



Canadian
Intellectual Property
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d'Industrie Canada

ISSN-1712-4034

The Patent

Office Record

La Gazette

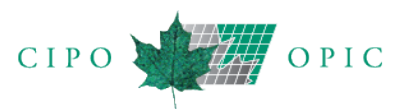
du Bureau des brevets



Vol. 145 No. 43 October 24, 2017

Vol. 145 No. 43 le 24 octobre 2017

Canada



THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

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

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

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Notices

Avis

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

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

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

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

None

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est 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. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

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

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

Aucun

9. Applications Open to Public Inspection

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

10. Language of Published Documents

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

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

9. Demandes mises à la disponibilité du public

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

10. Langue du document publié

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

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

Notices

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).

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).

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 57.2a) 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. 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

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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).

14. Correspondence Procedures

June 20, 2017

1. [Physical Delivery of Correspondence to CIPO](#)
2. [Electronic Correspondence](#)
3. [Details concerning the electronic formats accepted](#)
4. [General Information](#)
5. [Statutory Holidays](#)
6. [Procedures in case of an unexpected Office closure at CIPO](#)
7. [Procedures when CIPO is open for business but clients are unable to communicate with the Office](#)
8. [Intellectual property acts, rules and regulations](#)

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

(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. Procédures de correspondance

le 20 juin, 2017

1. [Livraison en personne de correspondance à l'OPIIC.](#)
2. [Correspondance électronique](#)
3. [Précisions concernant les formats électroniques acceptés](#)
4. [Renseignements généraux](#)
5. [Jours fériés](#)
6. [Procédures en cas de fermeture des bureaux](#)
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](#)
8. [Lois, règles et règlements sur la propriété intellectuelle](#)

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'OPIIC

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

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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
Édifce 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
Édifce Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6

Notices

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.

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

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. 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

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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 MailTM and XpresspostTM services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. 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.

établissements ou des bureaux désignés auxquels 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. 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.

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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.

2.2 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](#)

2.1 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'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

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](#)

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- [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](#).

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](#)

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](#)

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé [Dépôt en ligne de demandes PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être 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.](#)

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](#)

Notices

- [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

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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.

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

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.

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

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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.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically 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 1/2" 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.

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. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique 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.

Avis

ASCII

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

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.

ASCII

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

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés 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.

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4. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

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](#)

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.

4. Renseignements généraux

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

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](#)

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.

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 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.

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

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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:**
 - o First Monday in August (British Columbia Day)
 - o Second Monday in February (British Columbia Family Day)
3. **New Brunswick:** First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador:**
 - o March 17 (St. Patrick's Day)
 - o April 23 (St. George's Day)
 - o June 24 (Discovery Day)
 - o July 12 (Orangemen's Day)
 - o First Monday in August (Regatta Day)
5. **Nova Scotia:** First Monday in August (Civic Holiday)
6. **Ontario:**
 - o Third Monday in February (Ontario Family Day)
 - o 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)

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 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 :**
 - o premier lundi d'août (Fête de la Colombie-Britannique)
 - o deuxième lundi de février (Jour de Famille de la Colombie –Britannique)
3. **Nouveau-Brunswick :** premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador :**
 - o 17 mars (Fête de la Saint-Patrick)
 - o 23 avril (Fête de la Saint-Georges)
 - o 24 juin (Journée de la Découverte)
 - o 12 juillet (Jour des Orangistes)
 - o Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse :** premier lundi d'août (congé statutaire)
6. **Ontario :**
 - o troisième lundi de février (Jour de la Famille de l'Ontario)
 - o premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Édouard :** 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)

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 :

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- 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)

- 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)

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.

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 correspondence 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 utilisant 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

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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.

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

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

Marques de commerce

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

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

8. Intellectual property acts, rules and regulations

- [Copyright Act](#)
- [Copyright Regulations](#)
- [Industrial Design Act](#)
- [Industrial Design Regulations](#)
- [Integrated Circuit Topography Act](#)
- [Integrated Circuit Topography Regulations](#)
- [Interpretation Act](#)
- [Patent Act](#)
- [Patent Rules](#)
- [Regulations under the PCT](#)
- [Trade-marks Regulations](#)

8. Lois, règles et règlements sur la propriété intellectuelle

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 24, 2017 contains applications open to public inspection from October 8, 2017 to October 14, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 octobre 2017 contient les demandes disponibles au public pour consultation pour la période du 8 octobre 2017 au 14 octobre 2017.

Canadian Patents Issued

October 24, 2017

Brevets canadiens délivrés

24 octobre 2017

[11] **2,397,991**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **DIAGNOSIS OF TAUOPATHIES**
[54] **DIAGNOSTIC DES TAUOPATHIES**
[72] VANMECHELEN, EUGEN, BE
[72] VANDERSTICHELE, HUGO, BE
[73] FUJIREBIO EUROPE N.V., BE
[85] 2002-06-28
[86] 2001-01-18 (PCT/EP2001/000560)
[87] (WO2001/055725)
[30] EP (00870008.0) 2000-01-24
[30] US (60/178,391) 2000-01-27
[30] EP (00870280.5) 2000-11-22

[11] **2,478,135**
[13] A1
[51] **Int.Cl. A61K 33/14 (2006.01) A61K 31/194 (2006.01) A61K 31/7004 (2006.01) A61K 33/00 (2006.01) A61K 33/06 (2006.01) A61P 1/10 (2006.01)**
[25] EN
[54] **ELECTROLYTE PURGATIVE**
[54] **PURGATIF ELECTROLYTIQUE**
[72] BORODY, THOMAS JULIUS, AU
[72] RAMRAKHA, SANJAY, AU
[72] SAXON, JOHN, AU
[72] WETTSTEIN, ANTONY, AU
[73] SALIX PHARMACEUTICALS, INC., US
[85] 2004-09-03
[86] 2003-03-04 (PCT/AU2003/000257)
[87] (WO2003/074061)
[30] AU (PS 0887) 2002-03-04

[11] **2,522,859**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 38/36 (2006.01) A61K 39/395 (2006.01) A61P 7/04 (2006.01) C07K 14/745 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **CLOTTING FACTOR-FC CHIMERIC PROTEINS TO TREAT HEMOPHILIA**
[54] **PROTEINES CHIMERIQUES A FACTEUR DE COAGULATION-REGION CONSTANTE (FC) DESTINEES AU TRAITEMENT DE L'HEMOPHILIE**
[72] RIVERA, DANIEL S., US
[72] PETERS, ROBERT T., US
[72] BITONTI, ALAN J., US
[73] BIOVERATIV THERAPEUTICS INC., US
[85] 2005-10-18
[86] 2004-05-06 (PCT/US2004/013940)
[87] (WO2004/101740)
[30] US (60/468,837) 2003-05-06

[11] **2,526,440**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **METHODS OF INCREASING ABIOTIC STRESS TOLERANCE AND/OR BIOMASS IN PLANTS AND PLANTS GENERATED THEREBY**
[54] **PROCEDES D'AUGMENTATION DE LA TOLERANCE DU STRESS ABIOTIQUE DES PLANTES ET PLANTES AINSI PRODUITES**
[72] RONEN, GIL, IL
[72] GOLAN, EZEKIEL, IL
[72] KARCHI, HAGAI, IL
[72] MEISSNER, RAFAEL, IL
[73] EVOGENE LTD., IL
[85] 2005-11-21
[86] 2004-05-20 (PCT/IL2004/000431)
[87] (WO2004/104162)
[30] US (60/472,433) 2003-05-22

[11] **2,566,492**
[13] A1
[51] **Int.Cl. G01N 27/48 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **VOLTAMMETRIC SYSTEMS FOR ASSAYING BIOLOGICAL ANALYTES**
[54] **SYSTEMES VOLTAMETRIQUES DE TITRAGE D'ANALYTES BIOLOGIQUES**
[72] WU, HUAN-PING, US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2006-11-10
[86] 2005-05-16 (PCT/US2005/017009)
[87] (WO2005/114164)
[30] US (60/571,388) 2004-05-14

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,570,195**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07H 21/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **POLYNUCLEOTIDES AND POLYPEPTIDES INVOLVED IN PLANT FIBER DEVELOPMENT AND METHODS OF USING SAME**

[54] **POLYNUCLEOTIDES ET POLYPEPTIDES IMPLIQUES DANS LE DEVELOPPEMENT DE LA FIBRE VEGETALE ET PROCEDES PERMETTANT DE LES UTILISER**

[72] RONEN, GIL, IL
[72] GOLD, EVGENIA, IL
[72] YELIN, RODRIGO, IL
[72] MEISSNER, RAFAEL, IL
[72] KARCHI, HAGAI, IL
[72] AYAL, SHARON, IL
[73] EVOGENE LTD., IL
[85] 2006-12-14
[86] 2005-06-14 (PCT/IL2005/000627)
[87] (WO2005/121364)
[30] US (60/578,833) 2004-06-14

[11] **2,580,290**
[13] A1

[51] **Int.Cl. G21B 1/00 (2006.01)**

[25] EN

[54] **A SONOFUSION DEVICE AND METHOD OF OPERATING THE SAME**

[54] **DISPOSITIF DE SONOFUSION ET METHODE D'EXPLOITATION**

[72] TOMORY, NICHOLAS A., CA
[73] TOMORY, NICHOLAS A., CA
[86] (2580290)
[87] (2580290)
[22] 2007-03-02
[30] CA (2,539,054) 2006-03-09

[11] **2,584,911**
[13] A1

[51] **Int.Cl. C07D 498/22 (2006.01)**

[25] EN

[54] **CRYSTALLINE AND AMORPHOUS N-BENZOYL-STAUROSPORINE**

[54] **N BENZOYL STAUROSPORINE CRISTALLINE ET AMORPHE**

[72] HOEHN, PASCALE, FR
[72] KOCH, BERND, FR
[72] MUTZ, MICHAEL, DE
[73] NOVARTIS AG, CH
[85] 2007-04-20
[86] 2005-11-03 (PCT/EP2005/011789)
[87] (WO2006/048296)
[30] US (60/625,343) 2004-11-05
[30] US (60/642,131) 2005-01-07

[11] **2,595,366**
[13] A1

[51] **Int.Cl. C09D 7/14 (2006.01) C09D 201/06 (2006.01)**

[25] EN

[54] **COATING COMPOSITIONS AND METHODS OF APPLYING THE SAME**

[54] **COMPOSITIONS DE REVETEMENT ET METHODES D'APPLICATION CONNEXES**

[72] HAVLIN, DENNIS LEE JR., US
[72] NICHOLS, MARK EDWARD, US
[73] FORD MOTOR COMPANY, US
[86] (2595366)
[87] (2595366)
[22] 2007-07-31
[30] US (60/821,174) 2006-08-02

[11] **2,600,208**
[13] A1

[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/042 (2006.01)**

[25] EN

[54] **CORRELATION OF CARDIAC ELECTRICAL MAPS WITH BODY SURFACE MEASUREMENTS**

[54] **CORRELATION DE CARTES ELECTRIQUES ENDOCARDIAQUES AVEC MESURES A LA SURFACE DU CORPS**

[72] SCHWARTZ, YITZHACK, IL
[72] BAR-TAL, MEIR, IL
[72] PORATH, JOSHUA, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2600208)
[87] (2600208)
[22] 2007-09-06
[30] US (60/824,680) 2006-09-06
[30] US (11/845,973) 2007-08-28

[11] **2,605,589**
[13] A1

[51] **Int.Cl. A61M 16/08 (2006.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01) A61M 16/00 (2006.01)**

[25] EN

[54] **VENTILATOR CIRCUIT AND METHOD FOR THE USE THEREOF**

[54] **INHALATEUR ET PROCEDE D'UTILISATION**

[72] FOLEY, MARTIN P., CA
[72] GRZYCHOWSKI, JERRY R., US
[72] BLACKER, RICK, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2007-10-22
[86] 2006-04-26 (PCT/IB2006/001027)
[87] (WO2006/114699)
[30] US (60/675,944) 2005-04-28

Canadian Patents Issued
October 24, 2017

[11] **2,608,692**
[13] A1
[51] **Int.Cl. G06Q 99/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UNLIMITED LICENSING TO A FIXED NUMBER OF DEVICES**
[54] **SYSTEME ET PROCEDE D'ATTRIBUTION DE LICENCES LIMITEES A UN NOMBRE FIXE DE DISPOSITIFS**
[72] ACHE, MARC, US
[72] PENCE, WILLIAM E., US
[73] RHAPSODY INTERNATIONAL INC., US
[85] 2007-11-16
[86] 2006-05-16 (PCT/US2006/019103)
[87] (WO2006/127359)
[30] US (11/137,347) 2005-05-24

