/046146)
[30] US (13/623,448) 2012-09-20

---

[11] **2,885,647**
[13] C
[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR REVERSE SHOULDER IMPLANTS**
[54] **SYSTEME POUR IMPLANTS D'EPAULE INVERSES**
[72] MARONEY, BRIAN, US
[72] HODOREK, BRIAN C., US
[72] GARGAC, SHAWN, US
[72] BOILEAU, PASCAL, FR
[72] WALCH, GILLES, FR
[72] FAVARD, LUC, FR
[72] CLAVERT, PHILIPPE, FR
[72] SIRVEAUX, FRANCOIS, FR
[72] KELLY, JAMES, US
[72] KRISHNAN, SUMANT, US
[72] MOLE, DANIEL, FR
[72] COMTE, CEDRIC, FR
[72] RUNDSTADLER, ERIC, FR
[72] MONDI, FRANCOIS, FR
[72] CHUINARD, CHRISTOPHER R., US
[72] EDWARDS, THOMAS BRADLEY, US
[72] DERANSART, PIERRIC, FR
[72] GABORIT, VINCENT, FR
[73] TORNIER ORTHOPEDICS IRELAND LTD., IE
[85] 2015-03-19
[86] 2013-10-29 (PCT/EP2013/072634)
[87] (WO2014/067961)
[30] US (61/719,835) 2012-10-29

---

[11] **2,885,670**
[13] C
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **HYPOTHETICAL REFERENCE DECODER PARAMETER SYNTAX STRUCTURE**
[54] **STRUCTURE SYNTAXIQUE DE PARAMETRES D'UN DECODEUR FICTIF DE REFERENCE**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060906)
[87] (WO2014/058598)
[30] US (61/711,098) 2012-10-08
[30] US (13/954,712) 2013-07-30

---

[11] **2,886,186**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) B01F 7/00 (2006.01) B01F 15/00 (2006.01) B28C 5/12 (2006.01) B28C 5/44 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MIXING OF A MULTI-COMPONENT CEMENT**
[54] **DISPOSITIF ET PROCEDE DE MELANGE D'UN CIMENT MULTICOMPOSANTE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2886186)
[87] (2886186)
[22] 2015-03-26
[30] DE (10 2014 106 873.4) 2014-05-15

---

[11] **2,887,045**
[13] C
[51] **Int.Cl. A47J 27/12 (2006.01) A47J 43/04 (2006.01)**
[25] EN
[54] **AUTO STIR COOKING APPLIANCE**
[54] **APPAREIL DE CUISSON PAR AUTO-BRASSAGE**
[72] RANDALL, LARRY, US
[72] HAMMAD, JAMAL, US
[73] SUNBEAM PRODUCTS, INC., US
[85] 2015-04-07
[86] 2013-10-03 (PCT/US2013/063259)
[87] (WO2014/055759)
[30] US (61/709,320) 2012-10-03
[30] US (61/776,079) 2013-03-11
[30] CN (201320504720.2) 2013-08-19

[11] **2,887,150**
[13] C
[51] **Int.Cl. F25J 3/06 (2006.01) C10L 3/10 (2006.01) F25J 3/08 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING DEDICATED REINJECTION CIRCUIT**
[54] **ELIMINATION D'AZOTE INTEGREE DANS LA PRODUCTION DE GAZ NATUREL LIQUEFIE AU MOYEN D'UN CIRCUIT DE REINJECTION SPECIALISE**
[72] CHEN, FEI, US
[72] LIU, YANG, US
[72] KRISHNAMURTHY, GOWRI, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2887150)
[87] (2887150)
[22] 2015-04-07
[30] US (14/260,643) 2014-04-24

---

[11] **2,887,161**
[13] C
[51] **Int.Cl. B62L 1/00 (2006.01) B62K 19/38 (2006.01) B62K 25/20 (2006.01) B62L 3/02 (2006.01)**
[25] EN
[54] **BRAKE CALIPER ARRANGEMENT STRUCTURE FOR MOTORCYCLE**
[54] **STRUCTURE D'AGENCEMENT D'ETRIERS DE FREIN POUR MOTOCYCLETTE**
[72] NAGAI, RYUICHI, JP
[72] NAKAIE, HIROKATSU, JP
[72] TOYODA, HIDETOSHI, JP
[72] ITO, SHINJI, JP
[72] KAWASAKI, SHINJI, JP
[72] MATSUI, YASUMASA, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2015-04-01
[86] 2013-07-22 (PCT/JP2013/069788)
[87] (WO2014/069051)
[30] JP (2012-241923) 2012-11-01

---

[11] **2,887,194**
[13] C
[51] **Int.Cl. B29C 70/44 (2006.01) B29C 70/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A ROTOR BLADE SPAR CAP**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'UNE SEMELLE DE LONGERON DE PALE DE ROTOR**
[72] BENDEL, URS, DE
[72] ZELLER, LENZ SIMON, DE
[72] EYB, ENNO, DE
[72] RICHERS, TILMAN, DE
[72] WITTHUS, JAN-PETER, DE
[73] SENVION SE, DE
[85] 2015-04-02
[86] 2013-10-11 (PCT/EP2013/003058)
[87] (WO2014/063790)
[30] DE (10 2012 219 226.3) 2012-10-22

---

[11] **2,887,247**
[13] C
[51] **Int.Cl. F25J 3/06 (2006.01) C10L 3/10 (2006.01) F25J 3/08 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING INTERMEDIATE FEED GAS SEPARATION**
[54] **ELIMINATION D'AZOTE INTEGREE DANS LA PRODUCTION DE GAZ NATUREL LIQUEFIE AU MOYEN D'UNE SEPARATION DE GAZ D'ALIMENTATION INTERMEDIAIRE**
[72] CHEN, FEI, US
[72] LIU, YANG, US
[72] KRISHNAMURTHY, GOWRI, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2887247)
[87] (2887247)
[22] 2015-04-09
[30] US (14/260,678) 2014-04-24

---

[11] **2,887,252**
[13] C
[51] **Int.Cl. F25J 3/06 (2006.01) C10L 3/10 (2006.01) F25J 3/08 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING REFRIGERATED HEAT PUMP**
[54] **EXTRACTION D'AZOTE INTEGREE DANS LA PRODUCTION DE GAZ NATUREL LIQUEFIE A L'AIDE D'UNE POMPE THERMIQUE REFRIGEREE**
[72] OTT, CHRISTOPHER MICHAEL, US
[72] KRISHNAMURTHY, GOWRI, US
[72] CHEN, FEI, US
[72] LIU, YANG, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2887252)
[87] (2887252)
[22] 2015-04-09
[30] US (14/260,753) 2014-04-24

---

[11] **2,887,818**
[13] C
[51] **Int.Cl. B23P 15/28 (2006.01) B26D 1/143 (2006.01) D21D 1/00 (2006.01)**
[25] EN
[54] **BLADE ELEMENT FOR REFINER**
[54] **ELEMENT DE LAME POUR RAFFINEUR**
[72] LOIJAS, MARKO, FI
[72] KONONEN, TIMO, FI
[72] KAARINEVA, MATTI, FI
[73] VALMET TECHNOLOGIES, INC., FI
[86] (2887818)
[87] (2887818)
[22] 2015-04-13
[30] FI (20145629) 2014-06-30

[11] **2,888,175**
[13] C
[51] **Int.Cl. H04L 12/46 (2006.01) H04W 84/04 (2009.01) B61L 27/00 (2006.01) H04L 9/32 (2006.01) H04L 12/22 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SECURITY DEVICE BANK AND SYSTEM INCLUDING THE SECURITY DEVICE BANK**
[54] **BANQUE DE DISPOSITIFS DE SECURITE ET SYSTEME COMPRENANT LA BANQUE DE DISPOSITIFS DE SECURITE**
[72] SIU, JOSEPH, CA
[73] THALES CANADA INC., CA
[85] 2015-04-13
[86] 2013-10-11 (PCT/IB2013/002289)
[87] (WO2014/060821)
[30] US (61/714,202) 2012-10-15
[30] US (13/837,012) 2013-03-15

[11] **2,888,761**
[13] C
[51] **Int.Cl. A23F 5/46 (2006.01)**
[25] EN
[54] **TREATING SOLUBLE COFFEE**
[54] **TRAITEMENT DE CAFE SOLUBLE**
[72] PENNER, AMY L., GB
[73] KRAFT FOODS R&D, INC., US
[85] 2015-04-20
[86] 2013-11-15 (PCT/IB2013/002817)
[87] (WO2014/083422)
[30] GB (1221415.1) 2012-11-28

[11] **2,889,334**
[13] C
[51] **Int.Cl. H03M 1/54 (2006.01)**
[25] EN
[54] **DATA SAMPLING METHOD AND SYSTEM, AND APPLICATION METHOD AND SYSTEM THEREOF IN PARAMETER IDENTIFICATION**
[54] **SYSTEME ET METHODE D'ECHANTILLONNAGE DE DONNEES, ET SYSTEME ET METHODE D'APPLICATION ASSOCIES DESTINES A L'IDENTIFICATION DE PARAMETRE**
[72] HAO, YUSHAN, CN
[73] HAO, YUSHAN, CN
[85] 2015-04-23
[86] 2013-10-23 (PCT/CN2013/085813)
[87] (WO2014/063635)
[30] CN (201210408534.9) 2012-10-23

[11] **2,889,687**
[13] C
[51] **Int.Cl. G01V 8/10 (2006.01) G01B 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR FINDING DISTANCE INFORMATION FROM A LINEAR SENSOR ARRAY**
[54] **PROCEDE DE DETERMINATION D'INFORMATIONS DE DISTANCE A PARTIR D'UN RESEAU LINEAIRE DE CAPTEURS**
[72] BELZ, JEFFREY JOHN, US
[73] MASCO CANADA LIMITED, CA
[85] 2015-04-27
[86] 2013-11-11 (PCT/US2013/069396)
[87] (WO2014/088761)
[30] US (13/708,944) 2012-12-08

[11] **2,889,876**
[13] C
[51] **Int.Cl. B65G 51/01 (2006.01) E21C 41/00 (2006.01) E21C 45/00 (2006.01)**
[25] EN
[54] **MINERAL SUSPENDING AGENT, METHOD OF MAKING, AND USE THEREOF**
[54] **AGENT DE SUSPENSION MINERAL, PROCEDE DE FABRICATION ET SON UTILISATION**
[72] PURCELL, ROBERT J., JR., US
[72] PARKER, DENNIS C., US
[72] LYMAN, MATTHEW J., US
[72] SMITH, JAMES M., US
[73] ACTIVE MINERALS INTERNATIONAL, LLC, US
[85] 2015-04-28
[86] 2013-10-22 (PCT/US2013/066114)
[87] (WO2014/070519)
[30] US (13/664,948) 2012-10-31

[11] **2,889,921**
[13] C
[51] **Int.Cl. H02J 3/38 (2006.01) H02S 40/32 (2014.01) H02S 50/10 (2014.01) H02J 13/00 (2006.01) H04B 3/32 (2006.01)**
[25] EN
[54] **ELECTRICAL COMBINER BOX WITH IMPROVED FUNCTIONALITY**
[54] **BOITE DE COMBINAISON ELECTRIQUE A FONCTIONNALITE AMELIOREE**
[72] GODMERE, STEVEN PETER, US
[72] DEBONE, CHRISTOPHER ROBERT, US
[73] E GEAR LLC, US
[85] 2015-04-29
[86] 2013-02-15 (PCT/US2013/000038)
[87] (WO2013/122685)
[30] US (61/633,716) 2012-02-15

[11] **2,890,076**
[13] C
[51] **Int.Cl. E21B 49/02 (2006.01) E21B 47/00 (2012.01) G01N 21/17 (2006.01)**
[25] EN
[54] **REMOTE PUMPED DUAL CORE OPTICAL FIBER SYSTEM FOR USE IN SUBTERRANEAN WELLS**
[54] **SYSTEME DE FIBRE OPTIQUE A DOUBLE COEUR POMPE A DISTANCE POUR L'UTILISATION DANS DES PUITS SOUTERRAINS**
[72] JAASKELAINEN, MIKKO, US
[72] MITCHELL, IAN B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-30
[86] 2014-02-10 (PCT/US2014/015482)
[87] (WO2014/149227)
[30] US (13/847,183) 2013-03-19

[11] **2,891,410**
[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 44/00 (2006.01) E21B 49/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTE ACTUATION OF A DOWNHOLE TOOL**
[54] **SYSTEMES ET PROCEDES POUR L'ACTIONNEMENT A DISTANCE D'UN OUTIL DE FOND DE TROU**
[72] WALTON, ZACHARY W., US
[72] EIS, ANDY, US
[72] HOWELL, MATTHEW TODD, US
[72] FRIPP, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-11
[86] 2014-01-10 (PCT/US2014/011061)
[87] (WO2014/116442)
[30] US (13/748,917) 2013-01-24

[11] **2,891,478**
[13] C
[51] **Int.Cl. B23P 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SUPER 13CR TOOL COUPLER**
[54] **PROCEDE DE FABRICATION D'UN RACCORD TITRANT PLUS DE 13 % DE CHROME**
[72] ZHAO, PENG, CN
[72] YU, JIE, CN
[72] LIU, SHAOFENG, CN
[72] ZHANG, CHUNXIA, CN
[72] WANG, MINGHUA, CN
[73] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-05-14
[86] 2013-10-09 (PCT/CN2013/084876)
[87] (WO2014/169593)
[30] CN (201310139112.0) 2013-04-19

[11] **2,891,950**
[13] C
[51] **Int.Cl. F16B 2/06 (2006.01) B25B 5/00 (2006.01)**
[25] EN
[54] **CLAMP FOR STANDING SEAM**
[54] **ELEMENT DE SERRAGE POUR JOINT DEBOUT**
[72] KOVACS, TAMAS, US
[72] TAYLOR, MARTIN, US
[72] BAILEY, JIM, US
[72] WASLEY, ALAN, US
[73] PMC INDUSTRIES, INC., US
[85] 2015-05-19
[86] 2014-07-10 (PCT/US2014/046242)
[87] (WO2015/006619)
[30] US (61/844,763) 2013-07-10

[11] **2,892,001**
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) C07K 7/50 (2006.01) C07K 7/64 (2006.01) C07K 14/00 (2006.01) C07K 14/47 (2006.01) C07K 14/75 (2006.01) C07K 16/18 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING AUTOANTIBODIES FROM PATIENTS SUFFERING FROM RHEUMATOID ARTHRITIS, A PEPTIDE AND AN ASSAYKIT**
[54] **PROCEDE POUR DETECTER DES AUTO-ANTICORPS CHEZ DES PATIENTS SOUFFRANT DE POLYARTHRITE RHUMATOIDE, PEPTIDE ET TROUSSE DE DOSAGE**
[72] VAN VENROOIJ, WALTHERUS JACOBUS WILHELMUS, NL
[72] DRIJFHOUT, JAN WOUTER, NL
[72] VAN BOEKEL, MARTINUS ADRIANUS MARIA, NL
[72] PRUIJN, GERARDUS JOZEF MARIA, NL
[73] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[86] (2892001)
[87] (2892001)
[22] 2002-12-11
[62] 2,708,463
[30] NL (1019540) 2001-12-11

[11] **2,892,264**
[13] C
[51] **Int.Cl. B61D 25/00 (2006.01)**
[25] EN
[54] **AN ARRANGEMENT WITH A GLASS PANE OF A RAIL VEHICLE FORMING A PART OF AN OUTER VEHICLE SURFACE**
[54] **UN ARRANGEMENT COMPORTANT UN PANNEAU DE VERRE D'UN VEHICULE SUR RAIL FORMANT UNE PARTIE D'UNE SURFACE EXTERIEURE DE VEHICULE**
[72] HARTMAN, STEFAN, AT
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[86] (2892264)
[87] (2892264)
[22] 2015-05-20
[30] DE (10 2014 209 530.1) 2014-05-20

[11] **2,892,865**
[13] C
[51] **Int.Cl. E03C 1/02 (2006.01)**
[25] EN
[54] **PLUMBING OUTLET BOX WITH MOUNTING FEATURES**
[54] **BOITE DE PRISE DE TUYAUTERIE DOTEE DE FONCTIONNALITES D'INSTALLATION**
[72] WHITEHEAD, JAMES H., US
[72] HUMBER, JEFFREY A., US
[73] IPS CORPORATION, US
[86] (2892865)
[87] (2892865)
[22] 2015-05-22
[30] US (14/682645) 2015-04-09

[11] **2,893,100**
[13] C
[51] **Int.Cl. A24C 5/47 (2006.01) A24C 5/00 (2006.01) A24C 5/10 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO SMOKING ARTICLE ASSEMBLY**
[54] **PERFECTIONNEMENTS CONCERNANT UN ENSEMBLE ARTICLE A FUMER**
[72] LE ROUX, GERHARD, ZA
[72] BRAY, ANDREW JONATHAN, GB
[73] TOBACCO RESEARCH AND DEVELOPMENT INSTITUTE (PROPRIETARY) LIMITED, ZA
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-05-28
[86] 2013-12-06 (PCT/GB2013/053224)
[87] (WO2014/087170)
[30] GB (1222005.9) 2012-12-06

[11] **2,893,106**
[13] C
[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **(THIENO[2,3-B][1,5]BENZOXAZEPIN-4-YL)PIPERAZIN-1-YL COMPOUNDS AS DUAL ACTIVITY H1 INVERSE AGONISTS/5-HT2A ANTAGONISTS**
[54] **COMPOSES (THIENO[2,3-B][1,5]BENZOXAZEPIN-4-YL)PIPERAZIN-1-YLE EN TANT QU'AGONISTES INVERSES DE H1/ANTAGONISTES DE 5-HT2A A DOUBLE ACTIVITE**
[72] GALLAGHER, PETER THADDEUS, US
[73] ELI LILLY AND COMPANY, US
[85] 2015-05-27
[86] 2014-01-08 (PCT/US2014/010577)
[87] (WO2014/110065)
[30] US (61/752,203) 2013-01-14

[11] **2,893,271**
[13] C
[51] **Int.Cl. E04G 3/28 (2006.01) B66F 3/08 (2006.01) B66F 3/46 (2006.01) B66F 11/04 (2006.01) E04G 3/20 (2006.01) E04G 3/24 (2006.01)**
[25] EN
[54] **SELF-JACKING SCAFFOLD FOR LARGE CYLINDRICAL TANKS**
[54] **ECHAFAUDAGE A AUTO-VERINAGE POUR GRANDS RESERVOIRS CYLINDRIQUES**
[72] MORK, OLIVER, US
[72] TELLALIAN, MARTY, US
[72] HORACEK, DON, US
[72] RILEY, GLENN, US
[72] EDENBURN, ANDY, US
[72] GARZA, AL, US
[72] KUCIC, JOSEPH, US
[73] CHICAGO BRIDGE & IRON COMPANY, US
[73] OM ENGINEERING, AU
[85] 2015-05-29
[86] 2013-11-27 (PCT/US2013/072299)
[87] (WO2014/085629)
[30] US (61/731,953) 2012-11-30

[11] **2,893,873**
[13] C
[51] **Int.Cl. B28D 7/04 (2006.01) B23Q 1/01 (2006.01) B26D 7/20 (2006.01) B28D 1/04 (2006.01) B28D 1/24 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **FRAME FOR AN ELECTRIC APPARATUS FOR CUTTING CERAMIC ELEMENTS**
[54] **CADRE POUR APPAREIL ELECTRIQUE DESTINE A LA COUPE D'ELEMENTS EN CERAMIQUE**
[72] SOLER BALCELLS, JORDI, ES
[73] GERMANS BOADA, S.A., ES
[86] (2893873)
[87] (2893873)
[22] 2015-06-05
[30] ES (P201430892) 2014-06-11

[11] **2,894,446**
[13] C
[51] **Int.Cl. A61K 8/40 (2006.01) A61Q 13/00 (2006.01) A61Q 15/00 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT AND DEODORANT COMPOSITIONS**
[54] **COMPOSITIONS ANTITRANSPIRANTES ET DEODORANTES**
[72] CETTI, JONATHAN ROBERT, US
[72] DUBOIS, ZERLINA GUZDAR, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] KINSEY, MICHAEL WAYNE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-08
[86] 2013-12-13 (PCT/US2013/074884)
[87] (WO2014/093747)
[30] US (61/737,257) 2012-12-14
[30] US (61/869,241) 2013-08-23
[30] US (61/879,217) 2013-09-18

[11] **2,894,546**
[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **METHOD OF MATERIAL HANDLING WITH AUTOMATIC GUIDED VEHICLES**
[54] **PROCEDE DE MANIPULATION DE MATERIAU AVEC VEHICULES GUIDES AUTOMATIQUES**
[72] MURPHY, CHRISTOPHER JOHN, US
[73] JERVIS B. WEBB COMPANY, US
[85] 2015-06-09
[86] 2013-12-13 (PCT/US2013/074983)
[87] (WO2014/099660)
[30] US (13/718,277) 2012-12-18

[11] **2,895,058**
[13] C
[51] **Int.Cl. D06F 29/00 (2006.01) D06F 37/20 (2006.01)**
[25] EN
[54] **AUXILIARY WASHING MACHINE AND CLOTHES TREATMENT APPARATUS USING THE SAME**
[54] **LAVE-LINGE AUXILIAIRE ET APPAREIL DE TRAITEMENT DE VETEMENTS L'UTILISANT**
[72] LEE, DONGSOO, KR
[72] KIM, DONGWON, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-06-12
[86] 2013-09-24 (PCT/KR2013/008523)
[87] (WO2014/112704)
[30] KR (10-2013-0004676) 2013-01-16

---

[11] **2,895,787**
[13] C
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS OF RUNNING CASING**
[54] **APPAREIL ET PROCEDE DE FONCTIONNEMENT DE TUBAGE**
[72] LE, TUONG THANH, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-06-18
[86] 2014-01-10 (PCT/US2014/011141)
[87] (WO2014/110441)
[30] US (61/751,830) 2013-01-12

---

[11] **2,896,233**
[13] C
[51] **Int.Cl. B32B 1/08 (2006.01) B32B 7/12 (2006.01) C09J 7/02 (2006.01) F16L 9/14 (2006.01)**
[25] EN
[54] **FILAMENT REINFORCED TAPES USEFUL AS UNDERWATER PIPE WRAP**
[54] **BANDES RENFORCEES DE FILAMENTS UTILES COMME ENROBAGE DE CONDUITE SOUS L'EAU**
[72] TYNAN, JOHN K., JR., US
[72] CHRZANOWSKI, DEBORAH A., CA
[72] LEWANDOWSKI, MARK A., US
[73] INTERTAPE POLYMER CORP., US
[86] (2896233)
[87] (2896233)
[22] 2007-09-24
[62] 2,663,458
[30] US (60/847,223) 2006-09-26
[30] US (60/847,637) 2006-09-27

---

[11] **2,896,254**
[13] C
[51] **Int.Cl. B65D 83/54 (2006.01)**
[25] FR
[54] **METERING VALVE**
[54] **VALVE DOSEUSE**
[72] BODET, HERVE, FR
[72] GAILLARD, ERIC, FR
[73] LINDAL FRANCE SAS, FR
[85] 2015-06-23
[86] 2014-01-14 (PCT/EP2014/050548)
[87] (WO2014/111362)
[30] FR (1350343) 2013-01-15

---

[11] **2,896,428**
[13] C
[51] **Int.Cl. C12P 7/64 (2006.01) B01J 8/02 (2006.01) B01J 8/24 (2006.01)**
[25] EN
[54] **ENZYMATIC TRANSESTERIFICATION/ESTERIFICATION PROCESSING SYSTEMS AND PROCESSES EMPLOYING LIPASES IMMOBILIZED ON HYDROPHOBIC RESINS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT PAR ESTERIFICATION/TRANSESTERIFICATION ENZYMATIQUES FAISANT INTERVENIR DES LIPASES IMMOBILISEES SUR DES RESINES HYDROPHOBES**
[72] BASHEER, SOBHI, IL
[72] MOHSEN, USAMA, IL
[73] TRANS BIO-DIESEL LTD., IL
[85] 2015-06-25
[86] 2013-12-30 (PCT/IL2013/051079)
[87] (WO2014/102796)
[30] US (61/747,618) 2012-12-31

---

[11] **2,897,675**
[13] C
[51] **Int.Cl. G09F 19/22 (2006.01) E04C 2/30 (2006.01) E04C 2/42 (2006.01)**
[25] EN
[54] **DECORATIVE DETECTABLE WARNING PANEL HAVING IMPROVED GRIP**
[54] **PANNEAU D'AVERTISSEMENT DETECTABLE DECORATIF AYANT UNE PRISE AMELIOREE**
[72] HENSHUE, CHRISTOPHER GARY, US
[72] HENSHUE, GARY LAVERNE, US
[72] BARTA, KENT SHERMAN, US
[72] ROBB, EDWARD JAMES, US
[72] RIGGS, DAVID MATTHEW, US
[72] ROBB, ALEXANDER FREDERICK, US
[73] BRANDBUMPS, LLC, US
[86] (2897675)
[87] (2897675)
[22] 2013-02-11
[62] 2,862,750
[30] US (61/596,940) 2012-02-09

---

[11] **2,898,966**
[13] C
[51] **Int.Cl. E21B 7/10 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **A MILL DIVERTER HAVING A SWELLABLE MATERIAL FOR PREVENTING FLUID FLOW PAST THE MATERIAL**
[54] **DEVIATEUR DE FRAISE COMPRENANT UN MATERIAU GONFLANT POUR EMPECHER L'ECOULEMENT DE FLUIDE AU-DELA DU MATERIAU**
[72] ROSAS, EULALIO J., SA
[72] BAILEY, ERNEST C., SA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-22
[86] 2013-02-27 (PCT/US2013/027907)
[87] (WO2014/133498)

[11] **2,899,392**
[13] C
[51] **Int.Cl. F04D 29/38 (2006.01) B29C 70/06 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING FAN BLADE AND APPARATUS FOR MANUFACTURING THE SAME FAN BLADE**
[54] **METHODE DE FABRICATION DE PALE DE VENTILATEUR ET APPAREIL DE FABRICATION DE LADITE PALE DE VENTILATEUR**
[72] MURAKAMI, TSUTOMU, JP
[72] MORITA, HIDEO, JP
[72] INADA, TAKAOMI, JP
[72] YAGI, HIROYUKI, JP
[72] SATO, SEIICHI, JP
[72] BABA, SHUNICHI, JP
[73] IHI CORPORATION, JP
[85] 2015-07-27
[86] 2014-02-13 (PCT/JP2014/053298)
[87] (WO2014/126138)
[30] JP (2013-025808) 2013-02-13

[11] **2,899,539**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) B01F 15/02 (2006.01) B05C 21/00 (2006.01) B28C 7/12 (2006.01) B67B 7/00 (2006.01) B67B 7/20 (2006.01)**
[25] EN
[54] **TENSIONED OPENING DEVICE FOR MONOMER CONTAINER**
[54] **DISPOSITIF D'OUVERTURE TENDU POUR CONTENANT MONOMERE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2899539)
[87] (2899539)
[22] 2015-08-05
[30] DE (10 2014 112 043.4) 2014-08-22

[11] **2,899,742**
[13] C
[51] **Int.Cl. E04F 15/18 (2006.01) B32B 25/08 (2006.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01) E04B 1/82 (2006.01) E04F 13/075 (2006.01) E04F 13/077 (2006.01)**
[25] EN
[54] **MULTI-LAYER ACOUSTICAL FLOORING TILE AND METHOD OF MANUFACTURE**
[54] **CARREAU DE SOL ACOUSTIQUE MULTICOUCHE ET PROCEDE DE FABRICATION**
[72] FREEDMAN, MICHAEL, US
[72] TUCKER, DALE, US
[73] MICHAEL FREEDMAN & ASSOCIATES, INC., US
[85] 2015-07-29
[86] 2014-03-21 (PCT/US2014/031413)
[87] (WO2014/165335)
[30] US (61/808,670) 2013-04-05

[11] **2,899,806**
[13] C
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/4025 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **AZETIDINYLOXYPHENYLPYRROLIDINE COMPOUNDS**
[54] **COMPOSES D'AZETIDINYLOXYPHENYLPYRROLIDINE**
[72] DENG, GARY G., US
[72] HUANG, DANWEN, US
[72] ODINGO, JOSHUA O., US
[73] ELI LILLY AND COMPANY, US
[85] 2015-07-29
[86] 2014-03-07 (PCT/US2014/021474)
[87] (WO2014/159012)
[30] US (61/778,546) 2013-03-13

[11] **2,899,912**
[13] C
[51] **Int.Cl. E04C 5/18 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **CONCRETE PRODUCTS LOCKING CAGE SPACER**
[54] **ESPACEUR DE CAGE BLOQUANT POUR PRODUITS DE BETON**
[72] STRABALA, DAVE, US
[72] GRIMM, CURT, US
[73] HAWKEYEPEDERSHAAB CONCRETE TECHNOLOGIES, INC., US
[86] (2899912)
[87] (2899912)
[22] 2015-08-07
[30] US (62/034,405) 2014-08-07
[30] US (14/820,235) 2015-08-06

[11] **2,899,990**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **DUAL MAGNETIC SENSOR ACTUATION ASSEMBLY**
[54] **ENSEMBLE D'ACTIONNEMENT DE DOUBLE CAPTEUR MAGNETIQUE**
[72] WALTON, ZACHARY W., US
[72] HOWELL, MATTHEW T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-30
[86] 2014-03-04 (PCT/US2014/020307)
[87] (WO2014/158813)
[30] US (13/828,824) 2013-03-14

[11] **2,900,161**
[13] C
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING ANALYSIS OF SUBTERRANEAN WELL BORES AND FLUIDS USING NOBLE GASES**
[54] **SYSTEMES ET PROCEDES POUR OPTIMISER UNE ANALYSE DE FORAGES DE PUITS ET DE FLUIDES SOUTERRAINS EN UTILISANT DES GAZ NOBLES**
[72] ROWE, MATHEW, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-08-04
[86] 2013-03-08 (PCT/US2013/029924)
[87] (WO2014/137356)

[11] **2,900,506**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **DETERMINING A TARGET NET TREATING PRESSURE FOR A SUBTERRANEAN REGION**
[54] **DETERMINATION D'UNE PRESSION DE TRAITEMENT DE RESEAU CIBLE POUR UNE REGION SOUTERRAINE**
[72] DUSTERHOFT, RONALD GLEN, US
[72] ALLISON, DAVID BLAIR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-08-06
[86] 2014-02-14 (PCT/US2014/016569)
[87] (WO2014/158428)
[30] US (13/804,335) 2013-03-14

---

[11] **2,900,635**
[13] C
[51] **Int.Cl. B29C 70/54 (2006.01) C09K 3/10 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL MANDREL END CAP AND METHOD**
[54] **CAPUCHON D'EXTREMITE DE MANDRIN MULTIFONCTIONNEL ET METHODE ASSOCIEE**
[72] LOCKETT, PETER J., AU
[72] SCARFE, MANNING J., AU
[73] THE BOEING COMPANY, US
[86] (2900635)
[87] (2900635)
[22] 2015-08-14
[30] US (14/517,029) 2014-10-17

---

[11] **2,900,778**
[13] C
[51] **Int.Cl. B29C 70/04 (2006.01)**
[25] EN
[54] **EXTRUDED DEPOSITION OF FIBER REINFORCED POLYMERS**
[54] **DEPOT EXTRUDE DE POLYMERES RENFORCES PAR DES FIBRES**
[72] BOGUCKI, GREGG ROBERT, US
[72] HICKMAN, GREGORY JAMES SCHOEPEN, US
[72] HAYES, MICHAEL WILLIAM, US
[73] THE BOEING COMPANY, US
[86] (2900778)
[87] (2900778)
[22] 2015-08-17
[30] US (14/489,972) 2014-09-18

---

[11] **2,901,571**
[13] C
[51] **Int.Cl. C08G 77/04 (2006.01) C07F 7/02 (2006.01) G02F 1/167 (2006.01)**
[25] EN
[54] **COLORED CHARGED SILSESQUIOXANES**
[54] **SILSESQUIOXANES CHARGES COLORES**
[72] OHRLEIN, REINHOLD, DE
[72] BAISCH, GABRIELE, DE
[73] BASF SE, DE
[85] 2015-08-17
[86] 2014-04-16 (PCT/IB2014/060751)
[87] (WO2014/170833)
[30] EP (13164387.6) 2013-04-19

---

[11] **2,901,982**
[13] C
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR WELL CONTROL**
[54] **APPAREIL ET PROCEDES DE COMMANDE DE PUITS**
[72] YEH, CHARLES S., US
[72] MOFFETT, TRACY J., US
[72] SLADIC, JOHN S., US
[72] HALL, CHRISTOPHER A., US
[72] MCNAMEE, STEPHEN, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-08-20
[86] 2014-02-24 (PCT/US2014/018095)
[87] (WO2014/149396)
[30] US (61/798,717) 2013-03-15

---

[11] **2,902,410**
[13] C
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 43/046 (2006.01)**
[25] EN
[54] **MILK FOAMER**
[54] **MOUSSEUR A LAIT**
[72] JIN, HUAN, CN
[72] LIU, WANQUAN, CN
[72] ORIGANE, MASAAKI, JP
[72] TAGUCHI, TERUAKI, JP
[72] KISHI, HIDEAKI, JP
[73] UCC UESHIMA COFFEE CO., LTD., JP
[85] 2015-08-25
[86] 2014-03-05 (PCT/JP2014/055621)
[87] (WO2014/136833)
[30] CN (201310072701.1) 2013-03-07
[30] CN (201320103994.0) 2013-03-07
[30] CN (201320104219.7) 2013-03-07
[30] CN (201320104108.6) 2013-03-07
[30] CN (201320113314.3) 2013-03-13
[30] CN (201320330547.9) 2013-06-08
[30] CN (201310304965.5) 2013-07-19
[30] CN (201320431680.3) 2013-07-19

---

[11] **2,902,907**
[13] C
[51] **Int.Cl. A61F 2/915 (2013.01) A61F 2/91 (2013.01)**
[25] EN
[54] **IMPLANTABLE MEDICAL DEVICES FOR REDUCED TISSUE INFLAMMATION**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES POUR INFLAMMATION TISSULAIRE REDUITE**
[72] WOOD, MARK, US
[72] SEDDON, DANE T., US
[72] FLEURY, SEAN, US
[72] ROSS, DANIEL, US
[72] DORAN, BURNS P., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-08-26
[86] 2014-02-26 (PCT/US2014/018538)
[87] (WO2014/134111)
[30] US (61/770,905) 2013-02-28

[11] **2,903,137**
[13] C
[51] **Int.Cl. C07D 413/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] LOPEZ-TAPIA, FRANCISCO JAVIER, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-08-27
[86] 2014-03-03 (PCT/EP2014/054018)
[87] (WO2014/135474)
[30] US (61/772,954) 2013-03-05

[11] **2,903,404**
[13] C
[51] **Int.Cl. F23N 5/02 (2006.01)**
[25] EN
[54] **IN SITU PROBE WITH IMPROVED DIAGNOSTICS AND COMPENSATION**
[54] **SONDE IN SITU AVEC DIAGNOSTICS ET COMPENSATION AMELIORES**
[72] KRAMER, JAMES D., US
[72] NEMER, JOSEPH C., US
[72] WEY, ANNI S., US
[72] SIMMERS, DOUGLAS E., US
[72] STOJKOV, MARK, US
[73] ROSEMOUNT ANALYTICAL INC., US
[85] 2015-08-31
[86] 2014-03-27 (PCT/US2014/032016)
[87] (WO2014/160866)
[30] US (61/806,629) 2013-03-29
[30] US (14/224,680) 2014-03-25

[11] **2,905,035**
[13] C
[51] **Int.Cl. B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] TAKEYAMA, MAKOTO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2905035)
[87] (2905035)
[22] 2015-09-18
[30] JP (2014-224117) 2014-11-04

[11] **2,905,707**
[13] C
[51] **Int.Cl. C08F 220/18 (2006.01) C08F 290/00 (2006.01) C09D 7/12 (2006.01) C09D 133/08 (2006.01)**
[25] EN
[54] **HYBRID LATEX PARTICLES FOR SELF-STRATIFYING COATINGS**
[54] **PARTICULES DE LATEX HYBRIDES POUR REVETEMENTS AUTOSTRATIFIANTS**
[72] MACKULIN, PETER J., US
[72] KRAFCIK, RANDOLPH B., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2015-09-11
[86] 2014-03-10 (PCT/US2014/022271)
[87] (WO2014/159162)
[30] US (13/804,193) 2013-03-14

[11] **2,905,711**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/575 (2006.01)**
[25] EN
[54] **STABILIZING UNCONSOLIDATED FORMATION FOR FINES CONTROL**
[54] **STABILISATION D'UNE FORMATION NON CONSOLIDEE POUR LA REGULATION DE FINES**
[72] PATIL, PRAJAKTA RATNAKAR, IN
[72] GEORGE, SHOY CHITTATTUKARA, IN
[72] DAS, PRASANTA, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-11
[86] 2014-02-28 (PCT/US2014/019214)
[87] (WO2014/172018)
[30] US (13/864,367) 2013-04-17

[11] **2,906,485**
[13] C
[51] **Int.Cl. B60R 25/34 (2013.01) B60R 25/32 (2013.01)**
[25] EN
[54] **SHOCK DETECTION SYSTEM AND SHOCK DETECTION METHOD WITH VEHICLE AT REST**
[54] **MECANISME DE DETECTION DE CHOC ET METHODE DE DETECTION DE CHOC D'UN VEHICULE A L'ARRET**
[72] OYA, RYOSUKE, JP
[72] NADA, MITSUHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2906485)
[87] (2906485)
[22] 2015-09-29
[30] JP (2014-212225) 2014-10-17

[11] **2,907,282**
[13] C
[51] **Int.Cl. B60K 15/03 (2006.01)**
[25] EN
[54] **A TANK DEVICE, A VEHICLE, AND A METHOD FOR EVALUATING AN OUTPUT OF A PRESSURE SENSOR**
[54] **UN DISPOSITIF DE RESERVOIR, UN VEHICULE ET UNE METHODE D'EVALUATION D'UN SIGNAL DE SORTIE D'UN CAPTEUR DE PRESSION**
[72] SAITO, HIROMU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2907282)
[87] (2907282)
[22] 2015-10-05
[30] JP (2014-217125) 2014-10-24

[11] **2,907,427**
[13] C
[51] **Int.Cl. C10L 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ASH-FREE COAL**
[54] **PROCEDE DE PRODUCTION DE CHARBON SANS CENDRE**
[72] YOSHIDA, TAKUYA, JP
[72] OKUYAMA, NORIYUKI, JP
[72] KINOSHITA, SHIGERU, JP
[72] SAKAI, KOJI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2015-09-16
[86] 2014-04-15 (PCT/JP2014/060739)
[87] (WO2014/171460)
[30] JP (2013-085780) 2013-04-16

---

[11] **2,907,781**
[13] C
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/02 (2006.01) A61K 8/24 (2006.01)**
[25] EN
[54] **PERSONAL CARE COMPOSITIONS CONTAINING ZINC PYRITHIONE AND A METAL-PHOSPHONATE COMPLEX**
[54] **COMPOSITIONS POUR SOINS PERSONNELS CONTENANT DE LA PYRITHIONE DE ZINC ET UN COMPLEXE METAL-PHOSPHONATE**
[72] JIANG, CHUNPENG, CN
[72] LIU, ZHE, CN
[72] WANG, JUAN, CN
[72] XU, XIUJUN, CN
[72] WEI, KARL SHIQING, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-09-22
[86] 2014-02-28 (PCT/CN2014/072729)
[87] (WO2014/169733)
[30] CN (PCT/CN2013/074366) 2013-04-18

---

[11] **2,907,880**
[13] C
[51] **Int.Cl. E06B 9/52 (2006.01)**
[25] EN
[54] **REMOVABLE WINDOW AND DOOR SCREENS**
[54] **ECRANS DE FENETRE ET DE PORTE DETACHABLES**
[72] ALTIERI, JOSEPH A., JR., US
[73] ALTIERI, JOSEPH A., JR., US
[85] 2015-09-23
[86] 2014-03-21 (PCT/US2014/031409)
[87] (WO2014/160600)
[30] US (13/853,632) 2013-03-29
[30] US (14/051,066) 2013-10-10

---

[11] **2,908,083**
[13] C
[51] **Int.Cl. E04F 15/02 (2006.01) E04C 2/40 (2006.01)**
[25] EN
[54] **FLOOR PANEL AND FLOOR COVERING CONSISTING OF A PLURALITY OF SUCH FLOOR PANELS**
[54] **PANNEAU DE PLANCHER ET REVETEMENT DE PLANCHER CONSISTANT EN UNE PLURALITE DE TELS PANNEAUX DE PLANCHER**
[72] PERRA, ANTONIO GIUSEPPE, NL
[72] ZWEED, SANDER GORDON, NL
[73] INNOVATIONS 4 FLOORING HOLDING N.V., DE
[86] (2908083)
[87] (2908083)
[22] 2010-06-14
[62] 2,764,957
[30] NL (2003019) 2009-06-12
[30] NL (PCT/NL2009/050540) 2009-09-09