[11] **2,609,627**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS USEFUL FOR INHIBITING ACID SECRETION**
[54] **PREPARATIONS PHARMACEUTIQUES INHIBANT LES SECRETIONS ACIDES, PROCEDE DE FABRICATION ET METHODE D'UTILISATION**
[72] OLMSTEAD, KAY, US
[72] HALL, WARREN, US
[72] PROEHL, GERALD T., US
[73] SANTARUS, INC., US
[85] 2007-11-23
[86] 2005-11-28 (PCT/US2005/042874)
[87] (WO2006/127044)
[30] US (11/138,763) 2005-05-25

[11] **2,620,055**
[13] A1
[51] **Int.Cl. H04M 1/00 (2006.01)**
[25] EN
[54] **SEAMLESS MOBILITY FOR A MULTIPLE INTERFACE DEVICE IN A CO-LOCATED WIRELESS ENVIRONMENT**
[54] **MOBILITE TRANSPARENTE POUR UN DISPOSITIF A INTERFACE MULTIPLE DANS UN ENVIRONNEMENT SANS FIL COLOCALISE**
[72] FAMOLARI, DAVID, US
[73] TELCORDIA TECHNOLOGIES, INC., US
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2008-02-21
[86] 2006-08-22 (PCT/US2006/032823)
[87] (WO2007/024887)
[30] US (11/161,915) 2005-08-22

[11] **2,623,330**
[13] A1
[51] **Int.Cl. A61H 23/02 (2006.01) A61H 23/04 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR PREVENTING DEEP VEIN THROMBOSIS**
[54] **APPAREIL DE PREVENTION DE LA THROMBOSE VEINEUSE PROFONDE**
[72] MEYER, WALTER, AU
[72] WREN, GREGORY ALLAN, AU
[72] BENNETT, WAYNE, AU
[73] NEW TEC PTY LTD, AU
[85] 2008-03-20
[86] 2006-08-11 (PCT/AU2006/001156)
[87] (WO2007/033401)
[30] AU (2005905254) 2005-09-23
[30] AU (2006902442) 2006-05-09

[11] **2,623,666**
[13] A1
[51] **Int.Cl. A61K 35/19 (2015.01) A01N 1/02 (2006.01) A61K 9/19 (2006.01)**
[25] EN
[54] **DRY PLATELET COMPOSITION**
[54] **COMPOSITION DE PLAQUETTES DESSECHEES**
[72] WAGNER, CHRISTOPHER T., US
[72] CONNOR, JEROME, US
[72] HARPER, JOHN R., US
[73] LIFECCELL CORPORATION, US
[85] 2008-03-26
[86] 2006-09-26 (PCT/US2006/037741)
[87] (WO2007/038629)
[30] US (60/720,851) 2005-09-26

[11] **2,631,299**
[13] A1
[51] **Int.Cl. H02P 25/03 (2016.01) H02K 21/14 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **BRUSHLESS MOTOR SPEED CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VITESSE DE MOTEUR SANS BALAIS**
[72] MARKHAM, RICHARD, GB
[73] BOSCH SECURITY SYSTEMS BV, NL
[86] (2631299)
[87] (2631299)
[22] 2008-05-09

[11] **2,631,793**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) B65H 37/00 (2006.01)**
[25] EN
[54] **METHOD OF MAKING COMPOSITE WEBS OF RECORD MEMBERS AND RECORD MEMBERS MADE THEREBY**
[54] **METHODE DE FABRICATION DE TRAMES COMPOSITES D'ELEMENTS D'ENREGISTREMENT ET ELEMENTS D'ENREGISTREMENT AINSI OBTENUS**
[72] BAUER, RICHARD K., US
[73] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[86] (2631793)
[87] (2631793)
[22] 2008-05-15
[30] US (11/805,444) 2007-05-23

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,639,498**
[13] A1

[51] **Int.Cl. H01L 31/10 (2006.01) H04N 5/378 (2011.01)**

[25] EN

[54] **DEVICE AND PIXEL ARCHITECTURE FOR HIGH RESOLUTION DIGITAL IMAGING**

[54] **DISPOSITIF ET ARCHITECTURE DE PIXELS POUR IMAGERIE NUMERIQUE A HAUTE RESOLUTION**

[72] KARIM, KARIM S., CA

[72] TAGHIBAKHSH, FARHAD, CA

[73] SIMON FRASER UNIVERSITY, CA

[86] (2639498)

[87] (2639498)

[22] 2008-09-11

[30] CA (2,603,302) 2007-09-11

[11] **2,646,558**
[13] A1

[51] **Int.Cl. G01V 1/02 (2006.01) G01V 1/04 (2006.01) G01V 1/40 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR GENERATING A SEISMIC SOURCE SIGNAL**

[54] **APPAREIL ET PROCEDURE POUR GENERER UN SIGNAL DE SOURCE SISMIQUE**

[72] WEI, ZHOUHONG WEI, US

[72] CROWELL, JOHN M., US

[72] TESKE, JAMES E., US

[73] INOVA LTD., KY

[85] 2008-09-18

[86] 2007-03-27 (PCT/US2007/007523)

[87] (WO2007/126785)

[30] US (60/786,224) 2006-03-27

[30] US (60/825,285) 2006-09-12

[11] **2,648,943**
[13] A1

[51] **Int.Cl. A61K 31/4188 (2006.01) A61P 25/00 (2006.01)**

[25] FR

[54] **MAZINDOL COMBINATION IN THE TREATMENT OF ATTENTION DEFICIT/HYPERACTIVITY**

[54] **ASSOCIATION DU MAZINDOL DANS LE TRAITEMENT DU DEFICIT DE L'ATTENTION/HYPERACTIVITE**

[72] KONOFAL, ERIC, FR

[73] NLS-1 PHARMA AG, CH

[85] 2008-10-09

[86] 2007-04-11 (PCT/EP2007/053512)

[87] (WO2007/116076)

[30] FR (0603197) 2006-04-11

[11] **2,650,132**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 3/10 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **MODULATION OF LIPID RAFTS**

[54] **MODULATION DES RADEAUX LIPIDIQUES**

[72] HANSSON, HANS-ARNE, SE

[73] LANTMANNEN AS-FAKTOR AB, SE

[85] 2008-10-21

[86] 2007-04-27 (PCT/SE2007/000415)

[87] (WO2007/126365)

[30] SE (0600933-6) 2006-04-27

[30] US (60/920,826) 2007-03-30

[11] **2,650,301**
[13] A1

[51] **Int.Cl. H04H 60/02 (2009.01) H04H 20/38 (2009.01) H04H 60/72 (2009.01) H04N 21/262 (2011.01) H04N 21/431 (2011.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR NAVIGATING THROUGH CONTENT IN AN ORGANIZED AND CATEGORIZED FASHION**

[54] **PROCEDE ET SYSTEME PERMETTANT DE NAVIGUER DANS UN CONTENU DE MANIERE ORGANISEE ET CATEGORISEE**

[72] GERBA, GEORGE, US

[72] JOY, MARGEIGH, US

[72] NICHOLS, MICHAEL, US

[72] TAKAHASHI, DREW, US

[72] LAMBERT, ROBERT, US

[73] CUMNOR TECHNOLOGIES LLC, US

[86] (2650301)

[87] (2650301)

[22] 1999-02-04

[62] 2,319,519

[30] US (09/018,541) 1998-02-04

[30] US (09/103,315) 1998-06-24

[30] US (09/103,316) 1998-06-24

[30] US (09/103,317) 1998-06-24

[30] US (09/104,608) 1998-06-24

[11] **2,651,464**
[13] A1

[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/4725 (2011.01) H04N 21/80 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CAPTION PRODUCTION**

[54] **METHODE ET APPAREIL POUR PRODUCTION DE SOUS-TITRE**

[72] CHAPDELAINE, CLAUDE, CA

[72] BEAULIEU, MARIO, CA

[72] GAGNON, LANGIS, CA

[73] CRIM (CENTRE DE RECHERCHE INFORMATIQUE DE MONTREAL), CA

[86] (2651464)

[87] (2651464)

[22] 2009-01-27

[30] US (61/049,105) 2008-04-30

**Canadian Patents Issued
October 24, 2017**

[11] **2,651,747**
[13] A1

[51] **Int.Cl. C12P 7/04 (2006.01) C12N 15/09 (2006.01) C12P 5/00 (2006.01) C12P 7/02 (2006.01) C12P 7/40 (2006.01) C12P 23/00 (2006.01) C12N 9/00 (2006.01) C12N 9/10 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **PRODUCTION OF ISOPRENOIDS**

[54] **PRODUCTION D'ISOPRENOIDES**

[72] RENNINGER, NEIL STEPHEN, US

[72] NEWMAN, JACK, US

[72] REILING, KEITH KINKEAD, US

[72] REGENTIN, RIKA, US

[72] PADDON, CHRISTOPHER JOHN, US

[73] AMYRIS, INC., US

[85] 2008-11-10

[86] 2007-05-25 (PCT/US2007/069807)

[87] (WO2007/140339)

[30] US (60/808,989) 2006-05-26

[30] US (60/870,592) 2006-12-18

[11] **2,653,696**
[13] A1

[51] **Int.Cl. A61K 39/15 (2006.01) A61K 39/275 (2006.01) A61K 49/00 (2006.01) A61P 37/04 (2006.01) C12N 7/01 (2006.01) C12N 15/46 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **RECOMBINANT VACCINE AGAINST BLUETONGUE VIRUS**

[54] **VACCIN RECOMBINANT CONTRE LE VIRUS DE LA FIEVRE CATARRHALE OVINE**

[72] AUDONNET, JEAN CHRISTOPHE FRANCIS, FR

[72] KARACA, KEMAL, US

[72] MACLACHLAN, NIGEL JAMES, US

[72] YAO, JIANGSHENG, CA

[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[73] MERIAL, INC., US

[85] 2008-11-27

[86] 2007-05-30 (PCT/US2007/012709)

[87] (WO2008/030282)

[30] US (11/444,698) 2006-06-01

[11] **2,658,727**
[13] A1

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

[25] EN

[54] **INTERACTIVE SEGMENTATION OF IMAGES WITH SINGLE SCRIBBLES**

[54] **SEGMENTATION INTERACTIVE D'IMAGES AVEC DES DESSINS SIMPLES**

[72] AHARONI, NADAV, IL

[72] ZOMET, ASSAF, IL

[72] GONEN, YOAV, IL

[73] HUMANEYES TECHNOLOGIES LTD., IL

[85] 2009-01-22

[86] 2007-07-25 (PCT/IL2007/000922)

[87] (WO2008/012808)

[30] US (60/820,232) 2006-07-25

[11] **2,668,297**
[13] A1

[51] **Int.Cl. G06T 5/00 (2006.01) A61B 6/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SHUTTER DETECTION**

[54] **SYSTEME ET PROCEDE DE DETECTION D'ECRAN DE BLINDAGE**

[72] YU, SONGYANG, CA

[72] ACCOMAZZI, VITTORIO, CA

[72] GEIGER, PAUL, CA

[73] CEDARA SOFTWARE CORP., CA

[85] 2009-05-01

[86] 2007-09-19 (PCT/CA2007/001636)

[87] (WO2008/034222)

[30] US (60/826,094) 2006-09-19

[11] **2,670,489**
[13] A1

[51] **Int.Cl. A61M 5/175 (2006.01)**

[25] EN

[54] **DRIVE MECHANISM AND METHOD OF USE**

[54] **MECANISME D'ENTRAINEMENT ET METHODE D'UTILISATION**

[72] SHIPWAY, IAN M., US

[72] O'CONNOR, SEAN, US

[73] ANIMAS CORPORATION, US

[86] (2670489)

[87] (2670489)

[22] 2009-06-29

[30] US (61/076,797) 2008-06-30

[11] **2,672,587**
[13] A1

[51] **Int.Cl. B41F 17/36 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PROCESSING AND/OR INSPECTING PELLET-SHAPED ARTICLES**

[54] **METHODE ET APPAREIL PERMETTANT DE TRAITER ET CONVOYER DES ARTICLES EN FORME DE BILLES**

[72] ACKLEY, E. MICHAEL, JR., US

[72] FORD, MARK, US

[72] PALMER, DANIEL J., US

[73] ACKLEY MACHINE CORPORATION, US

[85] 2009-06-12

[86] 2007-12-14 (PCT/US2007/025570)

[87] (WO2008/076341)

[30] US (60/874,717) 2006-12-14

[11] **2,674,285**
[13] A1

[51] **Int.Cl. A61B 5/151 (2006.01)**

[25] EN

[54] **LANCING DEVICE WITH BENDING MECHANISM**

[54] **DISPOSITIF DE LANCE DOTE D'UN MECANISME DE COURBURE**

[72] KONYA, AHMET, DE

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2009-06-30

[86] 2007-12-29 (PCT/EP2007/011469)

[87] (WO2008/083844)

[30] EP (07000658.0) 2007-01-13

[30] EP (07015132.9) 2007-08-01

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,674,658**

[13] A1

- [51] **Int.Cl. D21H 19/16 (2006.01) A47L 13/00 (2006.01) B24D 3/28 (2006.01) D21H 19/26 (2006.01)**
- [25] EN
- [54] **FLEXIBLE, SHEET-LIKE SUBSTRATES HAVING AN ABRASIVE SURFACE**
- [54] **SUBSTRATS PLATS FLEXIBLES PRESENTANT UNE SURFACE ABRASIVE**
- [72] PERETOLCHIN, MAXIM, DE
- [72] SCHERR, GUENTER, DE
- [72] Ettl, ROLAND, DE
- [72] SCHAEGLER, VOLKER, US
- [73] BASF SE, DE
- [85] 2009-06-29
- [86] 2008-01-22 (PCT/EP2008/050673)
- [87] (WO2008/090136)
- [30] EP (07101114.2) 2007-01-24

[11] **2,675,058**

[13] A1

- [51] **Int.Cl. B61D 39/00 (2006.01)**
- [25] EN
- [54] **RAIL CAR COVER SYSTEM**
- [54] **SYSTEME DE COUVERTURE DE WAGON**
- [72] SCHAEFER, DAVID J., US
- [72] DIMMER, NATHAN P., US
- [72] KNIGHT, STEVEN J., US
- [72] DIMMER, JERRY R., US
- [72] KRAJEWSKI, MICHAEL P., US
- [72] KLEINSASSER, KEVIN J., US
- [72] EWALD, CARLA K., US
- [73] SHUR-CO, LLC, US
- [86] (2675058)
- [87] (2675058)
- [22] 2009-08-07
- [30] US (61/088,039) 2008-08-12
- [30] US (12/507,210) 2009-07-22

[11] **2,676,219**

[13] A1

- [51] **Int.Cl. H04N 19/14 (2014.01) H04N 19/136 (2014.01) H04N 19/182 (2014.01) H04N 19/635 (2014.01) H04N 19/85 (2014.01) H04N 19/87 (2014.01)**
- [25] EN
- [54] **COMPUTER METHOD AND APPARATUS FOR PROCESSING IMAGE DATA**
- [54] **PROCEDE ET APPAREIL INFORMATIQUES PERMETTANT DE TRAITER DES DONNEES D'IMAGE**
- [72] PACE, CHARLES P., US
- [73] EUCLID DISCOVERIES, LLC, US
- [85] 2009-07-22
- [86] 2008-01-04 (PCT/US2008/000090)
- [87] (WO2008/091483)
- [30] US (60/881,966) 2007-01-23

[11] **2,676,591**

[13] A1

- [51] **Int.Cl. G06Q 10/06 (2012.01)**
- [25] EN
- [54] **DYNAMIC ORDER WORKFLOW TEMPLATE INSTANTIATOR TRACKING SYSTEM**
- [54] **SYSTEME DE SUIVI D'INSTANCIATEUR DE GABARIT DE FLUX DE TRAVAIL DYNAMIQUE**
- [72] GANDINI, STEFANO, FR
- [72] CELINAK, JURAJ, SK
- [72] CASCIO, CALOGERO, IT
- [72] MONTESISSA, MARCO, IT
- [73] ACCENTURE GLOBAL SERVICES LIMITED, IE
- [86] (2676591)
- [87] (2676591)
- [22] 2009-08-25
- [30] EP (08425581.9) 2008-08-29

[11] **2,678,093**

[13] A1

- [51] **Int.Cl. A61K 33/00 (2006.01) A23L 33/16 (2016.01) A23L 2/52 (2006.01)**
- [25] EN
- [54] **PERFORMANCE ENHANCING COMPOSITION AND USE THEREOF**
- [54] **COMPOSITION AMELIORANT LA PERFORMANCE ET UTILISATION DE CELLE-CI**
- [72] LUNDBERG, JON, SE
- [72] WEITZBERG, EDDIE, SE
- [73] HEARTBEET LTD., GB
- [85] 2009-08-11
- [86] 2008-02-26 (PCT/SE2008/050211)
- [87] (WO2008/105730)
- [30] SE (0700520-0) 2007-02-26
- [30] SE (0700729-7) 2007-03-22

[11] **2,678,518**

[13] A1

- [51] **Int.Cl. A61B 5/151 (2006.01)**
- [25] EN
- [54] **DISPOSABLE PUNCTURING DEVICE AND REUSABLE HANDLING DEVICE FOR A PUNCTURING DEVICE**
- [54] **DISPOSITIF DE PIQURE JETABLE ET DISPOSITIF DE MANIPULATION REUTILISABLE POUR UN DISPOSITIF DE PIQURE**
- [72] DECK, FRANK, DE
- [72] KONYA, AHMET, DE
- [72] HERPICHBOEHM, LINDLEY, DE
- [73] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2009-08-17
- [86] 2008-02-28 (PCT/EP2008/001560)
- [87] (WO2008/110267)
- [30] EP (07004860.8) 2007-03-09

Canadian Patents Issued
October 24, 2017

[11] **2,679,618**
[13] A1
[51] **Int.Cl. H02B 1/56 (2006.01) B65D 85/86 (2006.01) F24F 13/20 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **PASSIVE VENTILATION FOR OUTDOOR ELECTRICAL ENCLOSURES**
[54] **VENTILATION PASSIVE POUR ENCEINTE ELECTRIQUE EXTERIEURE**
[72] CORTES-RICO, GUSTAVO, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2679618)
[87] (2679618)
[22] 2009-09-21
[30] US (61/099,280) 2008-09-23
[30] US (12/559,600) 2009-09-15

[11] **2,684,487**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 3/01 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **COLLABORATIVE VIRTUAL REALITY SYSTEM USING MULTIPLE MOTION CAPTURE SYSTEMS AND MULTIPLE INTERACTIVE CLIENTS**
[54] **SYSTEME DE REALITE VIRTUELLE COLLABORATIF UTILISANT DE MULTIPLES SYSTEMES DE CAPTURE DE MOUVEMENT ET DE MULTIPLES CLIENTS INTERACTIFS**
[72] LEWIS, GEORGE STEVEN, US
[72] VALENTINO, JOHN, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2009-10-16
[86] 2008-04-17 (PCT/US2008/060562)
[87] (WO2008/131054)
[30] US (60/912,280) 2007-04-17

[11] **2,684,847**
[13] A1
[51] **Int.Cl. F28F 21/08 (2006.01) A47J 36/02 (2006.01) F28F 13/00 (2006.01)**
[25] EN
[54] **THERMAL CONDUCTION PRINCIPLE AND DEVICE FOR INTERCROSSED STRUCTURE HAVING DIFFERENT THERMAL CHARACTERISTICS**
[54] **PRINCIPE DE CONDUCTION THERMIQUE ET DISPOSITIF POUR STRUCTURE ENTRECROISEE POSSEDANT DIVERSES CARACTERISTIQUES THERMIQUES**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, TW
[86] (2684847)
[87] (2684847)
[22] 2009-11-09

[11] **2,689,775**
[13] A1
[51] **Int.Cl. G01V 7/00 (2006.01)**
[25] EN
[54] **GRAVITY SURVEY WITH RELATIVE AND ABSOLUTE GRAVIMETERS**
[54] **LEVE GRAVIMETRIQUE AVEC GRAVIMETRES RELATIFS ET ABSOLUS**
[72] NIEBAUER, TIMOTHY M., US
[73] MICRO-G LACOSTE, LLC, US
[86] (2689775)
[87] (2689775)
[22] 2010-01-07
[30] US (12/353,839) 2009-01-14

[11] **2,690,616**
[13] A1
[51] **Int.Cl. A01H 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SEEDLESS PEPPER PLANT**
[54] **PLANT DE POIVRON SANS PEPIN**
[72] BAR, MOSHE, IL
[72] NIR, BENJAMIN, IL
[72] LIFSCHITZ, LIORA, IL
[73] SYNGENTA PARTICIPATIONS AG, CH
[73] ZERAIM GEDERA LTD., IL
[85] 2009-12-11
[86] 2008-06-13 (PCT/EP2008/057486)
[87] (WO2008/152134)
[30] IL (183902) 2007-06-13

[11] **2,691,138**
[13] A1
[51] **Int.Cl. G01S 17/93 (2006.01) B60R 21/0134 (2006.01) B60W 30/08 (2012.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING SYSTEM WITH DRIVER ASSISTANCE CAPABILITIES**
[54] **SYSTEME D'ECLAIRAGE A FONCTIONS D'ASSISTANCE AU CONDUCTEUR**
[72] MIMEAULT, YVAN, CA
[72] CANTIN, DANIEL, CA
[73] LEDDARTECH INC., CA
[85] 2009-12-15
[86] 2008-06-18 (PCT/CA2008/001160)
[87] (WO2008/154736)
[30] US (60/944,657) 2007-06-18

[11] **2,691,502**
[13] A1
[51] **Int.Cl. H04W 28/12 (2009.01) H04W 24/02 (2009.01) H04L 12/24 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **CONTROLLING A PACKET FLOW FROM A USER EQUIPMENT**
[54] **CONTROLE D'UN FLUX DE PAQUETS A PARTIR D'UN EQUIPEMENT D'UTILISATEUR**
[72] HEDMAN, PETER, SE
[72] HERRERO VERON, CHRISTIAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[86] (2691502)
[87] (2691502)
[22] 2010-02-01
[30] US (12/694,378) 2010-01-27

[11] **2,693,464**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **ANTI-CD37 ANTIBODIES**
[54] **ANTICORPS ANTI-CD37**
[72] HEIDER, KARL-HEINZ, DE
[72] BORGES, ERIC, DE
[72] OSTERMANN, ELINBORG, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2010-01-08
[86] 2008-08-08 (PCT/EP2008/060464)
[87] (WO2009/019312)
[30] EP (07114128.7) 2007-08-09

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,693,744**

[13] A1

- [51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **LEAKY-WAVE ANTENNAS FOR MEDICAL APPLICATIONS**
[54] **ANTENNES A ONDES DE FUITE POUR APPLICATIONS MEDICALES**
[72] ROSSETTO, FRANCESCA, US
[72] BRANNAN, JOSEPH D., US
[72] PAULUS, JOSEPH A., US
[72] DEBORSKI, CHRISTOPHER A., US
[73] COVIDIEN LP, US
[86] (2693744)
[87] (2693744)
[22] 2010-02-19
[30] US (12/389,906) 2009-02-20

[11] **2,694,944**

[13] A1

- [51] **Int.Cl. C12N 9/04 (2006.01) C12P 7/10 (2006.01)**
[25] EN
[54] **POLYPEPTIDE HAVING NADH DEPENDENT HMF REDUCTASE ACTIVITY**
[54] **POLYPEPTIDE PRESENTANT UNE ACTIVITE DE REDUCTASE HMH DEPENDANTE DE NADH**
[72] HAHN-HAGERDAL, BARBEL, SE
[72] LIDEN, GUNNAR, SE
[72] MODIG, TOBIAS, SE
[72] ALMEIDA, JOAO, BR
[72] LAADAN, BOAZ, IL
[72] GORWA-GRAUSLUND, MARIE F., SE
[73] NOVOZYMES A/S, DK
[85] 2010-01-28
[86] 2008-07-11 (PCT/SE2008/000444)
[87] (WO2009/017441)
[30] SE (0701797-3) 2007-07-31

[11] **2,695,411**

[13] A1

- [51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INJECTION DEVICE WITH LOCKING MECHANISM FOR SYRINGE CARRIER**
[54] **DISPOSITIF D'INJECTION A MECANISME DE VERROUILLAGE POUR PORTE-SERINGUE**
[72] JENNINGS, DOUGLAS IVAN, GB
[73] CILAG GMBH INTERNATIONAL, CH
[85] 2010-02-02
[86] 2008-07-28 (PCT/GB2008/002578)
[87] (WO2009/019437)
[30] GB (0715460.2) 2007-08-08

[11] **2,697,223**

[13] A1

- [51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/22 (2006.01)**
[25] EN
[54] **FLEXIBLE LAMINATED HIP AND RIDGE SHINGLE**
[54] **BARDEAUX D'ARETIER ET DE FAITE SOUPLES LAMELLES**
[72] GRUBKA, LAWRENCE J., US
[72] FREY, JENNIFER L., US
[72] LOFTUS, JAMES E., US
[72] VERMILION, DONN R., US
[72] GUERRA, JASON D., US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[86] (2697223)
[87] (2697223)
[22] 2010-03-19
[30] US (61/161,996) 2009-03-20
[30] US (61/162,111) 2009-03-20