---

[11] **2,908,102**
[13] C
[51] **Int.Cl. H01M 8/1004 (2016.01)**
[25] EN
[54] **METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND MEMBRANE ELECTRODE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF D'ELECTRODE A MEMBRANE ET DISPOSITIF D'ELECTRODE A MEMBRANE**
[72] TSUBOSAKA, KENJI, JP
[72] YOSHIKAWA, HIROO, JP
[72] NISHIDA, TSUNEMASA, JP
[72] MIZUTANI, NOBUAKI, JP
[72] SAITOU, TAKEAKI, JP
[72] NAKANISHI, JUNJI, JP
[72] HAMANO, MASATO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2908102)
[87] (2908102)
[22] 2015-10-09
[30] JP (2014-226629) 2014-11-07

---

[11] **2,908,226**
[13] C
[51] **Int.Cl. B01D 29/39 (2006.01)**
[25] EN
[54] **MULTI-SEGMENTED TUBE SHEET**
[54] **PLAQUE TUBULAIRE MULTI-SEGMENTEE**
[72] NEHLEN, PAUL F., III, US
[73] NEPTUNE-BENSON, LLC, US
[86] (2908226)
[87] (2908226)
[22] 2015-10-08
[30] US (62/063,681) 2014-10-14
[30] US (14/535,596) 2014-11-07
[30] US (14/830,956) 2015-08-20

[11] **2,908,950**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **A METHOD OF REMOVING A DISSOLVABLE WELLBORE ISOLATION DEVICE**
[54] **PROCEDE D'ELIMINATION D'UN DISPOSITIF D'ISOLATION DE TROU DE FORAGE SOLUBLE**
[72] WALTON, ZACHARY W., US
[72] HOWELL, MATTHEW T., US
[72] MERRON, MATT J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-06
[86] 2014-02-07 (PCT/US2014/015415)
[87] (WO2014/182355)
[30] US (13/889,073) 2013-05-07

[11] **2,909,816**
[13] C
[51] **Int.Cl. H01M 8/2465 (2016.01) H01M 8/0247 (2016.01)**
[25] EN
[54] **FUEL BATTERY**
[54] **PILE A COMBUSTIBLE**
[72] KOBAYASHI, MASAYA, JP
[72] KANNO, DAISUKE, JP
[72] YOSHIZUMI, TOMOO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909816)
[87] (2909816)
[22] 2015-10-20
[30] JP (2014-228187) 2014-11-10

[11] **2,909,866**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01) B60R 16/02 (2006.01)**
[25] EN
[54] **ELECTRIC EQUIPMENT UNIT AND VEHICLE**
[54] **MODULE D'EQUIPEMENT ELECTRIQUE ET VEHICULE**
[72] TAKESHITA, MASAHIRO, JP
[72] YOSHIKAWA, SHIGETAKA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909866)
[87] (2909866)
[22] 2015-10-22
[30] JP (2014-230765) 2014-11-13

[11] **2,911,085**
[13] C
[51] **Int.Cl. A61F 13/02 (2006.01)**
[25] EN
[54] **EXPANDABLE WOUND DRESSINGS**
[54] **PANSEMENTS EXPANSIBLES**
[72] SKIBA, JEFFRY, US
[73] VOMARIS INNOVATIONS, INC., US
[85] 2015-10-30
[86] 2014-03-03 (PCT/US2014/019975)
[87] (WO2014/178945)
[30] US (61/818,797) 2013-05-02
[30] US (61/821,362) 2013-05-09
[30] US (61/821,365) 2013-05-09

[11] **2,911,893**
[13] C
[51] **Int.Cl. D03D 15/02 (2006.01) D03D 15/00 (2006.01) D03D 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING WOVEN FABRIC AND WOVEN FABRIC**
[54] **PROCEDE DE FABRICATION DE TISSU TISSE ET TISSU TISSE**
[72] SAKAUE, MOTOHIKO, JP
[72] OGATA, MITUO, JP
[72] SHIMOIDE, HAJIME, JP
[73] SAKAUE WEAVING CO., LTD., JP
[85] 2015-11-06
[86] 2015-03-24 (PCT/JP2015/058871)
[87] (WO2015/166748)
[30] JP (PCT/JP2014/061990) 2014-04-30

[11] **2,912,003**
[13] C
[51] **Int.Cl. G01M 11/02 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS OF PHASE DIVERSITY WAVEFRONT SENSING**
[54] **SYSTEME ET PROCEDES DE DETECTION DE FRONT D'ONDE DE DIVERSITE DE PHASE**
[72] RAYMOND, THOMAS D., US
[72] PULASKI, PAUL, US
[72] FARRER, STEPHEN W., US
[72] NEAL, DANIEL R., US
[72] GREENAWAY, ALAN H., GB
[72] FAICHNIE, DAVID M., GB
[72] CAMPBELL DALGARNO, HEATHER I., GB
[72] CRAIK, GRAHAM N., GB
[73] AMO WAVEFRONT SCIENCES, LLC, US
[86] (2912003)
[87] (2912003)
[22] 2008-10-28
[62] 2,713,418
[30] US (60/983,830) 2007-10-30
[30] US (61/028,877) 2008-02-14
[30] US (61/048,042) 2008-04-25

[11] **2,912,661**
[13] C
[51] **Int.Cl. A01K 89/012 (2006.01)**
[25] EN
[54] **REEL LINE SPOOLER**
[54] **BOBINEUR DE LIGNE POUR MOULINET**
[72] MASTEN, JAMES L., US
[73] MASTEN, JAMES L., US
[85] 2015-11-16
[86] 2014-05-08 (PCT/US2014/037314)
[87] (WO2014/186211)
[30] US (61/824,828) 2013-05-17

[11] **2,914,464**
[13] C
[51] **Int.Cl. C22C 38/06 (2006.01) B21D 22/20 (2006.01) C21D 1/26 (2006.01) C21D 8/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C25D 5/26 (2006.01)**
[25] EN
[54] **HOT STAMP MOLDED BODY, AND METHOD FOR PRODUCING HOT STAMP MOLDED BODY**
[54] **PRODUIT ESTAMPE A CHAUD ET PROCEDE POUR LA PRODUCTION D'UN PRODUIT ESTAMPE A CHAUD**
[72] AKIBA, KOJIRO, JP
[72] KONDO, YUSUKE, JP
[72] KIKUCHI, YOSHITAKA, JP
[72] KATO, SATOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-12-03
[86] 2014-06-06 (PCT/JP2014/065113)
[87] (WO2014/199923)
[30] JP (2013-122351) 2013-06-11

---

[11] **2,914,584**
[13] C
[51] **Int.Cl. B01J 20/26 (2006.01) B01J 20/34 (2006.01) C07C 51/44 (2006.01) C07C 51/47 (2006.01) C07C 53/08 (2006.01) C07C 51/12 (2006.01)**
[25] EN
[54] **ALDEHYDE ADSORBENT, METHOD FOR REMOVING ALDEHYDE, METHOD FOR PRODUCING ACETIC ACID, AND METHOD FOR REGENERATING ALDEHYDE ADSORBENT**
[54] **ADSORBANT D'ALDEHYDE, PROCEDE D'ELIMINATION D'ALDEHYDE, PROCEDE DE PRODUCTION D'ACIDE ACETIQUE, ET PROCEDE DE REGENERATION D'ADSORBANT D'ALDEHYDE**
[72] YOU, ZHIXIONG, JP
[72] UMEHARA, YOICHI, JP
[72] MATSUMURA, TETSURO, JP
[72] MINAMI, TAKESHI, JP
[73] CHIYODA CORPORATION, JP
[85] 2015-12-04
[86] 2014-06-03 (PCT/JP2014/002950)
[87] (WO2014/199593)
[30] JP (2013-123746) 2013-06-12

---

[11] **2,916,110**
[13] C
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **GROUP MANAGEMENT METHOD AND SERVER IN MOBILE SOCIAL NETWORK SERVICE APPLICATION**
[54] **PROCEDE DE GESTION DE GROUPES ET SERVEUR DANS UNE APPLICATION DE SERVICE DE RESEAU SOCIAL MOBILE**
[72] JEONG, YEONGMIN, KR
[73] OPENVACS CO., LTD., KR
[73] JEONG, YEONGMIN, KR
[85] 2015-01-07
[86] 2013-06-12 (PCT/KR2013/005195)
[87] (WO2014/010833)
[30] KR (10-2012-0075309) 2012-07-11

---

[11] **2,916,653**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/513 (2006.01) A61P 25/00 (2006.01) C07D 401/12 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **HETEROAROMATIC COMPOUNDS AND THEIR USE AS DOPAMINE D1 LIGANDS**
[54] **COMPOSES HETERO-AROMATIQUES ET LEUR UTILISATION EN TANT QUE LIGANDS D1 DE LA DOPAMINE**
[72] BRODNEY, MICHAEL AARON, US
[72] DAVOREN, JENNIFER ELIZABETH, US
[72] DOUNAY, AMY BETH, US
[72] EFREMOV, IVAN VIKTOROVICH, US
[72] GRAY, DAVID LAWRENCE FIRMAN, US
[72] GREEN, MICHAEL ERIC, US
[72] HENDERSON, JACLYN LOUISE, US
[72] LEE, CHEWAH, US
[72] MENTE, SCOT RICHARD, US
[72] O'NEIL, STEVEN VICTOR, US
[72] ROGERS, BRUCE NELSEN, US
[72] ZHANG, LEI, US
[73] PFIZER INC., US
[85] 2015-12-22
[86] 2014-06-13 (PCT/IB2014/062217)
[87] (WO2014/207601)
[30] US (61/840,144) 2013-06-27

---

[11] **2,916,672**
[13] C
[51] **Int.Cl. B81B 7/00 (2006.01)**
[25] EN
[54] **WAFER LEVEL PACKAGE SOLDER BARRIER USED AS VACUUM GETTER**
[54] **BARRIERE DE SOUDURE DE NIVEAU DE TRANCHE UTILISEE EN TANT QUE DEGAZEUR A VIDE**
[72] GOOCH, ROLAND W., US
[72] DIEP, BUU Q., US
[72] KENNEDY, ADAM M., US
[72] BLACK, STEPHEN H., US
[72] KOCIAN, THOMAS A., US
[73] RAYTHEON COMPANY, US
[85] 2015-12-22
[86] 2014-07-08 (PCT/US2014/045756)
[87] (WO2015/006327)
[30] US (13/939,400) 2013-07-11

---

[11] **2,917,006**
[13] C
[51] **Int.Cl. A63H 1/30 (2006.01)**
[25] EN
[54] **YO-YO BALL WITH FRICTION MOTION ENERGY STORAGE AND ACCELERATION FUNCTIONS**
[54] **BALLE DE YO-YO DOTEE DE FONCTIONS DE STOCKAGE D'ENERGIE DU MOUVEMENT DE FRICTION ET D'ACCELERATION**
[72] CAI, DONGQING, CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[85] 2016-01-07
[86] 2015-01-17 (PCT/CN2015/070951)
[87] (WO2016/061918)
[30] CN (201410575183.X) 2014-10-25

[11] **2,917,172**
[13] C
[51] **Int.Cl. F03B 13/22 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL CARRYING DEVICE FOR TIDAL STREAM GENERATOR AND USING METHOD THEREOF**
[54] **DISPOSITIF PORTEUR MULTIFONCTION POUR GENERATRICE MAREMOTRICE ET SON PROCEDE D'UTILISATION**
[72] ZHANG, CHANG, CN
[73] ZHANG, CHANG, CN
[73] ZHOU, WENYU, CN
[73] PAN, YANQIAN, CN
[85] 2016-01-04
[86] 2014-06-19 (PCT/CN2014/080321)
[87] (WO2015/000366)
[30] CN (201310272525.6) 2013-07-01

[11] **2,918,208**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SEARCH INTENT FOR QUERIES ON ONLINE SOCIAL NETWORKS**
[54] **INTENTION DE RECHERCHE POUR DES INTERROGATIONS SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] DHAMDHERE, KEDAR, US
[72] CHATOT, OLIVIER, US
[73] FACEBOOK, INC., US
[86] (2918208)
[87] (2918208)
[22] 2014-04-30
[62] 2,910,876
[30] US (13/887,015) 2013-05-03

[11] **2,920,914**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G06F 9/06 (2006.01) G06F 19/00 (2011.01) G09B 9/08 (2006.01)**
[25] EN
[54] **PORTABLE COMPUTING DEVICE AND METHOD FOR TRANSMITTING INSTRUCTOR OPERATING STATION (IOS) FILTERED INFORMATION**
[54] **DISPOSITIF INFORMATIQUE PORTABLE ET METHODE DE TRANSMISSION D'INFORMATION FILTREE DE POSTE FONCTIONNEL D'INSTRUCTEUR**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC, CA
[86] (2920914)
[87] (2920914)
[22] 2016-02-17

[11] **2,920,928**
[13] C
[51] **Int.Cl. A61M 5/36 (2006.01) A61M 5/145 (2006.01)**
[25] EN
[54] **INJECTOR PURGE SEQUENCE USING LIGHT SENSOR FOR AIR DETECTION**
[54] **SEQUENCE DE PURGE D'INJECTEUR EMPLOYANT UN DETECTEUR DE LUMIERE POUR LA DETECTION D'AIR**
[72] GRISPO, KEITH M., US
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[86] (2920928)
[87] (2920928)
[22] 2005-02-11
[62] 2,755,958
[30] US (10/780,269) 2004-02-17

[11] **2,921,006**
[13] C
[51] **Int.Cl. B63H 20/00 (2006.01) B63B 49/00 (2006.01) B63H 20/10 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR OUTBOARD MOTOR**
[54] **APPAREIL DE COMMANDE DESTINE A UN MOTEUR HORS-BORD**
[72] HIROSHIMA, NAOKI, JP
[72] YAMAMOTO, HIROSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2921006)
[87] (2921006)
[22] 2016-02-16
[30] JP (2015-037814) 2015-02-27
[30] JP (2015-037815) 2015-02-27
[30] JP (2015-037816) 2015-02-27

[11] **2,921,848**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) A61B 34/10 (2016.01) G09B 23/28 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **APPARATUS FOR SIMULATING INSERTION OF AN ELONGATED INSTRUMENT INTO A STRUCTURE AND MEDICAL INSERTION SIMULATOR**
[54] **APPAREIL DE SIMULATION D'INSERTION D'UN INSTRUMENT ALLONGE DANS UNE STRUCTURE ET UN SIMULATEUR D'INSERTION MEDICAL**
[72] LAVIGUEUR, MAXIME, CA
[72] PICARD, ALEXANDRE, CA
[72] MALLACI, GIUSEPPE, CA
[72] CARON, FRANCOIS, CA
[73] CAE HEALTHCARE CANADA INC., CA
[86] (2921848)
[87] (2921848)
[22] 2016-02-26

[11] **2,924,561**
[13] C
[51] **Int.Cl. B65B 25/02 (2006.01) B32B 3/10 (2006.01) B32B 7/02 (2006.01) B65D 81/22 (2006.01) B65D 81/34 (2006.01) B65D 85/34 (2006.01) B32B 7/04 (2006.01) B65D 65/40 (2006.01) B65D 81/26 (2006.01) B65D 81/28 (2006.01)**
[25] EN
[54] **PACKAGING FOR PRESERVING FRUITS AND VEGETABLES AND MANUFACTURING METHOD**
[54] **EMBALLAGE POUR LA CONSERVATION DE FRUITS ET DE LEGUMES ET PROCEDE DE FABRICATION**
[72] GRIJALVA VARILLAS, SERGIO FERNANDO, MX
[73] GRIJALVA VARILLAS, SERGIO FERNANDO, MX
[85] 2016-03-16
[86] 2013-10-03 (PCT/MX2013/000118)
[87] (WO2015/050423)

---

[11] **2,924,828**
[13] C
[51] **Int.Cl. A61F 13/535 (2006.01) A61F 13/536 (2006.01) A61F 13/537 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES WITH CHANNELS AND SIGNALS**
[54] **ARTICLES ABSORBANTS AVEC CANAUX ET SIGNAUX**
[72] TAPP, ANN CECILIA, US
[72] SANBORN, SARAH ANN, DE
[72] WALTHER, RACHAEL EDEN, US
[72] FITES, THEODORE CORY, US
[72] STRASEMEIER, JOHN ANDREW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-03-16
[86] 2014-09-16 (PCT/US2014/055733)
[87] (WO2015/039062)
[30] US (61/878,297) 2013-09-16

---

[11] **2,924,846**
[13] C
[51] **Int.Cl. A61L 2/02 (2006.01) A61L 2/16 (2006.01) A61L 2/24 (2006.01) B08B 17/00 (2006.01) D21H 21/36 (2006.01)**
[25] EN
[54] **USE OF PHOTO-CATALYTIC MATERIAL FOR CLEANING BANKNOTES**
[54] **UTILISATION D'UN MATERIAU PHOTOCATALYTIQUE POUR L'AUTONETTOYAGE DES BILLETS DE BANQUE**
[72] LAWANDY, NABIL M., US
[73] SPECTRA SYSTEMS CORPORATION, US
[86] (2924846)
[87] (2924846)
[22] 2012-09-28
[62] 2,885,685
[30] US (13/625,368) 2012-09-24

---

[11] **2,928,255**
[13] C
[51] **Int.Cl. F16B 1/02 (2006.01)**
[25] EN
[54] **CONNECTION STRUCTURE FOR WOODWARE PART**
[54] **STRUCTURE DE RACCORDEMENT POUR ARTICLE EN BOIS**
[72] TIAN, SHENGJUN, CN
[73] TIAN, SHENGJUN, CN
[85] 2016-04-21
[86] 2014-09-18 (PCT/CN2014/000851)
[87] (WO2015/039407)
[30] CN (201320619002.X) 2013-09-23

---

[11] **2,929,524**
[13] C
[51] **Int.Cl. B23K 35/30 (2006.01) C22C 38/04 (2006.01) C22C 38/18 (2006.01)**
[25] EN
[54] **FLUX-CORED ARC WELDING MATERIAL HAVING REMARKABLE IMPACT RESISTANCE AND ABRASION RESISTANCE**
[54] **MATERIAU DE SOUDAGE A L'ARC AVEC FIL FOURRE PRESENTANT UN RESISTANCE AUX CHOCS ET UNE RESISTANCE A L'ABRASION REMARQUABLES**
[72] LEE, BONG-KEUN, KR
[72] HAN, IL-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, SANG-CHUL, KR
[72] LEE, DONG-RYEOL, KR
[72] KIM, GEUG, KR
[73] POSCO, KR
[85] 2016-05-03
[86] 2014-10-02 (PCT/KR2014/009293)
[87] (WO2015/083930)
[30] KR (10-2013-0151808) 2013-12-06

---

[11] **2,929,786**
[13] C
[51] **Int.Cl. B65C 9/18 (2006.01) B65C 1/02 (2006.01)**
[25] EN
[54] **LABELLING MACHINE**
[54] **MACHINE A ETIQUETER**
[72] ALBENIZ GARCIA-FALCES, EDUARDO, ES
[72] LORENTE RODA, JOSU, ES
[73] ALBENIZ ETIQUETAJE INDUSTRIAL, S.L., ES
[85] 2016-05-05
[86] 2014-11-13 (PCT/ES2014/070839)
[87] (WO2015/071519)
[30] ES (P201331664) 2013-11-15

[11] **2,929,824**
[13] C
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/139 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **VIDEO ENCODING APPARATUS AND A VIDEO DECODING APPARATUS**
[54] **DISPOSITIF DE CODAGE D'IMAGES DYNAMIQUES ET DISPOSITIF DE DECODAGE D'IMAGES DYNAMIQUES**
[72] ASAKA, SAORI, JP
[72] CHUJOH, TAKESHI, JP
[72] TANIZAWA, AKIYUKI, JP
[72] YASUDA, GOKI, JP
[72] WADA, NAOFUMI, JP
[72] WATANABE, TAKASHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[86] (2929824)
[87] (2929824)
[22] 2009-06-18
[62] 2,845,186

[11] **2,930,175**
[13] C
[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/04 (2006.01)**
[25] EN
[54] **TUNABLE ACOUSTIC TRANSMITTER FOR DOWNHOLE USE**
[54] **EMETTEUR ACOUSTIQUE ACCORDABLE DESTINE A ETRE UTILISE EN FOND DE TROU**
[72] GAO, LI, US
[72] SHAH, VIMAL V., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-09
[86] 2013-12-17 (PCT/US2013/075765)
[87] (WO2015/094185)

[11] **2,931,477**
[13] C
[51] **Int.Cl. B61F 5/38 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR STEERING TRUCK OF RAILWAY VEHICLE, AND TRUCK**
[54] **PROCEDE ET DISPOSITIF DE DIRECTION DE BOGIE DE VEHICULE FERROVIAIRE ET BOGIE**
[72] OZAKI, TAKUYA, JP
[72] IWATO, KAZUNORI, JP
[72] KIKKO, SATOSHI, JP
[72] TOKUNAGA, SATOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[86] (2931477)
[87] (2931477)
[22] 2012-05-22
[62] 2,853,215
[30] JP (2011-235284) 2011-10-26

[11] **2,931,625**
[13] C
[51] **Int.Cl. A63B 71/06 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **BASKETBALL SHOT-TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE TIRS AU BASKETBALL**
[72] IANNI, BRUCE C., US
[72] ROSS, DAVYEON D., US
[72] KAHLER, CLINT A., US
[72] DANKNICK, DANIEL A., US
[73] SHOTTRACKER, INC., US
[86] (2931625)
[87] (2931625)
[22] 2014-06-10
[62] 2,888,773
[30] US (61/834,018) 2013-06-12
[30] US (61/837,896) 2013-06-21
[30] US (61/926,706) 2014-01-13

[11] **2,932,702**
[13] C
[51] **Int.Cl. F01D 11/08 (2006.01) F01D 9/04 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **TURBINE**
[54] **TURBINE**
[72] YAMAZAKI, HIROKI, JP
[72] TERASAWA, MASAHIRO, JP
[72] II, YASUHIRO, JP
[73] IHI CORPORATION, JP
[85] 2016-06-03
[86] 2014-08-11 (PCT/JP2014/071192)
[87] (WO2015/083400)
[30] JP (2013-251841) 2013-12-05

[11] **2,932,908**
[13] C
[51] **Int.Cl. B60W 10/02 (2006.01) B60W 10/101 (2012.01) B60W 10/06 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM OF VEHICLE**
[54] **SYSTEME DE COMMANDE DE VEHICULE**
[72] KIMURA, KENTA, JP
[72] ITO, YOSHIO, JP
[72] YANAGIDA, TOMOAKI, JP
[72] NAGASATO, YU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2932908)
[87] (2932908)
[22] 2016-06-14
[30] JP (2015-121496) 2015-06-16

[11] **2,933,809**
[13] C
[51] **Int.Cl. G06F 17/11 (2006.01) G06F 17/16 (2006.01)**
[25] EN
[54] **FLEXIBLE BLOCK ILU FACTORIZATION**
[54] **FACTORISATION ILU PAR BLOCS SOUPLE**
[72] WANG, QINGHUA, US
[72] FLEMING, GRAHAM CHRISTOPHER, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-06-20
[86] 2014-01-31 (PCT/US2014/014244)
[87] (WO2015/116193)

[11] **2,934,927**
[13] C
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/122 (2014.01) H04N 19/124 (2014.01) H04N 19/129 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] M&K HOLDINGS INC., KR
[86] (2934927)
[87] (2934927)
[22] 2011-04-22
[62] 2,797,047
[30] KR (10-2010-0038158) 2010-04-23

---

[11] **2,936,568**
[13] C
[51] **Int.Cl. A01N 3/02 (2006.01) A01H 5/02 (2006.01)**
[25] EN
[54] **BOUQUET OF CUT FLOWERS**
[54] **BOUQUET DE FLEURS COUPEES**
[72] CHRISTENSEN, ELLEN MARGRETHE SKOVSGAARD, DK
[72] NIELSEN, KAI LONNE, DK
[73] KNUD JEPSEN A/S, DK
[85] 2016-07-12
[86] 2015-01-26 (PCT/EP2015/051495)
[87] (WO2015/110635)
[30] NL (2012150) 2014-01-27

---

[11] **2,938,402**
[13] C
[51] **Int.Cl. G01N 13/04 (2006.01) G01N 33/48 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **BIOMARKER NORMALIZATION**
[54] **NORMALISATION DE BIOMARQUEUR**
[72] SULLIVAN, BENJAMIN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[86] (2938402)
[87] (2938402)
[22] 2008-04-16
[62] 2,684,488
[30] US (60/912,129) 2007-04-16

---

[11] **2,938,404**
[13] C
[51] **Int.Cl. G01N 13/04 (2006.01) G01N 33/48 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **BIOMARKER NORMALIZATION**
[54] **NORMALISATION DE BIOMARQUEUR**
[72] SULLIVAN, BENJAMIN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[86] (2938404)
[87] (2938404)
[22] 2008-04-16
[62] 2,684,488
[30] US (60/912,129) 2007-04-16

---

[11] **2,939,537**
[13] C
[51] **Int.Cl. H01C 7/00 (2006.01) H01B 1/20 (2006.01) H01B 13/00 (2006.01)**
[25] EN
[54] **RESISTIVE COMPOSITION**
[54] **COMPOSITION RESISTIVE**
[72] MASHIMA, HIROSHI, JP
[72] MOROFUJI, YUKARI, JP
[73] SHOEI CHEMICAL INC., JP
[85] 2016-08-11
[86] 2015-08-20 (PCT/JP2015/073357)
[87] (WO2016/039107)
[30] JP (2014-185799) 2014-09-12

---

[11] **2,939,542**
[13] C
[51] **Int.Cl. H01C 7/00 (2006.01) H01B 1/20 (2006.01) H01B 13/00 (2006.01)**
[25] EN
[54] **THICK FILM RESISTOR AND PRODUCTION METHOD FOR SAME**
[54] **RESISTANCE A PELLICULE MINCE ET METHODE DE PRODUCTION DE LADITE RESISTANCE**
[72] MASHIMA, HIROSHI, JP
[72] MOROFUJI, YUKARI, JP
[73] SHOEI CHEMICAL INC., JP
[85] 2016-08-11
[86] 2015-08-20 (PCT/JP2015/073358)
[87] (WO2016/039108)
[30] JP (2014-185800) 2014-09-12

---

[11] **2,941,000**
[13] C
[51] **Int.Cl. B27G 15/00 (2006.01) B27C 3/00 (2006.01)**
[25] EN
[54] **HOLE EXPANSION FORMING DEVICE**
[54] **DISPOSITIF DE FORMATION DE PROLONGEMENT DE TROU**
[72] YAHARA, ISAMU, JP
[73] MOKUKOUZOU SYSTEM CO., LTD., JP
[85] 2016-08-26
[86] 2014-03-04 (PCT/JP2014/055425)
[87] (WO2015/132874)

---

[11] **2,947,105**
[13] C
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE SAFETY SHIELD**
[54] **ECRAN DE PROTECTION POUR AIGUILLE**
[72] DUNNE, STEPHEN, GB
[72] EMMOTT, DOUGLAS ARTHUR, GB
[73] NEW INJECTION SYSTEMS LTD, GB
[85] 2016-10-26
[86] 2015-05-01 (PCT/GB2015/051306)
[87] (WO2015/166288)
[30] GB (1407682.2) 2014-05-01

---

[11] **2,947,266**
[13] C
[51] **Int.Cl. H04N 5/225 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING EVENT TIMING IMAGES**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGES DE TIMING D'EVENEMENT**
[72] ALDRIDGE, JEREMY W., US
[72] DEANGELIS, DOUGLAS J., US
[72] SIGEL, KIRK M., US
[72] CIHOLAS, MIKE E., US
[72] BLAYLOCK, PAUL R., US
[72] HOLLINGER, HERB A., US
[72] HALLAM, EVAN A., US
[73] LYNX SYSTEM DEVELOPERS, INC., US
[85] 2016-10-27
[86] 2015-04-28 (PCT/US2015/027887)
[87] (WO2015/168058)
[30] US (14/263,550) 2014-04-28
[30] US (14/263,578) 2014-04-28
[30] US (14/263,504) 2014-04-28
[30] US (14/263,532) 2014-04-28

[11] **2,948,641**
[13] C
[51] **Int.Cl. A63B 22/14 (2006.01) A63B 22/00 (2006.01)**
[25] EN
[54] **TREADMILL SYSTEM WITH ROTATABLE EXERCISE PLATFORM**
[54] **SYSTEME DE TAPIS DE JOGGING COMPRENANT UNE PLATEFORME D'EXERCICE ROTATIVE**
[72] BRONTMAN, YUVAL, US
[73] BRONTMAN, YUVAL, US
[85] 2016-11-09
[86] 2015-05-21 (PCT/US2015/032034)
[87] (WO2015/179684)
[30] US (62/001,410) 2014-05-21

[11] **2,949,065**
[13] C
[51] **Int.Cl. A01D 43/10 (2006.01) A01D 43/00 (2006.01)**
[25] EN
[54] **HYDRAULIC CONDITIONER ROLL TENSION IN PULL-TYPE MOWER CONDITIONER**
[54] **TENSION DE ROULEAU CONDITIONNEUR HYDRAULIQUE DANS UNE FAUCHEUSE-CONDITIONNEUSE DU TYPE A TRACTION**
[72] PRUITT, MARTIN E., US
[72] TREFFER, DOUGLAS RAY, US
[72] BOLLINGER, SHANE A., US
[73] AGCO CORPORATION, US
[85] 2016-11-14
[86] 2015-05-11 (PCT/US2015/030130)
[87] (WO2015/183532)
[30] US (62/004,606) 2014-05-29

[11] **2,955,697**
[13] C
[51] **Int.Cl. G01S 19/17 (2010.01) H04W 4/02 (2009.01) H04W 4/22 (2009.01)**
[25] EN
[54] **IMPROVED MOBILE PERSONAL EMERGENCY RESPONSE SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE REPONSE D'URGENCE PERSONNEL MOBILE AMELIORE ET SON PROCEDE D'UTILISATION**
[72] GRAAFSMA, PAUL, US
[73] GRAAFSMA, PAUL, US
[85] 2017-01-18
[86] 2016-05-05 (PCT/US2016/030870)
[87] (WO2016/186848)
[30] US (62/161,906) 2015-05-15

[11] **2,958,024**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR CONDUCTING AN ONLINE TRANSACTION TO FULFILL A RAIL-SHIPMENT SERVICE INQUIRY OR A RAIL-SHIPMENT SERVICE ORDERING**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR EFFECTUER UNE TRANSACTION EN LIGNE AFIN DE REMPLIR UNE DEMANDE DE RENSEIGNEMENTS SUR UN SERVICE D'EXPEDITION FERROVIAIRE OU UNE COMMANDE DE SERVICE D'EXPEDITION FERROVIAIRE**
[72] PODGURNY, LEONARD JOHN, CA
[72] ERNESAKS, ANITA, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
[86] (2958024)
[87] (2958024)
[22] 2002-02-01
[62] 2,922,551

[11] **2,958,530**
[13] C
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] ASAI, YOSHITOMO, JP
[72] TAKEDA, HIROSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-02-17
[86] 2014-08-20 (PCT/JP2014/071813)
[87] (WO2016/027335)

[11] **2,959,846**
[13] C
[51] **Int.Cl. C05F 17/02 (2006.01) B01J 19/18 (2006.01) C02F 3/00 (2006.01) C12M 1/02 (2006.01) C12M 1/04 (2006.01) C12M 1/36 (2006.01) C12M 1/38 (2006.01)**
[25] EN
[54] **A BIOREACTOR SYSTEM AND METHOD**
[54] **UN SYSTEME DE BIOREACTEUR ET METHODE**
[72] WU, XIANGGEN, CA
[73] WU, XIANGGEN, CA
[86] (2959846)
[87] (2959846)
[22] 2017-03-03
[30] US (15/178,261) 2016-06-09

[11] **2,961,458**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **COMPLEX-VALUED SYNTHESIS FILTER BANK WITH PHASE SHIFT**
[54] **BATTERIE DE FILTRES DE SYNTHESE A VALEUR COMPLEXE ET DECALAGE DE PHASE**
[72] EKSTRAND, PER, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (2961458)
[87] (2961458)
[22] 2010-02-17
[62] 2,901,791
[30] SE (0900217-1) 2009-02-18
[30] US (61/257105) 2009-11-02

Canadian Applications Open to Public Inspection

July 2, 2017 to July 8, 2017

Demandes canadiennes mises à la disponibilité du public

2 juillet 2017 au 8 juillet 2017

---

[21] **2,915,550**
[13] A1
[51] **Int.Cl. B65D 41/62 (2006.01)**
[25] EN
[54] **ALUMINIUM RIGID OVERCAP**
[54] **SURBOUCHON RIGIDE EN ALUMINIUM**
[72] MERCIER, MARCO, CA
[72] UNKNOWN, ZZ
[71] MERCIER, MARCO, CA
[22] 2016-01-08
[41] 2017-07-08

---

[21] **2,916,617**
[13] A1
[51] **Int.Cl. G01V 3/17 (2006.01) G01K 11/00 (2006.01)**
[25] EN
[54] **PORTABLE RADIOMETER/RADAR SYSTEM FOR REMOTE SENSING OF SOIL MOISTURE**
[54] **SYSTEME RADIOMETRE/RADAR PORTATIF POUR TELEDETECTION DE L'HUMIDITE DU SOL**
[72] UNKNOWN, ZZ
[71] WOLLEBEN, MAIK, CA
[22] 2016-01-04
[41] 2017-07-04

---

[21] **2,916,626**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01)**
[25] EN
[54] **SOCCER POSITIONING COACHING AID**
[54] **AIDE A L'ENTRAINEMENT POUR LE POSITIONNEMENT AU SOCCER**
[72] UNKNOWN, ZZ
[71] BROOKS, DEREK A., CA
[22] 2016-01-04
[41] 2017-07-04

---

[21] **2,916,661**
[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01) B64C 39/02 (2006.01) G08B 13/196 (2006.01) G08B 13/22 (2006.01) G08B 21/22 (2006.01)**
[25] EN
[54] **PROPERTY MONITORING AND PEST CONTROL**
[54] **SURVEILLANCE DE PROPRIETE ET LUTTE ANTIPARASITAIRE**
[72] SYKORA, MARTIN G., CA
[71] SYKORA, MARTIN G., CA
[22] 2016-01-04
[41] 2017-07-04

---

[21] **2,916,664**
[13] A1
[51] **Int.Cl. F03G 7/00 (2006.01) E01F 11/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **ROAD BUMP ELECTRICITY GENERATING SYSTEM**
[54] **SYSTEME DE PRODUCTION D'ELECTRICITE AU MOYEN DE RALENTISSEURS ROUTIERS**
[72] BURMAN, DAVID DHB, CA
[71] BURMAN, DAVID DHB, CA
[22] 2016-01-04
[41] 2017-07-04

---

[21] **2,916,693**
[13] A1
[51] **Int.Cl. B44D 3/00 (2006.01)**
[25] EN
[54] **THE PAINT BLADE**
[54] **LAME DE PEINTURE**
[72] MIKKONEN, MATHEW J., CA
[72] LETKEMAN, ROBERT D., CA
[72] FARR, ALYSSA J., CA
[72] LETKEMAN, JIM, CA
[72] LETKEMAN, EDWARD, CA
[72] CLAGGETT, DEBRA, CA
[72] THEISSEN, KEVIN, CA
[71] DOKSA SELECT INC., CA
[22] 2016-01-05
[41] 2017-07-05

---

[21] **2,916,697**
[13] A1
[51] **Int.Cl. H04N 5/222 (2006.01) H04W 4/00 (2009.01) H04N 21/81 (2011.01) H04N 21/854 (2011.01) H04N 5/28 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR INTEGRATING PERSONAL ELECTRONIC DEVICES**
[54] **APPAREIL DE COMMANDE POUR INTEGRER DES DISPOSITIFS ELECTRONIQUES PERSONNELS**
[72] SUNSTRUM, MARTIN T., CA
[71] SUNSTRUM, MARTIN T., CA
[22] 2016-01-05
[41] 2017-07-05

---

[21] **2,916,700**
[13] A1
[51] **Int.Cl. G01V 15/00 (2006.01) G08B 13/24 (2006.01)**
[25] EN
[54] **THERMAL SCALE RADIO FREQUENCY INDENTIFICATION (RFID) LABEL**
[54] **ETIQUETTE D'IDENTIFICATION RADIOFREQUENCE A ECHELLE THERMIQUE**
[72] WHEELER, NOLAN, CA
[71] WHEELER, NOLAN, CA
[22] 2016-01-05
[41] 2017-07-05

[21] **2,916,705**
[13] A1
[51] **Int.Cl. F16L 57/04 (2006.01) B32B 1/08 (2006.01) B32B 37/00 (2006.01) F16L 11/02 (2006.01) F16L 11/12 (2006.01) F16L 11/20 (2006.01) F16L 59/14 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE ATTACK FIRE HOSE AND METHOD OF MAKING SAME**
[54] **TUYAU D'INCENDIE D'ATTAQUE A HAUTE TEMPERATURE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] HARCOURT, ROBERT M., CA
[71] HARCOURT, ROBERT M., CA
[22] 2016-01-05
[41] 2017-07-05

---

[21] **2,916,727**
[13] A1
[51] **Int.Cl. C08F 290/06 (2006.01) C08J 3/075 (2006.01)**
[25] EN
[54] **HYDROGEL**
[54] **HYDROGEL**
[72] ZENG, HONGBO, CA
[72] LI, LIN, CA
[72] YAN, BIN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2016-01-06
[41] 2017-07-06

---

[21] **2,916,729**
[13] A1
[51] **Int.Cl. E04H 12/00 (2006.01) E04G 21/32 (2006.01) H04W 16/26 (2009.01)**
[25] EN
[54] **MANUAL MECHANICAL FALL ARREST FOR TELESCOPING TOWERS**
[54] **DISPOSITIF ANTICHUTE MECANIQUE MANUEL POUR TOURS TELESCOPIQUES**
[72] UNKNOWN, ZZ
[71] CANADA TOWERS INC., CA
[22] 2016-01-06
[41] 2017-07-06

---

[21] **2,916,739**
[13] A1
[51] **Int.Cl. B01F 5/00 (2006.01) B01F 3/08 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **MIXING HEAD**
[54] **TETE MELANGEUSE**
[72] GREENE, KIM, CA
[71] 1887168 ALBERTA LTD., CA
[22] 2016-01-06
[41] 2017-07-06

---

[21] **2,916,811**
[13] A1
[51] **Int.Cl. F24J 3/08 (2006.01)**
[25] EN
[54] **A LINEAR GEOTHERMAL HEAT EXCHANGE DEVICE**
[54] **DISPOSITIF D'ECHANGEUR GEOTHERMIQUE LINEAIRE**
[72] GRAHAM, PETER S. W., CA
[71] GRAHAM, PETER S. W., CA
[22] 2016-01-07
[41] 2017-07-07

---

[21] **2,916,819**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) B25B 13/50 (2006.01)**
[25] EN
[54] **TOOL FOR HAMMER UNION**
[54] **OUTIL DE RACCORD AU MARTEAU**
[72] SCHULTZ, TIMOTHY, CA
[71] SCHULTZ, TIMOTHY, CA
[22] 2016-01-07
[41] 2017-07-07

---

[21] **2,916,835**
[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01) A45F 5/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **CARRYING DEVICE**
[54] **DISPOSITIF DE TRANSPORT**
[72] WHISTLER, JEAN, CA
[71] WHISTLER, JEAN, CA
[22] 2016-01-07
[41] 2017-07-07

---

[21] **2,916,868**
[13] A1
[51] **Int.Cl. C02F 1/48 (2006.01) B01J 13/00 (2006.01)**
[25] EN
[54] **WATER TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE L'EAU**
[72] HEBERT, CLAUDE L., CA
[71] HEBERT, CLAUDE L., CA
[22] 2016-01-07
[41] 2017-07-07

---

[21] **2,916,913**
[13] A1
[51] **Int.Cl. A61H 23/02 (2006.01)**
[25] EN
[54] **MASSAGE APPARATUS**
[54] **APPAREIL DE MASSAGE**
[72] YANG, TSUNG-HSUN, TW
[71] YANG, TSUNG-HSUN, TW
[22] 2016-01-07
[41] 2017-07-07

---

[21] **2,916,964**
[13] A1
[51] **Int.Cl. E06B 7/16 (2006.01)**
[25] FR
[54] **SEAL WITH MAGNETIC MOUNTING**
[54] **SCEAU D'ETANCHEITE A FIXATION MAGNETIQUE**
[72] GRAVEL, PATRICK (CANADA), CA
[71] 9519785 CANADA INC., CA
[22] 2016-01-08
[41] 2017-07-08