[11] **2,697,316**

[13] A1

- [51] **Int.Cl. A61B 10/00 (2006.01) A61B 5/00 (2006.01) A61B 5/103 (2006.01) A61B 5/1455 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING SKIN ERYTHEMA**
[54] **METHODE POUR MESURER L'ERYTHEME**
[72] STAMATAS, GEORGIOS, FR
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[86] (2697316)
[87] (2697316)
[22] 2010-03-18
[30] US (12/411,642) 2009-03-26

[11] **2,698,242**

[13] A1

- [51] **Int.Cl. A47C 7/44 (2006.01) A47C 7/40 (2006.01)**
[25] EN
[54] **CONFORMING BACK FOR A SEATING UNIT**
[54] **DOSSIER CONFORME POUR UNE UNITE DE SIEGE**
[72] PETERSON, GORDON J., US
[72] NORMAN, CHRISTOPHER J., US
[72] HOLDREDGE, RUSSELL, US
[72] SMITH, BRUCE, US
[72] PEARSON, LUKE, GB
[72] OVERTHUN, THOMAS, US
[72] JOHNSON, KARA, US
[73] STEELCASE INC., US
[85] 2010-03-01
[86] 2009-05-26 (PCT/US2009/003235)
[87] (WO2009/151545)
[30] US (61/056,051) 2008-05-26

Canadian Patents Issued
October 24, 2017

[11] **2,698,286**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) C07D 319/12 (2006.01) C08G 63/08 (2006.01)**

[25] EN

[54] **CONDENSATION AND WASHING DEVICE, POLYMERISATION DEVICE AND ALSO METHOD FOR CLEANING PROCESS VAPOURS DURING THE PRODUCTION OF POLYLACTIDE**

[54] **DISPOSITIF DE CONDENSATION ET DE LAVAGE, DISPOSITIF DE POLYMERISATION ET PROCEDE POUR PURIFIER DES VAPEURS INDUSTRIELLES LORS DE LA PRODUCTION DE POLYLACTIDE**

[72] HAGEN, RAINER, DE
[72] MUEHLBAUER, UDO, DE
[72] TECHLIN, WILLI, DE
[73] UHDE INVENTA-FISCHER GMBH, DE

[85] 2010-03-02
[86] 2008-08-05 (PCT/EP2008/006432)
[87] (WO2009/030330)
[30] EP (07 017 233.3) 2007-09-03

[11] **2,700,112**
[13] A1

[51] **Int.Cl. A61L 2/04 (2006.01) A47L 15/46 (2006.01) A61L 2/24 (2006.01) B08B 13/00 (2006.01)**

[25] EN

[54] **CLEANING METHOD WITH IMPROVED LONG-TERM HYGIENE EFFECT**

[54] **METHODE DE NETTOYAGE AVEC AMELIORATION DES EFFETS HYGIENIQUES A LONG TERME**

[72] BRAUN, MARKUS, DE
[72] PEUKERT, THOMAS, DE
[73] MEIKO MASCHINENBAU GMBH & CO. KG, DE

[86] (2700112)
[87] (2700112)
[22] 2010-04-14
[30] EP (09 005 409.9) 2009-04-16

[11] **2,700,394**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **MODIFIED ANTIBODY CONSTANT REGION**

[54] **REGION CONSTANTE D'ANTICORPS MODIFIE**

[72] IGAWA, TOMOYUKI, JP
[72] SHIRAIWA, HIROTAKE, JP
[73] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP

[85] 2010-03-22
[86] 2008-09-26 (PCT/JP2008/067483)
[87] (WO2009/041613)
[30] JP (2007-250147) 2007-09-26

[11] **2,700,499**
[13] A1

[51] **Int.Cl. H04N 19/597 (2014.01) H04N 19/88 (2014.01) H04N 13/00 (2006.01)**

[25] EN

[54] **A METHOD AND SYSTEM FOR ENCODING AND DECODING MULTIPLEXED PRIMARY AND SECONDARY VIDEO DATA SIGNALS**

[54] **PROCEDE ET SYSTEME POUR CODER ET DECODER DES SIGNAUX DE DONNEES VIDEO PRIMAIRE ET SECONDAIRE MULTIPLEXES**

[72] BRULS, WILHELMUS H. A., NL
[72] BOURGE, ARNAUD P. H., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL

[85] 2010-03-23
[86] 2008-09-16 (PCT/IB2008/053739)
[87] (WO2009/040701)
[30] EP (07117057.5) 2007-09-24

[11] **2,701,672**
[13] A1

[51] **Int.Cl. G02B 1/11 (2015.01) G02B 1/115 (2015.01) G02C 7/02 (2006.01)**

[25] EN

[54] **OPTICAL COMPONENT AND METHOD FOR MANUFACTURING THE SAME**

[54] **COMPOSANT OPTIQUE ET SON PROCEDE DE FABRICATION**

[72] TOMODA, MASAOKI, JP
[73] NIKON-ESSILOR CO., LTD., JP

[85] 2010-03-26
[86] 2008-09-26 (PCT/JP2008/067431)
[87] (WO2009/041580)
[30] JP (2007-254334) 2007-09-28

[11] **2,703,807**
[13] A1

[51] **Int.Cl. C08L 1/28 (2006.01) A23L 29/20 (2016.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61L 27/40 (2006.01) A61L 27/52 (2006.01) C08J 3/075 (2006.01) C08L 5/08 (2006.01) C08L 101/00 (2006.01)**

[25] EN

[54] **ENHANCED STABILITY OF INVERSE THERMAL GELLING COMPOSITE HYDROGELS**

[54] **COMPOSITES HYDROGELS A GELIFICATION THERMIQUE INVERSE PRESENTANT UNE STABILITE ACCRUE**

[72] SHOICHET, MOLLY S., CA
[72] KANG, CATHERINE E., US
[72] BAUMANN, M. DOUGLAS, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA

[86] (2703807)
[87] (2703807)
[22] 2010-05-12

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,705,944**
[13] A1

[51] **Int.Cl. A61K 33/04 (2006.01) A61K 31/33 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR INHIBITING INTEGRINS USING TELLURIUM-CONTAINING COMPOUNDS**

[54] **PROCEDES ET COMPOSITIONS POUR INHIBER LES INTEGRINES A L'AIDE DE COMPOSES CONTENANT DU TELLURE**

[72] SREDNI, BENJAMIN, IL

[72] ALBECK, MICHAEL, IL

[73] BIOMAS LTD., IL

[85] 2010-05-17

[86] 2008-11-23 (PCT/IL2008/001537)

[87] (WO2009/066300)

[30] US (60/996,548) 2007-11-23

[11] **2,705,988**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 47/10 (2017.01)**

[25] EN

[54] **STABILISATION OF OILY SUSPENSIONS CONTAINING HYDROPHOBIC SILICIC ACIDS**

[54] **STABILISATION DE SUSPENSIONS HUILEUSES CONTENANT DES ACIDES SILICIQUES HYDROPHOBES**

[72] HEEP, IRIS, DE

[72] HAMANN, HANS-JUERGEN, DE

[72] KOELLING, SABINE, DE

[72] DAUBE, GERT, DE

[72] STEFFENS, KLAUS-JUERGEN, DE

[72] DANIELS, ROLF, DE

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2010-05-14

[86] 2008-11-12 (PCT/EP2008/009526)

[87] (WO2009/065514)

[30] DE (102007055341.4) 2007-11-19

[11] **2,707,841**
[13] A1

[51] **Int.Cl. C12Q 1/34 (2006.01) C12Q 1/70 (2006.01) G01N 33/569 (2006.01) C12N 1/06 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **KIT AND METHOD FOR DETECTING BOVINE VIRAL DIARRHEA VIRUS IN TISSUE SAMPLES**

[54] **KIT ET PROCEDE POUR DETECTER UN VIRUS DE LA DIARRHEE VIRALE BOVINE DANS DES ECHANTILLONS DE TISSU**

[72] KOSTOVIC, MILADIN, US

[73] PRIONICS AG, CH

[85] 2010-06-03

[86] 2008-12-03 (PCT/US2008/085343)

[87] (WO2009/073689)

[30] US (60/992,272) 2007-12-04

[11] **2,708,415**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **REFERRED INTERNET TRAFFIC ANALYSIS SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'ANALYSE DE TRAFIC INTERNET REFERENCE**

[72] NEWTON, CHRISTOPHER DANIEL, CA

[73] SALESFORCE.COM, INC., US

[86] (2708415)

[87] (2708415)

[22] 2010-06-21

[11] **2,708,490**
[13] A1

[51] **Int.Cl. H01J 31/50 (2006.01)**

[25] EN

[54] **COMPACT IMAGE INTENSIFIER TUBE AND NIGHT VISION SYSTEM FITTED WITH SUCH A TUBE**

[54] **TUBE INTENSIFICATEUR D'IMAGE COMPACT ET SYSTEME DE VISION NOCTURNE DOTE D'UN TEL TUBE**

[72] NUTZEL, GERT, AU

[72] PIERRE, LEO, FR

[72] FEUERSTEIN, MATTHIEU, FR

[72] KAISER, CARLO, NL

[72] LAVOUTE, PASCAL, FR

[73] PHOTONIS FRANCE, FR

[85] 2010-06-08

[86] 2008-12-12 (PCT/EP2008/067453)

[87] (WO2009/074682)

[30] FR (07 59826) 2007-12-13

[11] **2,709,894**
[13] A1

[51] **Int.Cl. C12N 15/79 (2006.01)**

[25] EN

[54] **MAMMALIAN EXPRESSION VECTOR**

[54] **COMPOSES ORGANIQUES**

[72] KNOPF, HANS-PETER, DE

[72] WILMS, BURKHARD, DE

[73] NOVARTIS AG, CH

[85] 2010-06-17

[86] 2008-12-18 (PCT/EP2008/067947)

[87] (WO2009/080720)

[30] EP (07150339.5) 2007-12-21

[11] **2,710,587**
[13] A1

[51] **Int.Cl. G02C 13/00 (2006.01) B24B 9/14 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINING A CONTOUR DATA SET OF SPECTACLE FRAME RIM**

[54] **PROCEDE DE DETERMINATION D'UN ENSEMBLE DE DONNEES DE CONTOUR D'UNE MONTURE DE LUNETTES**

[72] DUBOIS, FREDERIC, FR

[72] FRESON, DAVID, FR

[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR

[85] 2010-06-23

[86] 2008-12-23 (PCT/EP2008/068262)

[87] (WO2009/065960)

[30] EP (07301762.6) 2007-12-28

**Canadian Patents Issued
October 24, 2017**

[11] **2,710,609**
[13] A1

[51] **Int.Cl. B62D 55/253 (2006.01)**
[25] EN
[54] **A CRAWLER TYPE TRAVELLING DEVICE**
[54] **DISPOSITIF DE DEPLACEMENT DE TYPE A CHENILLE**
[72] NISHIDA, SHIN-ICHIRO, JP
[72] WAKABAYASHI, SACHIKO, JP
[73] JAPAN AEROSPACE EXPLORATION AGENCY, JP
[85] 2010-06-23
[86] 2008-12-24 (PCT/JP2008/073385)
[87] (WO2009/081923)
[30] JP (2007-334752) 2007-12-26

[11] **2,710,633**
[13] A1

[51] **Int.Cl. G02C 13/00 (2006.01) B24B 9/14 (2006.01)**
[25] EN
[54] **A METHOD FOR MODIFYING SPECTACLE FRAME SHAPE DATA**
[54] **PROCEDE DE MODIFICATION DES DONNEES DE FORME DE MONTURE DE LUNETTES**
[72] FRESON, DAVID, FR
[72] DUBOIS, FREDERIC, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2010-06-23
[86] 2008-12-23 (PCT/EP2008/068277)
[87] (WO2009/065967)
[30] EP (07301757.6) 2007-12-28

[11] **2,711,349**
[13] A1

[51] **Int.Cl. G01N 21/41 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **VISUAL OCCULTATION TO MEASURE REFRACTIVITY PROFILE**
[54] **OCCULTATION VISUELLE PERMETTANT DE MESURER LE PROFIL DE REFRACTIVITE**
[72] TILLOTSON, BRIAN J., US
[73] THE BOEING COMPANY, US
[86] (2711349)
[87] (2711349)
[22] 2010-07-29
[30] US (12/533,807) 2009-07-31

[11] **2,711,412**
[13] A1

[51] **Int.Cl. B42F 13/00 (2006.01) B42F 13/12 (2006.01)**
[25] EN
[54] **REPORT COVER**
[54] **COUVRE-RAPPORTS**
[72] LOCKHART, GREGORY L., US
[72] ISRAEL, ERIC S., US
[73] LOCKHART INDUSTRIES, INC., US
[86] (2711412)
[87] (2711412)
[22] 2010-07-28
[30] US (12/583,186) 2009-08-14