---

[21] **2,916,970**
[13] A1
[51] **Int.Cl. A61K 38/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A SMAC MIMETIC COMPOUND FOR USE IN THE TREATMENT OF PROLIFERATIVE DISEASES**
[54] **UN COMPOSE MIMETIQUE SMAC DESTINE AU TRAITEMENT DES MALADIES PROLIFERATIVES**
[72] MORRIS, STEPHEN J., CA
[71] PHARMASCIENCE INC., CA
[22] 2016-01-08
[41] 2017-07-08

[21] **2,917,495**
[13] A1
[51] **Int.Cl. B63B 9/00 (2006.01) G01M 99/00 (2011.01) G01N 27/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETECTION OF A CONDITION IN THE HULL OF A MARINE ASSET**
[54] **SYSTEME DE DETECTION D'UN ETANT DANS LA COQUE D'UN OBJET MARITIME**
[72] MCDOWELL, MICHAEL, CA
[71] MCDOWELL, MICHAEL, CA
[22] 2016-01-13
[41] 2017-07-07
[30] US (14989917) 2016-01-07

---

[21] **2,919,770**
[13] A1
[51] **Int.Cl. A42B 1/18 (2006.01)**
[25] EN
[54] **STORM SHIELD (WINTER AND SAND HAT)**
[54] **PROTECTION ANTI-TEMPETE (CHAPEAU - HIVER ET SABLE)**
[72] MICHAUD, JOCELYN, CA
[71] MICHAUD, JOCELYN, CA
[22] 2016-02-03
[41] 2017-07-08
[30] US (14/991,164) 2016-01-08

---

[21] **2,919,898**
[13] A1
[51] **Int.Cl. E04F 13/26 (2006.01) E04F 13/08 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **HOME PLATE CONNECTING DEVICE**
[54] **DISPOSITIF DE FIXATION A PLATINE DOMESTIQUE**
[72] YIN, JIHONG, CN
[72] ZHAO, YONGKANG, CN
[72] HU, XIAOCHEN, CN
[72] ZHAO, YUNQI, CN
[71] YIN, JIHONG, CN
[22] 2016-02-04
[41] 2017-07-06
[30] CN (201620008175.1) 2016-01-06

---

[21] **2,925,213**
[13] A1
[51] **Int.Cl. B65D 33/16 (2006.01) B65D 71/40 (2006.01)**
[25] EN
[54] **TOOL FOR SEALING A RESEALABLE ZIPPER LOCK BAG**
[54] **OUTIL DE FERMETURE D'UN SAC A FERMETURE A GLISSIERE REFERMABLE**
[72] KEEHNER, DAVID J., CA
[71] KEEHNER, DAVID J., CA
[22] 2016-03-29
[41] 2017-07-08
[30] US (62/276,405) 2016-01-08

---

[21] **2,932,594**
[13] A1
[51] **Int.Cl. A47L 9/00 (2006.01)**
[25] EN
[54] **HANDHELD VACUUM CLEANER**
[54] **ASPIRATEUR PORTATIF**
[72] HU, WEI, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[22] 2016-06-09
[41] 2017-07-04
[30] CN (201610003757.5) 2016-01-04
[30] CN (201620006101.4) 2016-01-04

---

[21] **2,939,499**
[13] A1
[51] **Int.Cl. G09F 9/33 (2006.01)**
[25] EN
[54] **REFLECTING FACE MASK AND LED DISPLAY DEVICE HAVING THE SAME**
[54] **MASQUE FACIAL REFLECHISSANT ET DISPOSITIF D'AFFICHAGE A DEL COMPORTANTCELUI-CI**
[72] CHANG, MING, CN
[71] LEYARD OPTOELECTRONIC CO., LTD., CN
[22] 2016-08-18
[41] 2017-07-06
[30] CN (201610009097.1) 2016-01-06

---

[21] **2,940,747**
[13] A1
[51] **Int.Cl. G01W 1/00 (2006.01) G01S 13/95 (2006.01) G01W 1/10 (2006.01)**
[25] EN
[54] **ESTIMATION APPARATUS, ESTIMATION METHOD, AND COMPUTER-READABLE STORAGE MEDIUM**
[54] **APPAREIL D'ESTIMATION, METHODE D'ESTIMATION ET SUPPORT DE STOCKAGE LISIBLE A L'ORDINATEUR**
[72] KOBAYASHI, TETSUYA, JP
[72] NAMIKI, AYA, JP
[72] MIZUTANI, FUMIHIKO, JP
[72] WATANABE, TAKAHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2016-08-31
[41] 2017-07-08
[30] JP (2016-002708) 2016-01-08

---

[21] **2,940,939**
[13] A1
[51] **Int.Cl. B60C 23/04 (2006.01) B60W 40/10 (2012.01)**
[25] EN
[54] **A DYNAMIC SENSOR SYSTEM FOR A BIKE**
[54] **UN SYSTEME DE CAPTEUR DYNAMIQUE DESTINE A UN VELO**
[72] SHIANG, TZYY-YUANG, TW
[72] LEE, YIN-SHIN, TW
[72] HSIEH, CHEN-FANG, TW
[71] WU, CHIEN-CHEN, TW
[71] WU, CURTIES, TW
[22] 2016-09-02
[41] 2017-07-08
[30] TW (105100498) 2016-01-08

---

[21] **2,944,290**
[13] A1
[51] **Int.Cl. A01K 5/01 (2006.01)**
[25] EN
[54] **AN IMPROVED THREE-LAYER BOWL AND A PROCESS OF MANUFACTURING THEREOF**
[54] **BOL A TROIS COUCHES AMELIORE ET SON PROCEDE DE FABRICATION**
[72] PADIA, ASHISH, IN
[71] PADIA, ASHISH, IN
[22] 2016-10-05
[41] 2017-07-05
[30] IN (201611010448) 2016-03-28

[21] **2,946,059**
[13] A1
[51] **Int.Cl. G01C 25/00 (2006.01) B64D 43/00 (2006.01) G01C 9/00 (2006.01)**
[25] EN
[54] **ANGLE OF ATTACK VANE WITH DIFFERENTIAL PRESSURE VALIDATION**
[54] **GIROUETTE D'ANGLE D'ATTAQUE A VALIDATION DE PRESSION DIFFERENTIELLE**
[72] BENNING, KEVIN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-10-19
[41] 2017-07-08
[30] US (14/991,583) 2016-01-08

[21] **2,946,307**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DATA DEFINED INFRASTRUCTURE**
[54] **INFRASTRUCTURE DEFINIE PAR DES DONNEES**
[72] GOLTZMAN, AARON B., US
[72] HELLSTROM, STEFAN C., US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2016-10-25
[41] 2017-07-06
[30] US (62/302,007) 2016-03-01
[30] US (15/201,770) 2016-07-05

[21] **2,946,498**
[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01) B64C 9/00 (2006.01)**
[25] EN
[54] **CONTROLLING AIRLOADS ON AIRCRAFT FOLDING WING TIPS**
[54] **REGULATION DES CHARGES AERODYNAMIQUES AUX EXTREMITES D'AILES PLIANTES D'AERONEFS**
[72] GOOD, MARK STEVEN, US
[72] PAUL, JONATHAN J., US
[71] THE BOEING COMPANY, US
[22] 2016-10-26
[41] 2017-07-05
[30] US (14/988202) 2016-01-05

[21] **2,947,172**
[13] A1
[51] **Int.Cl. B64D 15/12 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR ANTI-ICING OF SPEED MEASUREMENT PROBES**
[54] **APPAREILS ET PROCEDES POUR ANTIGIVRAGE DES SONDES DE MESURE DE VITESSE**
[72] DICHEK, DANIEL JONATHAN GUNNAR, US
[72] KHOZIKOV, VYACHESLAV, US
[72] MORROW, JONATHAN, US
[71] THE BOEING COMPANY, US
[22] 2016-11-01
[41] 2017-07-04
[30] US (14/987318) 2016-01-04

[21] **2,947,191**
[13] A1
[51] **Int.Cl. B64D 35/00 (2006.01) B64D 27/24 (2006.01) B64D 33/00 (2006.01) F02C 6/20 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE AND ASSOCIATED METHOD FOR DRIVING THE FAN WITH THE LOW PRESSURE SHAFT DURING TAXI OPERATIONS**
[54] **MOTEUR D'AERONEF ET PROCEDE ASSOCIE POUR ENTRAINER LE VENTILATEUR AVEC L'ARBRE BASSE PRESSION DURANT LA CIRCULATION AU SOL**
[72] MACKIN, STEVE G., US
[71] THE BOEING COMPANY, US
[22] 2016-11-01
[41] 2017-07-05
[30] US (14/988267) 2016-01-05

[21] **2,947,227**
[13] A1
[51] **Int.Cl. A01B 33/16 (2006.01) A01B 35/32 (2006.01) A01B 47/00 (2006.01) A01B 49/00 (2006.01) G01B 11/28 (2006.01)**
[25] EN
[54] **RESIDUE MONITORING AND RESIDUE-BASED CONTROL**
[54] **SURVEILLANCE DE RESIDUS ET CONTROLE FONDE SUR LES RESIDUS**
[72] CASPER, ROBERT T., US
[72] THEILEN, RICKY B., US
[72] SCHWEITZER, JOHN M., US
[71] DEERE & COMPANY, US
[22] 2016-11-02
[41] 2017-07-05
[30] US (14/988,213) 2016-01-05

[21] **2,947,350**
[13] A1
[51] **Int.Cl. F28F 3/00 (2006.01) B23P 15/00 (2006.01) B23P 15/26 (2006.01) B64D 33/00 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01) F28D 1/00 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR EMBEDDED ENGINE APPLICATIONS: CURVILINEAR PLATE**
[54] **ECHANGEUR DE CHALEUR DESTINE A DES APPLICATIONS POUR MOTEUR EMBARQUE : PLAQUE CURVILIGNE**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-07-08
[30] US (14/990,864) 2016-01-08

[21] **2,947,351**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **METHODS OF COOLING A FLUID USING AN ANNULAR HEAT EXCHANGER**
[54] **METHODES DE REFROIDISSEMENT D'UN FLUIDE AU MOYEN D'UN ECHANGEUR THERMIQUE ANNULAIRE**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-07-08
[30] US (14/990,898) 2016-01-08

[21] **2,947,361**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) H04N 21/40 (2011.01) A63G 31/00 (2006.01)**
[25] EN
[54] **ROTARY DYNAMIC SIMULATION DEVICE AND AUDIOVISUAL APPARATUS USING THE SAME**
[54] **DISPOSITIF DE SIMULATION DYNAMIQUE ROTATIF ET APPAREIL AUDIOVISUEL UTILISANT CELUI-CI**
[72] LAI, DEN-HORNG, TW
[72] CHIEN, KE-CHENG, TW
[72] HUANG, CHENG-LIN, TW
[71] BROGENT TECHNOLOGIES INC., TW
[22] 2016-11-03
[41] 2017-07-06
[30] TW (105200137) 2016-01-06

[21] **2,947,368**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 11/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR AN INLET GUIDE VANE SHROUD AND BAFFLE ASSEMBLY**
[54] **SYSTEME POUR ENSEMBLE CHICANE ET ENVELOPPE D'AUBES DE GUIDAGE D'ADMISSION**
[72] LOBOCKI, MARCIN JACEK, PL
[72] WARDECKI, WIKTOR KAROL, PL
[72] STASZEWSKI, MACIEJ, PL
[72] KULESA, JOSEPH CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-07-04
[30] PL (415534) 2016-01-04

[21] **2,947,457**
[13] A1
[51] **Int.Cl. F01D 9/04 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR EMBEDDED ENGINE APPLICATIONS: TRANSDUCT SEGMENTS**
[54] **ECHANGEUR DE CHALEUR DESTINE A DES APPLICATIONS POUR MOTEUR EMBARQUE : SEGMENTS TRANSCONDUITS**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-07-08
[30] US (14/990,871) 2016-01-08

[21] **2,947,473**
[13] A1
[51] **Int.Cl. F28D 1/047 (2006.01) B64D 13/06 (2006.01) B64D 33/08 (2006.01) F02C 7/14 (2006.01) F02C 9/18 (2006.01) F28F 1/00 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR EMBEDDED ENGINE APPLICATIONS**
[54] **ECHANGEUR DE CHALEUR DESTINE A DES APPLICATIONS POUR MOTEUR EMBARQUE**
[72] CERNY, MATTHEW ROBERT, US
[72] MENARD, JEFFREY RAYMOND, US
[72] KUPISZEWSKI, THOMAS, US
[72] PEGRAM, JOHNATHEN DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-07-08
[30] US (14/990,884) 2016-01-08

[21] **2,947,929**
[13] A1
[51] **Int.Cl. B65D 6/08 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **MODULAR STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT MODULAIRE**
[72] NIELSON, KEVIN W., CA
[71] NIELSON, KEVIN W., CA
[22] 2016-11-09
[41] 2017-07-05
[30] US (15/062,873) 2016-03-07
[30] US (14/988,035) 2016-01-05

[21] **2,948,482**
[13] A1
[51] **Int.Cl. F16H 23/10 (2006.01) F16H 55/08 (2006.01)**
[25] EN
[54] **ELLIPTICALLY INTERFACING GEARBOX**
[54] **BOITE D'ENGRENAGES A INTERFACE ELLIPTIQUE**
[72] ATMUR, ROBERT J., US
[72] SARGENT, WILLIAM PATRICK, US
[71] THE BOEING COMPANY, US
[22] 2016-11-15
[41] 2017-07-06
[30] US (14/989760) 2016-01-06

[21] **2,949,379**
[13] A1
[51] **Int.Cl. F16P 1/00 (2006.01) F16P 1/02 (2006.01) H01S 3/02 (2006.01)**
[25] EN
[54] **LASER ENCLOSURE**
[54] **ENCEINTE LASER**
[72] BROWN, ROBERT, US
[72] GIESE, WILLIAM R., US
[72] MILLER, ERIK, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-11-22
[41] 2017-07-04
[30] US (14/986,832) 2016-01-04

[21] **2,949,391**
[13] A1
[51] **Int.Cl. B23K 26/57 (2014.01) B32B 38/10 (2006.01) C23F 4/00 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING A COATING MADE OF AN ORGANIC MATERIAL ADHERING TO THE SURFACE OF TIN-PLATED SHEET STEEL**
[54] **METHODE D'ENLEVEMENT D'UN REVETEMENT FAIT D'UN MATERIAU ORGANIQUE ADHERANT A LA SURFACE D'UNE FEUILLE D'ACIER ETAMEE**
[72] LIEBSCHER, BENJAMIN, DE
[72] TSCHAGE, ANDREAS, DE
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
[22] 2016-11-23
[41] 2017-07-05
[30] DE (10 2016 100 157.0) 2016-01-05

[21] **2,950,261**
[13] A1
[51] **Int.Cl. F16C 3/08 (2006.01) B23K 26/352 (2014.01) B23P 15/00 (2006.01)**
[25] EN
[54] **LASER HARDENED CRANKSHAFT**
[54] **VILEBREQUIN DURCI AU LASER**
[72] KOPMANIS, MICHAEL A., US
[71] FORD MOTOR COMPANY, US
[22] 2016-11-30
[41] 2017-07-08
[30] US (14/991175) 2016-01-08

[21] **2,951,216**
[13] A1
[51] **Int.Cl. F41B 5/22 (2006.01) F41B 5/10 (2006.01)**
[25] EN
[54] **ARROW REST ASSEMBLY WITH BIDIRECTIONAL BIAS TORQUE**
[54] **ENSEMBLE APPUIE-FLECHE AVEC COUPLE DE CHARGE BIDIRECTIONNEL**
[72] EACKER, CHRISTOPHER J., US
[71] BOWTECH, INC., US
[22] 2016-12-07
[41] 2017-07-05
[30] US (14/988,743) 2016-01-05

[21] **2,951,821**
[13] A1
[51] **Int.Cl. F16L 55/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PREVENTING FLOW BLOCKING WHEN USING AN AUTOMATED PIG LAUNCHER**
[54] **SYSTEME ET PROCEDE DE PREVENTION DE BLOCAGE D'ECOULEMENT LORS DE L'UTILISATION D'UN LANCEUR A RACLEURS AUTOMATISE**
[72] HAILEY, JEFFREY C., US
[72] SHOUSE, LEE R., JR., US
[72] KEENAN, WILLIAM C., US
[72] GEREN, TROY D., US
[72] KANDALAFT, TAREK, US
[71] TDW DELAWARE, INC., US
[22] 2016-12-15
[41] 2017-07-06
[30] US (14/989,442) 2016-01-06

[21] **2,951,935**
[13] A1
[51] **Int.Cl. H01H 3/02 (2006.01) H01H 71/10 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS, AND MOVABLE ARM ASSEMBLY AND MOVABLE ARM THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE A BRAS MOBILE ET BRAS MOBILE CORRESPONDANT**
[72] COX, JEFFREY MICHEAL, US
[72] LOCKHART, JEFFREY WAYNE, US
[71] EATON CORPORATION, US
[22] 2016-12-16
[41] 2017-07-05
[30] US (14/987,814) 2016-01-05

[21] **2,951,937**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 3/00 (2006.01) G01R 31/36 (2006.01) H01R 24/00 (2011.01)**
[25] EN
[54] **CHARGING STATION AND CONNECTOR THEREFOR, AND METHOD OF CHARGING AN ELECTRIC VEHICLE WITH A CHARGING STATION**
[54] **POSTE DE RECHARGE ET CONNECTEUR ASSOCIE, ET METHODE DE RECHARGE D'UN VEHICULE ELECTRIQUE A PARTIR DUDIT POSTE DE RECHARGE**
[72] RIVAS, MICHEL, US
[72] SEFF, PAUL DAVID, US
[72] ELDRIDGE, DAVID AUSTIN, US
[71] EATON CORPORATION, US
[22] 2016-12-16
[41] 2017-07-07
[30] US (14/989,980) 2016-01-07

[21] **2,951,938**
[13] A1
[51] **Int.Cl. H01R 13/66 (2006.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01)**
[25] EN
[54] **MOUNTABLE WALL RECEPTACLES INCLUDING CURRENT SENSING AND ADDRESSABLE IDENTIFICATION AND MONITORING FUNCTIONALITIES VIA POWER-LINE COMMUNICATION**
[54] **PRISES MURALES MONTABLES COMPRENANT DES FONCTIONNALITES DE DETECTION DE COURANT ET D'IDENTIFICATION ET DE SURVEILLANCE ADRESSABLES PAR L'INTERMEDIAIRE D'UNE COMMUNICATION DE SECTEUR ELECTRIQUE**
[72] RICCIUTI, ANTHONY THOMAS, US
[71] EATON CORPORATION, US
[22] 2016-12-16
[41] 2017-07-05
[30] US (14/988,392) 2016-01-05

[21] **2,952,364**
[13] A1
[51] **Int.Cl. G08B 29/18 (2006.01) G05B 19/042 (2006.01) G10L 15/00 (2013.01) G08C 17/02 (2006.01)**
[25] EN
[54] **DEVICE ENROLLMENT IN A BUILDING AUTOMATION SYSTEM AIDED BY AUDIO INPUT**
[54] **INSCRIPTION DE DISPOSITIFS DANS UN SYSTEME D'AUTOMATISATION DE CONSTRUCTION FACILITEE PAR UNE ENTREE AUDIO**
[72] RAMAKRISHNAPPA, HARISH M., US
[72] ASWATH, RAVIKUMAR VEMAGAL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-12-19
[41] 2017-07-04
[30] US (14/987,477) 2016-01-04

[21] **2,952,440**
[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01) H04B 17/318 (2015.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) G08B 13/24 (2006.01) G08C 17/02 (2006.01) F21V 29/70 (2015.01)**
[25] EN
[54] **BARRIER PROTECTION AND LIGHTING SYSTEM**
[54] **SYSTEME DE PROTECTION ET D'ECLAIRAGE A BARRIERE**
[72] WEESE, JEREMY, CA
[71] SENSTAR CORPORATION, CA
[22] 2016-12-21
[41] 2017-07-04
[30] US (62/274,606) 2016-01-04

[21] **2,952,463**
[13] A1
[51] **Int.Cl. A61B 18/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **CATHETER WITH FLOW DIVERTER AND FORCE SENSOR**
[54] **CATHETER AVEC DEFLECTEUR DE DEBIT ET CAPTEUR DE FORCE**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] GOVARI, ASSAF, US
[72] HETTEL, ROWAN OLUND, US
[72] DITTER, TOM ALLEN, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-21
[41] 2017-07-05
[30] US (14/988,226) 2016-01-05

[21] **2,952,482**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING FEATURED PRODUCT INVENTORY**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER LES STOCKS DE PRODUITS PRESENTES**
[72] JONES, MATTHEW A., US
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[71] WAL-MART STORES, INC., US
[22] 2016-12-21
[41] 2017-07-06
[30] US (62/275,567) 2016-01-06

[21] **2,952,499**
[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 52/02 (2009.01) G01D 21/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-SIM SELECTION**
[54] **PROCEDE ET APPAREIL POUR SELECTION MULTI-SIM**
[72] KORNELUK, JOSE EDUARDO, US
[72] SAXENA, SIDDHARTH, US
[72] CHENNAKESHU, SANDEEP, US
[72] BERRIZ, SERGIO, US
[71] BLACKBERRY LIMITED, CA
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/987,897) 2016-01-05

[21] **2,952,556**
[13] A1
[51] **Int.Cl. H04W 28/08 (2009.01) H04W 24/02 (2009.01)**
[25] EN
[54] **CHANNEL MANAGEMENT IN WIRELESS NETWORKS**
[54] **GESTION DE VOIES DANS DES RESEAUX SANS FIL**
[72] RITTENHOUSE, GARRET E., US
[72] WIEMAN, JONATHAN, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-12-21
[41] 2017-07-04
[30] US (14/987,536) 2016-01-04

[21] **2,952,655**
[13] A1
[51] **Int.Cl. F23R 3/02 (2006.01)**
[25] EN
[54] **COOLED COMBUSTOR FOR A GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION REFROIDIE POUR UNE TURBINE A GAZ**
[72] BENNETT, WILLIAM THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/988,068) 2016-01-05

[21] **2,952,722**
[13] A1
[51] **Int.Cl. B25B 9/02 (2006.01) A44B 19/24 (2006.01) B65B 7/00 (2006.01)**
[25] EN
[54] **TOOL FOR SEALING A RESEALABLE ZIPPER LOCK BAG**
[54] **OUTIL DE FERMETURE D'UN SAC A FERMETURE A GLISSIERE REFERMABLE**
[72] KEEHNER, DAVID, CA
[71] KEEHNER, DAVID, CA
[22] 2016-12-22
[41] 2017-07-08
[30] US (62/276,405) 2016-01-08

[21] **2,952,737**
[13] A1
[51] **Int.Cl. B08B 3/08 (2006.01) C11D 17/04 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) C09G 1/02 (2006.01) C09K 3/14 (2006.01) C23G 5/06 (2006.01)**
[25] EN
[54] **ABRASIVE GEL DETERGENT FOR CLEANING GAS TURBINE ENGINE COMPONENTS**
[54] **DETERGENT EN GEL AVEC ABRASIF POUR LE NETTOYAGE DE COMPOSANTS DE TURBINE A GAZ**
[72] ERIKSEN, MICHAEL EDWARD, US
[72] CALDWELL, DAVID E., US
[72] TIBBETTS, NICOLE JESSICA, US
[72] KULKARNI, AMBARISH JAYANT, US
[72] PRITCHARD, BYRON ANDREW, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/987,883) 2016-01-05

[21] **2,952,788**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61B 90/00 (2016.01) A61B 18/04 (2006.01)**
[25] EN
[54] **STATUS OF AN IRRIGATION PUMP**
[54] **ETAT D'UNE POMPE D'IRRIGATION**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/988,176) 2016-01-05

[21] **2,952,941**
[13] A1
[51] **Int.Cl. H03K 3/84 (2006.01) G11C 17/18 (2006.01)**
[25] EN
[54] **PUF VALUE GENERATION USING AN ANTI-FUSE MEMORY ARRAY**
[54] **GENERATION DE VALEUR DE FONCTION PHYSIQUE NON CLONABLE AU MOYEN D'UN RESEAU DE MEMOIRES ANTIFUSIBLES**
[72] GRIGORIEV, GRIGORI, CA
[72] GAVRILOV, ROMAN, CA
[72] IVANOV, OLEG, CA
[71] SIDENSE CORP., CA
[22] 2016-12-30
[41] 2017-07-08
[30] US (62/276,458) 2016-01-08

[21] **2,953,050**
[13] A1
[51] **Int.Cl. A47G 29/00 (2006.01) A47B 77/12 (2006.01) A47J 47/16 (2006.01) F16M 11/20 (2006.01)**
[25] EN
[54] **ROLLABLE DRAWER SYSTEM**
[54] **SYSTEME A TIROIRS POUVANT ROULER**
[72] LIPPER MCCAULEY, AMY, US
[71] LIPPER INTERNATIONAL, INC., US
[22] 2016-12-28
[41] 2017-07-06
[30] US (14/989,399) 2016-01-06

[21] **2,953,453**
[13] A1
[51] **Int.Cl. A61M 36/04 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **BRACHYTHERAPY CLIP AND APPLICATOR**
[54] **PINCE DE BRACHYTERAPIE ET APPLICATEUR**
[72] RACENET, DAVID, US
[72] HODGKINSON, GERALD, US
[72] KACHRU, ABHINAV, US
[71] COVIDIEN LP, US
[22] 2017-01-04
[41] 2017-07-06
[30] US (14/989,406) 2016-01-06

[21] **2,953,481**
[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **MOTORIZED CHEST DRAINAGE SYSTEM**
[54] **DISPOSITIF DE DRAINAGE DE POITRINE MOTORISE**
[72] MUKHERJEE, NILAY, US
[72] SHAH, SACHIM, US
[72] RACENET, DAVID, US
[71] COVIDIEN LP, US
[22] 2017-01-04
[41] 2017-07-07
[30] US (62/275,829) 2016-01-07
[30] US (15/378,532) 2016-12-14

[21] **2,953,486**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL FASTENER APPARATUS**
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL**
[72] SHAH, SACHIN, US
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2017-01-04
[41] 2017-07-07
[30] US (62/275,993) 2016-01-07
[30] US (15/377,086) 2016-12-13

[21] **2,953,547**
[13] A1
[51] **Int.Cl. G01S 19/34 (2010.01) G01S 19/12 (2010.01) G01D 21/02 (2006.01)**
[25] EN
[54] **MOBILE TRANSCEIVER WITH ADAPTIVE MONITORING AND REPORTING**
[54] **EMETTEUR-RECEPTEUR MOBILE AVEC SURVEILLANCE ET COMMUNICATION ADAPTATIVES**
[72] KORNELUK, JOSE EDUARDO, US
[72] SAXENA, SIDDHARTH, US
[72] CHENNAKESHU, SANDEEP, US
[72] BERRIZ, SERGIO JAVIER, US
[71] BLACKBERRY LIMITED, CA
[22] 2016-12-22
[41] 2017-07-05
[30] US (14/987,928) 2016-01-05

[21] **2,953,549**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/30 (2016.01) A61B 17/32 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **OPTICAL REGISTRATION OF ROTARY SINUPLASTY CUTTER**
[54] **ALIGNEMENT OPTIQUE D'UN COUTEAU DE SINUPLASTIE ROTATIF**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-01-04
[41] 2017-07-06
[30] US (14/989,354) 2016-01-06

---

[21] **2,953,553**
[13] A1
[51] **Int.Cl. E04F 21/06 (2006.01) B62B 1/16 (2006.01) E04D 15/00 (2006.01)**
[25] EN
[54] **MOBILE CART FOR SPRAY DISPENSING**
[54] **CHARIOT MOBILE SERVANT A DISTRIBUER UNE PULVERISATION**
[72] MOORE, RICHARD I., US
[72] EVERHARDT, AUGUSTUS, US
[71] BLACK CAT, INC., US
[22] 2017-01-04
[41] 2017-07-07
[30] US (14/990,227) 2016-01-07

---

[21] **2,953,588**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE WITH COLOR TEMPERATURE GRADATION AND METHOD OF USING THE SAME**
[54] **DISPOSITIF D'ECLAIRAGE AVEC GRADATION DE TEMPERATURE DE COULEUR ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] MORNEAU, DAVE, CA
[71] ARTIKA FOR LIVING INC., CA
[22] 2017-01-05
[41] 2017-07-05
[30] US (62/275,208) 2016-01-05

---

[21] **2,953,589**
[13] A1
[51] **Int.Cl. G01V 15/00 (2006.01) H01Q 1/38 (2006.01) H01Q 7/00 (2006.01) G08B 13/24 (2006.01)**
[25] EN
[54] **THERMAL SCALE RADIO FREQUENCY LABEL**
[54] **ETIQUETTE RADIOFREQUENCE A ECHELLE THERMIQUE**
[72] WHEELER, NOLAN, CA
[72] GEISLER, VINCE, CA
[71] SYNQ ACCESS + SECURITY TECHNOLOGY LTD., CA
[22] 2017-01-05
[41] 2017-07-05
[30] CA (2916700) 2016-01-05

---

[21] **2,953,594**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE AIRFOIL TRAILING EDGE COOLING PASSAGE**
[54] **PASSAGE DE REFROIDISSEMENT DE BORD DE TRAINEE DE PROFIL AERODYNAMIQUE D'UNE TURBINE**
[72] ALLEN, JASON RANDOLPH, US
[72] FREDERICK, ROBERT ALAN, US
[72] BRIGGS, ROBERT DAVID, US
[72] TUERTSCHER, MICHAEL RAY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-05
[41] 2017-07-08
[30] US (14/990,920) 2016-01-08

---

[21] **2,953,599**
[13] A1
[51] **Int.Cl. F02C 9/22 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **VARIABLE STATOR VANE UNDERCUT BUTTON**
[54] **BOUTON DE CONTRE-DEPOUILLE D'AUBE DE STATOR VARIABLE**
[72] SAK, WOJCIECH, US
[72] TAYLOR, TIMOTHY WILLIAM, US
[72] CROSBY, WALTER GLEN, IV, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-05
[41] 2017-07-06
[30] US (14/989,088) 2016-01-06

---

[21] **2,953,601**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **STATOR RIM FOR A TURBINE ENGINE**
[54] **REBORD DE STATOR DESTINE A UNE TURBINE A GAZ**
[72] RATZLAFF, JONATHAN RUSSELL, US
[72] MONTGOMERY, JULIUS JOHN, US
[72] HOGAN, MICHAEL THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-05
[41] 2017-07-08
[30] US (14/990,885) 2016-01-08

---

[21] **2,953,603**
[13] A1
[51] **Int.Cl. E04B 9/12 (2006.01)**
[25] EN
[54] **CROSS RUNNER TO MAIN RUNNER ANCHOR CLIP**
[54] **PINCE D'ANCRAGE DU COULISSEAU PRINCIPAL AU COULISSEAU TRANSVERSAL**
[72] CARBAJAL, VICTOR M., US
[71] USG INTERIORS, LLC, US
[22] 2017-01-03
[41] 2017-07-06
[30] US (14/988,989) 2016-01-06

---

[21] **2,953,612**
[13] A1
[51] **Int.Cl. H04L 29/10 (2006.01) H04L 12/935 (2013.01) B64D 47/00 (2006.01) G06F 13/00 (2006.01) H04L 12/413 (2006.01)**
[25] EN
[54] **PROVIDING AN INTERFACE FOR AN AVIONICS DATA TRANSFER SYSTEM**
[54] **FOURNITURE D'UNE INTERFACE DESTINEE A UN MECANISME DE TRANSFERT DE DONNEES D'AVIONIQUE**
[72] VAN STENSEL, JONATHAN PAUL, US
[72] HOLMWOOD, COLIN, US
[72] MOLLING, HARRY, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-01-05
[41] 2017-07-08
[30] US (14/990,965) 2016-01-08

[21] **2,953,634**
[13] A1
[51] **Int.Cl. F41G 1/38 (2006.01)**
[25] EN
[54] **ADJUSTING APPARATUS FOR SETTING A RIFLE SCOPE, AND RIFLE SCOPE EQUIPPED WITH THE SAID ADJUSTING APPARATUS**
[54] **APPAREIL DE REGLAGE POUR REGLER UNE LUNETTE DE VISEE ET LUNETTE DE VISEE MUNIE DUDIT APPAREIL**
[72] LASSAK, RAPHAEL, DE
[72] SCHMIDT, WERNER, DE
[71] SCHMIDT & BENDER GMBH & CO. KG, DE
[22] 2017-01-05
[41] 2017-07-06
[30] DE (10 2016 100 219.4) 2016-01-06

---

[21] **2,953,678**
[13] A1
[51] **Int.Cl. H02M 7/44 (2006.01) H02M 1/00 (2007.10) H02M 1/08 (2006.01) H02M 7/537 (2006.01)**
[25] EN
[54] **POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE**
[72] JONES, FRANKLIN B., US
[72] NEHRING, ANDREW I., US
[72] JONES, DANIEL T., US
[72] HUMMEL, ROBERT A., US
[72] DONAHUE, ERIC D., US
[71] ATSE, LLC, US
[22] 2017-01-05
[41] 2017-07-05
[30] US (62/274,872) 2016-01-05

---

[21] **2,953,710**
[13] A1
[51] **Int.Cl. F23L 11/00 (2006.01) F23L 13/00 (2006.01)**
[25] EN
[54] **IMPROVED DAMPER SYSTEM FOR HEATER STACK**
[54] **MECANISME DE VOLET AMELIORE DESTINE A UNE CHEMINEE DE CHAUFFAGE**
[72] GARG, ASHUTOSH, US
[71] GARG, ASHUTOSH, US
[22] 2017-01-05
[41] 2017-07-07
[30] US (14/990/256) 2016-01-07

---

[21] **2,953,750**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **COMPUTER PROCESSING OF FINANCIAL PRODUCT INFORMATION AND INFORMATION ABOUT CONSUMERS OF FINANCIAL PRODUCTS**
[54] **TRAITEMENT INFORMATIQUE DE RENSEIGNEMENTS DE PRODUIT FINANCIER ET RENSEIGNEMENTS A PROPOS DE CONSOMMATEURS DE PRODUITS FINANCIERS**
[72] RANFT, JOSEPH THOMAS, US
[72] COLLINS, SEAN, US
[72] MORIARTY, KERRI ANN, US
[72] BAKER, CHARLES F., IV, US
[71] CONNECT FINANCIAL LLC, US
[22] 2017-01-05
[41] 2017-07-07
[30] US (14/989,935) 2016-01-07

---

[21] **2,953,758**
[13] A1
[51] **Int.Cl. B22F 7/08 (2006.01) B23K 1/19 (2006.01) B23P 6/04 (2006.01) C22C 19/05 (2006.01)**
[25] EN
[54] **SUPERALLOY COMPOSITE PREFORMS AND APPLICATIONS THEREOF**
[54] **PREFORMES DE COMPOSITE DE SUPERALLIAGE ET APPLICATIONS ASSOCIEES**
[72] PEREZ, MARTIN GERARDO, US
[72] DE WET, DANIEL J., US
[72] DAWSON, JOEL, US
[72] MONDS, ROBERT, US
[71] KENNAMETAL INC., US
[22] 2017-01-05
[41] 2017-07-08
[30] US (62/276,723) 2016-01-08

---

[21] **2,953,844**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01) B64D 13/00 (2006.01) B64D 47/00 (2006.01) F24F 11/00 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **ECONOMICAL ENVIRONMENTAL CONTROL SYSTEM (ECS) SMART VENTURI**
[54] **VENTURI INTELLIGENT POUR SYSTEME DE CONDITIONNEMENT D'AIR ECONOMIQUE**
[72] ARMY, DONALD E., US
[72] MALJANIAN, JOHN M., JR., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-01-05
[41] 2017-07-06
[30] US (14/989,257) 2016-01-06

---

[21] **2,953,851**
[13] A1
[51] **Int.Cl. H01R 43/042 (2006.01)**
[25] EN
[54] **CRIMP TOOL FOR MODULAR ELECTRICAL CONNECTORS AND METHODS OF ASSEMBLING SAME**
[54] **OUTIL DE SERTISSAGE DE CONNECTEURS ELECTRIQUES MODULAIRES ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] SUTTER, ROBERT W., US
[71] IDEAL INDUSTRIES, INC., US
[22] 2017-01-05
[41] 2017-07-08
[30] US (62/276,656) 2016-01-08
[30] US (62/416,976) 2016-11-03
[30] US (15/397,874) 2017-01-04

---

[21] **2,953,904**
[13] A1
[51] **Int.Cl. E04B 1/70 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **DRAINABLE WEATHER RESISTIVE BARRIER**
[54] **BARRIERE DRAINABLE RESISTANT AUX INTEMPERIES**
[72] HICKIE, BRIAN ANDREW, US
[72] FARELL, GREGORY WAGNER, US
[71] AVINTIV SPECIALTY MATERIALS INC., US
[22] 2017-01-06
[41] 2017-07-08
[30] US (62/276,395) 2016-01-08

[21] **2,953,906**
[13] A1
[51] **Int.Cl. B61D 5/00 (2006.01) B61D 27/00 (2006.01) B61D 49/00 (2006.01)**
[25] EN
[54] **ACTUATING INDUCTOR PLACEMENT ASSEMBLY**
[54] **ENSEMBLE ACTIONNEUR DE POSITIONNEMENT D'INDUCTEUR**
[72] HOFFMAN, MICHAEL, US
[71] HYDRA HEATING INDUSTRIES, LLC, US
[22] 2017-01-06
[41] 2017-07-06
[30] US (62/275,333) 2016-01-06

---

[21] **2,953,919**
[13] A1
[51] **Int.Cl. B60R 19/04 (2006.01) B60R 19/18 (2006.01)**
[25] EN
[54] **BUMPER ASSEMBLIES AND VEHICLES COMPRISING SAME**
[54] **ASSEMBLAGES DE PARE-CHOCS ET VEHICULES COMPORTANT LEDIT ASSEMBLAGE**
[72] FABIANO, FRANK ANTHONY, US
[72] ERNST, NATHAN GARRETT, US
[71] MORGAN OLSON CORPORATION, US
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275,947) 2016-01-07

---

[21] **2,953,973**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) A61B 3/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SHAPE AND SIGNAL ADJUSTABLE MOTION SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION DE MOUVEMENT REGLABLE EN FORME ET EN SIGNAL**
[72] YOO, HERBERT, US
[72] BINGOLD, JOSEPH, US
[71] SENAPTEC LLC, US
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275802) 2016-01-07

---

[21] **2,953,980**
[13] A1
[51] **Int.Cl. B44D 3/14 (2006.01) B05C 21/00 (2006.01) B44D 3/12 (2006.01)**
[25] EN
[54] **THUMB HOLE PAINT CONTAINER AND HOLDER**
[54] **CONTENANT DE PEINTURE DOTE D'UN TROU POUR LE POUCE ET SUPPORT**
[72] FEE, GARRY C., US
[72] MORPHEY, JOHN C., US
[71] NOVA WILDCAT SHUR-LINE, LLC, US
[22] 2017-01-09
[41] 2017-07-08
[30] US (62/276,613) 2016-01-08
[30] US (15/400,695) 2017-01-06

---

[21] **2,953,991**
[13] A1
[51] **Int.Cl. B62D 55/24 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] DANDURAND, JULES, CA
[72] LABBE, PASCAL, CA
[72] DAVIS, JASON, US
[72] LOCHNIKAR, DANIEL, US
[71] CAMSO INC., CA
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275,944) 2016-01-07
[30] US (62/337,101) 2016-05-16

---

[21] **2,954,089**
[13] A1
[51] **Int.Cl. G07D 7/0043 (2016.01) G07D 7/162 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTHENTICATION OF PHYSICAL FEATURES ON IDENTIFICATION DOCUMENTS**
[54] **SYSTEMES ET METHODES D'AUTHENTIFICATION DE CARACTERISTIQUES PHYSIQUES DE DOCUMENTS D'AUTHENTIFICATION**
[72] KUKLINSKI, THEODORE, US
[72] MONK, BRUCE, US
[72] RODRIGUEZ, RAPHAEL, US
[71] CONFIRM, INC., US
[22] 2017-01-06
[41] 2017-07-08
[30] US (62/276,557) 2016-01-08

---

[21] **2,954,114**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **AN IMPROVEMENT TO THE PERFORMANCE OF A REMOTELY MANAGED CUSTOMER SERVICE SYSTEM**
[54] **UNE AMELIORATION DU RENDEMENT D'UN SYSTEME DE SERVICE A LA CLIENTELE GERE A DISTANCE**
[72] NICHOLSON, MARK, CA
[72] VINAY, VENUGOPAL, CA
[71] TANGERINE BANK, CA
[22] 2017-01-09
[41] 2017-07-07
[30] US (62/275,979) 2016-01-07

---

[21] **2,954,143**
[13] A1
[51] **Int.Cl. F16M 3/00 (2006.01) B25H 5/00 (2006.01) B62B 3/00 (2006.01) F25B 45/00 (2006.01)**
[25] EN
[54] **REFRIGERANT MANAGEMENT SYSTEM WITH OPERATIONAL EFFICIENCY IMPROVEMENT DEVICES**
[54] **SYSTEME DE GESTION DE FRIGORIGENE AVEC DISPOSITIFS D'AMELIORATION D'EFFICACITE OPERATIONNELLE**
[72] PLASEK, RONALD A., US
[72] JOHNSON, KARL, US
[72] TRUITT, PETER, US
[71] RITCHIE ENGINEERING COMPANY, INC., US
[22] 2017-01-06
[41] 2017-07-06
[30] US (14/989,403) 2016-01-06

[21] **2,954,216**
[13] A1
[51] **Int.Cl. G05G 1/01 (2009.01) E05B 1/00 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **RETRACTABLE SCREEN DOOR HANDLE ASSEMBLY**
[54] **ENSEMBLE DE POIGNEE DE PORTE MOUSTIQUAIRE RETRACTABLE**
[72] DEBENEDETTI, STEPHEN, US
[72] SEEVERS, JOHN, US
[71] J & S COMPANY LLC, US
[22] 2017-01-06
[41] 2017-07-06
[30] US (62/275,495) 2016-01-06
[30] US (15/400,228) 2017-01-06

---

[21] **2,954,229**
[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01)**
[25] EN
[54] **SILL WITH DETACHABLE WATER DRAINAGE TROUGH FOR HIGH DIFFERENTIAL PRESSURE PERFORMANCE**
[54] **PLATEAU COMPORTANT UN CANAL D'EVACUATION D'EAU AMOVIBLE PERMETTANT UN RENDEMENT ELEVE A PRESSION DIFFERENTIELLE**
[72] GRAETSCH, CHRIS F., US
[72] EDWARDS, CHRISTOPHER D., US
[72] TOTTEN, ARIN A., US
[72] KINDT, DEREK L., US
[72] YAGLA, DAVID L., US
[71] JELD-WEN, INC., US
[22] 2017-01-06
[41] 2017-07-08
[30] US (62/276788) 2016-01-08

---

[21] **2,954,233**
[13] A1
[51] **Int.Cl. B60S 1/04 (2006.01)**
[25] EN
[54] **WIPER BLADE ASSEMBLY PROTECTOR AND METHOD OF PROTECTING A WIPER BLADE ASSEMBLY**
[54] **PROTECTEUR D'ENSEMBLE D'ESSUI-GLACE ET METHODE DE PROTECTION D'UN ENSEMBLE D'ESSUI-GLACE**
[72] DEGENNARO, SERGIO K., US
[71] DEGENNARO, SERGIO K., US
[22] 2017-01-06
[41] 2017-07-07
[30] US (62/275,844) 2016-01-07
[30] US (15/399,870) 2017-01-06

---

[21] **2,960,847**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) G06F 19/00 (2011.01)**
[25] EN
[54] **BODY SCANNING DEVICE**
[54] **DISPOSITIF DE BALAYAGE DE CORPS**
[72] SERBAN, DIANA, CA
[72] BESERMINJI, MIROSLAV, CA
[71] SERBAN, DIANA, CA
[71] BESERMINJI, MIROSLAV, CA
[22] 2017-03-15
[41] 2017-07-04

---

[21] **2,962,838**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CALIBRATING VIBRATIONS IN THE CONTEXT OF SIMULATION**
[54] **SYSTEME D'ETALONNAGE DE VIBRATIONS DANS UN CONTEXTE DE SIMULATION**
[72] MARCOTTE, NICOLAS, CA
[71] CAE INC, CA
[22] 2017-03-31
[41] 2017-07-05

---

[21] **2,962,842**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CALIBRATING REFRACTED VIBRATIONS IN THE CONTEXT OF SIMULATION**
[54] **SYSTEME D'ETALONNAGE DE VIBRATIONS REFRACTEES DANS UN CONTEXTE DE SIMULATION**
[72] MARCOTTE, NICOLAS, CA
[71] CAE INC, CA
[22] 2017-03-31
[41] 2017-07-05

---

[21] **2,965,581**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **HEAT RECOVERY FROM OIL SAND TAILINGS UTILIZING A FLUIDIZED BED**
[54] **RECUPERATION DE CHALEUR A PARTIR DE RESIDUS DE SABLE BITUMINEUX AU MOYEN D'UN LIT FLUIDISE**
[72] ESMAEILI, PAYMAN, CA
[72] SPEIRS, BRIAN C., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-04-28
[41] 2017-07-05

---

[21] **2,965,582**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **WATER-BASED OIL SAND EXTRACTION USING OVERWASH**
[54] **EXTRACTION DE SABLES BITUMINEUX A BASE D'EAU UTILISANT L'ENNOIEMENT**
[72] SAKUHUNI, GIVEMORE, CA
[72] CASTELLANOS DUARTE, DIANA Y., US
[72] CULLINANE, JOHN T., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-04-28
[41] 2017-07-05

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,955,868**
[13] A1
[51] **Int.Cl. G03B 15/02 (2006.01)**
[25] EN
[54] **A DIRECT-LIGHTING MODE AND SOFT-LIGHTING MODE INTERCHANGEABLE PHOTOGRAPHY LED ILLUMINATING LAMP**
[54] **LAMPE D'ECLAIRAGE PHOTOGRAPHIQUE A DEL INTERCHANGEABLE A MODE D'ECLAIRAGE DIRECT ET MODE D'ECLAIRAGE DOUX**
[72] LIN, BIGUANG, CN
[71] LIN, BIGUANG, CN
[85] 2017-01-24
[86] 2016-04-15 (PCT/CN2016/000201)
[87] (2955868)
[30] CN (201610007562.8) 2016-01-07

---

[21] **2,958,460**
[13] A1
[51] **Int.Cl. A23K 10/16 (2016.01) A23K 20/142 (2016.01) A23K 20/158 (2016.01) A23K 40/25 (2016.01) A23K 50/80 (2016.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A PUFA-CONTAINING FEEDSTUFF BY EXTRUDING A PUFA-CONTAINING BIOMASS**
[54] **PROCEDE DE PRODUCTION D'UN ALIMENT POUR ANIMAUX CONTENANT DES AGPI PAR EXTRUSION D'UNE BIOMASSE CONTENANT DES AGPI**
[72] RABE, CHRISTIAN, DE
[72] SILVA, AMELIA CLAUDIA, DE
[72] EILS, STEFAN, DE
[72] PRIEFERT, HORST, DE
[71] EVONIK INDUSTRIES AG, DE
[85] 2017-02-16
[86] 2015-09-22 (PCT/EP2015/071707)
[87] (WO2016/050559)
[30] EP (14187479.2) 2014-10-02

---

[21] **2,958,463**
[13] A1
[51] **Int.Cl. A23K 10/16 (2016.01) A23K 20/142 (2016.01) A23K 20/158 (2016.01) A23K 50/80 (2016.01)**
[25] EN
[54] **METHOD FOR RAISING ANIMALS**
[54] **PROCEDE POUR L'ELEVAGE D'ANIMAUX**
[72] SILVA, AMELIA CLAUDIA, DE
[72] EILS, STEFAN, DE
[72] PRIEFERT, HORST, DE
[72] RABE, CHRISTIAN, DE
[71] EVONIK INDUSTRIES AG, DE
[85] 2017-02-15
[86] 2015-09-22 (PCT/EP2015/071689)
[87] (WO2016/050556)
[30] EP (14187467.7) 2014-10-02

---

[21] **2,958,464**
[13] A1
[51] **Int.Cl. A23P 10/20 (2016.01) A23K 10/16 (2016.01) A23K 40/00 (2016.01) A23L 5/00 (2016.01) A23L 29/00 (2016.01) A23L 29/294 (2016.01) A23L 33/10 (2016.01) C12N 1/12 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A GRANULAR BIOMASS WHICH CONTAINS AN OXIDATION-SENSITIVE VALUABLE SUBSTANCE**
[54] **PROCEDE DE FABRICATION D'UNE BIOMASSE GRANULEE CONTENANT UNE MATIERE VALORISABLE SENSIBLE A L'OXYDATION**
[72] RABE, CHRISTIAN, DE
[72] DERNEDDE, MATHIAS, DE
[72] SCHRICKEL, ALEXANDER, DE
[72] PRIEFERT, HORST, DE
[72] EILS, STEFAN, DE
[72] DIEHL, MICHAEL, DE
[71] EVONIK INDUSTRIES AG, DE
[85] 2017-02-15
[86] 2015-09-22 (PCT/EP2015/071718)
[87] (WO2016/050560)
[30] EP (14187460.2) 2014-10-02

---

[21] **2,959,114**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 17/00 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **CONDITIONAL OCCLUSION RELEASE DEVICE**
[54] **DISPOSITIF DE LIBERATION CONDITIONNELLE D'UNE OBTURATION**
[72] DITZLER, CHRISTOPHER A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-02-23
[86] 2015-07-27 (PCT/US2015/042244)
[87] (WO2016/032658)
[30] US (14/469,935) 2014-08-27

---

[21] **2,959,545**
[13] A1
[51] **Int.Cl. A61K 47/26 (2006.01) A61K 39/395 (2006.01) A61K 47/02 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **ANTIBODY FORMULATIONS**
[54] **FORMULATIONS D'ANTICORPS**
[72] LE, LAN, US
[72] CONNOLLY, BRIAN, US
[71] GENENTECH, INC., US
[85] 2017-02-27
[86] 2015-09-15 (PCT/US2015/050278)
[87] (WO2016/044334)
[30] US (62/050,739) 2014-09-15

[21] **2,962,456**
[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 37/00 (2006.01) H01F 27/08 (2006.01) H01F 38/00 (2006.01)**
[25] EN
[54] **WELDING TYPE POWER SUPPLY WITH WELD TRANSFORMER**
[54] **ALIMENTATION ELECTRIQUE DU TYPE POUR SOUDAGE A TRANSFORMATEUR DE SOUDAGE**
[72] ALTEKRUSE, KENNETH C., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-23
[86] 2015-10-04 (PCT/US2015/053907)
[87] (WO2016/073096)
[30] US (14/535,654) 2014-11-07

[21] **2,962,738**
[13] A1
[51] **Int.Cl. C01B 32/20 (2017.01) C01B 32/00 (2017.01) C01B 32/21 (2017.01) C04B 35/52 (2006.01) C04B 35/622 (2006.01)**
[25] EN
[54] **CARBON COMPOSITES AND METHODS OF MANUFACTURE**
[54] **COMPOSITES DE CARBONE ET LEURS PROCEDES DE FABRICATION**
[72] XU, ZHIYUE, US
[72] ZHAO, LEI, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-03-27
[86] 2015-08-25 (PCT/US2015/046797)
[87] (WO2016/099611)
[30] US (14/499,397) 2014-09-29

[21] **2,962,976**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **GLUCOCORTICOID-INDUCED TUMOR NECROSIS FACTOR RECEPTOR (GITR) ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS DIRIGES CONTRE LE RECEPTEUR DU FACTEUR DE NECROSE TUMORALE INDUIT PAR GLUCOCORTICOIDES (GITR) ET LEURS PROCEDES D'UTILISATION**
[72] MARASCO, WAYNE A., US
[72] CHANG, DE-KUAN, US
[72] XU, CHEN, CN
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-03-28
[86] 2015-10-05 (PCT/US2015/054010)
[87] (WO2016/054638)
[30] US (62/059,458) 2014-10-03

[21] **2,963,057**
[13] A1
[51] **Int.Cl. A61L 15/26 (2006.01) A61F 13/02 (2006.01) A61L 15/28 (2006.01) A61L 15/32 (2006.01) A61L 15/42 (2006.01) A61L 15/58 (2006.01)**
[25] EN
[54] **TISSUE-ADHESIVE POROUS HAEMOSTATIC PRODUCT**
[54] **PRODUIT HEMOSTATIQUE POREUX ADHERANT AUX TISSUS**
[72] BENDER, JOHANNES CASPAR MATHIAS ELIZABETH, NL
[72] BOERMAN, MARCEL ALEXANDER, NL
[71] GATT TECHNOLOGIES B.V., NL
[85] 2017-03-29
[86] 2015-10-05 (PCT/NL2015/050696)
[87] (WO2016/056901)
[30] EP (14187781.1) 2014-10-06

[21] **2,963,294**
[13] A1
[51] **Int.Cl. A61L 24/04 (2006.01) A61L 24/00 (2006.01) C09J 5/00 (2006.01) C09J 9/00 (2006.01) C09J 11/06 (2006.01) C09J 133/00 (2006.01) C09J 175/04 (2006.01) A61F 5/443 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING A POLYMER AND A SWITCH INITIATOR**
[54] **COMPOSITION COMPORTANT UN POLYMERE ET UN INITIATEUR DE COMMUTATION**
[72] LAM, PETER KWOK HING, DK
[72] STROEBECH, ESBEN, DK
[72] HANSEN, KRISTOFFER, DK
[72] SUND, ANDERS GROVE, DK
[72] BEJENARIU, ANCA GABRIELA, DK
[72] FRISTRUP, CHARLOTTE JUEL, DK
[72] BINGOL, BAHAR, DK
[71] COLOPLAST A/S, DK
[85] 2017-03-31
[86] 2015-10-08 (PCT/DK2015/050305)
[87] (WO2016/055075)
[30] DK (PA201470626) 2014-10-09
[30] DK (PA201470770) 2014-12-09
[30] DK (PA201570057) 2015-02-02
[30] DK (PA201570166) 2015-03-24
[30] DK (PA201570210) 2015-04-10
[30] DK (PA201570255) 2015-04-30

[21] **2,963,350**
[13] A1
[51] **Int.Cl. A23K 20/158 (2016.01) A23K 20/00 (2016.01) A23K 20/10 (2016.01) A23K 50/40 (2016.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING MOBILITY OR ACTIVITY OR TREATING FRAILTY**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER LA MOBILITE OU L'ACTIVITE OU DE TRAITER UNE FRAGILITE**
[72] PAN, YUANLONG, US
[72] JACKSON, JANET R., US
[71] NESTEC S.A., CH
[85] 2017-03-31
[86] 2015-10-09 (PCT/IB2015/057745)
[87] (WO2016/055981)
[30] US (62/062,283) 2014-10-10

[21] **2,963,415**
[13] A1
[51] **Int.Cl. A61L 2/28 (2006.01) C12M 1/34 (2006.01) C12Q 1/22 (2006.01)**
[25] EN
[54] **BIOLOGICAL STERILIZATION INDICATOR WITH STERILANT RESISTANCE MODULATOR**
[54] **INDICATEUR DE STERILISATION BIOLOGIQUE AVEC MODULATEUR DE RESISTANCE AUX AGENTS STERILISANTS**
[72] SWAMINATHAN, SWARNALATHA, US
[72] BENNAARS-EIDEN, ASSUMPTA A. G., US
[72] AHIMOU, FRANCOIS, US
[72] FOLTZ, WILLIAM E., US
[72] ZHANG, YING, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-03-31
[86] 2015-10-06 (PCT/US2015/054252)
[87] (WO2016/057520)
[30] US (62/062,285) 2014-10-10

[21] **2,963,930**
[13] A1
[51] **Int.Cl. C07K 7/50 (2006.01) A61K 38/12 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/08 (2006.01) C07K 7/56 (2006.01) C07K 7/64 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **IMMUNOMODULATORS**
[54] **IMMUNOMODULATEURS**
[72] SUN, LI-QIANG, US
[72] ZHAO, QIAN, US
[72] MULL, ERIC, US
[72] GILLIS, ERIC P., US
[72] SCOLA, PAUL MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-04-06
[86] 2015-10-07 (PCT/US2015/054407)
[87] (WO2016/057624)
[30] US (62/062,240) 2014-10-10

[21] **2,964,060**
[13] A1
[51] **Int.Cl. A23L 5/20 (2016.01)**
[25] EN
[54] **COMPOSITIONS FOR USE IN MYCOTOXIN EXTRACTION**
[54] **COMPOSITIONS POUR UTILISATION DANS L'EXTRACTION DE LA MYCOTOXINE**
[72] SARVER, RONALD W., JR., US
[72] VISWAPRAKASH, NANDURI, US
[72] BEAUBIEN, RONALD D., JR., US
[71] NEOGEN CORPORATION, US
[85] 2017-04-07
[86] 2014-10-10 (PCT/US2014/060018)
[87] (WO2016/057044)

[21] **2,964,067**
[13] A1
[51] **Int.Cl. A23D 9/013 (2006.01) A23L 29/10 (2016.01) A23L 33/10 (2016.01) A23L 33/115 (2016.01) A23L 33/12 (2016.01) A23J 7/00 (2006.01) C11B 1/10 (2006.01) C11B 3/00 (2006.01) C11B 5/00 (2006.01) A23L 17/00 (2016.01)**
[25] EN
[54] **MARINE LECITHIN PREPARATIONS WITH ENHANCED OXIDATION RESISTANCE**
[54] **PREPARATIONS DE LECITHINE MARINE A RESISTANCE ACCRUE A L'OXYDATION**
[72] BEN-DROR, GAI, IL
[72] NUMA, RAN, IL
[72] SHEFFER DEE-NOOR, SHANI, IL
[71] ENZYMOTEC LTD., IL
[85] 2017-04-07
[86] 2015-10-08 (PCT/IB2015/002114)
[87] (WO2016/055860)
[30] US (62/062,744) 2014-10-10

[21] **2,964,107**
[13] A1
[51] **Int.Cl. A61L 27/54 (2006.01) A61F 2/28 (2006.01) A61L 27/14 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **BONE REGENERATION USING BIODEGRADABLE POLYMERIC NANOCOMPOSITE MATERIALS AND APPLICATIONS OF THE SAME**
[54] **REGENERATION OSSEUSE A L'AIDE DE MATERIAUX NANOCOMPOSITES POLYMERES BIODEGRADABLES ET APPLICATIONS ASSOCIEES**
[72] BIRIS, ALEXANDRU S., US
[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[85] 2017-04-07
[86] 2015-10-07 (PCT/US2015/054516)
[87] (WO2016/057684)
[30] US (14/509,719) 2014-10-08

[21] **2,964,145**
[13] A1
[51] **Int.Cl. G01S 7/292 (2006.01) G01S 13/18 (2006.01) G01S 13/88 (2006.01) G01S 13/44 (2006.01)**
[25] EN
[54] **WAVEFORM PEAK DETECTION AND TIMING FOR RADAR APPLICATIONS**
[54] **DETECTION DE CRETE DE FORME D'ONDE ET SYNCHRONISATION POUR LES APPLICATIONS RADAR**
[72] HARVEY, JAMES FRANCIS, CA
[71] HARVEY, JAMES FRANCIS, CA
[85] 2017-04-13
[86] 2016-12-30 (PCT/CA2016/051554)
[87] (2964145)
[30] US (14/991,435) 2016-01-08

[21] **2,964,146**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USE FOR AUGMENTED IMMUNE RESPONSE AND CANCER THERAPY**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION POUR UNE REPONSE IMMUNITAIRE ACCRUE ET TRAITEMENT CONTRE LE CANCER**
[72] BROGDON, JENNIFER, US
[72] CIPOLLETTA, DANIELA, US
[72] DRANOFF, GLENN, US
[72] KNEE, DEBORAH A., US
[72] WANG, FEI, US
[71] NOVARTIS AG, CH
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054775)
[87] (WO2016/057846)
[30] US (62/061,644) 2014-10-08
[30] US (62/198,673) 2015-07-29
[30] US (62/220,764) 2015-09-18

[21] **2,964,158**
[13] A1
[51] **Int.Cl. G06F 19/22 (2011.01) G06F 19/10 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS**
[54] **METHODES ET PROCEDES D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES**
[72] DECIU, COSMIN, US
[72] ZHAO, CHEN, US
[71] SEQUENOM, INC., US
[85] 2017-04-07
[86] 2015-10-09 (PCT/US2015/054903)
[87] (WO2016/057901)
[30] US (62/062,748) 2014-10-10

[21] **2,964,357**
[13] A1
[51] **Int.Cl. C05G 3/02 (2006.01) A01N 37/36 (2006.01) A01N 37/40 (2006.01) A01N 47/28 (2006.01) A01N 59/00 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01) A01P 21/00 (2006.01) C05C 9/00 (2006.01) C05G 1/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **AGRICHEMICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS AGROCHIMIQUES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CELLES-CI**
[72] SANTRA, SWADESHMUKUL, US
[72] DAS, SMRUTI, US
[72] RAJASEKARAN, PARTHIBAN, US
[72] MAXWELL, TYLER, US
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2017-04-11
[86] 2015-10-13 (PCT/US2015/055265)
[87] (WO2016/061059)
[30] US (62/062,997) 2014-10-13

[21] **2,964,630**
[13] A1
[51] **Int.Cl. C12N 15/31 (2006.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01) A61K 38/16 (2006.01) A61P 31/04 (2006.01) C07K 14/195 (2006.01) C12N 1/21 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **MONOCINS AND METHODS OF USE**
[54] **MONOCINES ET PROCEDES D'UTILISATION**
[72] CHAKRABORTY, URMI, US
[72] LEE, GRACE, US
[72] SCHOLL, DEAN, US
[71] AVIDBIOTICS CORP., US
[85] 2017-04-12
[86] 2015-11-06 (PCT/US2015/059469)
[87] (WO2016/073854)
[30] US (62/076,691) 2014-11-07
[30] US (62/245,493) 2015-10-23

[21] **2,964,671**
[13] A1
[51] **Int.Cl. C01B 33/26 (2006.01) B33Y 70/00 (2015.01) C04B 7/13 (2006.01) C04B 7/44 (2006.01) C04B 14/04 (2006.01) C04B 20/04 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **ALUMINOSILICATE**
[54] **ALUMINOSILICATE**
[72] DANIELLOU, PIERRE, FR
[72] JOUIN, JEAN PIERRE, FR
[71] IMERYS MINERALS LIMITED, GB
[85] 2017-04-13
[86] 2015-10-16 (PCT/EP2015/074058)
[87] (WO2016/059232)
[30] EP (14290314.5) 2014-10-17

[21] **2,964,896**
[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO CHARACTERIZE AND IDENTIFY OPERATING MODES OF ELECTRIC LOADS**
[54] **SYSTEME ET PROCEDE POUR CARACTERISER ET IDENTIFIER DES MODES DE FONCTIONNEMENT DE CHARGES ELECTRIQUES**
[72] YANG, YI, US
[72] MADANE, MAYURA ARUN, IN
[72] ZAMBARE, PRACHI SURESH, IN
[71] EATON CORPORATION, US
[85] 2017-04-18
[86] 2015-09-09 (PCT/US2015/049069)
[87] (WO2016/069117)
[30] US (14/525,354) 2014-10-28

[21] **2,964,962**
[13] A1
[51] **Int.Cl. H04N 5/3745 (2011.01) H01L 27/146 (2006.01)**
[25] EN
[54] **SOLID STATE IMAGE SENSOR WITH ENHANCED CHARGE CAPACITY AND DYNAMIC RANGE**
[54] **CAPTEUR D'IMAGE A SEMI-CONDUCTEUR AVEC CAPACITE DE CHARGE ET PLAGE DYNAMIQUE AMELIOREES**
[72] HSEIH, BIAY-CHENG, US
[72] GOMA, SERGIU RADU, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-04-18
[86] 2015-11-09 (PCT/US2015/059732)
[87] (WO2016/089551)
[30] US (14/561,845) 2014-12-05

[21] **2,965,135**
[13] A1
[51] **Int.Cl. G01R 25/00 (2006.01) H02J 3/26 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **ELECTRICAL PHASE IDENTIFICATION**
[54] **IDENTIFICATION DE PHASE ELECTRIQUE**
[72] AIELLO, ROBERTO, US
[72] AMIHOOD, PATRICK, US
[71] ITRON, INC., US
[85] 2017-04-19
[86] 2015-10-20 (PCT/US2015/056482)
[87] (WO2016/064889)
[30] US (62/066,248) 2014-10-20
[30] US (14/531,845) 2014-11-03

[21] **2,965,160**
[13] A1
[51] **Int.Cl. G02B 6/42 (2006.01) A61B 90/30 (2016.01) A61B 1/07 (2006.01) A61F 9/007 (2006.01) G02B 27/10 (2006.01)**
[25] EN
[54] **OPTICAL COUPLING EFFICIENCY DETECTION ASSEMBLY AND METHOD OF ASSEMBLING THE SAME**
[54] **ENSEMBLE DE DETECTION D'EFFICACITE DE COUPLAGE OPTIQUE ET PROCEDE D'ASSEMBLAGE CORRESPONDANT**
[72] BACHER, GERALD DAVID, US
[72] SMITH, RONALD T., US
[71] NOVARTIS AG, CH
[85] 2017-04-19
[86] 2015-12-10 (PCT/US2015/064982)
[87] (WO2016/100082)
[30] US (14/571,389) 2014-12-16

[21] **2,965,235**
[13] A1
[51] **Int.Cl. H01S 3/08 (2006.01) H01S 5/10 (2006.01) H01S 5/14 (2006.01)**
[25] EN
[54] **EXTERNAL CAVITY LASER COMPRISING A PHOTONIC CRYSTAL RESONATOR**
[54] **LASER A CAVITE EXTERNE COMPRENANT UN RESONATEUR A CRISTAL PHOTONIQUE**
[72] DEBNATH, KAPIL, GB
[72] WHELAN-CURTIN, WILLIAM, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2017-04-20
[86] 2015-09-17 (PCT/GB2015/052686)
[87] (WO2016/062998)
[30] GB (1418637.3) 2014-10-20

[21] **2,965,273**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **EQUIPMENT FOR THE CHROMATIC DISCRIMINATION AND COUNTING OF ORGANISMS**
[54] **EQUIPEMENT POUR LA DISCRIMINATION CHROMATIQUE ET LE COMPTAGE D'ORGANISMES**
[72] MENDES OLIVEIRA E SILVA, MIGUEL AUGUSTO, PT
[72] ESCADAS RAMOS MARTINS, RUI MANUEL, PT
[72] MORTAGUA VELHO DA MAIA SOARES, AMADEU, PT
[72] NOGUEIRA DE ABREU, SIZENANDO, PT
[71] UNIVERSIDADE DE AVEIRO, PT
[85] 2017-04-20
[86] 2015-10-27 (PCT/IB2015/058284)
[87] (WO2016/067202)
[30] PT (108002) 2014-10-27

[21] **2,965,290**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/10 (2009.01) H04W 4/22 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ALLOCATING RESOURCES FROM COMPONENT CARRIERS TO A PUBLIC-SAFETY MOBILE RADIO**
[54] **PROCEDES ET SYSTEMES POUR ATTRIBUER DES RESSOURCES DE PORTEUSES COMPOSANTES A UNE RADIO MOBILE DE SECURITE PUBLIQUE**
[72] MILLER, TRENT J., US
[72] DERANGO, MARIO F., US
[72] HELM, DAVID P., US
[72] SCRIBANO, GINO A., US
[72] STEINBERG, PAUL D., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-04-20
[86] 2015-09-23 (PCT/US2015/051654)
[87] (WO2016/069138)
[30] US (14/530,215) 2014-10-31

[21] **2,965,302**
[13] A1
[51] **Int.Cl. C05G 3/08 (2006.01) C01G 3/06 (2006.01) C05G 3/00 (2006.01) B01F 1/00 (2006.01)**
[25] EN
[54] **IMPROVED SOLVENT SYSTEMS FOR DICYANDIAMIDE AND/OR ALKYL THIOPHOSPHORIC TRIAMIDE AND USE IN AGRICULTURAL APPLICATIONS**
[54] **SYSTEMES DE SOLVANTS AMELIORES POUR LE DICYANDIAMIDE ET/OU LE TRIAMIDE ALKYLTHIOPHOSPHORIQUE ET LEUR UTILISATION DANS DES APPLICATIONS AGRICOLES**
[72] MCKNIGHT, MICHELLE, US
[72] VIELLIARD, ANTOINE, US
[72] ORTIZ-SUAREZ, MARIVI, US
[72] ARMISEN, SAMANTHA, US
[72] MOREAU, CHLOE, US
[71] RHODIA OPERATIONS, FR
[85] 2017-04-20
[86] 2015-10-21 (PCT/US2015/056614)
[87] (WO2016/064973)
[30] US (62/066,513) 2014-10-21

[21] **2,965,304**
[13] A1
[51] **Int.Cl. H04L 12/02 (2006.01)**
[25] EN
[54] **DYNAMIC POWER REDUCTION MANAGEMENT OF NETWORK DEVICES**
[54] **GESTION DE REDUCTION DE CONSOMMATION D'ENERGIE DYNAMIQUE DE DISPOSITIFS DE RESEAU**
[72] BENTON, THOMAS P., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-04-20
[86] 2015-10-09 (PCT/US2015/054919)
[87] (WO2016/064601)
[30] US (14/519,203) 2014-10-21

[21] **2,965,332**
[13] A1
[51] **Int.Cl. H04N 13/02 (2006.01) H04N 13/04 (2006.01)**
[25] FR
[54] **METHOD FOR COLLECTING IMAGE DATA FOR PRODUCING IMMERSIVE VIDEO AND METHOD FOR VIEWING A SPACE ON THE BASIS OF THE IMAGE DATA**
[54] **METHODE POUR COLLECTER DES DONNEES D'IMAGES DESTINEES A PRODUIRE UNE VIDEO IMMERSIVE ET METHODE DE VISUALISATION D'UN ESPACE SUR BASE DE CES DONNEES D'IMAGES**
[72] SALOME, TRISTAN, BE
[72] DE CONINCK, MICHAEL, BE
[72] MASCARELLO, CHRIS, BE
[72] VANDERHAEGEN, JAMES, BE
[72] HONOREZ, GAEL, BE
[71] PARALLAXTER, BE
[85] 2017-04-19
[86] 2015-10-22 (PCT/BE2015/000056)
[87] (WO2016/061640)
[30] BE (BE 2014/05025) 2014-10-22

[21] **2,965,352**
[13] A1
[51] **Int.Cl. G01R 31/36 (2006.01) H04W 84/18 (2009.01)**
[25] EN
[54] **TECHNIQUES TO PROVIDE A LOW CAPACITY NOTIFICATION FOR AN ENERGY STORAGE DEVICE**
[54] **TECHNIQUES POUR FOURNIR UNE NOTIFICATION DE FAIBLE CAPACITE POUR UN DISPOSITIF DE STOCKAGE D'ENERGIE**
[72] TOU, LEE, US
[72] RAGHAV, GOTETI, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2017-04-20
[86] 2015-11-16 (PCT/US2015/060782)
[87] (WO2016/085685)
[30] US (14/551,433) 2014-11-24

[21] **2,965,443**
[13] A1
[51] **Int.Cl. G01N 1/22 (2006.01)**
[25] EN
[54] **OPEN DYNAMIC FLUX CHAMBER**
[54] **CHAMBRE DE FLUX DYNAMIQUE OUVERTE**
[72] SAPONARO, SABRINA FRANCESCA GABRIELLA, IT
[72] SEZENNA, ELENA, IT
[72] CAREGHINI, ALESSANDRO, IT
[72] MASTORGIO, ANDREA FILIPPO, IT
[72] SPINELLI, LUCA, IT
[71] POLITECNICO DI MILANO, IT
[71] THEAREN S.R.L., IT
[85] 2017-04-21
[86] 2015-10-22 (PCT/IB2015/058147)
[87] (WO2016/067166)
[30] IT (BG2014A000046) 2014-10-28

[21] **2,965,455**
[13] A1
[51] **Int.Cl. G01N 1/24 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING ODOURS**
[54] **APPAREIL ET PROCEDE DE MESURE D'ODEURS**
[72] REMONDINI, MARCO, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2017-04-21
[86] 2015-11-03 (PCT/IB2015/058489)
[87] (WO2016/071834)
[30] IT (BO2014A000614) 2014-11-05

[21] **2,965,474**
[13] A1
[51] **Int.Cl. G08B 13/24 (2006.01) G08B 15/00 (2006.01)**
[25] EN
[54] **STORE INTELLIGENCE SENSOR PLATFORM FOR IMPROVING CUSTOMER EXPERIENCE AND DATA ANALYTICS**
[54] **PLATE-FORME DE CAPTEURS POUR SURVEILLANCE DE MAGASIN DESTINEE A AMELIORER L'EXPERIENCE CLIENT ET L'ANALYSE DE DONNEES**
[72] TURGEON, CHARLES T., US
[72] SZKLANY, CRAIG R., US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2017-04-21
[86] 2015-09-18 (PCT/US2015/050912)
[87] (WO2016/053647)
[30] US (14/501,092) 2014-09-30

[21] **2,965,484**
[13] A1
[51] **Int.Cl. H04N 19/184 (2014.01) H04H 20/95 (2009.01) H04N 19/177 (2014.01)**
[25] EN
[54] **ADAPTIVE BITRATE STREAMING LATENCY REDUCTION**
[54] **REDUCTION DE LATENCE DE TRANSMISSION EN CONTINU A DEBIT BINAIRE ADAPTATIF**
[72] SUN, WENDELL, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-04-21
[86] 2015-10-19 (PCT/US2015/056208)
[87] (WO2016/064728)
[30] US (62/066,971) 2014-10-22
[30] US (14/886,454) 2015-10-19

[21] **2,965,511**
[13] A1
[51] **Int.Cl. A61F 2/28 (2006.01) A61B 17/064 (2006.01) A61B 17/70 (2006.01) A61B 17/80 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **APPARATUS FOR BONE FIXATION**
[54] **APPAREIL POUR LA FIXATION D'UN OS**
[72] EARLY, JOHN, US
[72] BERELSMAN, BRIAN K., US
[72] FINLEY, ADAM, US
[72] D'ANTONIO, PAUL, US
[71] BIOMET C.V., US
[85] 2017-04-21
[86] 2015-10-22 (PCT/US2015/056871)
[87] (WO2016/065124)
[30] US (14/520,441) 2014-10-22

[21] **2,965,513**
[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 12/00 (2009.01)**
[25] EN
[54] **TUNNELED MONITORING SERVICE AND METHODS**
[54] **SERVICE DE SURVEILLANCE EN TUNNEL ET PROCEDES**
[72] KING, JASON, US
[72] WOFFORD, JEFF, US
[72] SMITH, PATRICK, US
[72] HAMMERSLEY, SCOTT, US
[72] DEHAAS, RONALD, US
[71] COVENANT EYES, INC., US
[85] 2017-04-21
[86] 2015-10-22 (PCT/US2015/056921)
[87] (WO2016/065150)
[30] US (62/067,816) 2014-10-23

[21] **2,965,520**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **RULE-BASED ACTION TRIGGERING IN A PROVIDER NETWORK**
[54] **DECLENCHEMENT D'ACTIONS A BASE DE REGLES DANS UN RESEAU FOURNISSEUR**
[72] PATEL, MIHIR RAJENDRABHAI, US
[72] TORUN, MUSTAFA UGUR, US
[72] DOUGHERTY, JESSE MARCUS, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-04-21
[86] 2015-10-30 (PCT/US2015/058432)
[87] (WO2016/070108)
[30] US (14/529,097) 2014-10-30
[30] US (14/529,096) 2014-10-30

[21] **2,965,538**
[13] A1
[51] **Int.Cl. G01R 29/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF MEASURING AND DETERMINING NOISE PARAMETERS**
[54] **SYSTEMES ET PROCEDES DE MESURE ET DE DETERMINATION DE PARAMETRES DE BRUIT**
[72] SIMPSON, GARY R., US
[71] MAURY MICROWAVE, INC., US
[85] 2017-04-21
[86] 2015-10-27 (PCT/US2015/057531)
[87] (WO2016/073241)
[30] US (62/074,466) 2014-11-03
[30] US (14/921,763) 2015-10-23

[21] **2,965,595**
[13] A1
[51] **Int.Cl. G01N 1/20 (2006.01) G01F 1/74 (2006.01) G01N 1/22 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR THE ISOKINETIC SAMPLING OF A MULTIPHASE STREAM**
[54] **PROCEDE ET APPAREIL D'ECHANTILLONNAGE ISOCINETIQUE D'UN FLUX MULTIPHASE**
[72] PAOLO, ANDREUSSI, IT
[71] TEA SISTEMI S.P.A., IT
[85] 2017-04-24
[86] 2015-11-09 (PCT/IB2015/058641)
[87] (WO2016/075610)
[30] IT (102014902307985) 2014-11-10

[21] **2,965,662**
[13] A1
[51] **Int.Cl. G01D 18/00 (2006.01) G01D 5/22 (2006.01)**
[25] EN
[54] **POSITION SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR DE POSITION**
[72] KEOHANE, EUGENE F., US
[72] DIAZ, JOSEPH, US
[71] MOOG INC., US
[85] 2017-04-24
[86] 2015-10-23 (PCT/US2015/057141)
[87] (WO2016/065275)
[30] US (62/068,516) 2014-10-24

[21] **2,965,675**
[13] A1
[51] **Int.Cl. G01N 27/447 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **LP(A) SUBFORM SIZE IDENTIFICATION BY CAPILLARY ISOTACHOPHORESIS ELECTROPHORESIS WITH LASER-INDUCED-FLUORESCENCE**
[54] **IDENTIFICATION DE TAILLE DE SOUS-FORME DE LIPOPROTEINE(A) PAR ELECTROPHORESE ISOTACHOPHORESE CAPILLAIRE AVEC FLUORESCENCE INDUITE PAR LASER**
[72] GUADAGNO, PHILIP, US
[72] BELLIN, ERIN GRACE SUMMERS, US
[71] TRUE HEALTH IP LLC, US
[85] 2017-04-24
[86] 2015-10-27 (PCT/US2015/057641)
[87] (WO2016/069639)
[30] US (62/068,927) 2014-10-27
[30] US (62/147,668) 2015-04-15

[21] **2,965,681**
[13] A1
[51] **Int.Cl. H04M 1/2745 (2006.01) H04W 4/00 (2009.01) H04M 3/493 (2006.01)**
[25] EN
[54] **TOLL-FREE TELECOMMUNICATIONS MANAGEMENT PLATFORM**
[54] **PLATEFORME DE GESTION DE TELECOMMUNICATIONS SANS FRAIS**
[72] SHARMA, SRIRAM, US
[72] CARTER, WILLIAM, US
[72] KIMMEL, MICHAEL, US
[71] SOMOS, INC., US
[85] 2017-04-24
[86] 2015-10-30 (PCT/US2015/058401)
[87] (WO2016/070095)
[30] US (62/073,976) 2014-11-01

[21] **2,965,755**
[13] A1
[51] **Int.Cl. G01N 3/32 (2006.01) G01N 3/34 (2006.01) G01S 15/89 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **IMAGING METHODS AND APPARATUSES FOR PERFORMING SHEAR WAVE ELASTOGRAPHY IMAGING**
[54] **PROCEDES ET APPAREILS D'IMAGERIE PERMETTANT DE REALISER UNE IMAGERIE PAR ELASTOGRAPHIE PAR ONDES DE CISAILLEMENT**
[72] LOUPAS, THANASIS, GR
[72] BRUCE, MATTHEW FREDERICK, FR
[72] CRITON, ALINE LAURE, FR
[71] SUPER SONIC IMAGINE, FR
[85] 2017-04-25
[86] 2014-10-28 (PCT/IB2014/002600)
[87] (WO2016/067072)

[21] **2,966,300**
[13] A1
[51] **Int.Cl. C12N 15/85 (2006.01) A61K 31/7088 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C07K 14/725 (2006.01) C12N 5/10 (2006.01) C12N 9/64 (2006.01) C12N 15/12 (2006.01) C12N 15/57 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **T CELL RECEPTORS DIRECTED AGAINST BOB1 AND USES THEREOF**
[54] **RECEPTEURS DE CELLULES T DIRIGEES CONTRE BOB1 ET LEURS UTILISATIONS**
[72] HEEMSKERK, MIRJAM H.M., NL
[72] FALKENBURG, J.H. FREDERIK, NL
[71] LEIDEN UNIVERSITY MEDICAL CENTER, NL
[85] 2017-04-28
[86] 2015-11-02 (PCT/IB2015/002191)
[87] (WO2016/071758)
[30] US (62/074,534) 2014-11-03
[30] US (62/115,737) 2015-02-13

[21] **2,966,501**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) G05G 1/44 (2009.01) A61B 17/00 (2006.01)**
[25] EN
[54] **MULTIFUNCTION FOOT PEDAL**
[54] **PEDALE DE PIED MULTIFONCTION**
[72] HAJISHAH, ABRAHAM, US
[72] MALLOUGH, MITCHELL W., US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2017-05-01
[86] 2015-11-02 (PCT/US2015/058655)
[87] (WO2016/073369)
[30] US (14/531,151) 2014-11-03

[21] **2,966,881**
[13] A1
[51] **Int.Cl. A61L 17/10 (2006.01) A61B 17/04 (2006.01) A61L 17/00 (2006.01)**
[25] EN
[54] **BRAIDED SUTURE COAT**
[54] **REVETEMENT DE SUTURE TRESSE**
[72] HALLETT, BRIAN S., GB
[71] SURGICAL SPECIALTIES CORPORATION, US
[85] 2017-05-04
[86] 2015-11-04 (PCT/US2015/059081)
[87] (WO2016/073635)
[30] US (62/075,090) 2014-11-04