[11] **2,711,629**
[13] A1

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/381 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THIENOPYRIDAZINE COMPOUNDS, THEIR PREPARATIONS, PHARMACEUTICAL COMPOSITIONS AND USES FOR TREATING CANCER**
[54] **COMPOSES DE THIENOPYRIDAZINE, LEURS PREPARATIONS, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS**
[72] WU, ZHANGGUI, CN
[73] ZHE JIANG MEDICINE CO., LTD. XINCHANG PHARMACEUTICAL FACTORY, CN
[73] WU, ZHANGGUI, CN
[85] 2010-07-07
[86] 2009-01-07 (PCT/CN2009/000021)
[87] (WO2009/092278)
[30] CN (200810000936.9) 2008-01-08
[30] CN (200910000337.1) 2009-01-06

[11] **2,712,160**
[13] A1

[51] **Int.Cl. B65D 21/024 (2006.01) A47F 1/14 (2006.01) A61J 1/03 (2006.01) B65B 5/00 (2006.01) B65B 5/04 (2006.01) B65D 5/20 (2006.01) B65D 5/52 (2006.01) B65D 23/00 (2006.01)**
[25] EN
[54] **PRIMARY PACKAGING AND DISPLAY THEREFOR**
[54] **CONDITIONNEMENT ET EXPOSITION DUDIT CONDITIONNEMENT**
[72] SADLER, NEIL A., US
[72] TANAKA, RICHARD K., US
[73] MCNEIL-PPC, INC., US
[86] (2712160)
[87] (2712160)
[22] 2010-07-30
[30] US (61/230,908) 2009-08-03
[30] US (12/840,837) 2010-07-21

[11] **2,712,651**
[13] A1

[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/00 (2006.01) A61B 5/05 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING BREASTFEEDING**
[54] **PROCEDE ET DISPOSITIF POUR SURVEILLER L'ALLAITEMENT MATERNEL**
[72] KAPON, RUTI, IL
[72] SEIFER, SHAHAR, IL
[72] SCHNEIDER, REVITAL, IL
[72] PELED, ARIK, IL
[73] YEDA RESEARCH & DEVELOPMENT CO. LTD., IL
[73] PELED, ARIK, IL
[85] 2010-07-19
[86] 2009-01-21 (PCT/IL2009/000085)
[87] (WO2009/093238)
[30] US (61/006,558) 2008-01-22
[30] US (61/053,069) 2008-05-14

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,712,878**
[13] A1

[51] **Int.Cl. B65G 1/137 (2006.01) G06Q 90/00 (2006.01) G06Q 10/08 (2012.01)**

[25] EN

[54] **SEMI-AUTOMATIC AND/OR FULLY-AUTOMATIC ORDER-PICKING SYSTEM**

[54] **SYSTEME DE PREPARATION DES COMMANDES SEMI-AUTOMATIQUE ET/OU AUTOMATIQUE**

[72] WINKLER, WALTER, DE

[73] WINKLER, WALTER, DE

[86] (2712878)

[87] (2712878)

[22] 2010-08-16

[30] DE (10 2009 026 386.1) 2009-08-17

[30] US (61/234,422) 2009-08-17

[11] **2,713,042**
[13] A1

[51] **Int.Cl. C08F 4/69 (2006.01) C08F 2/12 (2006.01) C08F 2/34 (2006.01) C08F 4/6592 (2006.01) C08F 210/16 (2006.01) C08L 23/20 (2006.01)**

[25] EN

[54] **METHOD OF CONTROLLING POLYMER ARCHITECTURE**

[54] **METHODE POUR CONTROLER L'ARCHITECTURE D'UN POLYMERE**

[72] LACOMBE, YVES, CA

[72] KER, VICTORIA, CA

[72] HOANG, PETER PHUNG MINH, CA

[72] EVANS, PATRICK DREW, CA

[73] NOVA CHEMICALS CORPORATION, CA

[86] (2713042)

[87] (2713042)

[22] 2010-08-11

[11] **2,713,137**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **TARGETING OF INNATE IMMUNE RESPONSE TO TUMOR SITE**

[54] **CIBLAGE D'UN SITE TUMORAL POUR SUSCITER LA REPOSE IMMUNE INNEE**

[72] PITCOVSKI, JACOB, IL

[72] SHAHAR, EHUD, IL

[72] GORODETSKY, RAPHAEL, IL

[73] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL

[73] GAVISH-GALILEE BIO APPLICATIONS LTD, IL

[85] 2010-07-23

[86] 2009-01-25 (PCT/IL2009/000097)

[87] (WO2009/093250)

[30] US (61/006,659) 2008-01-25

[11] **2,713,509**
[13] A1

[51] **Int.Cl. A41D 19/015 (2006.01)**

[25] EN

[54] **UTILITY GLOVE HAVING ELASTOMERIC REINFORCEMENT**

[54] **GANT DE TRAVAIL DOTE D'UN RENFORT ELASTOMERE**

[72] GELLIS, DAVID, US

[73] 7592574 CANADA INC., CA

[86] (2713509)

[87] (2713509)

[22] 2010-08-19

[30] US (12/577,273) 2009-10-12

[11] **2,713,681**
[13] A1

[51] **Int.Cl. H04W 28/16 (2009.01)**

[25] EN

[54] **NETWORK CONTROLLED THROUGHPUT FOR ENHANCED UPLINK FACH**

[54] **DEBIT COMMANDE PAR RESEAU POUR CANAL FACH DE LIAISON MONTANTE AMELIORE**

[72] GERSTENBERGER, DIRK, SE

[72] BERGMAN, JOHAN, SE

[72] ISRAELSSON, MARTIN, SE

[73] IDTP HOLDINGS, INC., US

[85] 2010-07-30

[86] 2008-08-12 (PCT/SE2008/050917)

[87] (WO2009/099368)

[30] US (61/026,633) 2008-02-06

[11] **2,713,697**
[13] A1

[51] **Int.Cl. H04W 52/32 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MITIGATING PILOT POLLUTION IN A WIRELESS NETWORK**

[54] **PROCEDE ET DISPOSITIF POUR ATTENUER LA POLLUTION D'ONDE PILOTE DANS UN RESEAU SANS FIL**

[72] JI, TINGFANG, US

[72] AGRAWAL, AVNEESH, US

[72] GOROKHOV, ALEXEI Y., US

[73] QUALCOMM INCORPORATED, US

[85] 2010-07-29

[86] 2009-01-27 (PCT/US2009/032159)

[87] (WO2009/099810)

[30] US (61/024,891) 2008-01-30

[30] US (12/359,992) 2009-01-26

[11] **2,714,316**
[13] A1

[51] **Int.Cl. A22C 5/00 (2006.01) A23L 13/00 (2016.01) A22C 9/00 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING WHOLE MUSCLE MEAT**

[54] **METHODE POUR LE TRAITEMENT DE LA VIANDE MUSCULAIRE**

[72] ANDERSON, JENNIFER J., US

[72] ROJO, JOSE C., US

[72] MOEN, DAVID L., US

[72] SCHNELL, TIMOTHY D., US

[72] PAULOLOS, WILLIAM T., US

[72] MALENKE, MARK E., US

[73] KRAFT FOODS GROUP BRANDS LLC, US

[86] (2714316)

[87] (2714316)

[22] 2010-09-03

[30] US (61/239,675) 2009-09-03

**Canadian Patents Issued
October 24, 2017**

[11] **2,714,835**
[13] A1

[51] **Int.Cl. B60K 1/04 (2006.01) B67D 7/06 (2010.01) B60S 5/02 (2006.01) B66F 9/075 (2006.01)**

[25] EN

[54] **FUEL CELL WATER DISPOSAL
ELIMINATION DE L'EAU D'UNE
PILE A COMBUSTIBLE**

[72] BALDINI, AUGUSTUS, US
[72] DAY, RICHARD M., US
[73] THE RAYMOND CORPORATION,
US

[73] BALDINI, AUGUSTUS, ZZ
[73] DAY, RICHARD M., ZZ

[86] (2714835)
[87] (2714835)
[22] 2010-09-09
[30] US (12/761,536) 2010-04-16

[11] **2,714,913**
[13] A1

[51] **Int.Cl. B66C 13/16 (2006.01) B66C 1/40 (2006.01)**

[25] EN

[54] **SYSTEM FOR DETERMINING
THE LOAD MASS OF A LOAD
CARRIED BY A HOIST CABLE OF
A CRANE**

[54] **EQUIPEMENT PERMETTANT DE
DETERMINER LA MASSE D'UNE
CHARGE ACHEMINEE PAR UN
CABLE DE BALAN DE GRUE**

[72] SCHNEIDER, KLAUS, DE
[72] AMANN, MARTIN, AT
[72] SCHNELLER, MATHIAS, AT
[72] SAWODNY, OLIVER, DE
[72] KUECHLER, SEBASTIAN, DE
[73] LIEBHERR-WERK NENZING
GES.M.B.H., AT

[73] SCHNEIDER, KLAUS, ZZ
[73] AMANN, MARTIN, ZZ
[73] SCHNELLER, MATHIAS, ZZ
[73] SAWODNY, OLIVER, ZZ
[73] KUECHLER, SEBASTIAN, ZZ

[86] (2714913)
[87] (2714913)
[22] 2010-09-14
[30] DE (10 2009 041 662.5) 2009-09-16

[11] **2,717,098**
[13] A1

[51] **Int.Cl. C09C 1/42 (2006.01)**

[25] EN

[54] **A PARTICLE WITH BIPOLAR
TOPOSPECIFIC
CHARACTERISTICS AND
PROCESS FOR PREPARATION
THEREOF**

[54] **PARTICULE PRESENTANT DES
CARACTERISTIQUES
TOPOSPECIFIQUES BIPOLAIRES
ET SON PROCEDE DE
PREPARATION**

[72] BHATTACHARYA, SUMAN K., IN
[72] BHATTACHARYYA, TAPOMAY, IN
[72] DASTIDAR, SUDIPTA G., IN
[72] NAIK, VIJAY M., IN
[72] SRIVASTAVA, ANUJ, IN
[72] VAIDYA, ASHISH A., IN

[73] UNILEVER PLC, GB

[73] BHATTACHARYA, SUMAN K., ZZ
[73] BHATTACHARYYA, TAPOMAY, ZZ

[73] DASTIDAR, SUDIPTA G., ZZ
[73] NAIK, VIJAY M., ZZ
[73] SRIVASTAVA, ANUJ, ZZ
[73] VAIDYA, ASHISH A., ZZ

[85] 2010-08-26
[86] 2009-03-30 (PCT/EP2009/053707)
[87] (WO2009/118421)
[30] IN (0668/MUM/2008) 2008-03-28
[30] EP (08164175.5) 2008-09-11

[11] **2,717,779**
[13] A1

[51] **Int.Cl. F23L 13/00 (2006.01) F23N 3/04 (2006.01)**

[25] EN

[54] **DAMPER FOR DIRECT VENT
FIREPLACE INSERT**

[54] **REGISTRE POUR INSERT DE
FOYER A VENTILATION
DIRECTE**

[72] MILES, MARTIN, CA
[72] BOOK, BYRON, CA
[73] MILES INDUSTRIES, LTD., CA
[73] MILES, MARTIN, CA

[73] BOOK, BYRON, CA

[86] (2717779)
[87] (2717779)
[22] 2010-10-18
[30] US (12/906,757) 2010-10-18

[11] **2,718,035**
[13] A1

[51] **Int.Cl. C07C 69/33 (2006.01) A61K 31/25 (2006.01) A61K 51/04 (2006.01) A61P 25/28 (2006.01) C07C 43/196 (2006.01) C07C 69/63 (2006.01) C07D 487/10 (2006.01)**

[25] EN

[54] **INOSITOL DERIVATIVES FOR
THE DETECTION AND
TREATMENT OF ALZHEIMER' S
DISEASE AND RELATED
DISORDERS**

[54] **DERIVES D'INOSITOL DESTINES
A LA DETECTION ET AU
TRAITEMENT DE LA MALADIE
D'ALZHEIMER ET DE TROUBLES
CONNEXES**

[72] ELMALEH, DAVID R., US
[72] SHOUP, TIMOTHY, US
[72] FU, HONGNING, US
[73] THE GENERAL HOSPITAL
CORPORATION, US

[73] ELMALEH, DAVID R., ZZ
[73] SHOUP, TIMOTHY, ZZ
[73] FU, HONGNING, ZZ

[85] 2010-09-08
[86] 2009-03-23 (PCT/US2009/037928)
[87] (WO2009/117728)
[30] US (61/038,571) 2008-03-21

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,719,358**
[13] A1

[51] **Int.Cl. A61K 36/18 (2006.01) A01N 31/16 (2006.01) A01N 33/20 (2006.01) A01N 37/10 (2006.01) A61K 31/05 (2006.01) A61K 31/19 (2006.01) A61K 31/194 (2006.01) A61K 31/235 (2006.01) A61K 31/353 (2006.01) A61K 31/60 (2006.01) A61K 31/7024 (2006.01) A61K 36/00 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01) A61K 47/22 (2006.01) A61P 3/00 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) A61P 31/20 (2006.01) A61Q 19/00 (2006.01) C11D 3/20 (2006.01) C11D 3/382 (2006.01) C11D 3/48 (2006.01)**

[25] EN

[54] **ANTIVIRAL AGENT AND ANTIVIRAL COMPOSITION**

[54] **AGENT ANTIVIRAL ET COMPOSITION ANTIVIRALE**

[72] SHIMAMOTO, TADASHI, JP
[72] OKINAKA, YASUSHI, JP
[72] SAKAGUCHI, TAKEMASA, JP
[72] TSUJI, TORU, JP
[72] NAKAI, YOSHIKI, JP
[73] ALTAN CO., LTD., JP
[73] SHIMAMOTO, TADASHI, ZZ
[73] OKINAKA, YASUSHI, ZZ
[73] SAKAGUCHI, TAKEMASA, ZZ
[73] TSUJI, TORU, ZZ
[73] NAKAI, YOSHIKI, ZZ
[73] HIROSHIMA UNIVERSITY, JP
[85] 2010-09-22
[86] 2009-03-31 (PCT/JP2009/056635)
[87] (WO2009/123183)
[30] JP (2008-091602) 2008-03-31
[30] JP (2008-201841) 2008-08-05

[11] **2,720,059**
[13] A1

[51] **Int.Cl. H04B 7/06 (2006.01) G01L 5/24 (2006.01) H01H 35/02 (2006.01) H01Q 1/27 (2006.01) H04W 4/12 (2009.01)**

[25] EN

[54] **ANTENNA SWITCHING METHOD OF WIRELESS COMMUNICATION SYSTEM**

[54] **METHODE DE COMMUTATION D'ANTENNE DE SYSTEME DE COMMUNICATION SANS FIL**

[72] KUSHIDA, TOSHIHIKO, JP
[72] OBATAKE, TAKAYOSHI, JP
[73] MAEDA METAL INDUSTRIES, LTD., JP
[73] KUSHIDA, TOSHIHIKO, ZZ
[73] OBATAKE, TAKAYOSHI, ZZ
[86] (2720059)
[87] (2720059)
[22] 2010-11-04
[30] JP (2009-253790) 2009-11-05

[11] **2,720,715**
[13] A1

[51] **Int.Cl. F16K 47/08 (2006.01)**

[25] EN

[54] **CONTROL VALVE**

[54] **VANNE DE REGULATION**

[72] ELLIOTT, DECLAN, IE
[72] GRACE, ANDREW, IE
[72] MCHUGH, EDMUND, IE
[72] O'DONNELL, MARTIN, IE
[73] CAMERON INTERNATIONAL CORPORATION, US
[73] ELLIOTT, DECLAN, ZZ
[73] GRACE, ANDREW, ZZ
[73] MCHUGH, EDMUND, ZZ
[73] O'DONNELL, MARTIN, ZZ
[85] 2010-10-05
[86] 2009-04-18 (PCT/IB2009/051611)
[87] (WO2009/130652)
[30] US (61/047,747) 2008-04-24

[11] **2,720,748**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/52 (2006.01) C07K 14/56 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 9/12 (2006.01)**

[25] EN

[54] **MODULAR METHOD TO PREPARE TETRAMERIC CYTOKINES WITH IMPROVED PHARMACOKINETICS BY THE DOCK-AND-LOCK (DNL) TECHNOLOGY**

[54] **PROCEDE MODULAIRE POUR PREPARER DES CYTOKINES TETRAMERES AVEC UNE PHARMACOCINETIQUE AMELIOREE PAR LA TECHNOLOGIE « DOCK-AND-LOCK » (DNL)**

[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[72] ROSSI, EDMUND A., US
[73] IBC PHARMACEUTICALS, INC., US
[73] CHANG, CHIEN-HSING, ZZ
[73] GOLDENBERG, DAVID M., ZZ
[73] ROSSI, EDMUND A., ZZ
[85] 2010-10-06
[86] 2009-04-06 (PCT/US2009/039619)
[87] (WO2009/126558)
[30] US (61/043,932) 2008-04-10
[30] US (61/104,916) 2008-10-13
[30] US (61/119,542) 2008-12-03
[30] US (12/396,605) 2009-03-03
[30] US (12/396,965) 2009-03-03

[11] **2,721,763**
[13] A1

[51] **Int.Cl. F24C 15/20 (2006.01)**

[25] EN

[54] **EXHAUST APPARATUS, SYSTEM, AND METHOD FOR ENHANCED CAPTURE AND CONTAINMENT**

[54] **APPAREIL D'ECHAPPEMENT, SYSTEME ET PROCEDE POUR CAPTURE ET CONFINEMENT AMELIORES**

[72] RITZER, HEINZ, AT
[72] MUEHLBERGER, FRIDOLIN, DE
[72] LIVCHAK, ANDREY V., US
[73] OY HALTON GROUP LTD., FI
[73] RITZER, HEINZ, ZZ
[73] MUEHLBERGER, FRIDOLIN, ZZ
[73] LIVCHAK, ANDREY V., ZZ
[85] 2010-10-15
[86] 2009-04-20 (PCT/US2009/041148)
[87] (WO2009/129539)
[30] US (61/046,257) 2008-04-18

**Canadian Patents Issued
October 24, 2017**

[11] **2,723,579**
[13] A1

[51] **Int.Cl. B01D 33/11 (2006.01) B01D 33/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FILTERING A MATERIAL FROM A LIQUID MEDIUM**
[54] **APPAREIL ET PROCÉDE POUR FILTRER UN MATÉRIAU DANS UN MILIEU LIQUIDE**
[72] LEE, CHIE YING, US
[72] JIANMIN, REN, CN
[73] FLUID-QUIP, INC., US
[73] LEE, CHIE YING, ZZ
[73] JIANMIN, REN, ZZ
[85] 2010-11-04
[86] 2009-05-05 (PCT/US2009/042802)
[87] (WO2009/137452)
[30] US (61/050,350) 2008-05-05

[11] **2,723,877**
[13] A1

[51] **Int.Cl. C12P 7/16 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING BUTANOL USING TWO-PHASE EXTRACTIVE FERMENTATION**
[54] **PROCÉDE DE PRODUCTION DE BUTANOL A L'AIDE D'UNE FERMENTATION EXTRACTIVE A DEUX PHASES**
[72] GRADY, MICHAEL CHARLES, US
[72] JAHIC, MEHMEDALIJA, US
[72] PATNAIK, RANJAN, US
[73] BUTAMAXTM ADVANCED BIOFUELS LLC, US
[73] GRADY, MICHAEL CHARLES, ZZ
[73] JAHIC, MEHMEDALIJA, ZZ
[73] PATNAIK, RANJAN, ZZ
[85] 2010-11-08
[86] 2009-06-04 (PCT/US2009/046278)
[87] (WO2009/149270)
[30] US (61/058,567) 2008-06-04

[11] **2,724,393**
[13] A1

[51] **Int.Cl. B01J 13/02 (2006.01)**
[25] EN
[54] **MICROENCAPSULATED DELIVERY SYSTEM**
[54] **SYSTÈME D'ADMINISTRATION A MICROENCAPSULATION**
[72] CELESTE, SALVATORE ALBERT, US
[73] THE ADDITIVE ADVANTAGE LLC, US
[73] CELESTE, SALVATORE ALBERT, ZZ
[85] 2010-11-15
[86] 2009-04-15 (PCT/US2009/040710)
[87] (WO2009/140018)
[30] US (12/121,809) 2008-05-16

[11] **2,729,188**
[13] A1

[51] **Int.Cl. C07K 7/56 (2006.01) A61K 38/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING INTERMEDIATES FOR THE PRODUCTION OF NOVEL MACROCYCLES THAT ARE INHIBITORS OF THE PROTEASOMIC DEGRADATION OF P27, SUCH AS ARGYRIN AND DERIVATIVES THEREOF, AND USES OF SAID MACROCYCLES**
[54] **PROCÉDE POUR LA FABRICATION D'INTERMÉDIAIRES POUR LA FABRICATION DE NOUVEAUX MACROCYCLES QUI SONT DES INHIBITEURS DE LA DEGRADATION PROTEASOMIQUE DE P27, TELS QUE L'ARGYRINE ET SES DERIVES, ET UTILISATIONS DESDITS MACROCYCLES**
[72] KALESSE, MARKUS, DE
[72] MALEK, NISAR, DE
[72] FRANK, RONALD, DE
[72] BRODMANN, TOBIAS, DE
[72] BUELOW, LEILA, DE
[72] RENTSCH, ANDREAS, DE
[72] GIRBIG, ANNA-KATHARINA, DE
[72] EGGERT, ULRIKE, DE
[73] HELMHOLTZ-ZENTRUM FUR INFektionsFORSCHUNG GMBH, DE
[73] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[73] GOTTFRIED WILHELM LEIBNIZ UNIVERSITAT HANNOVER, DE
[73] KALESSE, MARKUS, ZZ
[73] MALEK, NISAR, ZZ
[73] FRANK, RONALD, ZZ
[73] BRODMANN, TOBIAS, ZZ
[73] BUELOW, LEILA, ZZ
[73] RENTSCH, ANDREAS, ZZ
[73] GIRBIG, ANNA-KATHARINA, ZZ
[73] EGGERT, ULRIKE, ZZ
[85] 2010-12-23
[86] 2009-06-23 (PCT/EP2009/004526)
[87] (WO2010/006682)
[30] EP (08011346.7) 2008-06-23

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,729,390**
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01) E04H 5/02 (2006.01)**
[25] EN
[54] **DATA CENTRE BUILDING WITH EFFICIENT COOLING MEANS**
[54] **BATIMENT POUR UN CENTRE DE CALCUL, AVEC EQUIPEMENTS POUR UN REFROIDISSEMENT EFFICACE**
[72] LINDENSTRUTH, VOLKER, DE
[72] STOECKER, HORST, DE
[73] E3 COMPUTING GMBH, DE
[85] 2010-12-23
[86] 2009-06-30 (PCT/EP2009/004704)
[87] (WO2010/000440)
[30] DE (10 2008 030 308.9) 2008-06-30

[11] **2,729,751**
[13] A1

[51] **Int.Cl. G10L 19/087 (2013.01) G10L 19/038 (2013.01) G10L 19/26 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **DEVICE AND METHOD FOR QUANTIZING AND INVERSE QUANTIZING LPC FILTERS IN A SUPER-FRAME**
[54] **DISPOSITIF ET PROCEDURE DE QUANTIFICATION ET DE QUANTIFICATION INVERSE DE FILTRES A CODAGE PREDICTIF LINEAIRE DANS UNE SUPERTRAME**
[72] GOURNAY, PHILIPPE, CA
[72] BESSETTE, BRUNO, CA
[72] SALAMI, REDWAN, CA
[73] VOICEAGE CORPORATION, CA
[73] GOURNAY, PHILIPPE, CA
[73] BESSETTE, BRUNO, CA
[73] SALAMI, REDWAN, CA
[85] 2010-12-30
[86] 2009-07-10 (PCT/CA2009/000979)
[87] (WO2010/003252)
[30] US (61/129,669) 2008-07-10
[30] US (61/202,075) 2009-01-27

[11] **2,729,865**
[13] A1

[51] **Int.Cl. A01C 5/06 (2006.01)**
[25] EN
[54] **SINGLE ARM ROW CLEANER**
[54] **NETTOYEUR DE RANGEE A UN BRAS**
[72] MARTIN, HOWARD D., US
[72] MARTIN, R. STEVEN, US
[73] MARTIN, HOWARD D., US
[73] MARTIN, R. STEVEN, US
[85] 2011-01-04
[86] 2009-07-03 (PCT/US2009/049652)
[87] (WO2010/003142)
[30] US (61/133,867) 2008-07-03

[11] **2,730,430**
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) B09C 1/00 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **METHOD OF BIOLOGICAL TREATMENT OF PILES OF MATERIALS CONTAINING SOME ORGANIC MATTER**
[54] **METHODE DE TRAITEMENT BIOLOGIQUE DE PILES DE MATERIAUX RENFERMANT UNE PART DE MATIERE ORGANIQUE**
[72] AHO, RICHARD, US
[73] AHO, RICHARD, US
[85] 2011-01-11
[86] 2009-07-10 (PCT/US2009/050336)
[87] (WO2010/006320)
[30] US (61/134,647) 2008-07-11