[21] **2,967,222**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **INHIBITORY CHIMERIC ANTIGEN RECEPTORS**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES INHIBITEURS**
[72] RAJPAL, ARVIND, US
[72] POTLURI, SHOBHA CHOWDARY, US
[72] POIROT, LAURENT, FR
[72] JUILLERAT, ALEXANDRE, US
[72] PERTEL, THOMAS CHARLES, US
[72] STONE, DONNA MARIE, US
[72] SASU, BARBRA JOHNSON, US
[71] RINAT NEUROSCIENCE CORP., US
[71] CELLECTIS, FR
[85] 2017-05-10
[86] 2015-11-09 (PCT/IB2015/058650)
[87] (WO2016/075612)
[30] US (62/078,927) 2014-11-12
[30] US (62/081,960) 2014-11-19

[21] **2,967,742**
[13] A1
[51] **Int.Cl. E21B 29/02 (2006.01) B23K 7/00 (2006.01) E21B 33/12 (2006.01) E21B 33/134 (2006.01) E21B 43/116 (2006.01) F41A 21/26 (2006.01) F42B 8/04 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL WITH A PROPELLANT CHARGE**
[54] **OUTIL DE FOND DE TROU A CHARGE PROPULSIVE**
[72] OAG, JAMIE, GB
[72] YOUNGER, RAE, GB
[72] JOHNSTON, SIDNEY DANTUMA, GB
[71] SPEX ENGINEERING (UK) LIMITED, GB
[85] 2017-05-12
[86] 2015-11-18 (PCT/GB2015/053507)
[87] (WO2016/079512)
[30] GB (1420491.1) 2014-11-18
[30] GB (1506265.6) 2015-04-13

[21] **2,968,067**
[13] A1
[51] **Int.Cl. F03D 13/25 (2016.01) B63B 21/50 (2006.01) B63B 35/44 (2006.01)**
[25] EN
[54] **FLOATING PLATFORM FOR HARNESSING WIND ENERGY**
[54] **PLATE-FORME FLOTTANTE D'EXPLOITATION D'ENERGIE EOLIENNE**
[72] GALDOS TOBALINA, ALBERTO, ES
[71] SAITEC OFFSHORE TECHNOLOGIES S.L.U., ES
[85] 2017-05-16
[86] 2015-09-23 (PCT/ES2015/070691)
[87] (WO2016/083634)
[30] ES (P201431758) 2014-11-26

[21] **2,968,079**
[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01) H01M 10/0585 (2010.01) H01M 10/04 (2006.01)**
[25] EN
[54] **SURFACE MOUNT BATTERY AND PORTABLE ELECTRONIC DEVICE WITH INTEGRATED BATTERY CELL**
[54] **BATTERIE A MONTAGE EN SURFACE ET DISPOSITIF ELECTRONIQUE PORTABLE AYANT UNE CELLULE DE BATTERIE INTEGREE**
[72] KEATES, ANDY, US
[72] RAJA, KANNAN, US
[71] INTEL CORPORATION, US
[85] 2017-05-16
[86] 2015-10-08 (PCT/US2015/054602)
[87] (WO2016/099632)
[30] US (14/574,913) 2014-12-18

[21] **2,968,081**
[13] A1
[51] **Int.Cl. C08G 59/38 (2006.01) B32B 27/04 (2006.01) C08G 59/26 (2006.01) C08G 59/50 (2006.01) C08J 5/24 (2006.01) C08L 63/00 (2006.01) C08L 81/06 (2006.01)**
[25] EN
[54] **EPOXY-BASED RESIN COMPOSITION FOR COMPOSITE MATERIALS**
[54] **COMPOSITION DE RESINE A BASE D'EPOXY POUR MATERIAUX COMPOSITES**
[72] BONNEAU, MARK RICHARD, US
[72] BILLAUD, CLAUDE, GB
[71] CYTEC INDUSTRIES INC., US
[85] 2017-05-16
[86] 2015-12-15 (PCT/US2015/065651)
[87] (WO2016/100244)
[30] US (62/092,448) 2014-12-16

[21] **2,968,102**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 3/33 (2006.01) C11D 7/32 (2006.01)**
[25] EN
[54] **CLEANING POUCH**
[54] **SACHET DE NETTOYAGE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] HULSKOTTER, FRANK, DE
[72] MURKUNDE, ROHAN GOVIND, GB
[72] GOODALL, KEVIN GEORGE, BE
[72] REINOSO-GARCIA, MARTA, DE
[72] BOECKH, DIETER HANNU, DE
[72] BIEL, MARKUS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-05-16
[86] 2015-11-13 (PCT/US2015/060490)
[87] (WO2016/085670)
[30] EP (14194872.9) 2014-11-26

[21] **2,968,103**
[13] A1
[51] **Int.Cl. C09K 8/42 (2006.01)**
[25] EN
[54] **FLUIDS AND METHODS INCLUDING NANOCELLULOSE**
[54] **FLUIDES ET PROCEDES COMPRENANT DE LA NANOCELLULOSE**
[72] LAFITTE, VALERIE GISELE HELENE, US
[72] LEE, JESSE, US
[72] JAMES, SIMON, FR
[72] FERNANDEZ DEL VALLE, JULIA, US
[72] YAKOVLEV, ANDREY, US
[72] PANGA, MOHAN KANAKA RAJU, US
[72] SZABO, GEZA HORVATH, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-05-16
[86] 2015-11-13 (PCT/US2015/060534)
[87] (WO2016/077671)
[30] US (14/542,636) 2014-11-16

[21] **2,968,116**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 3/33 (2006.01) C11D 7/32 (2006.01)**
[25] EN
[54] **CLEANING POUCH**
[54] **SACHET DE NETTOYAGE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] HULSKOTTTER, FRANK, DE
[72] MURKUNDE, ROHAN GOVIND, GB
[72] GOODALL, KEVIN GEORGE, BE
[72] REINOSO-GARCIA, MARTA, DE
[72] BOECKH, DIETER HANNU, DE
[72] BIEL, MARKUS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-05-16
[86] 2015-11-17 (PCT/US2015/061100)
[87] (WO2016/085714)
[30] EP (14194868.7) 2014-11-26

[21] **2,968,192**
[13] A1
[51] **Int.Cl. B64D 17/40 (2006.01) B64D 1/08 (2006.01) B64D 17/22 (2006.01)**
[25] EN
[54] **PACKAGING FOR A PARACHUTE**
[54] **EMBALLAGE POUR UN PARACHUTE**
[72] COOK, GEORGE MICHAEL, GB
[72] COOK, JONATHAN, GB
[72] COOK, MICHAEL, GB
[71] STRATEGIC SUPPORT LIMITED, GB
[85] 2017-05-17
[86] 2015-11-17 (PCT/GB2015/053481)
[87] (WO2016/079493)
[30] GB (1420650.2) 2014-11-20

[21] **2,968,194**
[13] A1
[51] **Int.Cl. C04B 28/14 (2006.01) C04B 20/00 (2006.01) E04C 2/04 (2006.01)**
[25] EN
[54] **CONSTRUCTION PANEL HAVING IMPROVED FIXING STRENGTH**
[54] **PANNEAU DE CONSTRUCTION PRESENTANT UNE RESISTANCE DE FIXATION AMELIOREE**
[72] BROOKS, LAURA, GB
[72] JUPP, NICOLA, GB
[72] SPARKES, JOANNA, GB
[72] TABOULOT, ELODIE, GB
[72] RICHARDSON, ADAM, GB
[72] JONES, NICOLAS, GB
[72] RIDEOUT, JAN, GB
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2017-05-17
[86] 2015-11-19 (PCT/GB2015/053536)
[87] (WO2016/079529)
[30] GB (1420676.7) 2014-11-20

[21] **2,968,197**
[13] A1
[51] **Int.Cl. C04B 28/14 (2006.01) C04B 14/22 (2006.01) C04B 24/38 (2006.01)**
[25] EN
[54] **CONSTRUCTION PANEL HAVING IMPROVED FIXING STRENGTH**
[54] **PANNEAU DE CONSTRUCTION POSSEDANT UNE MEILLEURE RESISTANCE DE FIXATION**
[72] BROOKS, LAURA, GB
[72] JUPP, NICOLA, GB
[72] SPARKES, JOANNA, GB
[72] RICHARDSON, ADAM, GB
[72] RIDEOUT, JAN, GB
[72] JONES, NICOLAS, GB
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2017-05-17
[86] 2015-11-19 (PCT/GB2015/053539)
[87] (WO2016/079531)
[30] GB (1420677.5) 2014-11-20

[21] **2,968,200**
[13] A1
[51] **Int.Cl. F16L 41/06 (2006.01) F16L 41/12 (2006.01)**
[25] EN
[54] **BORING DEVICE**
[54] **DISPOSITIF D'ALESAGE**
[72] BOYES, SIMON, GB
[71] THOMAS DUDLEY LIMITED, GB
[85] 2017-05-17
[86] 2015-11-23 (PCT/GB2015/053563)
[87] (WO2016/083786)
[30] GB (1420865.6) 2014-11-24

[21] **2,968,213**
[13] A1
[51] **Int.Cl. C11D 17/00 (2006.01) A61K 8/02 (2006.01) A61K 8/34 (2006.01) A61Q 17/00 (2006.01) A61Q 19/10 (2006.01) C11D 3/20 (2006.01) C11D 9/26 (2006.01) C11D 10/04 (2006.01)**
[25] EN
[54] **CLEANSING BARS WITH PHENOXYETHANOL**
[54] **PAINS NETTOYANTS CONTENANT DU PHENOXYETHANOL**
[72] MASTRULL, JEFFREY, US
[72] DUBOVOY, VIKTOR, US
[72] DU-THUMM, LAURENCE, US
[72] MISNER, STEVEN, US
[72] SANTOS, DAVID, US
[72] PAN, LONG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-05-17
[86] 2014-12-05 (PCT/US2014/068790)
[87] (WO2016/089421)

[21] **2,968,219**
[13] A1
[51] **Int.Cl. C10M 139/00 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITION**
[54] **COMPOSITION D'HUILE DE GRAISSAGE**
[72] ZHANG, YANSHI, US
[72] MCGUINESS, MARK J., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2017-05-17
[86] 2015-10-16 (PCT/US2015/055933)
[87] (WO2016/081111)
[30] US (62/082,651) 2014-11-21

[21] **2,968,228**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F17C 7/00 (2006.01) F25B 9/06 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LIQUEFIED NATURAL GAS PRODUCTION**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE GAZ NATUREL LIQUEFIE**
[72] OHART, DANIEL, US
[72] YONKER, GREG, US
[72] KERTH, JASON M., US
[71] DRESSER-RAND COMPANY, US
[85] 2017-05-17
[86] 2015-11-06 (PCT/US2015/059385)
[87] (WO2016/081204)
[30] US (62/081,799) 2014-11-19
[30] US (62/246,171) 2015-10-26
[30] US (14/924,788) 2015-10-28

[21] **2,968,232**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **GLASS-POLYMER LAMINATES AND PROCESSES FOR FORMING THE SAME**
[54] **STRATIFIES VERRE-POLYMERE ET PROCEDES POUR LEUR FORMATION**
[72] FISCHER, BRITTANY MARIE, US
[72] FUSCO, ADAM JOSEPH, US
[72] GOPALAKRISHNAN, KARTHIK, US
[72] GORGES, ANDREW CHARLES, US
[72] PRICE, MICHAEL WILLIAM, US
[72] WEBB, JAMES ERNEST, US
[71] CORNING INCORPORATED, US
[85] 2017-05-17
[86] 2015-11-17 (PCT/US2015/061012)
[87] (WO2016/081422)
[30] US (62/080,764) 2014-11-17

[21] **2,968,239**
[13] A1
[51] **Int.Cl. C09D 5/14 (2006.01) A01N 47/44 (2006.01) A01N 59/20 (2006.01) A01P 1/00 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL AGENT FOR THE BIOCIDAL FINISH OF POLYMERS**
[54] **AGENT ANTIMICROBIEN POUR L'APPRET BIOCIDE DE POLYMERES**
[72] RAMETSTEINER, KARL, AT
[71] WENATEX FORSCHUNG - ENTWICKLUNG - PRODUKTION GMBH, AT
[85] 2017-05-18
[86] 2015-11-20 (PCT/AT2015/050296)
[87] (WO2016/077857)
[30] AT (A50844/2014) 2014-11-20

[21] **2,968,247**
[13] A1
[51] **Int.Cl. B60J 10/265 (2016.01) B60J 10/36 (2016.01) B60J 10/78 (2016.01) B60R 13/04 (2006.01)**
[25] FR
[54] **WINDOW HAVING A PROFILED JOINT, CAP AND CORE, AND METHOD FOR MANUFACTURING SAID WINDOW**
[54] **VITRAGE A JOINT PROFILE, ENJOLIVEUR ET NOYAU ET PROCEDE DE FABRICATION DU VITRAGE**
[72] GONNET, ROMAIN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-05-17
[86] 2015-12-11 (PCT/FR2015/053447)
[87] (WO2016/092231)
[30] FR (1462330) 2014-12-12

[21] **2,968,251**
[13] A1
[51] **Int.Cl. F16C 33/10 (2006.01) F16C 17/02 (2006.01)**
[25] FR
[54] **PLAIN SELF-CENTRING BEARING**
[54] **PALIER LISSE AUTO-CENTRANT**
[72] MORREALE, SERGE RENE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-05-18
[86] 2015-11-17 (PCT/FR2015/053101)
[87] (WO2016/079415)
[30] FR (1461242) 2014-11-20

[21] **2,968,300**
[13] A1
[51] **Int.Cl. B64G 1/64 (2006.01) F16B 7/00 (2006.01) F42B 15/36 (2006.01)**
[25] EN
[54] **SEPARATION SYSTEM FOR SEPARABLE ELEMENTS OF SPACECRAFTS AND LAUNCHERS**
[54] **SYSTEME DE SEPARATION D'ELEMENTS SEPARABLES D'AERONEFS ET DE LANCEURS**
[72] RIVAS SANCHEZ, FRANCISCO JAVIER, ES
[71] AIRBUS DEFENCE AND SPACE, S.A., ES
[85] 2017-05-18
[86] 2014-11-25 (PCT/ES2014/070865)
[87] (WO2016/083627)

[21] **2,968,323**
[13] A1
[51] **Int.Cl. B65G 11/16 (2006.01) B65G 21/20 (2006.01)**
[25] EN
[54] **WEAR-RESISTANT CERAMIC LINER WITH SNAP-LOCK FIXING ARRANGEMENT**
[54] **CHERMISAGE EN CERAMIQUE RESISTANT A L'USURE AVEC ARRANGEMENT DE FIXATION A VERROUILLAGE PAR ENCLIQUETAGE**
[72] SINGH, SHANTI BHUSHAN, IN
[72] GHOSH, GOUTAM, IN
[71] TEGA INDUSTRIES LIMITED, IN
[85] 2017-05-18
[86] 2015-01-13 (PCT/IN2015/000016)
[87] (WO2016/084095)
[30] IN (1253/KOL/2014) 2014-11-27

[21] **2,968,349**
[13] A1
[51] **Int.Cl. C04B 28/02 (2006.01) B28B 3/00 (2006.01) B28B 11/24 (2006.01) C04B 14/04 (2006.01) C04B 24/12 (2006.01)**
[25] EN
[54] **WET PRESS CONCRETE SLAB MANUFACTURING**
[54] **PROCEDE DE FABRICATION DE DALLES DE BETON A LA PRESSE EN VOIE HUMIDE**
[72] RIEDER, KLAUS A., US
[72] HUGHES, DAVID W., GB
[72] MARCINKOWSKI, LUKASZ M., PL
[71] GCP APPLIED TECHNOLOGIES INC., US
[85] 2017-05-18
[86] 2015-10-06 (PCT/US2015/054226)
[87] (WO2016/081080)
[30] US (62/082,684) 2014-11-21

[21] **2,968,356**
[13] A1
[51] **Int.Cl. C09K 8/50 (2006.01) C09K 8/524 (2006.01)**
[25] EN
[54] **WELL TREATMENT**
[54] **TRAITEMENT DE PUITS**
[72] LECERF, BRUNO, US
[72] USOVA, ZINAIDA YURIEVNA, RU
[72] USOLTSEV, DMITRIY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-05-18
[86] 2015-11-17 (PCT/US2015/061083)
[87] (WO2016/085710)
[30] US (14/554,866) 2014-11-26

[21] **2,968,360**
[13] A1
[51] **Int.Cl. F16K 15/02 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **EROSION RESISTANT GAS LIFT VALVE ASSEMBLIES WITH FLUID FLOW BARRIERS AND METHODS OF ASSEMBLING SAME**
[54] **ENSEMBLES SOUPAPE D'EXTRACTION AU GAZ AYANT UNE BARRIERE D'ECOULEMENT DE FLUIDE ET LEURS PROCEDES D'ASSEMBLAGE**
[72] OTTA, SHOURYA PRAKASH, US
[72] TURNQUIST, NORMAN ARNOLD, US
[72] LUSTED, RODERICK MARK, US
[72] QI, XUELE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-18
[86] 2015-11-20 (PCT/US2015/061737)
[87] (WO2016/085786)
[30] US (14/555,260) 2014-11-26

[21] **2,968,380**
[13] A1
[51] **Int.Cl. E21B 34/16 (2006.01) E21B 34/10 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **GAS LIFT VALVE ASSEMBLIES AND METHODS OF ASSEMBLING SAME**
[54] **ENSEMBLES SOUPAPES D'EXTRACTION AU GAZ ET PROCEDES D'ASSEMBLAGE DE CEUX-CI**
[72] QI, XUELE, US
[72] TURNQUIST, NORMAN ARNOLD, US
[72] LUSTED, RODERICK MARK, US
[72] SAMUDRALA, OMPRAKASH, US
[72] OTTA, SHOURYA PRAKASH, US
[72] LOPEZ, RICARDO, US
[72] WANG, JIFENG, US
[72] RANDAZZO, VIC ARTHUR, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-18
[86] 2015-11-20 (PCT/US2015/061815)
[87] (WO2016/085800)
[30] US (14/555,193) 2014-11-26

[21] **2,968,381**
[13] A1
[51] **Int.Cl. C09K 15/16 (2006.01) C08J 3/22 (2006.01) C08K 5/132 (2006.01) C08K 5/3435 (2006.01) C08K 5/3462 (2006.01) C08K 5/3492 (2006.01) C09K 15/06 (2006.01)**
[25] EN
[54] **STABILIZER COMPOSITIONS AND METHODS FOR USING SAME FOR PROTECTING ORGANIC MATERIALS FROM UV LIGHT AND THERMAL DEGRADATION**
[54] **COMPOSITIONS DE STABILISANT ET LEURS PROCEDES D'UTILISATION AFIN DE PROTEGER DES MATIERES ORGANIQUES DE LA LUMIERE ULTRAVIOLETTE ET DE LA DEGRADATION THERMIQUE**
[72] ENG, JERRY MON HEI, US
[72] KOZAKIEWICZ, JOSEPH, US
[72] GUPTA, RAM B., US
[72] CHO, JIAN-YANG, US
[72] RYLES, RODERICK G., US
[72] KHAWAM, FADI, US
[71] CYTEC INDUSTRIES INC., US
[85] 2017-05-18
[86] 2015-11-20 (PCT/US2015/061827)
[87] (WO2016/081823)
[30] US (62/082,580) 2014-11-20

[21] **2,968,411**
[13] A1
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 7/12 (2006.01) B32B 17/10 (2006.01) B32B 27/36 (2006.01)**
[25] EN
[54] **TEAR RESISTANT MULTILAYER FILM**
[54] **FILM MULTICOUCHE RESISTANT A LA DECHIRURE**
[72] LIU, RICHARD Y., US
[72] JOHNSON, STEPHEN A., US
[72] PURCELL, JOHN P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-05-18
[86] 2015-12-04 (PCT/US2015/063898)
[87] (WO2016/099941)
[30] US (14/574,820) 2014-12-18

[21] **2,968,423**
[13] A1
[51] **Int.Cl. E21B 19/15 (2006.01)**
[25] EN
[54] **TUBULAR HANDLING SYSTEM**
[54] **SYSTEME DE MANIPULATION D'ELEMENT TUBULAIRE**
[72] GUERRA, GERARDO, US
[72] BRYANT, AARON, US
[71] FORUM US, INC., US
[85] 2017-05-18
[86] 2016-04-12 (PCT/US2016/027124)
[87] (WO2016/168192)
[30] US (62/147,728) 2015-04-15

[21] **2,968,470**
[13] A1
[51] **Int.Cl. A63J 1/00 (2006.01)**
[25] FR
[54] **ASSEMBLY OF MODULES FOR A STRUCTURE**
[54] **ENSEMBLE DE MODULES D'UNE CHARPENTE**
[72] DE VISSCHER, JULIEN, BE
[71] MCB ATELIER SPRL, BE
[85] 2017-05-19
[86] 2015-11-20 (PCT/BE2015/000065)
[87] (WO2016/077892)
[30] BE (BE2014/5082) 2014-11-21

[21] **2,968,474**
[13] A1
[51] **Int.Cl. F25B 19/00 (2006.01) B60P 3/20 (2006.01) F25D 3/10 (2006.01) F28D 1/04 (2006.01) F28F 1/32 (2006.01)**
[25] FR
[54] **COMPACT EXCHANGER FOR INDIRECT-INJECTION CRYOGENIC TRANSPORTATION**
[54] **ECHANGEUR COMPACT POUR LE TRANSPORT CRYOGENIQUE EN INJECTION INDIRECTE**
[72] YOUBI-IDRISSI, MOHAMMED, FR
[72] DALLAIS, ANTONY, FR
[72] CLEMENT, CECILE, FR
[72] ZERBINATTI, CELSO, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-05-19
[86] 2015-11-17 (PCT/FR2015/053105)
[87] (WO2016/079418)
[30] FR (1461237) 2014-11-20

[21] **2,968,476**
[13] A1
[51] **Int.Cl. B64D 35/08 (2006.01) B64D 27/24 (2006.01) F01D 15/10 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **PROPULSION UNIT WITH SELECTIVE COUPLING MEANS**
[54] **GROUPE PROPULSEUR A MOYENS D'ACCOUPLEMENT SELECTIF**
[72] LAFARGUE, OLIVIER, FR
[72] CHARTRAIN, DIDIER, FR
[72] SERGHINE, CAMEL, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2017-05-19
[86] 2015-11-24 (PCT/FR2015/053180)
[87] (WO2016/083720)
[30] FR (14 61585) 2014-11-27

[21] **2,968,497**
[13] A1
[51] **Int.Cl. C08F 220/20 (2006.01) G01N 21/01 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **MONOLITHS**
[54] **MONOLITHES**
[72] OBERG, KEITH, A., US
[72] DOBBS, MARK, D., US
[72] TKATCHOUK, EKATERINA, US
[72] LAYNE, SCOTT, P., US
[72] LEE, MILTON, US
[71] MONOLYTHIX, INC., US
[71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
[85] 2017-05-19
[86] 2014-11-20 (PCT/US2014/066643)
[87] (WO2016/080998)

[21] **2,968,511**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **A METHOD AND A CONTROL SYSTEM FOR OPTIMIZING PRODUCTION OF A HYDROCARBON WELL**
[54] **PROCEDE ET SYSTEME DE COMMANDE POUR OPTIMISER LA PRODUCTION D'UN PUITS D'HYDROCARBURE**
[72] NANDOLA, NARESHKUMAR, IN
[72] KAISARE, NIKET, IN
[72] GUPTA, ARUN, IN
[71] ABB SCHWEIZ AG, CH
[85] 2017-05-19
[86] 2015-11-30 (PCT/IB2015/059214)
[87] (WO2016/084058)
[30] IN (5994/CHE/2014) 2014-11-30

[21] **2,968,514**
[13] A1
[51] **Int.Cl. B64C 11/00 (2006.01) B63H 1/16 (2006.01) B64C 11/20 (2006.01)**
[25] EN
[54] **PROPELLER**
[54] **HELICE**
[72] LINCH, JONATHON J., US
[72] RAHRIG, KYLE M., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-05-19
[86] 2015-11-11 (PCT/US2015/060197)
[87] (WO2016/089569)
[30] US (14/560,964) 2014-12-04

[21] **2,968,530**
[13] A1
[51] **Int.Cl. C08L 83/04 (2006.01) C03C 17/30 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **ANTIGLARE TOUCH SCREEN DISPLAYS AND OTHER COATED ARTICLES AND METHODS OF FORMING THEM**
[54] **ECRANS TACTILES ANTIREFLET ET AUTRES ARTICLES REVETUS, ET LEURS PROCEDES DE FORMATION**
[72] LU, SONGWEI, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2017-05-19
[86] 2015-11-25 (PCT/US2015/062571)
[87] (WO2016/086079)
[30] US (62/084,170) 2014-11-25

[21] **2,968,533**
[13] A1
[51] **Int.Cl. B26D 7/01 (2006.01) A23N 15/00 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **FOOD CUTTING APPARATUS**
[54] **APPAREIL DE DECOUPE D'ALIMENTS**
[72] HARRIS, E. MARK, US
[72] SUDMALIS, ROLAND, US
[71] COLUMBIA INSURANCE COMPANY, US
[85] 2017-05-19
[86] 2015-11-20 (PCT/US2015/061854)
[87] (WO2016/085810)
[30] US (62/085,139) 2014-11-26

[21] **2,968,536**
[13] A1
[51] **Int.Cl. C03C 15/00 (2006.01) A61J 1/05 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING STRENGTHENED AND DURABLE GLASS CONTAINERS**
[54] **PROCEDES POUR LA PRODUCTION DE RECIPIENTS EN VERRE RENFORCE ET DURABLE**
[72] BOOKBINDER, DANA CRAIG, US
[72] FIACCO, RICHARD MICHAEL, US
[72] GROSS, TIMOTHY MICHAEL, US
[71] CORNING INCORPORATED, US
[85] 2017-05-19
[86] 2015-11-23 (PCT/US2015/062169)
[87] (WO2016/085867)
[30] US (62/084,877) 2014-11-26

[21] **2,968,585**
[13] A1
[51] **Int.Cl. C08L 27/24 (2006.01) C08J 3/20 (2006.01) C08K 5/3462 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **NOVEL COUPLED URACIL COMPOUND FOR VINYL CHLORIDE POLYMER RESINS**
[54] **NOUVEAU COMPOSE D'URACILE COUPLE POUR RESINES POLYMERES DE TYPE CHLORURE DE VINYLE**
[72] COX, ADAM, US
[72] PROUST, NICOLAS, US
[72] HANTHORN, JASON J., US
[72] NIE, LI, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-05-19
[86] 2015-11-20 (PCT/US2015/061735)
[87] (WO2016/085785)
[30] US (62/083,331) 2014-11-24

[21] **2,968,590**
[13] A1
[51] **Int.Cl. E01B 27/17 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR COMPACTING THE BALLAST BED OF A TRACK**
[54] **PROCEDE ET DISPOSITIF DE COMPACTION D'UN LIT DE BALLAST D'UNE VOIE FERREE**
[72] LICHTBERGER, BERNHARD, AT
[71] HP3 REAL GMBH, AT
[85] 2017-05-23
[86] 2015-11-26 (PCT/AT2015/050301)
[87] (WO2016/081971)
[30] AT (A 50862/2014) 2014-11-28

[21] **2,968,630**
[13] A1
[51] **Int.Cl. C23C 8/80 (2006.01) C23C 8/34 (2006.01) C23C 8/58 (2006.01)**
[25] FR
[54] **METHOD FOR SURFACE TREATMENT OF A STEEL COMPONENT BY NITRIDING OR NITROCARBURISING, OXIDISING AND THEN IMPREGNATING**
[54] **PROCEDE DE TRAITEMENT SUPERFICIEL D'UNE PIECE EN ACIER PAR NITRURATION OU NITROCARBURATION, OXYDATION PUIS IMPREGNATION**
[72] MAGDINIER, PIERRE-LOUIS, FR
[72] DESBOUCHE-JANNY, MARIE-NOELLE, FR
[71] H.E.F., FR
[85] 2017-05-23
[86] 2015-12-15 (PCT/FR2015/053511)
[87] (WO2016/102813)
[30] FR (1463252) 2014-12-23

[21] **2,968,682**
[13] A1
[51] **Int.Cl. B60K 7/00 (2006.01) B60B 30/00 (2006.01) B60B 35/00 (2006.01) B60B 35/12 (2006.01) B60B 35/16 (2006.01) B60L 15/20 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS OF A MOTORIZED WHEEL**
[54] **DISPOSITIFS ET PROCEDES RELATIFS A UNE ROUE MOTORISEE**
[72] BIDERMAN, ASSAF, US
[72] BARBER, ERIC, US
[72] FONG, LONG HIN, US
[72] ROY, ROBERT PAUL, US
[72] HEINZMANN, JOHN DAVID, US
[72] WEINSTEIN, JEFFREY JAY, US
[72] ZIOLEK, MICHAEL, US
[71] SUPERPEDESTRIAN, INC., US
[85] 2017-05-23
[86] 2015-11-24 (PCT/US2015/062525)
[87] (WO2016/086057)
[30] US (62/083,851) 2014-11-24
[30] US (62/092,243) 2014-12-15
[30] US (14/678,855) 2015-04-03

[21] **2,968,684**
[13] A1
[51] **Int.Cl. F16B 23/00 (2006.01)**
[25] EN
[54] **RECESSED HEAD FASTENER AND DRIVER COMBINATION**
[54] **COMBINAISON TOURNEVIS ET ELEMENT D'ASSEMBLAGE A TETE A EMPREINTE CRUCIFORME**
[72] PRITCHARD, ALAN, GB
[71] RESEARCH ENGINEERING & MANUFACTURING INC., US
[85] 2017-05-23
[86] 2015-12-11 (PCT/US2015/065198)
[87] (WO2016/100110)
[30] US (62/093,236) 2014-12-17

[21] **2,968,688**
[13] A1
[51] **Int.Cl. C08L 83/04 (2006.01) C03C 17/30 (2006.01) C08L 83/06 (2006.01) C09D 183/04 (2006.01) C09D 183/06 (2006.01) C09D 5/32 (2006.01)**
[25] EN
[54] **CURABLE FILM-FORMING SOL-GEL COMPOSITIONS AND ANTI-GLARE COATED ARTICLES FORMED FROM THEM**
[54] **COMPOSITIONS SOL-GEL FILMOGENES DURCISSABLES ET ARTICLES ENDUITS ANTIREFLET FORMES A PARTIR DE CELLES-CI**
[72] LU, SONGWEI, US
[72] VANIER, NOEL R., US
[72] XU, XIANGLING, US
[72] SWARUP, SHANTI, US
[72] MARTIN, DAVID C., US
[72] OLSON, KURT G., US
[72] SCHWENDEMAN, IRINA G., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2017-05-23
[86] 2015-11-25 (PCT/US2015/062574)
[87] (WO2016/086082)
[30] US (62/084,170) 2014-11-25

[21] **2,968,698**
[13] A1
[51] **Int.Cl. H01M 8/0267 (2016.01) H01M 8/04701 (2016.01)**
[25] EN
[54] **SELF-HEATING FUEL CELL SYSTEMS**
[54] **SYSTEMES DE PILE A COMBUSTIBLE AUTOCHAUFFANTS**
[72] WANG, CHAO-YANG, US
[71] EC POWER, LLC, US
[85] 2017-05-23
[86] 2016-01-21 (PCT/US2016/014310)
[87] (WO2016/118740)
[30] US (62/105,875) 2015-01-21

[21] **2,968,729**
[13] A1
[51] **Int.Cl. H01M 10/0569 (2010.01) H01M 10/052 (2010.01) H01M 2/16 (2006.01) H01M 2/18 (2006.01)**
[25] FR
[54] **ORGANIC LITHIUM BATTERY**
[54] **BATTERIE LITHIUM ORGANIQUE**
[72] LECUYER, MARGAUD, FR
[72] DESCHAMPS, MARC, FR
[72] GAUBICHER, JOEL, FR
[72] POIZOT, PHILIPPE, FR
[72] GUYOMARD, DOMINIQUE, FR
[72] LESTRIEZ, BERNARD, FR
[71] BLUE SOLUTIONS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE NANTES, FR
[85] 2017-05-24
[86] 2015-12-08 (PCT/FR2015/053371)
[87] (WO2016/092199)
[30] FR (1462165) 2014-12-10

[21] **2,968,797**
[13] A1
[51] **Int.Cl. H05B 3/12 (2006.01) C23C 4/073 (2016.01) C23C 4/11 (2016.01) A47J 37/06 (2006.01) C23C 4/08 (2016.01) F24C 7/06 (2006.01) H05B 3/06 (2006.01)**
[25] EN
[54] **THERMALLY SPRAYED RESISTIVE HEATERS AND USES THEREOF**
[54] **DISPOSITIFS DE CHAUFFAGE A RESISTANCE A PULVERISATION THERMIQUE ET LEURS UTILISATIONS**
[72] KAZANAS, ATHINODOROS CHRIS, CA
[72] MARCOUX, PIERRE, CA
[72] ABBOTT, RICHARD C., US
[71] REGAL WARE, INC., US
[85] 2017-05-24
[86] 2015-11-25 (PCT/IB2015/059126)
[87] (WO2016/084019)
[30] US (62/085,223) 2014-11-26
[30] US (62/085,224) 2014-11-26
[30] US (62/085,225) 2014-11-26

[21] **2,968,821**
[13] A1
[51] **Int.Cl. A61K 33/26 (2006.01) A61K 9/14 (2006.01) A61K 47/14 (2017.01) A61K 47/44 (2017.01) A61P 3/02 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **FLUID COMPOSITION CONTAINING A SOURCE OF IRON IN NON-IONIC FORM AND METHODS OF USE**
[54] **COMPOSITION DE FLUIDE CONTENANT UNE SOURCE DE FER SOUS FORME NON IONIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] WRZOSEK, ARTUR, PL
[72] KLYS, PIOTR, PL
[72] CIECIARA, MARIUSZ, PL
[71] WRZOSEK, ARTUR, PL
[71] KLYS, PIOTR, PL
[71] CIECIARA, MARIUSZ, PL
[85] 2017-05-24
[86] 2016-01-25 (PCT/PL2016/000008)
[87] (WO2016/118028)
[30] PL (P.411062) 2015-01-25

[21] **2,968,840**
[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01) E06B 3/66 (2006.01) E06B 7/00 (2006.01) G02F 1/163 (2006.01)**
[25] EN
[54] **SELF-CONTAINED EC IGU**
[54] **IGU EC AUTONOME**
[72] BROWN, STEPHEN C., US
[72] SHRIVASTAVA, DHAIRYA, US
[72] KLAWUHN, ERICH R., US
[72] FRANK, TREVOR, US
[72] SILKWOOD, DOUGLAS, US
[71] VIEW, INC., US
[85] 2017-05-24
[86] 2015-11-24 (PCT/US2015/062480)
[87] (WO2016/086017)
[30] US (62/085,179) 2014-11-26
[30] US (62/248,181) 2015-10-29

[21] **2,968,849**
[13] A1
[51] **Int.Cl. C08L 75/08 (2006.01) C08J 3/18 (2006.01) C08G 18/10 (2006.01)**
[25] EN
[54] **MULTI-PART POLYURETHANE COMPOSITIONS, ARTICLES THEREOF, AND METHOD OF MAKING**
[54] **COMPOSITIONS DE POLYURETHANNE EN PLUSIEURS PARTIES, ARTICLES ASSOCIES ET PROCEDE DE PREPARATION**
[72] JORDAN, RICHARD DAVID, JR., US
[72] CAUSER, MICHAEL, US
[72] DEY, TANMOY, US
[71] CYTEC INDUSTRIES INC., US
[85] 2017-05-24
[86] 2015-11-24 (PCT/US2015/062342)
[87] (WO2016/085938)
[30] US (62/084,635) 2014-11-26

[21] **2,968,859**
[13] A1
[51] **Int.Cl. H01M 2/34 (2006.01) H01M 10/42 (2006.01)**
[25] EN
[54] **RECHARGEABLE BATTERY WITH INTERNAL CURRENT LIMITER AND INTERRUPTER**
[54] **BATTERIE RECHARGEABLE AVEC LIMITEUR DE COURANT INTERNE ET INTERRUPTEUR**
[72] FAN, JIANG, US
[72] WU, DENGGUO, US
[71] AMERICAN LITHIUM ENERGY CORPORATION, US
[85] 2017-05-24
[86] 2015-11-25 (PCT/US2015/062767)
[87] (WO2016/086184)
[30] US (62/084,454) 2014-11-25
[30] US (62/114,001) 2015-02-09
[30] US (62/114,006) 2015-02-09
[30] US (62/114,007) 2015-02-09
[30] US (62/114,508) 2015-02-10
[30] US (14/714,160) 2015-05-15

[21] **2,968,894**
[13] A1
[51] **Int.Cl. C22C 21/08 (2006.01) C22C 21/00 (2006.01) C22F 1/04 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY SUITABLE FOR THE HIGH SPEED PRODUCTION OF ALUMINUM BOTTLE AND THE PROCESS OF MANUFACTURING THEREOF**
[54] **ALLIAGE D'ALUMINIUM APPROPRIE POUR LA PRODUCTION A GRANDE VITESSE D'UNE BOUTEILLE EN ALUMINIUM ET PROCEDE DE FABRICATION ASSOCIE**
[72] GO, JOHNSON, US
[72] WEN, WEI, US
[72] KANG, DAEHOON, US
[72] KADILAK, JEFFREY JOHN, US
[71] NOVELIS INC., US
[85] 2017-05-24
[86] 2015-12-18 (PCT/US2015/066638)
[87] (WO2016/100800)
[30] US (62/094,358) 2014-12-19

[21] **2,968,922**
[13] A1
[51] **Int.Cl. B60K 5/00 (2006.01) B60K 5/08 (2006.01) F41H 7/00 (2006.01) F41H 7/04 (2006.01)**
[25] EN
[54] **ROCKET MOTOR INTEGRATION**
[54] **INTEGRATION DE MOTEUR A REACTION**
[72] SLOMAN, ROGER MARK, GB
[71] ADVANCED REACTION MOTOR SYSTEMS LIMITED, GB
[85] 2017-05-25
[86] 2015-11-27 (PCT/GB2015/053627)
[87] (WO2016/083829)
[30] GB (1421208.8) 2014-11-28

[21] **2,968,930**
[13] A1
[51] **Int.Cl. F16B 13/06 (2006.01) B63B 21/26 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **SELF-BORING ANCHORING DEVICE AND METHOD OF INSTALLING SUCH AN ANCHORING DEVICE**
[54] **DISPOSITIF D'ANCRAGE A AUTO-FORAGE ET PROCEDE D'INSTALLATION D'UN TEL DISPOSITIF D'ANCRAGE**
[72] VASEY, ALAN GERARD, GB
[71] RAPTOR ANCHORING LIMITED, GB
[85] 2017-05-25
[86] 2015-12-11 (PCT/GB2015/053856)
[87] (WO2016/092322)
[30] GB (1422193.1) 2014-12-12

[21] **2,968,934**
[13] A1
[51] **Int.Cl. C08J 5/24 (2006.01) B29B 15/10 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **VINYL ESTER POWDER PRE-PREG**
[54] **PREIMPREGNE A BASE DE POUDRE D'ESTER VINYLIQUE**
[72] FOUSSARD, THIERRY, FR
[72] DARBY, PAUL, GB
[72] HERMAN, SERGE, FR
[72] DHERSIN, CHRISTINE, FR
[71] POLYNT COMPOSITES FRANCE, FR
[85] 2017-05-25
[86] 2015-11-30 (PCT/IB2015/002401)
[87] (WO2016/083896)
[30] EP (14290355.8) 2014-11-27

[21] **2,968,949**
[13] A1
[51] **Int.Cl. C09K 3/10 (2006.01) F16J 15/324 (2016.01) B30B 15/02 (2006.01) F16J 15/00 (2006.01) F16J 15/10 (2006.01) F16J 15/30 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A FLEXIBLE CARBON COMPOSITE SELF-LUBRICATING SEAL**
[54] **PROCEDE POUR FORMER UN JOINT AUTOLUBRIFIANT EN COMPOSITE CARBONE FLEXIBLE**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-05-25
[86] 2015-10-22 (PCT/US2015/056886)
[87] (WO2016/085596)
[30] US (14/553,472) 2014-11-25

[21] **2,968,956**
[13] A1
[51] **Int.Cl. F16B 12/10 (2006.01) A47B 47/00 (2006.01) A47B 96/00 (2006.01) A47C 4/02 (2006.01) F16B 3/00 (2006.01) F16B 12/22 (2006.01)**
[25] EN
[54] **FRAMELESS FURNITURE SYSTEM**
[54] **SYSTEME DE MEUBLE SANS CADRE**
[72] CRABTREE, PHILLIP C., II, US
[71] CRABTREE, PHILLIP C., II, US
[85] 2017-05-25
[86] 2015-11-13 (PCT/US2015/060595)
[87] (WO2016/085676)
[30] US (14/554,638) 2014-11-26

[21] **2,969,231**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **IDENTIFICATION, SELECTION AND USE OF HIGH CURATIVE POTENTIAL T CELL EPITOPES**
[54] **IDENTIFICATION, SELECTION ET UTILISATION D'EPITOPES DE CELLULE T A HAUT POTENTIEL CURATIF**
[72] PARENTEAU, NANCY, US
[72] LANING, JOSEPH, US
[72] YOUNG, JANET, US
[71] VERIK BIO, INC., US
[85] 2017-05-29
[86] 2015-12-03 (PCT/US2015/063810)
[87] (WO2016/090177)
[30] US (62/087,002) 2014-12-03

[21] **2,969,697**
[13] A1
[51] **Int.Cl. B08B 7/02 (2006.01) B08B 1/00 (2006.01) G02B 6/38 (2006.01)**
[25] EN
[54] **OSCILLATING FIBER OPTIC CLEANING TOOL**
[54] **OUTIL DE NETTOYAGE DE FIBRES OPTIQUES A OSCILLATION**
[72] FORREST, EDWARD J., JR., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-02
[86] 2015-12-04 (PCT/US2015/064037)
[87] (WO2016/094251)
[30] US (62/090,638) 2014-12-11
[30] US (14/931,130) 2015-11-03

[21] **2,969,729**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING NON-INVASIVE NEUROREHABILITATION OF A PATIENT**
[54] **SYSTEMES ET METHODES PERMETTANT LA MISE EN PLACE D'UNE NEURO-REEDUCATION NON-INVASIVE CHEZ UN PATIENT**
[72] GUARRAIA, MARK, US
[72] MURATORI, ADAM, US
[72] FISK, JUSTIN, US
[72] PETRIE, AIDAN, US
[72] WALLACE, JEFFREY M., US
[72] MORANG, JEFFREY C., US
[72] SABOURIN, RICHARD W., US
[72] FEARIS, PAUL, US
[72] SMITH, DANIEL P., US
[71] NEUROHABILITATION CORPORATION, US
[85] 2017-06-02
[86] 2015-11-30 (PCT/US2015/062950)
[87] (WO2016/089751)
[30] US (14/558,768) 2014-12-03
[30] US (14/558,775) 2014-12-03
[30] US (14/558,784) 2014-12-03
[30] US (14/727,100) 2015-06-01

[21] **2,969,731**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **DEVICES FOR DELIVERING NON-INVASIVE NEUROMODULATION TO A PATIENT**
[54] **DISPOSITIFS D'ADMINISTRATION D'UNE NEUROMODULATION NON INVASIVE A UN PATIENT**
[72] FISK, JUSTIN, US
[72] GORDON, JOSEPH M., US
[72] GUARRAIA, MARK, US
[72] MURATORI, ADAM, US
[72] WALLACE, JEFFREY M., US
[72] PETRIE, AIDAN, US
[72] DAVID-HEGERICH, FAITH, US
[72] SIWINSKI, SHANE, US
[72] MORANG, JEFFREY C., US
[72] TULLOCH, JENNIFER, US
[71] NEUROHABILITATION CORPORATION, US
[85] 2017-06-02
[86] 2015-11-30 (PCT/US2015/062953)
[87] (WO2016/089752)
[30] US (14/558,787) 2014-12-03
[30] US (14/559,045) 2014-12-03
[30] US (14/558,789) 2014-12-03

[21] **2,969,741**
[13] A1
[51] **Int.Cl. G06F 11/14 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **VOLUME-LEVEL REDUNDANCY CODING TECHNIQUES FOR SEQUENTIAL TRANSFER OPTIMIZED STORAGE DEVICES**
[54] **TECHNIQUES DE CODAGE DE REDONDANCE DE NIVEAU DE VOLUME POUR DISPOSITIFS DE STOCKAGE OPTIMISES A TRANSFERT SEQUENTIEL**
[72] DONLAN, BRYAN JAMES, US
[72] FRANKLIN, PAUL DAVID, US
[72] SUVER, CLAIRE ELIZABETH, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-06-02
[86] 2015-12-14 (PCT/US2015/065640)
[87] (WO2016/100238)
[30] US (14/578,130) 2014-12-19

[21] **2,969,812**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/455 (2006.01)**
[25] EN
[54] **AUTOMATIC MANAGEMENT OF RESOURCE SIZING**
[54] **GESTION AUTOMATIQUE DE DIMENSIONNEMENT DE RESSOURCES**
[72] REQUE, SEAN PHILIP, US
[72] MANWARING, DEREK STEVEN, US
[72] THOMAS, DYLAN CHANDLER, US
[72] WAGNER, TIMOTHY ALLEN, US
[72] ZHAO, XIN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-06-02
[86] 2015-12-04 (PCT/US2015/064071)
[87] (WO2016/090292)
[30] US (14/562,577) 2014-12-05

[21] **2,970,035**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) A61B 3/113 (2006.01)**
[25] EN
[54] **GAZE BASED TEXT INPUT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SAISIE DE TEXTE FONDEE SUR LE REGARD**
[72] KRISTENSSON, PER OLA, GB
[72] VERTANEN, KEITH, US
[72] MJELDE, MORTEN, NO
[71] TOBII AB, US
[71] KRISTENSSON, PER OLA, GB
[71] VERTANEN, KEITH, US
[71] MJELDE, MORTEN, NO
[85] 2017-03-02
[86] 2015-09-02 (PCT/US2015/048154)
[87] (WO2016/036862)
[30] US (62/044,817) 2014-09-02

[21] **2,970,040**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **BUILDING REPORTS**
[54] **RAPPORTS DE CONSTRUCTION**
[72] RADIVOJEVIC, DUSAN, US
[72] MOSS, PETER, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-06-06
[86] 2015-12-17 (PCT/US2015/066335)
[87] (WO2016/100641)
[30] US (62/093,666) 2014-12-18
[30] US (14/717,633) 2015-05-20

[21] **2,970,147**
[13] A1
[51] **Int.Cl. A44C 5/22 (2006.01) A44C 5/00 (2006.01) A44C 15/00 (2006.01) A44C 27/00 (2006.01)**
[25] EN
[54] **SLIDING ELEMENT FOR ADJUSTABLE JEWELRY**
[54] **ELEMENT COULISSANT DESTINE A UN BIJOU REGLABLE**
[72] RAFAELIAN, CAROLYN A., US
[71] ALEX AND ANI, LLC, US
[85] 2017-06-07
[86] 2015-12-08 (PCT/US2015/064476)
[87] (WO2016/094394)
[30] US (14/568,326) 2014-12-12

[21] **2,970,165**
[13] A1
[51] **Int.Cl. D06M 15/564 (2006.01) D06M 15/263 (2006.01) D06P 5/28 (2006.01)**
[25] EN
[54] **BINDER COMPOSITION FOR SUBLIMATION PRINTING OF NATURAL FIBERS**
[54] **COMPOSITION LIANTE DESTINEE A SUBLIMER L'IMPRESSION DE FIBRES NATURELLES**
[72] LEE, KWAN BYUNG, KR
[71] LEE, KWAN BYUNG, KR
[85] 2017-06-07
[86] 2015-12-11 (PCT/KR2015/013629)
[87] (WO2016/093670)
[30] US (14/568,322) 2014-12-12

[21] **2,970,267**
[13] A1
[51] **Int.Cl. A43B 1/04 (2006.01) A43B 9/12 (2006.01) A43B 17/02 (2006.01) A43B 23/04 (2006.01) A43D 11/00 (2006.01) D04C 1/06 (2006.01) D04C 3/40 (2006.01)**
[25] EN
[54] **BRAIDED ARTICLE WITH INTERNAL MIDSOLE STRUCTURE**
[54] **ARTICLE TRESSE A STRUCTURE DE SEMELLE INTERCALAIRE INTERNE**
[72] BRUCE, ROBERT M., US
[72] LEE, EUN KYUNG, US
[72] SILLS, CRAIG K., US
[71] NIKE INNOVATE C.V., US
[85] 2017-06-08
[86] 2015-10-16 (PCT/US2015/055868)
[87] (WO2016/093954)
[30] US (14/565,598) 2014-12-10

[21] **2,970,309**
[13] A1
[51] **Int.Cl. A42B 3/08 (2006.01) A42B 3/12 (2006.01) A42B 7/00 (2006.01)**
[25] EN
[54] **CORD LOCK FIT SYSTEM FOR A HELMET**
[54] **SYSTEME D'AJUSTEMENT DE BLOCAGE DE CORDON POUR UN CASQUE**
[72] MUSAL, MICHAEL J., US
[72] EASTWOOD, MARK, US
[71] BELL SPORTS, INC., US
[85] 2017-06-08
[86] 2015-12-10 (PCT/US2015/065081)
[87] (WO2016/094713)
[30] US (62/090,195) 2014-12-10
[30] US (14/965,644) 2015-12-10

[21] **2,970,310**
[13] A1
[51] **Int.Cl. G06F 21/44 (2013.01) G06F 21/62 (2013.01) G06F 21/78 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SECURE STORAGE**
[54] **STOCKAGE SECURISE**
[72] WHITE, JOHNATHAN GEORGE, GB
[72] JUNG, SEUNGSUB, GB
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
[85] 2017-06-08
[86] 2015-12-10 (PCT/US2015/065083)
[87] (WO2016/100095)
[30] US (62/091,909) 2014-12-15
[30] US (62/101,772) 2015-01-09

[21] **2,970,314**
[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01) D21H 17/70 (2006.01) D21H 21/14 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A CREPING PAPER AND THE CREPING PAPER THEREOF**
[54] **PROCEDE DE PRODUCTION DE PAPIER DE CREPAGE, ET PAPIER DE CREPAGE DE CELUI-CI**
[72] CHOI, DOEUNG DAVID, US
[72] SHAROYAN, DAVIT E, US
[72] TUNELL, JEFFREY ALLAN, US
[71] SOLENIS TECHNOLOGIES, L.P., CH
[85] 2017-06-08
[86] 2015-12-11 (PCT/US2015/065157)
[87] (WO2016/094754)
[30] US (62/091,218) 2014-12-12

[21] **2,970,334**
[13] A1
[51] **Int.Cl. G06T 5/00 (2006.01) G06T 5/10 (2006.01) G06T 5/50 (2006.01)**
[25] EN
[54] **FULL MOTION COLOR VIDEO ATMOSPHERIC TURBULENCE CORRECTION PROCESSING**
[54] **TRAITEMENT DE CORRECTION DE TURBULENCE ATMOSPHERIQUE DE VIDEO EN COULEUR ANIMEE PLEIN ECRAN**
[72] FLUCKIGER, DAVID U., US
[72] BEARDSLEY, CHRISTOPHER J., US
[72] FRANKLIN, CRAIG R., US
[71] RAYTHEON COMPANY, US
[85] 2017-06-07
[86] 2015-04-27 (PCT/US2015/027847)
[87] (WO2016/175751)

[21] **2,970,438**
[13] A1
[51] **Int.Cl. B01D 47/10 (2006.01) C02F 1/04 (2006.01) C05C 9/00 (2006.01) C07C 273/02 (2006.01)**
[25] EN
[54] **REMOVAL OF DUST IN UREA FINISHING**
[54] **EXTRACTION DE POUSSIERE AU STADE FINAL DE LA PRODUCTION D'UREE**
[72] DOHERTY, CAIN CHRISTOPHER, NL
[72] SCHOENMAKERS, ALOYSIUS MECHTELDIS EMMANUEL, NL
[71] STAMICARBON B.V., NL
[85] 2017-06-09
[86] 2015-12-17 (PCT/NL2015/050873)
[87] (WO2016/099267)
[30] EP (14199372.5) 2014-12-19

[21] **2,970,479**
[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A VALUE OF COMMERCIAL REAL ESTATE**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER UNE VALEUR D'UN BIEN REEL COMMERCIAL**
[72] GHOSH, DEBASHIS, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-06-09
[86] 2015-12-09 (PCT/US2015/064799)
[87] (WO2016/094563)
[30] US (14/564,440) 2014-12-09

[21] **2,970,701**
[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/06 (2006.01) F04B 39/16 (2006.01) F24F 3/14 (2006.01)**
[25] EN
[54] **DRYER FOR COMPRESSED GAS, COMPRESSOR INSTALLATION PROVIDED WITH SUCH A DRYER AND METHOD FOR DRYING GAS**
[54] **SECHOIR POUR GAZ COMPRIME, INSTALLATION DE COMPRESSEUR EQUIPEE D'UN TEL SECHOIR ET PROCEDE DE SECHAGE D'UN GAZ**
[72] VAN MINNEBRUGGEN, EWAN, BE
[72] VERTRIEST, DANNY, BE
[72] CEYSSENS, TIM, BE
[72] HELLEMANS, GEERT, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2017-06-12
[86] 2015-04-28 (PCT/BE2015/000016)
[87] (WO2016/094968)
[30] BE (2014/0843) 2014-12-16

[21] **2,970,952**
[13] A1
[51] **Int.Cl. A61K 8/11 (2006.01) A61K 8/27 (2006.01) A61K 8/34 (2006.01) A61K 8/67 (2006.01) A61K 8/73 (2006.01) A61Q 13/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **ANHYDROUS COSMETIC COMPOSITION FOR TOPICAL APPLICATION**
[54] **COMPOSITION COSMETIQUE ANHYDRE POUR APPLICATION TOPIQUE**
[72] SCAVONE, TIMOTHY ALAN, US
[72] AVILES, MISAEL OMAR, US
[72] DUVAL, DEAN LARRY, US
[72] ELLINGSON, PETER CHRISTOPHER, US
[72] GRAY, BRIAN FRANCIS, US
[72] KARAPASHA, NANCY, US
[72] STONE, KEITH JOSEPH, US
[72] WARREN, RAPHAEL, US
[72] BRESLIN, NERY VANESA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-14
[86] 2015-12-18 (PCT/US2015/066658)
[87] (WO2016/100809)
[30] US (62/093,670) 2014-12-18
[30] US (62/093,678) 2014-12-18
[30] US (62/251,786) 2015-11-06

[21] **2,971,610**
[13] A1
[51] **Int.Cl. A47L 9/06 (2006.01) A47L 9/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER ATTACHMENT WITH FLOATING CLEANING ELEMENT AND SURFACE CLEANING APPARATUS INCLUDING THE SAME**
[54] **ACCESSOIRE D'ASPIRATEUR DOTE D'UN ELEMENT DE NETTOYAGE FLOTTANT ET APPAREIL DE NETTOYAGE DE SURFACE COMPRENANT CELUI-CI**
[72] BURKE, BRIAN, US
[72] LIBERIS, WILLIAM, US
[72] THORNE, JASON B., US
[72] CAI, CHARLIE, CN
[72] HUTCHINSON, PETER, CN
[72] BROWN, ANDRE DAVID, GB
[72] XU, KAI, CN
[72] BOND, BRIAN M., US
[71] SHARKNINJA OPERATING LLC, US
[85] 2017-06-19
[86] 2015-12-21 (PCT/US2015/067006)
[87] (WO2016/100964)
[30] US (62/094,118) 2014-12-19
[30] US (62/214,034) 2015-09-03

[21] **2,971,611**
[13] A1
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 9/30 (2006.01) A61K 9/34 (2006.01)**
[25] EN
[54] **ENTERIC FILM COATING COMPOSITIONS, METHOD OF COATING, AND COATED FORMS**
[54] **COMPOSITION DE PELLICULAGE ENTERIQUE, PROCEDE D'ENROBAGE, ET FORMES ENROBEES**
[72] YANG, HUI S., US
[72] MA, HUA, US
[72] SESTRICK, MICHAEL, US
[71] FMC CORPORATION, US
[85] 2017-06-19
[86] 2015-12-22 (PCT/US2015/067370)
[87] (WO2016/106315)
[30] US (62/124,590) 2014-12-23

[21] **2,971,613**
[13] A1
[51] **Int.Cl. F21V 13/08 (2006.01)**
[25] EN
[54] **LIGHT PROJECTOR USING AN ACOUSTO-OPTICAL CONTROL DEVICE**
[54] **PROJECTEUR DE LUMIERE UTILISANT UN DISPOSITIF DE COMMANDE ACOUSTO-OPTIQUE**
[72] GRATA, JEREMY A., US
[72] WELCH, HUDSON, US
[72] HUSSEIN, MARWAN, US
[71] MAGIC LEAP, INC., US
[85] 2017-06-19
[86] 2015-12-29 (PCT/US2015/067957)
[87] (WO2016/109599)
[30] US (62/097,563) 2014-12-29

[21] **2,971,659**
[13] A1
[51] **Int.Cl. A47L 5/12 (2006.01) A47L 9/04 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR VERTICAL**
[72] HU, WEI, CN
[72] ZOU, HUI, CN
[72] XIAO, XIAHU, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-20
[86] 2016-03-04 (PCT/CN2016/075610)
[87] (WO2017/096721)
[30] CN (201510917499.7) 2015-12-10
[30] CN (201521029002.X) 2015-12-10
[30] CN (201510917466.2) 2015-12-10
[30] CN (201521028726.2) 2015-12-10
[30] CN (201510917497.8) 2015-12-10
[30] CN (201521028730.9) 2015-12-10
[30] CN (201521029087.1) 2015-12-10
[30] CN (201510918662.1) 2015-12-10
[30] CN (201521028812.3) 2015-12-10
[30] CN (201510918544.0) 2015-12-10
[30] CN (201521028739.X) 2015-12-10
[30] CN (201510918580.7) 2015-12-10
[30] CN (201521027156.5) 2015-12-10
[30] CN (201510917498.2) 2015-12-10
[30] CN (201521027158.4) 2015-12-10
[30] CN (201521028814.2) 2015-12-10
[30] CN (201521028779.4) 2015-12-10
[30] CN (201521029798.9) 2015-12-10
[30] CN (201510918541.7) 2015-12-10
[30] CN (201521027550.9) 2015-12-10
[30] CN (201510917653.0) 2015-12-10
[30] CN (201521028784.5) 2015-12-10
[30] CN (201510917528.X) 2015-12-10
[30] CN (201521028913.0) 2015-12-10
[30] CN (201521030034.1) 2015-12-10
[30] CN (201610114861.1) 2016-03-01
[30] CN (201620155481.8) 2016-03-01

[21] **2,971,677**
[13] A1
[51] **Int.Cl. C07C 227/16 (2006.01) A61K 39/245 (2006.01) A61P 31/22 (2006.01) C07C 229/02 (2006.01) C07C 321/12 (2006.01) C07K 1/02 (2006.01) C07K 14/05 (2006.01)**
[25] EN
[54] **AMINO ACID AND PEPTIDE CONJUGATES AND USES THEREOF**
[54] **CONJUGUES D'ACIDES AMINES ET DE PEPTIDES ET LEURS UTILISATIONS**
[72] BRIMBLE, MARGARET ANNE, NZ
[72] DUNBAR, PETER RODERICK, NZ
[72] WILLIAMS, GEOFFREY MARTYN, NZ
[72] VERDON, DANIEL, NZ
[71] BRIMBLE, MARGARET ANNE, NZ
[71] DUNBAR, PETER RODERICK, NZ
[71] WILLIAMS, GEOFFREY MARTYN, NZ
[71] VERDON, DANIEL, NZ
[85] 2017-06-20
[86] 2015-12-22 (PCT/IB2015/059901)
[87] (WO2016/103192)
[30] US (62/096,106) 2014-12-23

[21] **2,971,682**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/06 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01) C21C 7/00 (2006.01) C21C 7/04 (2006.01)**
[25] EN
[54] **NON-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS NON ORIENTES ET SON PROCEDE DE FABRICATION**
[72] NAKANISHI, TADASHI, JP
[72] NAKAJIMA, HIROAKI, JP
[72] OKUBO, TOMOYUKI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-06-20
[86] 2015-11-17 (PCT/JP2015/082191)
[87] (WO2016/111088)
[30] JP (2015-001531) 2015-01-07
[30] JP (2015-204268) 2015-10-16

[21] **2,971,685**
[13] A1
[51] **Int.Cl. G01N 21/3563 (2014.01) D21H 11/14 (2006.01)**
[25] EN
[54] **METHODS FOR SORTING PRINTED MATERIALS AND METHODS FOR MAKING PAPER USING THE PRINTED MATERIALS**
[54] **PROCEDE DE TRI DE MATIERE IMPRIMEE, ET PROCEDE DE FABRICATION DE PAPIER A L'AIDE DE MATIERE IMPRIMEE**
[72] FUKUOKA, MOE, JP
[72] GOTO, SHISEI, JP
[72] TOYOTA, KAZUMASA, JP
[72] HIRABARU, CHIKA, JP
[72] TAKATA, MICHIYOSHI, JP
[72] OTSUHATA, TAKANORI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2017-06-20
[86] 2015-12-25 (PCT/JP2015/086172)
[87] (WO2016/104675)
[30] JP (2014-263764) 2014-12-26

[21] **2,971,687**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING BRAIN DISEASES**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE MALADIES CEREBRALES**
[72] DAVIDSON, BEVERLY L., US
[72] LEE, JOHN H., US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2017-06-16
[86] 2015-12-30 (PCT/US2015/068034)
[87] (WO2016/109649)
[30] US (62/098,085) 2014-12-30

[21] **2,971,688**
[13] A1
[51] **Int.Cl. C10B 53/00 (2006.01) B09B 3/00 (2006.01) C10B 49/02 (2006.01) C10J 3/00 (2006.01) C10J 3/66 (2006.01)**
[25] EN
[54] **CARBONIZING FURNACE, PYROLYTIC FURNACE, WATER GAS GENERATION SYSTEM, HYDROGEN GAS GENERATION SYSTEM, AND POWER GENERATION SYSTEM**
[54] **FOUR DE CARBONISATION, FOUR PYROLYTIQUE, SYSTEME DE GENERATION DE GAZ A L'EAU, SYSTEME DE GENERATION D'HYDROGENE GAZEUX ET SYSTEME DE GENERATION D'ENERGIE**
[72] IIJIMA, MITSUYUKI, JP
[72] SATO, HIDEO, JP
[71] TAKAHASHI SEISAKUSHO INC., JP
[85] 2017-06-20
[86] 2015-12-18 (PCT/JP2015/085517)
[87] (WO2016/104371)
[30] JP (2014-261403) 2014-12-24

[21] **2,971,689**
[13] A1
[51] **Int.Cl. A61K 31/7084 (2006.01) A61K 9/08 (2006.01) A61K 47/18 (2017.01) A61P 27/02 (2006.01) A61P 27/04 (2006.01) G02C 13/00 (2006.01)**
[25] EN
[54] **AQUEOUS OPHTHALMIC SOLUTION**
[54] **SOLUTION OPHTALMIQUE AQUEUSE**
[72] INAGAKI, KOJI, JP
[72] MATSUMOTO, NAOKI, JP
[72] OGAWA, TOSHIHIRO, JP
[72] WAKABAYASHI, YUKIHISA, JP
[72] KAMIMURA, ASUKA, JP
[72] OSHITA, YOSHIHIRO, JP
[72] NAKAZAWA, HITOSHI, JP
[72] MATSUOKA, ISAO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2017-06-20
[86] 2015-12-25 (PCT/JP2015/086230)
[87] (WO2016/104704)
[30] JP (2014-263003) 2014-12-25
[30] JP (2015-114595) 2015-06-05

[21] **2,971,695**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **MACROSCOPIC DRILL BIT REINFORCEMENT**
[54] **RENFORT DE TREPAN MACROSCOPIQUE**
[72] COOK, GRANT O., III, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-20
[86] 2015-03-05 (PCT/US2015/018937)
[87] (WO2016/140675)

[21] **2,971,697**
[13] A1
[51] **Int.Cl. H01M 4/96 (2006.01) H01M 12/06 (2006.01) H01M 12/08 (2006.01)**
[25] EN
[54] **ELECTRODE FOR METAL-AIR BATTERY**
[54] **ELECTRODE POUR BATTERIE METAL-AIR**
[72] TADOKORO, KENICHIRO, JP
[72] NEGI, NORIYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-06-20
[86] 2015-12-24 (PCT/JP2015/086059)
[87] (WO2016/104625)
[30] JP (2014-266528) 2014-12-26
[30] JP (2014-266529) 2014-12-26

[21] **2,971,699**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **DIFFERENTIAL FILL VALVE ASSEMBLY FOR CASED HOLE**
[54] **ENSEMBLE DE VANNE DE REMPLISSAGE DIFFERENTIELLE POUR TROU TUBE**
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-20
[86] 2015-02-20 (PCT/US2015/016846)
[87] (WO2016/133539)

[21] **2,971,702**
[13] A1
[51] **Int.Cl. E04F 10/08 (2006.01) E04B 7/16 (2006.01) E04H 15/18 (2006.01) E04H 15/54 (2006.01)**
[25] EN
[54] **PERGOLA COVER**
[54] **REVETEMENT DE PERGOLA**
[72] IVIC, MICHAEL, US
[71] IVIC, MICHAEL, US
[85] 2017-06-20
[86] 2015-11-10 (PCT/US2015/059844)
[87] (WO2016/099712)
[30] US (14/578,426) 2014-12-20

[21] **2,971,703**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 33/13 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **SENSOR COIL FOR INCLUSION IN AN RFID SENSOR ASSEMBLY**
[54] **BOBINE DE CAPTEUR A INSERER DANS UN ENSEMBLE CAPTEUR RFID**
[72] ROBERSON, MARK W., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-20
[86] 2015-02-27 (PCT/US2015/017935)
[87] (WO2016/137480)

[21] **2,971,706**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **METHOD TO OPTIMIZE OILFIELD OPERATIONS BASED ON LARGE AND COMPLEX DATA SETS**
[54] **PROCEDE POUR OPTIMISER DES OPERATIONS DE CHAMP PETROLIFERE SUR LA BASE D'ENSEMBLES DE DONNEES GRANDS ET COMPLEXES**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[72] XUE, YUZHEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-20
[86] 2015-03-05 (PCT/US2015/018947)
[87] (WO2016/140676)

[21] **2,971,709**
[13] A1
[51] **Int.Cl. H01B 17/30 (2006.01)**
[25] EN
[54] **ELECTRIC BUSHINGS HAVING INSULATION MEDIUM RETENTION SEALS**
[54] **TRAVERSEES ELECTRIQUES A JOINTS DE RETENUE DE MILIEU ISOLANT**
[72] WEATHERBEE, ERIC RALPH, US
[72] MCNULTY, ANDREW VICTOR, US
[72] ZHANG, SHIBAO, US
[72] KO, CHUNGDUCK, US
[71] HUBBELL INCORPORATED, US
[85] 2017-05-03
[86] 2015-11-20 (PCT/US2015/061802)
[87] (WO2016/081817)
[30] US (62/082,370) 2014-11-20

[21] **2,971,716**
[13] A1
[51] **Int.Cl. A61K 36/87 (2006.01)**
[25] EN
[54] **GRAPE PRODUCTS FOR NONALCOHOLIC FATTY LIVER DISEASE AND OTHER USES**
[54] **PRODUITS A BASE DE RAISIN POUR UNE MALADIE DU FOIE GRAS NON ALCOOLIQUE ET AUTRES UTILISATIONS**
[72] ARVIK, TOREY JAMES, US
[72] KIM, HYUNSOOK, US
[72] YOKOYAMA, WALLACE H., US
[72] FORSBERG, SCOTT R., US
[71] SONOMACEUTICALS, LLC, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2017-06-20
[86] 2015-12-18 (PCT/US2015/066585)
[87] (WO2016/100774)
[30] US (62/094,963) 2014-12-20

[21] **2,971,717**
[13] A1
[51] **Int.Cl. H01L 33/62 (2010.01) F21V 29/70 (2015.01)**
[25] EN
[54] **IMPROVED EFFICIENCY LIGHTING APPARATUS WITH LED DIRECTLY MOUNTED TO A HEATSINK**
[54] **APPAREIL D'ECLAIRAGE A EFFICACITE AMELIOREE POURVU D'UNE DEL MONTEE DIRECTEMENT SUR UN DISSIPATEUR THERMIQUE**
[72] MAGLICA, ANTHONY, US
[71] MAG INSTRUMENT INC., US
[85] 2017-06-20
[86] 2015-12-16 (PCT/US2015/066201)
[87] (WO2016/106053)
[30] US (62/095,733) 2014-12-22

[21] **2,971,718**
[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 47/00 (2012.01) G01V 8/02 (2006.01)**
[25] EN
[54] **CLASSIFYING PARTICLE SIZE AND SHAPE DISTRIBUTION IN DRILLING FLUIDS**
[54] **CLASSIFICATION D'UNE DISTRIBUTION DE TAILLE ET DE FORME DES PARTICULES DANS DES FLUIDES DE FORAGE**
[72] ROWE, MATHEW DENNIS, US
[72] GOSNEY, JON TROY, US
[72] BRITTON, CHARLES CUTLER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-20
[86] 2015-03-12 (PCT/US2015/020165)
[87] (WO2016/133549)
[30] US (62/118,586) 2015-02-20

[21] **2,971,719**
[13] A1
[51] **Int.Cl. C07D 239/47 (2006.01)**
[25] EN
[54] **5-FLUORO-4-IMINO-3-(ALKYL/SUBSTITUTED ALKYL)-1-(ARYLSULFONYL)-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE AS A SEED TREATMENT**
[54] **5-FLUORO-4-IMINO-3-(ALKYLE/ALKYLE SUBSTITUE)-1-(ARYLSULFONYL)-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE EN TANT QUE TRAITEMENT DES SEMENCES**
[72] KLITTICH, CARLA J.R., US
[72] YAO, CHENGLIN, US
[72] OWEN, W. JOHN, US
[71] ADAMA MAKHTESHIM LTD., IL
[85] 2017-06-20
[86] 2015-12-18 (PCT/US2015/066756)
[87] (WO2016/106138)
[30] US (62/096,301) 2014-12-23

[21] **2,971,720**
[13] A1
[51] **Int.Cl. B62H 1/12 (2006.01)**
[25] EN
[54] **REAL-TIME RETRACTABLE TRAINING WHEELS SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE ROUES STABILISATRICES RETRACTABLES EN TEMPS REEL**
[72] ROBERTSON, PEYTON WEBB, US
[71] ROBERTSON, PEYTON WEBB, US
[85] 2017-06-20
[86] 2015-06-30 (PCT/US2015/038577)
[87] (WO2016/105599)
[30] US (14/580,538) 2014-12-23

[21] **2,971,722**
[13] A1
[51] **Int.Cl. F16K 31/02 (2006.01) E03C 1/05 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **SENSOR-OPERATED PULL-OUT FAUCET**
[54] **ROBINET TELESCOPIQUE ACTIONNE PAR CAPTEUR**
[72] LI, HSIAO CHANG, US
[72] SEGGIO, FRANK, US
[71] AS IP HOLDCO, LLC, US
[85] 2017-06-20
[86] 2015-12-22 (PCT/US2015/067426)
[87] (WO2016/106339)
[30] US (62/096,045) 2014-12-23

[21] **2,971,728**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A45D 34/04 (2006.01) A61H 15/02 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TREATING THE SKIN USING A ROLLERBALL OR A WICKING MEMBER**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DE LA PEAU A L'AIDE D'UNE BILLE OU D'UN ELEMENT A MECHE**
[72] IGNON, ROGER, US
[72] NICOLAS, ED, F., US
[71] EDGE SYSTEMS LLC, US
[85] 2017-06-20
[86] 2015-12-22 (PCT/US2015/067531)
[87] (WO2016/106396)
[30] US (62/096,493) 2014-12-23
[30] US (62/235,479) 2015-09-30

[21] **2,971,729**
[13] A1
[51] **Int.Cl. C07D 273/04 (2006.01) A61K 31/4245 (2006.01) A61K 31/5395 (2006.01) A61K 31/551 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 271/07 (2006.01) C07D 273/06 (2006.01)**
[25] EN
[54] **CREATINE PRODRUGS, COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **PROMEDICAMENTS DE LA CREATINE, COMPOSITIONS EN CONTENANT ET LEURS PROCEDES D'UTILISATION**
[72] BRUBAKER, WILLIAM F., US
[71] FARMINGTON PHARMA DEVELOPMENT, US
[85] 2017-06-20
[86] 2015-12-22 (PCT/US2015/067283)
[87] (WO2016/106284)
[30] US (62/095,295) 2014-12-22

[21] **2,971,732**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES TO TIGIT**
[54] **ANTICORPS CONTRE TIGIT**
[72] MAURER, MARK F., US
[72] CHEN, TSENG-HUI TIMOTHY, US
[72] DEVAUX, BRIGITTE, US
[72] SRINIVASAN, MOHAN, US
[72] JULIEN, SUSAN H., US
[72] SHEPPARD, PAUL O., US
[72] ARDOUREL, DANIEL F., US
[72] CHAKRABORTY, INDRANI, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-06-20
[86] 2015-12-22 (PCT/US2015/067332)
[87] (WO2016/106302)
[30] US (62/096,267) 2014-12-23

[21] **2,971,736**
[13] A1
[51] **Int.Cl. H01B 7/295 (2006.01) C08K 13/02 (2006.01) H01B 13/24 (2006.01)**
[25] EN
[54] **MULTI-LAYER CABLES**
[54] **CABLES MULTICOUCHES**
[72] BATES, ERIC W., US
[72] RANGANATHAN, SATHISH KUMAR, US
[72] WATERS, TIMOTHY ALLEN, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2017-06-20
[86] 2015-12-29 (PCT/US2015/067897)
[87] (WO2016/109560)
[30] US (62/098,043) 2014-12-30

[21] **2,971,739**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/12 (2006.01) B23K 9/127 (2006.01) B23K 37/02 (2006.01)**
[25] EN
[54] **AUTOMATED WELDING TRANSLATION PLATFORM**
[54] **PLATEFORME DE TRANSLATION DE SOUDAGE AUTOMATIQUE**
[72] PESME, FRANCOIS, US
[72] HSU, CHRISTOPHER, US
[72] WATSON, WILLIAM TODD, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-20
[86] 2015-12-29 (PCT/US2015/067931)
[87] (WO2016/111889)
[30] US (62/100,531) 2015-01-07
[30] US (14/978,141) 2015-12-22

[21] **2,971,740**
[13] A1
[51] **Int.Cl. G06Q 10/02 (2012.01)**
[25] EN
[54] **LABOR MARKETPLACE EXCHANGE COMPUTING SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES INFORMATIQUES D'ECHANGE SUR UNE PLACE DE MARCHE DE MAIN-D'□UVRE**
[72] CATINO, THEODORE A., US
[72] CATINO, BEVERLY A., US
[72] CATINO, MITCHELL A., US
[71] GIGSMART, LLC, US
[85] 2017-06-20
[86] 2015-12-30 (PCT/US2015/068094)
[87] (WO2016/111898)
[30] US (62/100,211) 2015-01-06

[21] **2,971,745**
[13] A1
[51] **Int.Cl. G01G 19/00 (2006.01) E02F 9/26 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF CALCULATING A PAYLOAD WEIGHT**
[54] **SYSTEME ET PROCEDE DE CALCUL DE POIDS DE CHARGE UTILE**
[72] LESLIE, BRUCE ALEXANDER, AU
[72] HILLIER, NICHOLAS SIMON, AU
[71] CQMS PTY LTD, AU
[85] 2017-06-21
[86] 2014-12-24 (PCT/AU2014/050448)
[87] (WO2016/101001)

[21] **2,971,747**
[13] A1
[51] **Int.Cl. G01G 19/00 (2006.01) E02F 9/26 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF CALCULATING A PAYLOAD WEIGHT**
[54] **SYSTEME ET PROCEDE DE CALCUL DE POIDS DE CHARGE UTILE**
[72] LESLIE, BRUCE ALEXANDER, AU
[72] HILLIER, NICHOLAS SIMON, AU
[72] ANDREWS, DAVID CLINTON, AU
[71] CQMS PTY LTD, AU
[85] 2017-06-21
[86] 2014-12-24 (PCT/AU2014/050449)
[87] (WO2016/101002)

[21] **2,971,748**
[13] A1
[51] **Int.Cl. E02F 9/26 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF ESTIMATING FATIGUE IN A LIFTING MEMBER**
[54] **SYSTEME ET PROCEDE D'ESTIMATION DE FATIGUE DANS UN ELEMENT DE LEVAGE**
[72] LESLIE, BRUCE ALEXANDER, AU
[72] ANDREWS, DAVID CLINTON, AU
[71] CQMS PTY LTD, AU
[85] 2017-06-21
[86] 2014-12-24 (PCT/AU2014/050450)
[87] (WO2016/101003)

[21] **2,971,749**
[13] A1
[51] **Int.Cl. C25B 11/06 (2006.01) B01J 37/02 (2006.01) B01J 37/12 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **ELECTROCATALYTIC FILMS COMPRISING AMORPHOUS METALS OR METAL-OXIDES PREPARED USING NEAR-INFRARED DECOMPOSITION OF PRECURSORS**
[54] **FILMS ELECTROCATALYTIQUES COMPRENANT DES METAUX OU OXYDES METALLIQUES AMORPHES PREPARES PAR DECOMPOSITION DE PRECURSEURS PAR UN RAYONNEMENT DANS LE PROCHE INFRAROUGE**
[72] BERLINGUETTE, CURTIS, CA
[72] HUDKINS, JESSE, CA
[72] DETTLEBACH, KEVAN, CA
[72] SALVATORE, DANIELLE, CA
[71] CLICK MATERIALS CORP., CA
[85] 2017-06-21
[86] 2015-12-21 (PCT/CA2015/051354)
[87] (WO2016/101067)
[30] US (62/095,123) 2014-12-22

[21] **2,971,750**
[13] A1
[51] **Int.Cl. G01G 19/08 (2006.01) E02F 9/26 (2006.01) G08G 1/01 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF IDENTIFYING A PAYLOAD DESTINATION**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE DESTINATION DE CHARGE UTILE**
[72] LESLIE, BRUCE ALEXANDER, AU
[72] STOODLEY, MICHAEL, AU
[71] CQMS PTY LTD, AU
[85] 2017-06-21
[86] 2014-12-24 (PCT/AU2014/050451)
[87] (WO2016/101004)

[21] **2,971,752**
[13] A1
[51] **Int.Cl. C07D 409/10 (2006.01) A61P 3/10 (2006.01) A61P 25/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **CRYSTAL FORM I OF CANAGLIFLOZIN AND PREPARATION METHOD THEREOF**
[54] **FORME CRISTALLINE I DE LA CANAGLIFLOZINE ET PROCEDE DE PREPARATION DE CELLE-CI**
[72] WANG, FEI, CN
[72] ZHANG, JIAN, CN
[72] LIN, MENG, CN
[72] TANG, YUANFU, CN
[72] CHEN, HAO, CN
[72] LEI, HUANGSHU, CN
[71] CHONGQING PHARMACEUTICAL INDUSTRIAL RESEARCH INSTITUTE CO., LTD, CN
[85] 2017-06-21
[86] 2015-03-27 (PCT/CN2015/075180)
[87] (WO2016/101432)
[30] CN (201410820560.1) 2014-12-25

[21] **2,971,756**
[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **ARRAY OF WEARABLE ARTICLES**
[54] **ENSEMBLE D'ARTICLES VESTIMENTAIRES**
[72] MORIMOTO, KOICHI, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-21
[86] 2014-12-25 (PCT/CN2014/094888)
[87] (WO2016/101195)

[21] **2,971,759**
[13] A1
[51] **Int.Cl. A46B 13/00 (2006.01) A46B 3/14 (2006.01) A46B 7/04 (2006.01) A46B 7/10 (2006.01) A46B 9/12 (2006.01) A46D 3/05 (2006.01) E01H 1/05 (2006.01) E01H 5/09 (2006.01)**
[25] EN
[54] **A CASSETTE BRUSH, A VEHICLE PROVIDED THEREWITH AND A METHOD OF PRODUCING A CASSETTE ELEMENT FOR A CASSETTE BRUSH**
[54] **BROSSE MODULAIRE, VEHICULE MUNI DE CELLE-CI ET PROCEDE DE PRODUCTION D'UN MODULE POUR BROSSE MODULAIRE**
[72] DAHLBERG, CECIL, SE
[71] SVENSKA INDUSTRIBORSTAR I VASTERAS AB, SE
[85] 2017-06-20
[86] 2016-01-13 (PCT/SE2016/050011)
[87] (WO2016/114709)
[30] SE (1550031-7) 2015-01-16

[21] **2,971,761**
[13] A1
[51] **Int.Cl. H02P 3/22 (2006.01) E21B 3/02 (2006.01) F04C 2/107 (2006.01) H02H 3/00 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **BRAKE SYSTEM AND CONTROLLER FOR USE WITH A WELLHEAD DIRECT DRIVE**
[54] **SYSTEME DE FREINAGE ET CONTROLEUR DESTINES A ETRE UTILISES AVEC UN ENTRAINEMENT DIRECT DE TETE DE PUITS**
[72] DUERR, AL, CA
[72] BRASSARD, AARON, CA
[72] DOYLE, JOHN, CA
[72] SPARLING, WRAY, CA
[71] GENERAL MAGNETIC INTERNATIONAL INC., CA
[85] 2017-06-21
[86] 2015-12-22 (PCT/CA2015/051364)
[87] (WO2016/101074)
[30] US (62/095,935) 2014-12-23