[11] **2,730,534**
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A61K 8/33 (2006.01) A61K 8/86 (2006.01) A61K 31/05 (2006.01) A61K 47/08 (2006.01) A61P 9/00 (2006.01) A61P 17/18 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **FORMULATION FOR IMPROVING THE BIOAVAILABILITY OF A HYDROPHOBIC MOLECULE**
[54] **FORMULATION DESTINEE A AMELIORER LA BIODISPONIBILITE D'UNE MOLECULE HYDROPHOBE**
[72] PECHERE, LAURENT, FR
[73] YVERY, FR
[73] PECHERE, LAURENT, ZZ
[85] 2011-01-11
[86] 2009-07-16 (PCT/FR2009/000868)
[87] (WO2010/007252)
[30] FR (08 04098) 2008-07-18

[11] **2,731,846**
[13] A1

[51] **Int.Cl. E21F 13/00 (2006.01)**
[25] EN
[54] **HANDLING DEVICE AND METHOD**
[54] **DISPOSITIF DE MANUTENTION ET PROCEDURE CONNEXE**
[72] HEDLEY, ROBERT IAN, AU
[73] JUSTOY PTY LTD, AU
[73] HEDLEY, ROBERT IAN, ZZ
[86] (2731846)
[87] (2731846)
[22] 2011-02-16
[30] AU (2010900650) 2010-02-17

**Canadian Patents Issued
October 24, 2017**

[11] **2,732,145**
[13] A1

[51] **Int.Cl. C25B 1/00 (2006.01) C01B 3/04 (2006.01) C25B 1/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CHEMICAL POTENTIAL ENERGY PRODUCTION**

[54] **SYSTEME ET METHODE DE PRODUCTION D'ENERGIE POTENTIELLE CHIMIQUE**

[72] KARNI, JACOB, IL
[72] FERDIMAN, GIDON, IL
[72] ALIOSHIN, YURY, IL
[73] KARNI, JACOB, ZZ
[73] FERDIMAN, GIDON, ZZ
[73] ALIOSHIN, YURY, ZZ
[73] YEDA RESEARCH AND DEVELOPMENT COMPANY LTD., IL

[85] 2011-01-27
[86] 2009-07-29 (PCT/IL2009/000743)
[87] (WO2010/013244)
[30] US (61/129,913) 2008-07-29

[11] **2,733,215**
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**

[25] EN

[54] **PIN ALIGNMENT ASSEMBLY FOR SURGICAL STAPLER**

[54] **ENSEMBLE D'ALIGNEMENT D'AGRAFES POUR AGRAFEUSE CHIRURGICALE**

[72] RAO, RAMESH SRINIVASA, IN
[73] TYCO HEALTHCARE GROUP LP, US

[73] RAO, RAMESH SRINIVASA, ZZ
[86] (2733215)
[87] (2733215)
[22] 2011-03-02
[30] US (61/317,394) 2010-03-25
[30] US (13/028,608) 2011-02-16

[11] **2,733,514**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 38/48 (2006.01) A61P 17/00 (2006.01) A61P 37/08 (2006.01)**

[25] EN

[54] **FORMULATION FOR ORAL ADMINISTRATION OF PROTEINS**

[54] **FORMULATION POUR UNE ADMINISTRATION ORALE DE PROTEINES**

[72] SIEGEL, MATTHEW JOHN, US
[72] BERNER, BRET, US
[73] ALVINE PHARMACEUTICALS, INC., US

[73] SIEGEL, MATTHEW JOHN, ZZ
[73] BERNER, BRET, ZZ

[85] 2011-02-08
[86] 2009-08-21 (PCT/US2009/004791)
[87] (WO2010/021752)
[30] US (61/090,831) 2008-08-21

[11] **2,734,819**
[13] A1

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **(S)-PYRROLIDINE-1,2-DICARBOXYLIC ACID 2-AMIDE 1-({4-METHYL-5-[2-(2,2,2-TRIFLUORO-1,1-DIMETHYLETHYL)-PYRIDIN-4-YL]-THIAZOL-2-YL}-AMIDE) AND USE IN THE TREATMENT OF CANCER**

[54] **(S)-PYRROLIDINE-1,2-DICARBOXYLIC ACID 2-AMIDE 1-({4-METHYL-5-[2-(2,2,2-TRIFLUORO-1,1-DIMETHYLETHYL)-PYRIDIN-4-YL]-THIAZOL-2-YL}-AMIDE) ET SON UTILISATION DANS LE TRAITEMENT DU CANCER**

[72] CARAVATTI, GIORGIO, CH
[72] FAIRHURST, ROBIN ALEC, GB
[72] FURET, PASCAL, CH
[72] GUAGNANO, VITO, CH
[72] IMBACH, PATRICIA, CH

[73] NOVARTIS AG, CH
[73] CARAVATTI, GIORGIO, ZZ
[73] FAIRHURST, ROBIN ALEC, ZZ
[73] FURET, PASCAL, ZZ
[73] GUAGNANO, VITO, ZZ
[73] IMBACH, PATRICIA, ZZ

[85] 2011-02-18
[86] 2009-09-08 (PCT/EP2009/061644)
[87] (WO2010/029082)
[30] EP (08164104.5) 2008-09-10
[30] US (61/096,674) 2008-09-12

[11] **2,735,443**
[13] A1

[51] **Int.Cl. H04M 3/523 (2006.01) G06Q 30/00 (2012.01)**

[25] EN

[54] **CALL ROUTING METHODS AND SYSTEMS BASED ON MULTIPLE VARIABLE STANDARDIZED SCORING AND SHADOW QUEUE**

[54] **PROCEDES ET SYSTEMES DE ROUTAGE D'APPELS BASES SUR UNE NOTATION NORMALISEE A VARIABLES MULTIPLES ET FILE D'ATTENTE FICTIVE**

[72] CHISHTI, ZIA, BM
[72] JONES, CHRIS W., US
[72] SPOTTISWOODE, S. JAMES P., US
[72] STEWART, RANDALL RAY, US

[73] CHISHTI, ZIA, ZZ
[73] JONES, CHRIS W., ZZ
[73] SPOTTISWOODE, S. JAMES P., ZZ
[73] STEWART, RANDALL RAY, ZZ

[73] AFINITI EUROPE TECHNOLOGIES LIMITED, GB

[85] 2011-02-25
[86] 2009-08-19 (PCT/US2009/054352)
[87] (WO2010/027671)
[30] US (12/202,091) 2008-08-29
[30] US (12/202,101) 2008-08-29

[11] **2,735,841**
[13] A1

[51] **Int.Cl. B65D 47/26 (2006.01)**

[25] EN

[54] **RECLOSABLE LID FOR A CONTAINER, IN PARTICULAR FOR A PAPER CUP**

[54] **COUVERCLE POUVANT ETRE REFERME POUR UN CONTENANT, EN PARTICULIER POUR UN GOBELET EN PAPIER**

[72] D'AMATO, GIANFRANCO, IT
[73] SEDA S.P.A., IT

[73] D'AMATO, GIANFRANCO, ZZ

[85] 2011-03-02
[86] 2008-10-13 (PCT/EP2008/008650)
[87] (WO2010/028677)
[30] DE (20 2008 012 116.7) 2008-09-12

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,736,002**

[13] A1

- [51] **Int.Cl. G10K 15/04 (2006.01) B08B 9/08 (2006.01) F02K 7/02 (2006.01) F42D 3/00 (2006.01) B08B 5/00 (2006.01) F28G 7/00 (2006.01)**
- [25] EN
- [54] **A METHOD AND DEVICE FOR PRODUCING EXPLOSIONS**
- [54] **PROCEDE ET DISPOSITIF DE GENERATION D'EXPLOSIONS**
- [72] RUEGG, HANS, CH
- [73] RUEGG, HANS, ZZ
- [73] HITACHI ZOSEN INOVA AG, CH
- [73] MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK, DE
- [73] HANS RUEGG, CH
- [73] EXPLO ENGINEERING AG, CH
- [85] 2011-03-03
- [86] 2009-09-01 (PCT/CH2009/000294)
- [87] (WO2010/025574)
- [30] CH (1413/08) 2008-09-04

[11] **2,736,546**

[13] A1

- [51] **Int.Cl. C10B 47/00 (2006.01)**
- [25] EN
- [54] **CRACKING FURNACE WITH PYROLYSIS TUBE**
- [54] **FOUR DE CRAQUAGE A TUBE DE PYROLYSE**
- [72] TALLIS, WILLIAM, GB
- [73] TECHNIP FRANCE S.A.S., FR
- [73] TALLIS, WILLIAM, ZZ
- [85] 2011-03-09
- [86] 2009-09-18 (PCT/GB2009/002253)
- [87] (WO2010/032024)
- [30] GB (0817219.9) 2008-09-19
- [30] US (61/098,564) 2008-09-19

[11] **2,736,805**

[13] A1

- [51] **Int.Cl. C09K 3/14 (2006.01) C30B 29/04 (2006.01) C30B 33/08 (2006.01)**
- [25] EN
- [54] **ABRASIVE PARTICLES HAVING A UNIQUE MORPHOLOGY**
- [54] **PARTICULES ABRASIVES CARACTERISEES PAR UNE MORPHOLOGIE TOUTE PARTICULIERE**
- [72] DUMM, TIMOTHY F., US
- [72] NG, KAN-YIN, US
- [73] DIAMOND INNOVATIONS, INC., US
- [73] DUMM, TIMOTHY F., ZZ
- [73] NG, KAN-YIN, ZZ
- [85] 2011-03-10
- [86] 2009-09-16 (PCT/US2009/057133)
- [87] (WO2010/033575)
- [30] US (61/097,438) 2008-09-16
- [30] US (61/097,422) 2008-09-16
- [30] US (61/187,789) 2009-06-17

[11] **2,737,935**

[13] A1

- [51] **Int.Cl. B67D 1/08 (2006.01) B67D 7/14 (2010.01) B67D 7/32 (2010.01) B65B 1/04 (2006.01) G08C 17/02 (2006.01)**
- [25] EN
- [54] **BEVERAGE DISPENSE VALVE CONTROLLED BY WIRELESS TECHNOLOGY**
- [54] **ROBINET DISTRIBUTEUR DE BOISSONS CONTROLE PAR UNE TECHNOLOGIE SANS FIL**
- [72] SEGIET, WILLIAM W., US
- [72] GRAY, ALEX L., US
- [72] UBIDIA, FERNANDO A., US
- [72] STEIN, AARON M., US
- [72] LEWIS, JOHN F., US
- [73] SEGIET, WILLIAM W., ZZ
- [73] GRAY, ALEX L., ZZ
- [73] UBIDIA, FERNANDO A., ZZ
- [73] STEIN, AARON M., ZZ
- [73] LEWIS, JOHN F., ZZ
- [73] PEPSICO, INC., US
- [85] 2011-03-21
- [86] 2010-02-11 (PCT/US2010/023825)
- [87] (WO2010/093747)
- [30] US (61/151,770) 2009-02-11

[11] **2,738,393**

[13] A1

- [51] **Int.Cl. F41A 9/78 (2006.01) F41A 9/22 (2006.01) F41A 9/26 (2006.01) F41A 9/74 (2006.01)**
- [25] EN
- [54] **METHOD AND SYSTEM FOR LOADING AND UNLOADING CARTRIDGES INTO A MAGAZINE FOR FIREARMS**
- [54] **PROCEDE ET SYSTEME DE CHARGEMENT ET DE DECHARGEMENT DES CARTOUCHES DANS UN CHARGEUR POUR ARMES A FEU**
- [72] CHIAPPINI, ANDREA, IT
- [72] SCHETTINO, MICHELE, IT
- [73] OTO MELARA SPA, IT
- [73] CHIAPPINI, ANDREA, ZZ
- [73] SCHETTINO, MICHELE, ZZ
- [86] (2738393)
- [87] (2738393)
- [22] 2011-04-21
- [30] IT (TO2010A000352) 2010-04-27

**Canadian Patents Issued
October 24, 2017**

[11] **2,738,508**
[13] A1

[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **REAL-TIME STATEMENT CREDITS AND NOTIFICATIONS**
[54] **SYSTEME POUR CREDITER UN COMPTE ET NOTIFIER UN CONSOMMATEUR DE LA TRANSACTION EN TEMPS REEL**
[72] CARLSON, MARK, US
[72] KESHAN, SURENDRA, US
[72] TRIFILETTI, GREG, US
[72] MIRIZZI, JOE, US
[72] HARIRAMANI, PRAKASH PREM, US
[72] WHITE, LAUREN, US
[72] STAN, PATRICK, US
[72] MACLLWAINE, JOHN, US
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[73] CARLSON, MARK, ZZ
[73] KESHAN, SURENDRA, ZZ
[73] TRIFILETTI, GREG, ZZ
[73] MIRIZZI, JOE, ZZ
[73] HARIRAMANI, PRAKASH PREM, ZZ
[73] WHITE, LAUREN, ZZ
[73] STAN, PATRICK, ZZ
[73] MACLLWAINE, JOHN, ZZ
[85] 2011-03-24
[86] 2009-09-25 (PCT/US2009/058412)
[87] (WO2010/036915)
[30] US (61/100,205) 2008-09-25
[30] US (61/173,483) 2009-04-28
[30] US (61/222,287) 2009-07-01
[30] US (12/566,350) 2009-09-24

[11] **2,739,773**
[13] A1

[51] **Int.Cl. C03C 25/26 (2006.01) C03C 25/34 (2006.01) C09D 161/06 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING INSULATION PRODUCTS BASED ON MINERAL WOOL, AND PRODUCTS OBTAINED**
[54] **PROCEDE DE FABRICATION DE PRODUITS D'ISOLATION A BASE DE LAINE MINERALE ET PRODUITS OBTENUS**
[72] JAFFRENNOU, BORIS, FR
[72] DOUCE, JEROME, FR
[72] MENIVAL, HELENE, FR
[72] PONS Y MOLL, OLIVIER, FR
[73] JAFFRENNOU, BORIS, ZZ
[73] DOUCE, JEROME, ZZ
[73] MENIVAL, HELENE, ZZ
[73] PONS Y MOLL, OLIVIER, ZZ
[73] SAINT-GOBAIN ISOVER, FR
[85] 2011-04-06
[86] 2009-10-08 (PCT/FR2009/051923)
[87] (WO2010/040963)
[30] FR (0856812) 2008-10-08

[11] **2,741,053**
[13] A1

[51] **Int.Cl. A23L 5/10 (2016.01) A23L 13/00 (2016.01) A23L 13/50 (2016.01) A23L 13/60 (2016.01) A23L 15/10 (2016.01) A23L 19/00 (2016.01)**
[25] EN
[54] **COOKED FOOD HAVING A FRIED APPEARANCE AND METHOD OF MAKING SAME**
[54] **ALIMENT CUIT AYANT UNE APPARENCE FRITE ET PROCEDE POUR LE PREPARER**
[72] OVADIA, DAVID Z., US
[72] HUNKINS, KATHLEEN A., US
[72] THAM, CECELIA K., US
[73] SCHWAN'S GLOBAL SUPPLY CHAIN, INC., US
[73] OVADIA, DAVID Z., ZZ
[73] HUNKINS, KATHLEEN A., ZZ
[73] THAM, CECELIA K., ZZ
[85] 2011-04-18
[86] 2009-11-09 (PCT/US2009/063668)
[87] (WO2010/054277)
[30] US (61/112,827) 2008-11-10
[30] US (12/613,651) 2009-11-06

[11] **2,741,659**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/00 (2009.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEMS OF INFLUENCING SHOPPERS AT THE FIRST MOMENT OF TRUTH IN A RETAIL ESTABLISHMENT**
[54] **SYSTEMES PERMETTANT D'INFLUENCER DES ACHETEURS AU PREMIER MOMENT DE VERITE DANS UN ETABLISSEMENT DE VENTE AU DETAIL**
[72] BONNER, BRETT BRACEWELL, US
[72] HJELM, CHRISTOPHER TODD, US
[72] JONES, TITUS ARTHUR, US
[72] OSBORNE, JOHN EDWARD II, US
[72] PERKINS, DION BRENT, US
[72] MENZ, GREGORY MICHAEL, US
[73] SUNRISE R&D HOLDINGS, LLC, US
[73] BONNER, BRETT BRACEWELL, ZZ
[73] HJELM, CHRISTOPHER TODD, ZZ
[73] JONES, TITUS ARTHUR, ZZ
[73] OSBORNE, JOHN EDWARD II, ZZ
[73] PERKINS, DION BRENT, ZZ
[73] MENZ, GREGORY MICHAEL, ZZ
[85] 2011-04-26
[86] 2009-11-02 (PCT/US2009/005930)
[87] (WO2010/051035)
[30] US (61/110,202) 2008-10-31
[30] US (12/353,760) 2009-01-14
[30] US (12/353,817) 2009-01-14
[30] US (12/408,581) 2009-03-20
[30] US (12/609,246) 2009-10-30
[30] US (12/609,224) 2009-10-30

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,742,866**
[13] A1

[51] **Int.Cl. C07C 233/18 (2006.01) A61K 31/165 (2006.01) A61K 31/223 (2006.01) A61K 31/4164 (2006.01) A61K 31/5375 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **LYSOSOMOTROPIC INHIBITORS OF ACID CERAMIDASE**

[54] **INHIBITEURS LYSOSOMOTROPES DE CERAMIDASE ACIDE**

[72] BIELAWSKA, ALICJA, US

[72] BAI, AIPING, US

[72] SZULC, ZDZISLAW M., US

[72] HANNUN, YUSEF A., US

[72] NORRIS, JAMES, US

[72] XIANG, LIU, US

[73] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US

[73] BIELAWSKA, ALICJA, ZZ

[73] BAI, AIPING, ZZ

[73] SZULC, ZDZISLAW M., ZZ

[73] HANNUN, YUSEF A., ZZ

[73] NORRIS, JAMES, ZZ

[73] XIANG, LIU, ZZ

[85] 2011-05-05

[86] 2009-11-06 (PCT/US2009/063586)

[87] (WO2010/054223)

[30] US (61/111,852) 2008-11-06

[11] **2,742,904**
[13] A1

[51] **Int.Cl. B65D 47/34 (2006.01) B05B 11/00 (2006.01) B65D 47/40 (2006.01) B65D 83/76 (2006.01)**

[25] EN

[54] **ANTI DRIP FLUID DISPENSER**

[54] **DISTRIBUTEUR DE FLUIDE ANTIGOUTTE**

[72] LEWIS, RICHARD PAUL, US

[72] HALLS, MALCOLM C., US

[72] TRAMONTINA, PAUL, FRANCIS, US

[72] XIE, HUOXIAN, CN

[72] GUO, YUTAI, CN

[72] OSBORNE, CHARLES AGNEW, JR., US

[73] KIMBERLY-CLARK WORLDWIDE, INC., US

[73] LEWIS, RICHARD PAUL, ZZ

[73] HALLS, MALCOLM C., ZZ

[73] TRAMONTINA, PAUL, FRANCIS, ZZ

[73] XIE, HUOXIAN, ZZ

[73] GUO, YUTAI, ZZ

[73] OSBORNE, CHARLES AGNEW, JR., ZZ

[85] 2011-05-05

[86] 2009-11-19 (PCT/IB2009/055155)

[87] (WO2010/067226)

[30] US (12/329,904) 2008-12-08

[11] **2,743,129**
[13] A1

[51] **Int.Cl. C22C 19/05 (2006.01)**

[25] EN

[54] **ALUMINIUM OXIDE FORMING NICKEL BASED ALLOY**

[54] **ALLIAGE A BASE DE NICKEL FORMANT DE L'OXYDE D'ALUMINIUM**

[72] HELANDER, THOMAS, SE

[72] LUNDBERG, MATS, SE

[72] JONSSON, BO, SE

[73] SANDVIK INTELLECTUAL PROPERTY AB, SE

[73] HELANDER, THOMAS, ZZ

[73] LUNDBERG, MATS, ZZ

[73] JONSSON, BO, ZZ

[85] 2011-05-09

[86] 2009-11-06 (PCT/SE2009/051266)

[87] (WO2010/059105)

[30] SE (0802429-1) 2008-11-19

[11] **2,743,183**
[13] A1

[51] **Int.Cl. F24F 13/22 (2006.01) H01M 8/04029 (2016.01) E04H 5/02 (2006.01) F24F 7/00 (2006.01) F24F 13/24 (2006.01) F02B 63/04 (2006.01)**

[25] EN

[54] **OUTDOOR POWER GENERATING APPARATUS**

[54] **APPAREIL DE PRODUCTION D'ENERGIE ELECTRIQUE D'EXTERIEUR**

[72] NIWA, TOMOAKI, JP

[72] KAMIYA, HIROSHI, JP

[72] NAKANO, YOSHINOBU, JP

[73] AISIN SEIKI KABUSHIKI KAISHA, JP

[73] NIWA, TOMOAKI, ZZ

[73] KAMIYA, HIROSHI, ZZ

[73] NAKANO, YOSHINOBU, ZZ

[86] (2743183)

[87] (2743183)

[22] 2011-06-13

[30] JP (2010-137052) 2010-06-16

[11] **2,744,435**
[13] A1

[51] **Int.Cl. B61L 7/06 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR THE PROTECTION OF AN ELECTRIC LINE FOR RAILWAY SIGNALS**

[54] **PROCEDE ET SYSTEME DE PROTECTION D'UNE LIGNE ELECTRIQUE POUR SIGNAUX DE VOIE FERREE**

[72] MORELLI, MAURIZIO, IT

[72] TRENTINI, DANIELE, IT

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

[73] MORELLI, MAURIZIO, ZZ

[73] TRENTINI, DANIELE, ZZ

[85] 2011-05-20

[86] 2009-11-18 (PCT/IB2009/007508)

[87] (WO2010/058271)

[30] IT (MI2008A002088) 2008-11-21

**Canadian Patents Issued
October 24, 2017**

[11] **2,744,498**
[13] A1

[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/437 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **MLK INHIBITORS AND METHODS OF USE**

[54] **INHIBITEURS DE MLK ET PROCEDES D'UTILISATION**

[72] GELBARD, HARRIS A., US

[72] DEWHURST, STEPHEN, US

[72] GOODFELLOW, VAL S., US

[72] WIEMANN, TORSTEN, US

[72] LOWETH, COLIN, US

[73] UNIVERSITY OF ROCHESTER, US

[73] GELBARD, HARRIS A., ZZ

[73] DEWHURST, STEPHEN, ZZ

[73] GOODFELLOW, VAL S., ZZ

[73] WIEMANN, TORSTEN, ZZ

[73] LOWETH, COLIN, ZZ

[85] 2011-05-20

[86] 2009-11-25 (PCT/US2009/065878)

[87] (WO2010/068483)

[30] US (61/117,950) 2008-11-25

[30] US (61/148,755) 2009-01-30

[30] US (61/148,778) 2009-01-30

[11] **2,745,057**
[13] A1

[51] **Int.Cl. B26B 27/00 (2006.01)**

[25] EN

[54] **VEHICLE GLAZING PANEL CUT OUT APPARATUS AND TECHNIQUE**

[54] **DECOUPAGE DE PANNEAU DE VITRAGE DE VEHICULE ET TECHNIQUE ASSOCIEE**

[72] FINCK, WILLIAM, GB

[73] BELRON HUNGARY KFT-ZUG BRANCH, CH

[73] FINCK, WILLIAM, ZZ

[85] 2011-05-30

[86] 2009-11-26 (PCT/GB2009/002757)

[87] (WO2010/067046)

[30] GB (0822316.6) 2008-12-08

[11] **2,745,333**
[13] A1

[51] **Int.Cl. F16C 23/00 (2006.01) F16C 32/04 (2006.01) F16C 35/00 (2006.01) F16C 43/00 (2006.01)**

[25] EN

[54] **AN AXIALLY-ADJUSTABLE MAGNETIC BEARING AND A METHOD OF MOUNTING IT**

[54] **PALIER MAGNETIQUE REGLABLE SUR LE PLAN AXIAL ET SA METHODE DE MONTAGE**

[72] CARRASCO, EDUARDO, FR

[73] CARRASCO, EDUARDO, ZZ

[73] SKF MAGNETIC MECHATRONICS, FR

[86] (2745333)

[87] (2745333)

[22] 2011-07-05

[30] FR (1055551) 2010-07-08

[11] **2,745,635**
[13] A1

[51] **Int.Cl. C23C 28/00 (2006.01) C04B 41/89 (2006.01) C23C 28/04 (2006.01) F01D 5/28 (2006.01)**

[25] EN

[54] **METHODS FOR MAKING ENVIRONMENTAL BARRIER COATINGS AND CERAMIC COMPONENTS HAVING CMAS MITIGATION CAPABILITY**

[54] **PROCEDES DE FABRICATION DE REVETEMENTS ANTICORROSION PROTEGEANT DE L'ENVIRONNEMENT ET COMPOSANTS CERAMIQUES POSSEDANT UNE CAPACITE DE MITIGATION DES CMAS**

[72] KIRBY, GLEN HAROLD, US

[72] BOUTWELL, BRETT ALLEN, US

[72] ACKERMAN, JOHN FREDERICK, US

[73] GENERAL ELECTRIC COMPANY, US

[73] KIRBY, GLEN HAROLD, ZZ

[73] BOUTWELL, BRETT ALLEN, ZZ

[73] ACKERMAN, JOHN FREDERICK, ZZ

[85