[21] **2,971,763**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/44 (2006.01) A61P 35/00 (2006.01) C07C 227/00 (2006.01) C07D 213/75 (2006.01) C07D 237/20 (2006.01) C07D 401/12 (2006.01) C07D 405/10 (2006.01) C07D 405/12 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **PHARMACEUTICALLY ACTIVE COMPOUNDS**
[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS**
[72] SHIERS, JASON JOHN, GB
[72] WATTS, JOHN PAUL, GB
[72] ONIONS, STUART THOMAS, GB
[72] QUDDUS, MOHAMMED ABDUL, GB
[72] WRIGGLESWORTH, JOSEPH WILLIAM, GB
[72] SAMBROOK-SMITH, COLIN PETER, GB
[72] NAYLOR, ALAN, GB
[72] LONDESBROUGH, DEREK, GB
[71] BERGENBIO ASA, NO
[85] 2017-06-21
[86] 2015-12-23 (PCT/EP2015/081168)
[87] (WO2016/102672)
[30] GB (1423087.4) 2014-12-23
[30] GB (1508787.7) 2015-05-22
[30] GB (1519919.3) 2015-11-11

[21] **2,971,769**
[13] A1
[51] **Int.Cl. H03M 13/15 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **POLAR CODE ENCODING METHOD AND ENCODING APPARATUS**
[54] **PROCEDE DE CODAGE DE CODE POLAIRE ET DISPOSITIF DE CODAGE**
[72] SHEN, HUI, CN
[72] LI, BIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-06-21
[86] 2014-12-22 (PCT/CN2014/094475)
[87] (WO2016/101089)

[21] **2,971,796**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01) B29C 65/00 (2006.01) B29C 65/16 (2006.01) F04B 43/04 (2006.01) F04B 45/047 (2006.01) F04B 49/06 (2006.01) G09F 13/08 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND THERAPY APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
[72] ASKEM, BEN ALAN, GB
[72] FERRARI, IACOPO CLAUDIO, MU
[72] FOINI, MATTEO, MU
[72] FORZANI, PAOLO, MU
[72] FRYER, CHRISTOPHER JOHN, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] RIVA, CHRISTIAN, MU
[71] SMITH & NEPHEW PLC, GB
[85] 2017-06-21
[86] 2015-12-21 (PCT/IB2015/002536)
[87] (WO2016/103033)
[30] US (62/095,721) 2014-12-22

[21] **2,971,797**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01) B29C 65/16 (2006.01) F04B 37/14 (2006.01) F04B 43/04 (2006.01) F04B 45/047 (2006.01) F04B 49/06 (2006.01) F04B 49/12 (2006.01) F04B 51/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND THERAPY APPARATUS AND METHODS**
[54] **APPAREIL DE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE ET PROCEDES**
[72] ASKEM, BEN ALAN, GB
[72] FERRARI, IACOPO CLAUDIO, MU
[72] FOINI, MATTEO, MU
[72] FORZANI, PAOLO, MU
[72] FRYER, CHRISTOPHER JOHN, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] RIVA, CHRISTIAN, MU
[71] SMITH & NEPHEW PLC, GB
[85] 2017-06-21
[86] 2015-12-21 (PCT/IB2015/002542)
[87] (WO2016/103035)
[30] US (62/095,721) 2014-12-22

[21] **2,971,798**
[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) A01G 31/06 (2006.01)**
[25] EN
[54] **HORTICULTURE GROW PIPE APPARATUS FOR GROWING PLANTS**
[54] **APPAREIL A TUYAU DE CROISSANCE D'HORTICULTURE POUR LA CULTURE DE PLANTES**
[72] SPETS, JOUNI, FI
[71] SPETS, JOUNI, FI
[85] 2017-06-21
[86] 2015-10-20 (PCT/FI2015/050712)
[87] (WO2016/116659)
[30] FI (20150025) 2015-01-23
[30] FI (20150059) 2015-03-03

[21] **2,971,802**
[13] A1
[51] **Int.Cl. G03G 21/18 (2006.01)**
[25] EN
[54] **CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **CARTOUCHE ET DISPOSITIF DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
[72] KASHIIDE, YOSUKE, JP
[72] SATO, MASAAKI, JP
[72] MUNETSUGU, HIROYUKI, JP
[71] CANON KABUSHIKI KAISHA, JP
[85] 2017-05-25
[86] 2015-11-30 (PCT/JP2015/084223)
[87] (WO2016/084986)
[30] JP (2014-242586) 2014-11-28

[21] **2,971,811**
[13] A1
[51] **Int.Cl. C08J 9/35 (2006.01) B32B 27/20 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **POLYMER FOAM SHEET AND BARRIER LAYER COMPOSITE**
[54] **COMPOSITE FORME D'UNE FEUILLE DE MOUSSE POLYMERE ET D'UNE COUCHE BARRIERE**
[72] SALADINO, SAM, CA
[72] TZUR, ZEEV, IL
[72] ZUR, BARUCH, IL
[71] PALZIV EIN HANATZIV AGRICULTURAL COOPERATIVE SOCIETY LTD., IL
[85] 2017-06-21
[86] 2014-12-21 (PCT/IL2014/051114)
[87] (WO2016/103243)

[21] **2,971,823**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **USE OF BINDING MOLECULE WHICH SPECIFICALLY BINDS TO PRECURSOR OF BRAIN-DERIVED NEUROTROPHIC FACTOR**
[54] **APPLICATION D'UNE MOLECULE DE LIAISON COMME PROTEINE PRECURSEUR DU FACTEUR NEUROTROPHIQUE DERIVE DU CERVEAU A LIAISON SPECIFIQUE**
[72] LI, CHANGQI, CN
[72] WANG, HUAMAO, CN
[72] DAI, RUPING, CN
[72] CAI, XIUMEI, CN
[72] ZHOU, XINFU, CN
[71] SHANGHAI YILE BIOTECHNOLOGY CO,. LTD, CN
[85] 2017-06-15
[86] 2015-12-18 (PCT/CN2015/097820)
[87] (WO2016/095839)
[30] CN (201410811678.8) 2014-12-19

[21] **2,971,825**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING AVIAN NECROTIC ENTERITIS**
[54] **METHODE DE DETECTION DE L'ENTERITE NECROTIQUE AVIAIRE**
[72] IGWE, EMEKA-IGNATIUS, DE
[72] WALLMEIER, HOLGER, DE
[72] PELZER, STEFAN, DE
[72] FLUGEL, MONIKA, DE
[72] BEKEL, THOMAS, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-06-13
[86] 2016-02-19 (PCT/EP2016/053502)
[87] (WO2016/142146)
[30] US (62/129,293) 2015-03-06
[30] EP (15174270.7) 2015-06-29

[21] **2,971,826**
[13] A1
[51] **Int.Cl. C07D 221/18 (2006.01) A61K 31/473 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **CRYSTAL FORMS OF APOMORPHINE AND USES THEREOF**
[54] **FORMES CRISTALLINES DE L'APOMORPHINE ET LEURS UTILISATIONS**
[72] YACOBY-ZEEVI, ORON, IL
[72] NEMAS, MARA, IL
[72] CUMMINS, JONATHAN, GB
[72] DIETERICH, PETRA, GB
[71] NEURODERM LTD, IL
[85] 2017-06-21
[86] 2015-12-23 (PCT/IL2015/051246)
[87] (WO2016/103262)
[30] US (62/096,352) 2014-12-23
[30] US (62/240,611) 2015-10-13

[21] **2,971,827**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7105 (2006.01) A61K 47/18 (2017.01) A61K 47/34 (2017.01) A61K 47/42 (2017.01) A61K 48/00 (2006.01)**
[25] EN
[54] **NATURALLY OCCURING MIRNA FOR CONTROLLING GENE EXPRESSION, AND USE OF SAME**
[54] **ARNMI NATUREL POUR LE CONTROLE DE L'EXPRESSION GENIQUE, ET SON UTILISATION**
[72] AOKI, ERIKO, JP
[72] YOSHIDA, YASUHIKO, JP
[72] KATO, SHIORI, JP
[72] OHGI, TADAAKI, JP
[71] BONAC CORPORATION, JP
[85] 2017-06-21
[86] 2015-12-25 (PCT/JP2015/086378)
[87] (WO2016/104775)
[30] JP (2014-266918) 2014-12-27
[30] JP (2015-130496) 2015-06-29

[21] **2,971,828**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/10 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH HEAVY-WALLED STAINLESS STEEL SEAMLESS TUBE OR PIPE AND METHOD FOR MANUFACTURING THE SAME**
[54] **TUBE D'ACIER HAUTE RESISTANCE SANS SOUDURE A PAROI EPAISSE ET SON PROCEDE DE PRODUCTION**
[72] SASAKI, SHUNSUKE, JP
[72] KATSUMURA, TATSURO, JP
[72] KATO, YASUSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-06-21
[86] 2015-02-20 (PCT/JP2015/000829)
[87] (WO2016/132403)

[21] **2,971,829**
[13] A1
[51] **Int.Cl. D04H 1/54 (2012.01) D04H 1/4391 (2012.01) D04H 1/541 (2012.01)**
[25] EN
[54] **SELF-ADHERING NONWOVEN FABRIC**
[54] **TISSU NON-TISSE AUTO-ADHESIF**
[72] KOIZUMI, SATOSHI, JP
[72] KIYOOKA, SUMITO, JP
[71] KURARAY CO., LTD., JP
[85] 2017-06-21
[86] 2015-12-25 (PCT/JP2015/086422)
[87] (WO2016/104795)
[30] JP (2014-265434) 2014-12-26

[21] **2,971,830**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 47/12 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING NUCLEIC ACID MOLECULE STABLY**
[54] **COMPOSITION CONTENANT DE FACON STABLE UNE MOLECULE D'ACIDE NUCLEIQUE**
[72] YAMADA, TAIMU, JP
[72] TOYOFUKU, HIDEKAZU, JP
[71] BONAC CORPORATION, JP
[85] 2017-06-21
[86] 2015-10-30 (PCT/JP2015/080849)
[87] (WO2016/108264)
[30] JP (2014-267087) 2014-12-29
[30] JP (2015-081298) 2015-04-10

[21] **2,971,831**
[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01)**
[25] EN
[54] **HEATING COOKER**
[54] **APPAREIL DE CUISSON CHAUFFANT**
[72] OHTA, KATSUYUKI, JP
[72] NISHIMURA, MAKOTO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-06-21
[86] 2016-08-03 (PCT/JP2016/003569)
[87] (WO2017/033407)
[30] JP (2015-167692) 2015-08-27

[21] **2,971,833**
[13] A1
[51] **Int.Cl. C08F 6/12 (2006.01) C08F 2/06 (2006.01) C08F 4/46 (2006.01) C08F 8/04 (2006.01) C08F 212/08 (2006.01) C08F 236/10 (2006.01) C08F 297/04 (2006.01) D01F 6/78 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AROMATIC VINYL/CONJUGATED DIENE COPOLYMER AND PRODUCT OF HYDROGENATION THEREOF**
[54] **PROCEDE DE PRODUCTION DE COPOLYMERE DE VINYLE AROMATIQUE/DIENE CONJUGUE ET SON PRODUIT D'HYDROGENATION**
[72] TSUJI, TOMOAKI, JP
[72] SHINTANI, MASATAKA, JP
[72] HATANAKA, YASUHIRO, JP
[71] KURARAY CO., LTD., JP
[85] 2017-06-21
[86] 2015-12-25 (PCT/JP2015/086336)
[87] (WO2016/104745)
[30] JP (2014-262847) 2014-12-25

[21] **2,971,834**
[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01)**
[25] EN
[54] **HEATING COOKER**
[54] **APPAREIL DE CUISSON CHAUFFANT**
[72] OHTA, KATSUYUKI, JP
[72] NISHIMURA, MAKOTO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-06-21
[86] 2016-08-03 (PCT/JP2016/003570)
[87] (WO2017/033408)
[30] JP (2015-167694) 2015-08-27

[21] **2,971,843**
[13] A1
[51] **Int.Cl. E21B 12/00 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL HAVING ADJUSTABLE AND DEGRADABLE RODS**
[54] **OUTIL DE FOND DE TROU AYANT DES TIGES REGLABLES ET DEGRADABLES**
[72] AITKEN, LIAM A., US
[72] FRIPP, MICHAEL L., US
[72] GANO, JOHN C., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-01-29 (PCT/US2015/013593)
[87] (WO2016/122544)

[21] **2,971,844**
[13] A1
[51] **Int.Cl. A61F 5/24 (2006.01)**
[25] EN
[54] **ORTHOSIS FOR DEFORMITY CORRECTION**
[54] **ORTHESE POUR CORRECTION DE DEFORMATION**
[72] THOMPSON, MATTHEW, US
[72] THOMPSON, PAUL M., US
[71] THOMPSON, MATTHEW, US
[71] THOMPSON, PAUL M., US
[85] 2017-06-21
[86] 2015-01-16 (PCT/US2015/011741)
[87] (WO2015/109174)
[30] US (61/928,709) 2014-01-17

[21] **2,971,847**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **TRACKING AND MEASUREMENTS ASSOCIATED WITH CEMENT PLUGS**
[54] **SUIVI ET MESURES ASSOCIES A DES BOUCHONS DE CIMENT**
[72] DIRKSEN, RONALD JOHANNES, US
[72] JONES, DAVID LEONWILL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-02-12 (PCT/US2015/015545)
[87] (WO2016/130124)

[21] **2,971,848**
[13] A1
[51] **Int.Cl. A47D 13/02 (2006.01) A47D 13/08 (2006.01)**
[25] EN
[54] **CHILD CARRIER HAVING ADJUSTABLE SEAT COUPLING**
[54] **PORTE-BEBE AYANT UN ACCOUPLEMENT DE SIEGE REGLABLE**
[72] LEHAN, LISBETH HALS, US
[71] LILLEBABY, LLC, US
[85] 2017-06-21
[86] 2015-01-17 (PCT/US2015/011880)
[87] (WO2016/114801)
[30] US (14/597,246) 2015-01-15

[21] **2,971,849**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) B28B 11/24 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY RADIATION-INDUCED TRIGGERING FOR SET-ON-COMMAND COMPOSITIONS AND METHODS OF USE**
[54] **DECLENCHEMENT INDUIT PAR RAYONNEMENT A HAUTE EFFICACITE POUR COMPOSITIONS A DURCISSEMENT SUR COMMANDE ET PROCEDES D'UTILISATION ASSOCIES**
[72] LEWIS, SAMUEL J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-02-17 (PCT/US2015/016150)
[87] (WO2016/133494)

[21] **2,971,851**
[13] A1
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **RECLAMATION OF BRINES WITH METAL CONTAMINATION USING LIME**
[54] **RECUPERATION DE SAUMURES PRESENTANT UNE CONTAMINATION METALLIQUE EN UTILISANT DE LA CHAUX**
[72] DAVIS, CHESNEE L., US
[72] DEVILLE, JAY P., US
[72] MILLER, MATTHEW L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-03-07 (PCT/US2015/019334)
[87] (WO2016/144305)

[21] **2,971,852**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATING ALONG A CASING STRING INCLUDING A HIGH MAGNETIC PERMEABILITY SUBSTRATE**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION LE LONG D'UNE COLONNE DE TUBAGE COMPRENANT UN SUBSTRAT A PERMEABILITE MAGNETIQUE ELEVEE**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-02-27 (PCT/US2015/017961)
[87] (WO2016/137484)

[21] **2,971,856**
[13] A1
[51] **Int.Cl. G01B 13/24 (2006.01) E21B 33/14 (2006.01) E21B 41/00 (2006.01) E21B 49/00 (2006.01) G01B 13/08 (2006.01) G01N 19/00 (2006.01)**
[25] EN
[54] **OPTICAL MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE OPTIQUE**
[72] GAHLAWAT, RAVINDER, IN
[72] CHINEY, ABHINANDAN, IN
[72] BARDAPURKAR, SAMEER, IN
[72] JANDHYALA, SIVA RAMA KRISHNA, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-03-02 (PCT/US2015/018346)
[87] (WO2016/140648)

[21] **2,971,858**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/341 (2006.01) A61K 31/42 (2006.01) A61K 31/422 (2006.01) C07D 261/14 (2006.01) C07D 307/54 (2006.01) C07D 405/12 (2006.01) C07D 407/12 (2006.01) C07D 409/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) A61P 11/00 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR INCREASING CFTR ACTIVITY**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES POUR AUGMENTER L'ACTIVITE DU CFTR**
[72] BASTOS, CECILIA M., US
[72] MUNOZ, BENITO, US
[72] TAIT, BRADLEY, US
[71] PROTEOSTASIS THERAPEUTICS, INC., US
[85] 2017-06-21
[86] 2015-12-23 (PCT/US2015/000212)
[87] (WO2016/105485)
[30] US (62/096,374) 2014-12-23
[30] US (62/102,244) 2015-01-12
[30] US (62/196,839) 2015-07-24
[30] US (62/199,661) 2015-07-31

[21] **2,971,860**
[13] A1
[51] **Int.Cl. A63G 25/00 (2006.01) A63C 10/02 (2012.01) A63C 9/00 (2012.01)**
[25] EN
[54] **SNOW SKI ASSEMBLIES**
[54] **ENSEMBLES SKI**
[72] PFEIFER, JOHN, US
[72] MARNER, MICHAEL C., US
[71] PFEIFER, JOHN, US
[71] MARNER, MICHAEL C., US
[85] 2017-06-21
[86] 2015-12-18 (PCT/US2015/066795)
[87] (WO2016/106143)
[30] US (14/579,170) 2014-12-22

[21] **2,971,861**
[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **METHODS OF CULTURING A MAMMALIAN CELL**
[54] **PROCEDES DE CULTURE D'UNE CELLULE DE MAMMIFERE**
[72] HWANG, CHRISTOPHER, US
[72] JOHNSON, TIMOTHY, US
[72] WALTHER, JASON, US
[72] CHENG, CHENG, US
[72] WANG, JONATHAN, US
[72] SHAH, NEHA, US
[72] BAE, SEUL-A, US
[71] GENZYME CORPORATION, US
[85] 2017-06-21
[86] 2015-12-21 (PCT/US2015/067040)
[87] (WO2016/106192)
[30] US (62/095,734) 2014-12-22

[21] **2,971,863**
[13] A1
[51] **Int.Cl. C09K 8/02 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **BIOPOLYMER COMPOSITE FOR WATER-BASED TREATMENT FLUIDS**
[54] **COMPOSITE BIOPOLYMERE POUR FLUIDES DE TRAITEMENT A BASE D'EAU**
[72] SANTOS, CATHERINE M., US
[72] GHOSH, SHUBHAJIT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-21
[86] 2015-03-05 (PCT/US2015/019075)
[87] (WO2016/140689)

[21] **2,971,865**
[13] A1
[51] **Int.Cl. G08B 1/08 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD, AND APPARATUS FOR LOCATING A BLUETOOTH ENABLED TRANSACTION CARD**
[54] **SYSTEME, PROCEDE ET APPAREIL DE LOCALISATION D'UNE CARTE DE TRANSACTION COMPATIBLE BLUETOOTH**
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-06-21
[86] 2015-12-22 (PCT/US2015/067259)
[87] (WO2016/106271)
[30] US (62/095,190) 2014-12-22

[21] **2,971,866**
[13] A1
[51] **Int.Cl. G06Q 20/30 (2012.01)**
[25] EN
[54] **A SYSTEM, METHOD, AND APPARATUS FOR REPROGRAMMING A TRANSACTION CARD**
[54] **SYSTEME, PROCEDE ET APPAREIL DE REPROGRAMMATION D'UNE CARTE DE TRANSACTION**
[72] KOEPPEL, ADAM R., US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2017-06-21
[86] 2015-12-22 (PCT/US2015/067268)
[87] (WO2016/106277)
[30] US (62/095,174) 2014-12-22

[21] **2,971,868**
[13] A1
[51] **Int.Cl. A61K 31/7076 (2006.01) A61K 9/00 (2006.01) A61K 31/19 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS COMPRISING HIGH PURITY CANGRELOR AND METHODS FOR PREPARING AND USING THE SAME**
[54] **FORMULATIONS PHARMACEUTIQUES COMPRENANT DU CANGRELOR DE HAUTE PURETE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] DUTTA, PANNA, US
[72] RAFAI FAR, ADEL, CA
[72] DING, MIN, US
[72] MOTHERAM, RAJESHWAR, US
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2017-06-21
[86] 2015-07-10 (PCT/US2015/039975)
[87] (WO2016/114818)
[30] US (62/103,136) 2015-01-14

[21] **2,971,869**
[13] A1
[51] **Int.Cl. A61K 31/554 (2006.01) C07D 281/10 (2006.01)**
[25] EN
[54] **NOVEL CALCIUM MODULATORS**
[54] **NOUVEAUX MODULATEURS DU CALCIUM**
[72] KELLY, MICHAEL GERARD, US
[72] KINCAID, JOHN, US
[71] MYOTHERIX, INC., US
[85] 2017-06-21
[86] 2015-12-29 (PCT/US2015/067953)
[87] (WO2016/109596)
[30] US (62/098,090) 2014-12-30

[21] **2,971,870**
[13] A1
[51] **Int.Cl. A61K 31/215 (2006.01) A61K 31/05 (2006.01)**
[25] EN
[54] **JASMONATE DERIVATIVES AND COMPOSITIONS THEREOF**
[54] **DERIVES DE JASMONATE ET COMPOSITIONS ASSOCIEES**
[72] FEHR PEREIRA LOPES, JOSE E., BR
[71] NANOCARE TECHNOLOGIES, INC., US
[85] 2017-06-21
[86] 2015-12-31 (PCT/US2015/068244)
[87] (WO2016/109779)
[30] US (62/098,704) 2014-12-31

[21] **2,971,871**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **METHOD OF ILLUMINATING ORNAMENT**
[54] **PROCEDE D'ECLAIRAGE D'UN ORNEMENT**
[72] MCCAVIT, KIM I., US
[72] BENTLEY, ROGER D., US
[72] JENSEN, BRADFORD B., US
[71] JENESIS INTERNATIONAL INC., US
[85] 2017-06-21
[86] 2015-12-31 (PCT/US2015/068303)
[87] (WO2016/114936)
[30] US (62/102,774) 2015-01-13
[30] US (14/982,626) 2015-12-29

[21] **2,971,879**
[13] A1
[51] **Int.Cl. A61B 3/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FIXATION MEASUREMENT WITH REFRACTION ERROR MEASUREMENT USING IMAGE SENSING DEVICES**
[54] **APPAREIL ET METHODE DE MESURE DE FIXATION AVEC MESURE D'ERREUR DE REFRACTION A L'AIDE DE DISPOSITIFS DE DETECTION D'IMAGES**
[72] WINSOR, ROBERT SCOTT, US
[71] REBISCAN, INC., US
[85] 2017-06-21
[86] 2015-12-22 (PCT/US2015/067444)
[87] (WO2016/106349)
[30] US (62/096,036) 2014-12-23

[21] **2,971,881**
[13] A1
[51] **Int.Cl. A61K 31/713 (2006.01) A61K 31/52 (2006.01)**
[25] EN
[54] **RNA INTERFERENCE AGENTS FOR GST-PI GENE MODULATION**
[54] **AGENTS D'INTERFERENCE ARN POUR LA MODULATION DU GENE GST-PI**
[72] YING, WENBIN, US
[72] MINOMI, KENJIROU, JP
[72] HARBORTH, JENS, US
[72] TAKAHASHI, HIROKAZU, JP
[72] TERADA, ERIKA, JP
[72] ZHANG, JUN, US
[72] AHMADIAN, MOHAMMAD, US
[71] NITTO DENKO CORPORATION, JP
[85] 2017-06-21
[86] 2015-12-28 (PCT/US2015/067553)
[87] (WO2016/106400)
[30] JP (2014-266198) 2014-12-26
[30] US (62/184,239) 2015-06-24
[30] US (62/266,664) 2015-12-13

[21] **2,971,882**
[13] A1
[51] **Int.Cl. B65G 17/24 (2006.01) B65G 13/075 (2006.01) B65G 17/06 (2006.01)**
[25] EN
[54] **NON CONTACT ACTIVE CONTROL CONVEYING ASSEMBLY**
[54] **ENSEMBLE DE TRANSPORT A COMMANDE ACTIVE SANS CONTACT**
[72] STEFANKO, JUSTIN MICHAEL, US
[71] REXNORD INDUSTRIES, LLC, US
[85] 2017-06-21
[86] 2016-02-17 (PCT/US2016/018230)
[87] (WO2016/137795)
[30] US (62/121,111) 2015-02-26

[21] **2,971,883**
[13] A1
[51] **Int.Cl. H02M 1/08 (2006.01) H02M 3/06 (2006.01) H02M 3/155 (2006.01) H02M 5/08 (2006.01) H02M 7/217 (2006.01)**
[25] EN
[54] **FLYBACK CONVERTER**
[54] **CONVERTISSEUR A TRANSFERT INDIRECT**
[72] AHSANUZZAMAN, S. M., CA
[72] MAHDAVIKHAH, BEHZAD, CA
[72] RADIC, ALEKSANDAR, CA
[72] PRODIC, ALEKSANDAR, CA
[71] APPULSE POWER INC., CA
[85] 2017-06-22
[86] 2015-11-30 (PCT/CA2015/000587)
[87] (WO2016/101058)
[30] US (62/096,322) 2014-12-23

[21] **2,971,884**
[13] A1
[51] **Int.Cl. G06F 17/28 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR GENERAL MACHINE TRANSLATION ENGINE-ORIENTED INDIVIDUALIZED TRANSLATION**
[54] **PROCEDE ET DISPOSITIF DE TRADUCTION INDIVIDUALISEE ORIENTEE VERS UN MOTEUR DE TRADUCTION AUTOMATIQUE UNIVERSELLE**
[72] YANG, MUYUN, CN
[72] ZHU, JUNGUO, CN
[72] LI, SHENG, CN
[72] ZHAO, TIEJUN, CN
[71] HARBIN INSTITUTE OF TECHNOLOGY, CN
[85] 2017-06-22
[86] 2014-09-28 (PCT/CN2014/087722)
[87] (WO2015/096529)
[30] CN (201310722090.0) 2013-12-24

[21] **2,971,888**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **PREVENTION OF METASTASIS AND RECURRENCE AFTER PRIMARY CANCER TREATMENT**
[54] **PREVENTION DE LA METASTASE ET DE LA RECURRENCE APRES TRAITEMENT D'UN CANCER PRIMAIRE**
[72] HARLESS, WILLIAM WARREN, CA
[71] ENCYT TECHNOLOGIES, INC., CA
[85] 2017-06-22
[86] 2015-12-22 (PCT/CA2015/000607)
[87] (WO2016/101060)
[30] US (62/095,515) 2014-12-22
[30] US (62/180,925) 2015-06-17
[30] US (62/180,945) 2015-06-17
[30] US (62/212,368) 2015-08-31

[21] **2,971,889**
[13] A1
[51] **Int.Cl. C10L 1/04 (2006.01) C01B 3/34 (2006.01) C07C 1/04 (2006.01) C10G 1/00 (2006.01) C10G 2/00 (2006.01) C10G 50/00 (2006.01) C12M 1/00 (2006.01) C12M 1/107 (2006.01) C12P 3/00 (2006.01) C12P 5/02 (2006.01) D21C 1/02 (2006.01) D21C 1/10 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **CONVERSION OF BIOMASS, ORGANIC WASTE AND CARBON DIOXIDE INTO SYNTHETIC HYDROCARBONS**
[54] **CONVERSION DE BIOMASSE, DECHETS ORGANIQUES ET DIOXYDE DE CARBONE EN HYDROCARBURES DE SYNTHESE**
[72] HAFEZ, HISHAM MOHAMED, CA
[72] LEHOUX, RICHARD ROMEO, CA
[72] SALT, DAVE, CA
[72] SEHDEV, RANJIT, CA
[71] GREENFIELD SPECIALTY ALCOHOLS INC., CA
[85] 2017-06-22
[86] 2015-12-22 (PCT/CA2015/051366)
[87] (WO2016/101076)
[30] US (62/096,146) 2014-12-23

[21] **2,971,891**
[13] A1
[51] **Int.Cl. F02B 75/28 (2006.01) F02B 25/08 (2006.01)**
[25] EN
[54] **LINEAR PISTON ENGINE FOR OPERATING EXTERNAL LINEAR LOAD**
[54] **MOTEUR LINEAIRE A PISTONS POUR ACTIONNEMENT DE CHARGE LINEAIRE EXTERNE**
[72] KRAMER, FRANZ, CA
[71] KRAMER, FRANZ, CA
[85] 2017-06-22
[86] 2015-12-23 (PCT/CA2015/051368)
[87] (WO2016/101078)
[30] US (62/096,099) 2014-12-23

[21] **2,971,901**
[13] A1
[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/079 (2010.01) C12N 5/095 (2010.01) C12N 5/22 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OLIGODENDROGLIAL CELL CULTURING METHODS AND IN METHODS FOR TREATING NEURODEGENERATIVE DISORDERS BY USING THYROID HORMONES OR ANALOGUES**
[54] **AMELIORATIONS DE PROCEDES DE CULTURE D'OLIGODENDROCYTES ET DE METHODES DE TRAITEMENT DE TROUBLES NEURODEGENERATIFS A L'AIDE D'HORMONES THYROIDIENNES OU ANALOGUES**
[72] PETRATOS, STEVEN, AU
[72] AZARI, MICHAEL FARZAD, AU
[72] LEE, JAE YOUNG, AU
[72] KIM, MIN YOUNG, AU
[71] NEUORPHAN PTY LTD, AU
[85] 2017-06-22
[86] 2015-12-24 (PCT/AU2015/000770)
[87] (WO2016/101017)
[30] AU (2014905276) 2014-12-24

[21] **2,971,912**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **FLEXIBLE SCREEN EXTENSION STRUCTURE, FLEXIBLE SCREEN ASSEMBLY, AND TERMINAL**
[54] **STRUCTURE D'EXTENSION D'ECRAN FLEXIBLE, ASSEMBLAGE D'ECRAN FLEXIBLE, ET TERMINAL**
[72] LIU, ZIHONG, CN
[72] ZOU, XIANG, CN
[72] YANG, SONGLING, CN
[71] SHENZHEN ROYOLE TECHNOLOGIES CO., LTD, CN
[85] 2017-06-22
[86] 2014-12-23 (PCT/CN2014/094601)
[87] (WO2016/101123)

[21] **2,971,913**
[13] A1
[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **DATA READING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE LECTURE DE DONNEES**
[72] ZHOU, JIANHUA, CN
[72] LI, YAN, CN
[72] ZHANG, PO, CN
[72] WANG, FEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-06-22
[86] 2015-12-16 (PCT/CN2015/097586)
[87] (WO2016/101828)
[30] CN (201410817949.0) 2014-12-24

[21] **2,971,963**
[13] A1
[51] **Int.Cl. H04N 19/64 (2014.01) H04N 19/13 (2014.01) H04N 19/436 (2014.01) H04N 19/63 (2014.01) H04N 19/645 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGES**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGES**
[72] RISSA, TERO, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2017-06-22
[86] 2016-02-15 (PCT/FI2016/050093)
[87] (WO2016/139391)
[30] GB (1503689.0) 2015-03-05

[21] **2,971,970**
[13] A1
[51] **Int.Cl. B65D 23/02 (2006.01) B65D 25/14 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **CONTAINER FOR A CONSUMABLE GOOD, COATED WITH A RESVERATROL-CONTAINING LAYER**
[54] **CONTENANT POUR UN PRODUIT DE CONSOMMATION, REVETU D'UNE COUCHE CONTENANT DU RESVERATROL**
[72] STOKES, GREGORY JOHN CHARLES, AU
[72] BARICS, STEVEN JOHN ANTHONY, AU
[71] BAROKES PTY LTD., AU
[85] 2017-06-22
[86] 2014-12-23 (PCT/IB2014/002874)
[87] (WO2016/102985)

[21] **2,971,980**
[13] A1
[51] **Int.Cl. B22D 41/14 (2006.01) B22D 41/18 (2006.01) C21B 7/12 (2006.01) F27B 13/06 (2006.01)**
[25] EN
[54] **METHOD OF SEALING AND REPAIRING A REFRACTORY TAP HOLE**
[54] **PROCEDE D'OBTURATION ET DE REPARATION D'UN TROU DE COULEE REFRACTAIRE**
[72] PILOTE, JACQUES, AU
[72] DRY, RODNEY JAMES, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2017-06-22
[86] 2015-12-14 (PCT/AU2015/050790)
[87] (WO2016/101020)
[30] AU (2014905218) 2014-12-23

[21] **2,971,986**
[13] A1
[51] **Int.Cl. E04F 15/024 (2006.01)**
[25] EN
[54] **DOUBLE FLOOR MEMBER**
[54] **ELEMENT DE PLANCHER DOUBLE**
[72] KOBAYASHI, ATSUHIKO, JP
[72] MARUYAMA, KATSURA, JP
[71] SENQCIA CORPORATION, JP
[85] 2017-06-01
[86] 2014-12-01 (PCT/JP2014/081799)
[87] (WO2016/088184)

[21] **2,971,990**
[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01)**
[25] EN
[54] **CONTINUOUS-FIBER REINFORCED BIOCOMPOSITE MEDICAL IMPLANTS**
[54] **IMPLANTS MEDICAUX BIOCOMPOSITES RENFORCES DE FIBRES CONTINUES**
[72] PREISS-BLOOM, ORAHN, IL
[72] LINDER, TALY PNINA, IL
[72] EPSTEIN, EYAL, IL
[72] POREH, DANIELLE, IL
[71] OSSIO LTD., IL
[85] 2017-06-22
[86] 2015-12-28 (PCT/IB2015/002602)
[87] (WO2016/103049)
[30] US (62/096,932) 2014-12-26

[21] **2,971,996**
[13] A1
[51] **Int.Cl. G09B 11/00 (2006.01)**
[25] EN
[54] **CHINESE CHARACTER INFORMATION RECORDING METHOD AND CHINESE CHARACTER STROKE ORDER RECOGNITION DIAGRAM**
[54] **PROCEDE D'ENREGISTREMENT D'INFORMATIONS RELATIVES A UN CARACTERE CHINOIS**
[72] LIN, GUANGSHENG, CN
[71] LIN, GUANGSHENG, CN
[85] 2017-06-14
[86] 2013-12-18 (PCT/CN2013/089901)
[87] (WO2014/124584)

[21] **2,971,997**
[13] A1
[51] **Int.Cl. G02B 6/43 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTOR**
[54] **CONNECTEUR OPTIQUE**
[72] NAKAJIMA, YASUHISA, JP
[72] YAMAMOTO, MASANARI, JP
[71] SONY CORPORATION, JP
[85] 2017-06-22
[86] 2015-12-11 (PCT/JP2015/084778)
[87] (WO2016/111115)
[30] JP (2015-001578) 2015-01-07

[21] **2,971,998**
[13] A1
[51] **Int.Cl. G02B 6/43 (2006.01) G02B 6/04 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTOR**
[54] **CONNECTEUR OPTIQUE**
[72] NAKAJIMA, YASUHISA, JP
[72] YAMAMOTO, MASANARI, JP
[71] SONY CORPORATION, JP
[85] 2017-06-22
[86] 2015-12-15 (PCT/JP2015/085087)
[87] (WO2016/111123)
[30] JP (2015-001577) 2015-01-07

[21] **2,972,003**
[13] A1
[51] **Int.Cl. C21D 6/00 (2006.01) G21D 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR NUCLEAR REACTOR CORE ANNEALING AND NUCLEAR REACTOR**
[54] **PROCEDE DE RECUIT DE LA ZONE ACTIVE D'UN REACTEUR NUCLEAIRE ET REACTEUR NUCLEAIRE**
[72] TOSHINSKY, GEORGIY LL'ICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
[85] 2017-06-22
[86] 2015-12-01 (PCT/RU2015/000838)
[87] (WO2016/108730)
[30] RU (2014153831) 2014-12-30

[21] **2,972,005**
[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) H04M 1/21 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR MONITORING INTERNAL ORGANS OF A HUMAN OR ANIMAL**
[54] **DISPOSITIF ET SYSTEME POUR LA SURVEILLANCE D'ORGANES INTERNES D'UN HUMAIN OU D'UN ANIMAL**
[72] SONNENSCHEIN, LAZAR, IL
[71] PULSENMORE LTD., IL
[85] 2017-06-22
[86] 2015-12-13 (PCT/IL2015/051209)
[87] (WO2016/103250)
[30] IL (236484) 2014-12-25

[21] **2,972,006**
[13] A1
[51] **Int.Cl. F28F 9/013 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER TUBE SPACING DEVICE (VARINATS)**
[54] **DISPOSITIF D'ECARTEMENT DES TUBES D'UN APPAREIL ECHANGEUR DE CHALEUR (ET VARIANTES)**
[72] NEEVIN, VIKTOR SEMENOVICH, RU
[72] VAKHRUSHIN, MIHAIL PETROVICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
[85] 2017-06-22
[86] 2015-12-01 (PCT/RU2015/000837)
[87] (WO2016/108729)
[30] RU (2014153832) 2014-12-30

[21] **2,972,008**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE PROSTHESIS FOR SOFT TISSUE REPAIR**
[54] **PROTHESE IMPLANTABLE POUR LA REPARATION DE TISSUS MOUS**
[72] BOWLEY, MELISSA, US
[72] SHAH, DEVANG VIJAY, US
[72] TESSIER, PHILIP A., US
[71] C.R. BARD, INC., US
[85] 2017-06-22
[86] 2014-12-24 (PCT/US2014/072370)
[87] (WO2016/105415)

[21] **2,972,013**
[13] A1
[51] **Int.Cl. C07D 311/80 (2006.01)**
[25] EN
[54] **PROCESS-SCALE SYNTHESIS OF UROLITHINS**
[54] **SYNTHESE D'UROLITHINES A ECHELLE DE PROCEDE**
[72] RINSCH, CHRISTPOHER L., CH
[72] MULLER, ROLAND, DE
[72] SKRANC, WOLFGANG, AT
[71] AMAZENTIS SA, CH
[85] 2017-06-22
[86] 2014-12-22 (PCT/US2014/071824)
[87] (WO2015/100213)
[30] US (61/919,923) 2013-12-23

[21] **2,972,015**
[13] A1
[51] **Int.Cl. A61K 38/18 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **PEPTIDES AND THEIR USE IN THE TREATMENT OF SKIN**
[54] **PEPTIDES ET LEUR UTILISATION DANS LE TRAITEMENT DE LA PEAU**
[72] IDKOWIAK BALDYS, JOLANTA, US
[72] SANTHANAM, UMA, US
[71] AVON PRODUCTS, INC., US
[85] 2017-06-22
[86] 2015-09-03 (PCT/US2015/048240)
[87] (WO2016/105607)
[30] US (62/095,873) 2014-12-23

[21] **2,972,016**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A01N 63/02 (2006.01) A61K 38/16 (2006.01) C07K 1/00 (2006.01) C07K 14/00 (2006.01) C07K 17/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MODIFIED CRY1CA TOXINS USEFUL FOR CONTROL OF INSECT PESTS**
[54] **TOXINES CRY1CA MODIFIEES POUR LUTTER CONTRE LES INSECTES NUISIBLES**
[72] SHEETS, JOEL J., US
[72] NARVA, KENNETH, US
[72] MEADE, THOMAS, US
[72] HEY, TIMOTHY D., US
[72] TAN, SEK YEE, US
[72] ETTER, AUDREY JANE, US
[72] GLANCY, TODD P., US
[72] ARMSTRONG, JANNA MAI, US
[72] CORAM, TRISTAN E., US
[72] MADDURI, KRISHNA M., US
[72] KING, JAMES E., US
[72] LEE, RYAN M., US
[72] LIN, GAOFENG, US
[72] LI, JIANQUAN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-22
[86] 2015-12-16 (PCT/US2015/066182)
[87] (WO2016/109212)
[30] US (62/097,833) 2014-12-30

[21] **2,972,018**
[13] A1
[51] **Int.Cl. C09K 8/60 (2006.01)**
[25] EN
[54] **LOW MOLECULAR WEIGHT POLYACRYLATES FOR EOR**
[54] **POLYACRYLATES DE FAIBLE POIDS MOLECULAIRE POUR EOR**
[72] JOHNSON, STEPHEN J., US
[72] BERKLAND, CORY, US
[72] MORADI-ARAGHI, AHMAD, US
[72] LIANG, JENN-TAI, US
[72] CHRISTIAN, TERRY M., US
[72] NEEDHAM, RILEY B., US
[72] CHENG, MIN, US
[72] LIN, YING-YING, US
[72] WOODSIDE, ANDREW B., US
[71] UNIVERSITY OF KANSAS, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2017-06-20
[86] 2016-01-06 (PCT/US2016/012338)
[87] (WO2016/112106)
[30] US (62/100,334) 2015-01-06
[30] US (62/112,514) 2015-02-05

[21] **2,972,019**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **SECURING DATA ON UNTRUSTED DEVICES**
[54] **PROTECTION DE DONNEES SUR DES DISPOSITIFS NON SECURISES**
[72] CHAPMAN, ROBERT SCOTT, III, US
[71] SENTEON LLC, US
[85] 2017-06-22
[86] 2015-11-17 (PCT/US2015/061097)
[87] (WO2016/109038)
[30] US (14/588,779) 2015-01-02

[21] **2,972,020**
[13] A1
[51] **Int.Cl. G06Q 20/34 (2012.01)**
[25] EN
[54] **FLEXIBLE ELECTRONIC PAYMENT TRANSACTION PROCESS**
[54] **PROCESSUS DE TRANSACTION DE PAIEMENT ELECTRONIQUE SOUPLE**
[72] EKSELIUS, LUKAS, BE
[72] POCHIC, SESBASTIEN, BE
[72] ATES, FIKRET, BE
[72] MAIDMENT, BARRY, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-06-22
[86] 2015-12-04 (PCT/US2015/063973)
[87] (WO2016/105908)
[30] US (14/580,295) 2014-12-23

[21] **2,972,024**
[13] A1
[51] **Int.Cl. B60T 17/22 (2006.01) B61H 7/10 (2006.01) B61H 13/04 (2006.01)**
[25] EN
[54] **RAIL HANDBRAKE WITH PROLONGED RELEASE**
[54] **FREIN A MAIN A RAIL A LIBERATION PROLONGEE**
[72] SAUTER, JEFFREY F., US
[72] NEWTON, STEVEN, US
[72] ESTELLE, TAYLOR, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-06-22
[86] 2015-01-09 (PCT/US2015/010787)
[87] (WO2016/111695)

[21] **2,972,031**
[13] A1
[51] **Int.Cl. F04B 53/16 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP WITH DUAL CIRCUIT POWER END LUBRICATION SYSTEM**
[54] **POMPE A VA-ET-VIENT AVEC SYSTEME DE LUBRIFICATION D'EXTREMITE DE PUISSANCE A DOUBLE CIRCUIT**
[72] BYRNE, JOSEPH H., US
[72] KOTAPISH, EDWARD C., US
[72] SKURDALSVOLD, SCOTT, US
[72] BAYYOUK, JACOB A., US
[72] WAWERU, LAWRENCE, US
[71] S.P.M. FLOW CONTROL, INC., US
[85] 2017-06-22
[86] 2015-07-24 (PCT/US2015/042119)
[87] (WO2016/105602)
[30] US (62/095,650) 2014-12-22
[30] US (62/099,377) 2015-01-02

[21] **2,972,032**
[13] A1
[51] **Int.Cl. A61M 5/178 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **METHODS, COMPOSITIONS, AND SYSTEMS FOR DEVICE IMPLANTATION**
[54] **PROCEDES, COMPOSITIONS ET SYSTEMES POUR IMPLANTATION DE DISPOSITIF**
[72] HANSON, TIMOTHY L., US
[72] MAHARBIZ, MICHEL M., US
[72] SABES, PHILIP N., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-06-22
[86] 2015-12-18 (PCT/US2015/066879)
[87] (WO2016/126340)
[30] US (62/096,257) 2014-12-23

[21] **2,972,034**
[13] A1
[51] **Int.Cl. A01N 37/44 (2006.01) A61K 31/44 (2006.01) C07C 229/08 (2006.01)**
[25] EN
[54] **PICOLINAMIDES WITH FUNGICIDAL ACTIVITY**
[54] **PICOLINAMIDES PRESENTANT UNE ACTIVITE FONGICIDE**
[72] YAO, CHENGLIN, US
[72] MEYER, KEVIN G., US
[72] LU, YU, US
[72] LOY, BRIAN, US
[72] JONES, DAVID M., US
[72] HEEMSTRA, RONALD J., US
[72] EPP, JEFFREY B., US
[72] DELORBE, JOHNATHAN E., US
[72] DEKORVER, KYLE A., US
[72] DAEUBLE, JOHN F., SR., US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067199)
[87] (WO2016/109300)
[30] US (62/098,089) 2014-12-30
[30] US (62/098,097) 2014-12-30
[30] US (62/255,144) 2015-11-13
[30] US (62/255,152) 2015-11-13

[21] **2,972,036**
[13] A1
[51] **Int.Cl. A01N 47/18 (2006.01) A01N 43/40 (2006.01)**
[25] EN
[54] **PICOLINAMIDES AS FUNGICIDES**
[54] **PICOLINAMIDES UTILISES EN TANT QUE FONGICIDES**
[72] BUCHAN, ZACHARY, US
[72] DEKORVER, KYLE A., US
[72] JONES, DAVID M., US
[72] HERRICK, JESSICA, US
[72] WILMOT, JEREMY, US
[72] RIGOLI, JARED, US
[72] LOY, BRIAN, US
[72] LU, YU, US
[72] MEYER, KEVIN G., US
[72] YAO, CHENGLIN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067206)
[87] (WO2016/109304)
[30] US (62/098,089) 2014-12-30
[30] US (62/098,097) 2014-12-30
[30] US (62/255,163) 2015-11-13
[30] US (62/255,168) 2015-11-13

[21] **2,972,041**
[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01) B65D 1/40 (2006.01) B65D 1/42 (2006.01)**
[25] EN
[54] **DEFORMATION-RESISTANT CONTAINER WITH PANEL INDENTATIONS**
[54] **RECIPIENT RESISTANT A LA DEFORMATION COMPRENANT DES INDENTATIONS DE PANNEAU**
[72] PRITCHETT, RAYMOND A., US
[72] HUNTER, TRAVIS A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067013)
[87] (WO2016/106181)
[30] US (62/095,580) 2014-12-22

[21] **2,972,043**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **AUTO DISCOVERY OF CONFIGURATION ITEMS**
[54] **DECOUVERTE AUTOMATIQUE D'ELEMENTS DE CONFIGURATION**
[72] POLINATI, CHINNA, US
[72] VARGHESE, JAKE, US
[72] CHANDRASHEKAR, SRIDHAR, US
[71] SERVICENOW, INC., US
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067063)
[87] (WO2016/106202)
[30] US (62/095,249) 2014-12-22

[21] **2,972,045**
[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 47/18 (2006.01) C07D 213/81 (2006.01)**
[25] EN
[54] **USE OF PICOLINAMIDE COMPOUNDS WITH FUNGICIDAL ACTIVITY**
[54] **UTILISATION DE COMPOSES DE PICOLINAMIDE PRESENTANT UNE ACTIVITE FONGICIDE**
[72] BRAVO-ALTAMIRANO, KARLA, US
[72] DEKORVER, KYLE A., US
[72] JONES, DAVID M., US
[72] DAEUBLE, JOHN F., SR., US
[72] HERRICK, JESSICA, US
[72] EPP, JEFFREY B., US
[72] DELORBE, JOHNATHAN E., US
[72] MEYER, KEVIN G., US
[72] YAO, CHENGLIN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067111)
[87] (WO2016/109288)
[30] US (62/098,097) 2014-12-30
[30] US (62/098,089) 2014-12-30
[30] US (62/255,144) 2015-11-13
[30] US (62/255,152) 2015-11-13
[30] US (62/255,163) 2015-11-13
[30] US (62/255,168) 2015-11-13
[30] US (62/255,125) 2015-11-13
[30] US (62/255,131) 2015-11-13

[21] **2,972,048**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **ANTI-MERTK AGONISTIC ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS AGONISTES ANTI-MERTK ET LEURS UTILISATIONS**
[72] TAVAZOIE, SOHAIL, US
[72] HALBERG, NILS, US
[72] TAVAZOIE, MASOUD, US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067118)
[87] (WO2016/106221)
[30] US (62/095,325) 2014-12-22

[21] **2,972,049**
[13] A1
[51] **Int.Cl. H04H 60/37 (2009.01) H04H 60/48 (2009.01)**
[25] EN
[54] **USE OF PROGRAM-SCHEDULE TEXT AND TELEPROMPTER OUTPUT TO FACILITATE SELECTION OF A PORTION OF A MEDIA-PROGRAM RECORDING**
[54] **UTILISATION D'UN TEXTE DE PROGRAMMATION D'EMISSIONS ET D'UNE SORTIE DE TELEPROMPTEUR POUR FACILITER LA SELECTION D'UNE PARTIE D'UN ENREGISTREMENT DE PROGRAMME MULTIMEDIA**
[72] HUNDEMER, HANK, US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067345)
[87] (WO2016/133586)
[30] US (14/627,164) 2015-02-20

[21] **2,972,051**
[13] A1
[51] **Int.Cl. H04H 60/37 (2009.01) H04H 60/48 (2009.01)**
[25] EN
[54] **USE OF PROGRAM-SCHEDULE TEXT AND CLOSED-CAPTIONING TEXT TO FACILITATE SELECTION OF A PORTION OF A MEDIA-PROGRAM RECORDING**
[54] **UTILISATION D'UN TEXTE DE PLANIFICATION DE PROGRAMME ET D'UN TEXTE DE SOUS-TITRAGE CODE POUR FACILITER LA SELECTION D'UNE PARTIE D'UN ENREGISTREMENT D'UN PROGRAMME MULTIMEDIA**
[72] HUNDEMER, HANK, US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067382)
[87] (WO2016/133587)
[30] US (14/627,119) 2015-02-20

[21] **2,972,053**
[13] A1
[51] **Int.Cl. E21B 21/00 (2006.01) C09K 8/02 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **LOST CIRCULATION MATERIALS COMPRISING BROWN MUD**
[54] **SUBSTANCES ANTI-PERTE DE CIRCULATION COMPRENANT UNE BOUE BRUNE**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BENKLEY, JAMES ROBERT, US
[72] CHATTERJI, JITEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-22
[86] 2015-01-30 (PCT/US2015/013940)
[87] (WO2016/122651)

[21] **2,972,058**
[13] A1
[51] **Int.Cl. C07K 14/655 (2006.01) A61K 51/08 (2006.01) C07K 1/13 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMAGING CANCER**
[54] **COMPOSITIONS ET METHODES POUR L'IMAGERIE DU CANCER**
[72] BENARD, FRANCOIS, CA
[72] LIN, KUO-SHYAN, CA
[72] PERRIN, DAVID, CA
[72] LIU, ZHIBO, CA
[72] POURGHIASIAN, MARAL, CA
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-06-22
[86] 2015-01-02 (PCT/CA2015/000002)
[87] (WO2015/100498)
[30] US (61/923,233) 2014-01-03

[21] **2,972,064**
[13] A1
[51] **Int.Cl. H02J 5/00 (2016.01) H02J 7/02 (2016.01) H04N 5/232 (2006.01)**
[25] EN
[54] **WIRELESS CAMERA SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE CAMERA SANS FIL**
[72] BLUM, RONALD DAVID, US
[72] GUPTA, AMITAVA, US
[72] KOKONASKI, WILLIAM, US
[72] CLOMPUS, RICHARD, US
[72] PINAZZA, MASSIMO, IT
[72] LONGA, CLAUDIO DALLA, IT
[72] DANNHARDT, WALTER, US
[72] BAUER, STEFAN, CH
[72] FEHR, JEAN-NOEL, CH
[71] POGOTEC, INC., US
[85] 2017-06-22
[86] 2015-12-23 (PCT/US2015/000205)
[87] (WO2016/105480)
[30] US (62/095,920) 2014-12-23
[30] US (62/104,418) 2015-01-16
[30] US (62/113,573) 2015-02-09
[30] US (62/116,648) 2015-02-16
[30] US (62/127,622) 2015-03-03
[30] US (62/128,362) 2015-03-04
[30] US (62/153,999) 2015-04-28
[30] US (62/154,019) 2015-04-28
[30] US (62/167,739) 2015-05-28
[30] US (62/173,788) 2015-06-10
[30] US (62/180,199) 2015-06-16
[30] US (62/186,341) 2015-06-29
[30] US (62/189,916) 2015-07-08

[21] **2,972,065**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **METHODS AND FORMULATIONS FOR TRANSDERMAL ADMINISTRATION**
[54] **METHODES ET FORMULATIONS POUR L'ADMINISTRATION TRANSDERMIQUE**
[72] SAND, BRUCE J., US
[72] BEAL, RYAN R., US
[72] BURNHAM, PHILIPPE H., US
[71] INTELLECTUAL PROPERTY ASSOCIATES, LLC, US
[85] 2017-06-22
[86] 2015-12-23 (PCT/US2015/000229)
[87] (WO2016/105499)
[30] US (PCT/US2014/072239) 2014-12-23
[30] US (62/176,416) 2015-02-17
[30] US (62/176,438) 2015-02-17
[30] US (62/176,419) 2015-02-17
[30] US (62/176,414) 2015-02-17
[30] US (62/176,418) 2015-02-17
[30] US (62/176,417) 2015-02-17
[30] US (62/176,415) 2015-02-17
[30] US (62/177,814) 2015-03-24
[30] US (62/178,192) 2015-04-02
[30] US (62/178,193) 2015-04-02
[30] US (62/178,232) 2015-04-06
[30] US (62/187,756) 2015-07-01
[30] US (62/191,952) 2015-07-13
[30] US (62/198,605) 2015-07-29
[30] US (62/198,599) 2015-07-29
[30] US (62/238,012) 2015-10-06
[30] US (62/261,167) 2015-11-30

[21] **2,972,066**
[13] A1
[51] **Int.Cl. E21B 21/06 (2006.01) C09K 8/02 (2006.01)**
[25] EN
[54] **LOST CIRCULATION MATERIALS COMPRISING RED MUD**
[54] **COLMATANT COMPRENANT DE LA BOUE ROUGE**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BENKLEY, JAMES ROBERT, US
[72] CHATTERJI, JITEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-22
[86] 2015-01-30 (PCT/US2015/013937)
[87] (WO2016/122649)

[21] **2,972,067**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/42 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT AND DETECTION OF CANCERS**
[54] **COMPOSITIONS ET METHODES POUR TRAITER ET DETECTER DES CANCERS**
[72] WONG, CHI-HUEY, US
[72] HSU, TSUI-LING, TW
[72] LOU, YI-WEI, TW
[72] LIN, CHIH-WEI, TW
[72] YEH, SHIHH-CHI, TW
[72] WU, CHUNG-YI, TW
[72] WU, HAN-CHUNG, TW
[71] ACADEMIA SINICA, TW
[85] 2017-06-22
[86] 2015-07-13 (PCT/US2015/040199)
[87] (WO2016/114819)
[30] US (14/599,174) 2015-01-16
[30] US (PCT/US2015/011748) 2015-01-16
[30] US (14/723,297) 2015-05-27
[30] US (PCT/US2015/032745) 2015-05-27

[21] **2,972,072**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **NOVEL GLYCAN CONJUGATES AND METHODS OF USE THEREOF**
[54] **NOUVEAUX COMPOSES CONJUGUES DE GLYCANE ET LEURS METHODES D'UTILISATION**
[72] WU, CHUNG-YI, TW
[72] WONG, CHI-HUEY, US
[71] ACADEMIA SINICA, TW
[85] 2017-06-22
[86] 2015-08-21 (PCT/US2015/046420)
[87] (WO2016/118191)
[30] US (62/107,378) 2015-01-24

[21] **2,972,073**
[13] A1
[51] **Int.Cl. H04H 20/86 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR DIGITAL RADIO BROADCAST WITH CROSS PLATFORM RECEPTION**
[54] **SYSTEMES ET PROCEDE POUR LA RADIODIFFUSION NUMERIQUE AVEC RECEPTION INTER-PLATEFORME**
[72] MILBAR, MAREK, US
[72] EL-DINARY, ASHRUF S., US
[72] CARLOCK, JASON K., US
[72] JURY, JEFFREY, US
[72] DETWEILER, JEFFREY R., US
[72] TENNISWOOD, TIMOTHY L., US
[72] DERIDDER, JAMES, US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067356)
[87] (WO2016/106307)
[30] US (14/580,920) 2014-12-23

[21] **2,972,076**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01)**
[25] EN
[54] **COMBINATION OF RAF INHIBITORS AND AURORA KINASE INHIBITORS**
[54] **COMBINAISON D'INHIBITEURS DE RAF ET D'INHIBITEURS DE KINASES AURORA**
[72] BOZON, VIVIANA, US
[72] GALVIN, KATHERINE M., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067459)
[87] (WO2016/106357)
[30] US (62/096,020) 2014-12-23

[21] **2,972,089**
[13] A1
[51] **Int.Cl. C02F 1/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVED EFFLUENT FREE SEA WATER DESALINATION**
[54] **PROCEDE ET APPAREIL DE DESSALEMENT AMELIORE D'EAU DE MER SANS PRODUCTION D'EFFLUENTS**
[72] LORD, MICHAEL JOHN, US
[71] EFFLUENT FREE DESALINATION CORP., US
[85] 2017-06-22
[86] 2014-12-23 (PCT/US2014/072273)
[87] (WO2016/105403)

[21] **2,972,090**
[13] A1
[51] **Int.Cl. E03C 1/042 (2006.01) A47K 3/02 (2006.01) A47K 3/28 (2006.01)**
[25] EN
[54] **WATER DISCHARGE DEVICE AND BATHTUB DEVICE**
[54] **DISPOSITIF D'EVACUATION D'EAU ET DISPOSITIF DE BAIGNOIRE**
[72] KAWAKAMI, MASASHI, JP
[72] ICHIKAWA, YUICHIRO, JP
[72] HIRAIWA, HIROMITSU, JP
[71] LIXIL CORPORATION, JP
[85] 2017-04-07
[86] 2015-06-22 (PCT/JP2015/067841)
[87] (WO2015/199014)
[30] JP (2014-129729) 2014-06-24

[21] **2,972,091**
[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITIONS**
[54] **COMPOSITIONS FONGICIDES**
[72] HOPKINS, DEREK J., NZ
[72] CATHIE, CHERYL ANN, NZ
[72] MATHIESON, TODD, US
[72] FOSTER, NEIL, FR
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-22
[86] 2015-12-30 (PCT/US2015/068019)
[87] (WO2016/109641)
[30] US (62/098,224) 2014-12-30
[30] US (62/098,199) 2014-12-30
[30] US (62/098,202) 2014-12-30

[21] **2,972,092**
[13] A1
[51] **Int.Cl. B65D 21/02 (2006.01)**
[25] EN
[54] **INDIVIDUALLY SEALED ANTISEPTIC APPLICATORS**
[54] **APPLICATEURS ANTISEPTIQUES INDIVIDUELLEMENT FERMES HERMETIQUEMENT**
[72] TENNICAN, PATRICK O., US
[71] HYPROTEK, INC., US
[85] 2017-06-22
[86] 2015-12-30 (PCT/US2015/068138)
[87] (WO2016/109717)
[30] US (14/588,229) 2014-12-31

[21] **2,972,094**
[13] A1
[51] **Int.Cl. A61F 2/10 (2006.01)**
[25] EN
[54] **MULTI-LAYER SKIN SUBSTITUTE PRODUCTS AND METHODS OF MAKING AND USING THE SAME**
[54] **PRODUITS DE TYPE SUBSTITUTS CUTANES MULTICOUCHES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ATALA, ANTHONY, US
[72] JEONG, GAYOUNG, US
[72] YOO, JAMES J., US
[72] LEE, SANG JIN, US
[72] SEOL, YOUNG-JOON, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2017-06-22
[86] 2016-01-11 (PCT/US2016/012846)
[87] (WO2016/115034)
[30] US (62/102,154) 2015-01-12
[30] US (62/242,008) 2015-10-15

[21] **2,972,095**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01)**
[25] EN
[54] **DUAL PRESSURE RESPIRATORY ASSISTANCE DEVICE**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE A DOUBLE PRESSION**
[72] GUSTAFSON, PETER ALLEN, US
[72] BARNETT, JOSEPH DAVID HUDSON TAYLOR, US
[72] JOHN, STEPHEN CHIRAMUKATHU, US
[72] LE, HOA TRI, US
[71] WESTERN MICHIGAN UNIVERSITY RESEARCH FOUNDATION, US
[85] 2017-06-22
[86] 2016-01-15 (PCT/US2016/013606)
[87] (WO2016/115465)
[30] US (62/104,233) 2015-01-16

[21] **2,972,096**
[13] A1
[51] **Int.Cl. G06F 12/14 (2006.01)**
[25] EN
[54] **MULTI-PARTY ENCRYPTION CUBE PROCESSING APPARATUSES, METHODS AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES DE TRAITEMENT DE CUBE DE CHIFFREMENT POUR DE MULTIPLES PARTIES**
[72] HARRIS, THEODORE, US
[72] EDINGTON, SCOTT, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-06-22
[86] 2016-02-12 (PCT/US2016/017689)
[87] (WO2016/130887)
[30] US (62/115,178) 2015-02-12

[21] **2,972,101**
[13] A1
[51] **Int.Cl. B21D 39/04 (2006.01) B23P 11/00 (2006.01) F16L 13/14 (2006.01) F16L 19/02 (2006.01) F16L 21/00 (2006.01)**
[25] EN
[54] **SWAGE FITTING**
[54] **RACCORD D'EMBOUTISSAGE**
[72] DOBMEIER, JOHN RUSSELL, US
[72] DANHASH, MAY, US
[71] DESIGNED METAL CONNECTIONS, INC., US
[85] 2017-06-22
[86] 2016-03-18 (PCT/US2016/023147)
[87] (WO2016/160375)
[30] US (14/671,796) 2015-03-27

[21] **2,972,103**
[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01) H04N 21/258 (2011.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **ONLINE COLLABORATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COLLABORATION EN LIGNE**
[72] THILAGARAJAH, RANJAN, AU
[72] DISLEY, GARY, GB
[71] CONTEXT SYSTEMS LLP, GB
[85] 2017-06-23
[86] 2015-03-31 (PCT/AU2015/050139)
[87] (WO2016/119005)
[30] AU (2015200410) 2015-01-28

[21] **2,972,104**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SECURING A TRANSACTION**
[54] **SECURISATION D'UNE TRANSACTION**
[72] KARANTZIS, NICKOLAS JOHN, AU
[71] ISIGNTHIS LTD, VG
[85] 2017-06-23
[86] 2015-12-22 (PCT/AU2015/050827)
[87] (WO2016/101027)
[30] AU (2014905270) 2014-12-24

[21] **2,972,106**
[13] A1
[51] **Int.Cl. C06C 7/00 (2006.01) C06B 43/00 (2006.01) F42C 19/08 (2006.01)**
[25] EN
[54] **TUNGSTEN OXIDE PRIMER COMPOSITIONS**
[54] **COMPOSITIONS D'AMORCE A BASE D'OXYDE DE TUNGSTENE**
[72] PALARDY, MARC, CA
[72] JOLICOEUR, BENOIT, CA
[71] GENERAL DYNAMICS, OTS - CANADA, INC., CA
[85] 2017-06-23
[86] 2014-12-23 (PCT/CA2014/051265)
[87] (WO2016/101057)

[21] **2,972,110**
[13] A1
[51] **Int.Cl. H04W 52/04 (2009.01)**
[25] EN
[54] **POWER ALLOCATION METHOD AND COMMUNICATIONS DEVICE**
[54] **PROCEDE D'ATTRIBUTION DE PUISSANCE ET DISPOSITIF DE COMMUNICATION**
[72] SUN, WEI, CN
[72] LV, YONGXIA, CN
[72] WEN, RONGHUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-06-23
[86] 2014-12-23 (PCT/CN2014/094698)
[87] (WO2016/101154)

[21] **2,972,111**
[13] A1
[51] **Int.Cl. C08G 73/02 (2006.01) C09K 8/52 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **LOW DOSE GAS HYDRATE INHIBITOR COMPOSITIONS**
[54] **COMPOSITIONS D'INHIBITEURS D'HYDRATES DE GAZ A FAIBLE DOSE**
[72] OWSIK, IZABELA, US
[72] HASE, ALFRED, GB
[71] ECOLAB USA INC., US
[85] 2017-06-22
[86] 2015-12-28 (PCT/US2015/067593)
[87] (WO2016/109388)
[30] US (14/587,777) 2014-12-31

[21] **2,972,112**
[13] A1
[51] **Int.Cl. C07D 239/52 (2006.01) A61K 31/513 (2006.01) A61K 31/541 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 27/02 (2006.01) C07D 239/48 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **PYRIMIDONE COMPOUNDS USED AS LP-PLA2 INHIBITORS AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **COMPOSES PYRIMIDONE UTILISES COMME INHIBITEURS DE LA LP-PLA2 ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] SHEN, JIANHUA, CN
[72] WANG, YIPING, CN
[72] CHEN, XINDE, CN
[72] XU, WENWEI, CN
[72] WANG, KAI, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2017-06-23
[86] 2015-12-28 (PCT/CN2015/099252)
[87] (WO2016/101927)
[30] CN (201410855183.5) 2014-12-26

[21] **2,972,113**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) B82Y 30/00 (2011.01) B41M 3/14 (2006.01)**
[25] EN
[54] **MICROPARTICLES AND APPARATUS FOR SMART INK PRODUCTION**
[54] **MICROPARTICULES ET APPAREIL DE PRODUCTION D'ENCRE INTELLIGENTE**
[72] MALIC, LIDIJA, CA
[72] ZHANG, XUEFENG, CA
[72] VERES, TEODOR, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2017-06-23
[86] 2015-12-23 (PCT/CA2015/051373)
[87] (WO2016/101079)
[30] US (62/096,689) 2014-12-24

[21] **2,972,114**
[13] A1
[51] **Int.Cl. G01S 19/36 (2010.01) H01Q 1/36 (2006.01) H01Q 9/28 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL ANTENNA WITH FLOATING FENCE**
[54] **ANTENNE TRIDIMENSIONNELLE A CLOISON FLOTTANTE**
[72] CHAMSEDDINE, AHMAD, CA
[71] NOVATEL INC., CA
[85] 2017-06-23
[86] 2016-03-02 (PCT/CA2016/050225)
[87] (WO2016/138589)
[30] US (14/636,272) 2015-03-03

[21] **2,972,115**
[13] A1
[51] **Int.Cl. A01D 34/00 (2006.01) A01D 69/02 (2006.01)**
[25] EN
[54] **POWER TOOL**
[54] **OUTIL A MOTEUR**
[72] WANG, ZHEN, CN
[72] NIE, FANGJIE, CN
[72] LIU, QIAN, CN
[71] NANJING CHERVON INDUSTRY CO., LTD., CN
[85] 2017-06-23
[86] 2015-12-29 (PCT/CN2015/099451)
[87] (WO2016/107551)
[30] CN (201410842915.7) 2014-12-30

[21] **2,972,122**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **A CONTROL APPARATUS FOR HYDRAULIC HEAVY MACHINERY**
[54] **APPAREIL DE COMMANDE POUR MACHINE HYDRAULIQUE LOURDE**
[72] DOLAN, FRANCIS, IE
[71] DOLAN, FRANCIS, IE
[85] 2017-06-23
[86] 2014-12-23 (PCT/EP2014/079243)
[87] (WO2015/097247)
[30] GB (1322928.1) 2013-12-23

[21] **2,972,151**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) C07K 14/25 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **MULTIVALENT CD20-BINDING MOLECULES COMPRISING SHIGA TOXIN A SUBUNIT EFFECTOR REGIONS AND ENRICHED COMPOSITIONS THEREOF**
[54] **MOLECULES MULTIVALENTES DE LIAISON A CD20 COMPRENANT DES REGIONS EFFECTRICES DE SOUS-UNITE A DE LA TOXINE SHIGA ET COMPOSITIONS ENRICHIES CORRESPONDANTES**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[72] KIM, JASON, US
[72] HIGGINS, JACK, US
[72] LIU, JENSING, US
[72] FLORES-LEFRANC, RODNEY, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2017-06-22
[86] 2016-02-04 (PCT/US2016/016580)
[87] (WO2016/126950)
[30] US (62/112,314) 2015-02-05
[30] US (62/249,193) 2015-10-31

[21] **2,972,153**
[13] A1
[51] **Int.Cl. G03G 21/16 (2006.01)**
[25] EN
[54] **REPLACEABLE UNIT FOR AN ELECTROPHOTOGRAPHIC IMAGE FORMING DEVICE HAVING AN ENGAGEMENT MEMBER FOR POSITIONING A MAGNETIC SENSOR**
[54] **UNITE REMPLACABLE POUR UN DISPOSITIF DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE AYANT UN ELEMENT D'ENTREE EN PRISE POUR POSITIONNER UN CAPTEUR MAGNETIQUE**
[72] CARPENTER, BRIAN SCOTT, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2017-06-22
[86] 2016-02-09 (PCT/US2016/017095)
[87] (WO2016/137742)
[30] US (14/631,146) 2015-02-25

[21] **2,972,177**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/415 (2006.01) A61K 31/46 (2006.01)**
[25] EN
[54] **A NASAL COMPOSITION CONTAINING SEA WATER AS STABILITY-IMPROVING EXCIPIENT**
[54] **COMPOSITION NASALE CONTENANT DE L'EAU DE MER EN TANT QU'EXCIPIENT D'AMELIORATION DE STABILITE**
[72] KNEZEVIC, ZDRAVKA, HR
[72] POPOVIC, NINA, HR
[72] KAMBER, SILVIJA, HR
[72] MAVRINAC, MARINA, HR
[71] JADRAN - GALENSKI LABORATORIJ D.D., HR
[85] 2017-06-23
[86] 2014-12-24 (PCT/HR2014/000045)
[87] (WO2016/102984)

[21] **2,972,183**
[13] A1
[51] **Int.Cl. G06T 1/40 (2006.01) G06T 7/13 (2017.01) G01B 11/22 (2006.01) G01J 1/42 (2006.01) G01J 5/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING FRAGMENTED MATERIAL PORTIONS WITHIN AN IMAGE**
[54] **PROCEDE ET APPAREIL PERMETTANT D'IDENTIFIER DES PARTIES DE MATERIAU FRAGMENTE DANS UNE IMAGE**
[72] TAFAZOLI BILANDI, SHAHRAM, CA
[72] RAMEZANI, MAHDI, CA
[72] BELL, IAN LAW, CA
[72] SAMETI, MOHAMMAD, CA
[72] ABOLMAESUMI, PURANG, CA
[72] NOURANIAN, SAMAN, CA
[71] MOTION METRICS INTERNATIONAL CORP., CA
[85] 2017-06-22
[86] 2016-12-13 (PCT/CA2016/000317)
[87] (WO2017/100903)
[30] US (62/267,059) 2015-12-14

[21] **2,972,189**
[13] A1
[51] **Int.Cl. A61K 31/505 (2006.01)**
[25] EN
[54] **COMBINATION OF RAF INHIBITORS AND TAXANES**
[54] **COMBINAISON D'INHIBITEURS DE RAF ET DE TAXANES**
[72] BOZON, VIVIANA, US
[72] GALVIN, KATHERINE M., US
[72] BRAKE, RACHAEL L., US
[72] XU, QUNLI, US
[72] KANNAN, KARUPPIAH, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067462)
[87] (WO2016/106359)
[30] US (62/096,020) 2014-12-23
[30] US (62/242,629) 2015-10-16

[21] **2,972,194**
[13] A1
[51] **Int.Cl. B42D 25/36 (2014.01) B42D 25/405 (2014.01)**
[25] EN
[54] **DYNAMIC SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE DYNAMIQUE**
[72] MACPHERSON, CHARLES D., US
[72] BRASSARD, DANIEL, CA
[72] MALIC, LIDIJA, CA
[72] MORTON, KEITH J., CA
[72] VERES, TEODOR, CA
[72] GARANZOTIS, THEODOROS, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] BANK OF CANADA, CA
[85] 2017-06-23
[86] 2015-12-23 (PCT/IB2015/059968)
[87] (WO2016/103225)
[30] US (62/096,695) 2014-12-24
[30] US (62/096,700) 2014-12-24

[21] **2,972,195**
[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **GLAUCOMA TREATMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DU GLAUCOME**
[72] BROWN, J. DAVID, US
[71] MICROOPTX INC., US
[85] 2017-06-22
[86] 2015-12-30 (PCT/US2015/068017)
[87] (WO2016/109639)
[30] US (62/098,609) 2014-12-31
[30] US (62/235,113) 2015-09-30

[21] **2,972,197**
[13] A1
[51] **Int.Cl. G02B 1/00 (2006.01) B82Y 20/00 (2011.01) B42D 25/29 (2014.01) B42D 25/36 (2014.01) B82B 1/00 (2006.01) C30B 5/00 (2006.01) G02B 26/02 (2006.01)**
[25] EN
[54] **ALIGNMENT AND ROTATION OF JANUS MICROPARTICLES IN RESPONSE TO ACCELERATION**
[54] **ALIGNEMENT ET ROTATION DES MICROPARTICULES JANUS EN REPONSE A L'ACCELERATION**
[72] MACPHERSON, CHARLES D., US
[72] BRASSARD, DANIEL, CA
[72] MALIC, LIDIJA, CA
[72] MORTON, KEITH J., CA
[72] VERES, TEODOR, CA
[72] GARANZOTIS, THEODOROS, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] BANK OF CANADA, CA
[85] 2017-06-23
[86] 2015-12-23 (PCT/IB2015/059971)
[87] (WO2016/103226)
[30] US (62/096,700) 2014-12-24
[30] US (62/096,695) 2014-12-24

[21] **2,972,200**
[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 12/06 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **A WIRELESS SENSOR POD USES TRIGGER EVENTS FOR PAIRING AND TESTING**
[54] **MODULE A CAPTEUR SANS FIL UTILISANT DES EVENEMENTS DE DECLENCHEMENT POUR L'APPARIEMENT ET LE TEST**
[72] CHAN, BILLY CHEUK WAI, CA
[72] FYFE, KIPLING WILLIAM, CA
[72] LUND, GREGORY CHARLES, CA
[72] WILLIAMS, THOMAS RICHARD, CA
[71] 4IIII INNOVATIONS INC., CA
[85] 2017-06-22
[86] 2015-12-24 (PCT/IB2015/002593)
[87] (WO2016/103047)
[30] US (62/096,798) 2014-12-24

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] **2,951,313**
[13] A1
[51] **Int.Cl. A61L 27/50 (2006.01) A61B 6/12 (2006.01) A61F 2/02 (2006.01) A61F 2/12 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **COLORED SILICONE FOR IMPLANT SAFETY**
[54] **SILICONE COLORE POUR ASSURER LA SECURITE D'UN IMPLANT**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-12
[41] 2017-06-22
[30] US (14/978,577) 2015-12-22

---

[21] **2,951,652**
[13] A1
[51] **Int.Cl. A22C 11/00 (2006.01)**
[25] FR
[54] **DEVICE FOR PORTIONING SAUSAGES WOUND AROUND A PLATEN AND FEATURING A CUTTING TOOL**
[54] **APPAREIL DE MISE EN PORTION DE SAUCISSES S'ENROULANT AUTOUR D'UNE PLATINE ET DOTE D'UN OUTIL DE COUPE**
[72] BEUCHER, JEREMY, FR
[71] SYSTEM B, FR
[22] 2016-12-14
[41] 2017-06-29
[30] FR (1563449) 2015-12-29

---

[21] **2,951,899**
[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/14 (2006.01) B65B 67/04 (2006.01) B65B 67/12 (2006.01)**
[25] EN
[54] **SHOPPING CART BAGGING STATION AND METHOD OF FORMING THE SAME**
[54] **POSTE DE MISE EN SAC DE CONTENU DE PANIER D'ACHATS ET METHODE DE FORMATION ASSOCIEE**
[72] BACALLAO, YURGIS MAURO, US
[71] WAL-MART STORES, INC., US
[22] 2016-12-14
[41] 2017-06-22
[30] US (62/377,135) 2016-08-19
[30] US (62/377,143) 2016-08-19
[30] US (62/270,785) 2015-12-22
[30] US (62/270,813) 2015-12-22
[30] US (62/270,827) 2015-12-22
[30] US (62/298,011) 2016-02-22
[30] US (62/298,017) 2016-02-22
[30] US (62/402,475) 2016-09-30

---

[21] **2,953,534**
[13] A1
[51] **Int.Cl. A23L 15/00 (2016.01) A23L 5/10 (2016.01) A23B 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING FROZEN OR REFRIGERATED FRIED EGGS**
[54] **PROCEDE POUR PREPARER DES OEUFS FRITS CONGELES OU REFRIGERES**
[72] YZUEL SANZ, FRANCISCO JAVIER, ES
[71] FOOD STYLE S.L., ES
[22] 2016-12-30
[41] 2017-06-30
[30] ES (PCT/ES2015/070967) 2015-12-30

---

[21] **2,966,116**
[13] A1
[51] **Int.Cl. G01N 21/954 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF INSPECTING INNER SMOOTH WALL OF CORRUGATED DUAL WALL PIPE**
[54] **SYSTEME ET METHODE D'INSPECTION DE PAROI LISSE INTERNE DE TUYAU A DOUBLE PAROI ONDULEE**
[72] DOUGLASS, CARL, III, US
[72] LARKINS, JOSEPH, US
[72] TOLIVER, TIMOTHY, US
[71] PRINSCO, INC., US
[22] 2014-08-12
[41] 2015-02-19
[62] 2,900,578
[30] US (61/864,898) 2013-08-12

---

[21] **2,967,107**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **MANUAL FLUID DISPENSER WITH ELECTRICAL GENERATOR**
[54] **DISTRIBUTEUR MANUEL DE LIQUIDE AVEC GENERATEUR D'ELECTRICITE**
[72] OPHARDT, HEINER, CH
[71] GOTOHTI.COM INC., CA
[22] 2010-02-23
[41] 2010-08-27
[62] 2,694,569
[30] US (12/379,786) 2009-02-27
[30] CA (2,694,569) 2010-01-20

[21] **2,970,774**
[13] A1
[51] **Int.Cl. C07K 7/64 (2006.01) C12N 15/115 (2010.01) A61K 47/61 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/08 (2006.01) C07K 16/30 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **AMATOXIN-ARMED THERAPEUTIC CELL SURFACE BINDING COMPONENTS DESIGNED FOR TUMOUR THERAPY**
[54] **CONSTITUANTS THERAPEUTIQUES CONTENANT DE L'AMATOXINE DE LIAISON A LA SURFACE CELLULAIRE DESTINES A LA THERAPIE DES TUMEURS**
[72] FAULSTICH, HEINZ, DE
[72] MOLDENHAUER, GERHARD, DE
[72] WERNER, SIMON, DE
[72] ANDERL, JAN, DE
[72] MULLER, CHRISTOPH, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] FAULSTICH, HEINZ, DE
[22] 2010-04-08
[41] 2010-10-14
[62] 2,758,201
[30] US (61/167,690) 2009-04-08
[30] US (61/222,227) 2009-07-01

---

[21] **2,971,774**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING NEUTRAL PRICE IMPROVEMENT**
[54] **SYSTEMES ET METHODE D'AMELIORATION DE PRIX NEUTRE**
[72] LUTNICK, HOWARD W., US
[72] SWEETING, MICHAEL, US
[71] BGC PARTNERS INC., US
[22] 2005-09-28
[41] 2006-03-28
[62] 2,521,478
[30] US (60/613,830) 2004-09-28

---

[21] **2,971,794**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[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
[71] ZYMOGENETICS, INC., US
[22] 2008-10-06
[41] 2009-04-09
[62] 2,697,992
[30] US (60/977,584) 2007-10-04
[30] US (61/026,802) 2008-02-07
[30] US (61/095,875) 2008-09-10

---

[21] **2,972,050**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/09 (2006.01) A61M 29/00 (2006.01)**
[25] EN
[54] **CATHETERISATION DEVICE**
[54] **DISPOSITIF DE CATHETERISATION**
[72] ANDRICH, DANIELA, GB
[71] URETHROTECH LTD, GB
[22] 2009-10-28
[41] 2010-05-06
[62] 2,774,596
[30] GB (0820052.9) 2008-10-31

Index of Canadian Patents Issued

July 18, 2017

Index des brevets canadiens délivrés

18 juillet 2017

Index of Canadian Patents Issued
July 18, 2017

Index des brevets canadiens délivrés
18 juillet 2017

Index of Canadian Patents Issued
July 18, 2017

Index des brevets canadiens délivrés
18 juillet 2017

Index of Canadian Patents Issued
July 18, 2017

Index des brevets canadiens délivrés
18 juillet 2017

Index des brevets canadiens délivrés
18 juillet 2017

Index of Canadian Patents Issued
July 18, 2017

Index of Canadian Patents Issued
July 18, 2017

Index of Canadian Applications Open to Public Inspection

July 2, 2017 to July 8, 2017

Index des demandes canadiennes mises à la disponibilité du public

2 juillet 2017 au 8 juillet 2017

Index of Canadian Applications Open to Public Inspection
July 2, 2017 to July 8, 2017

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant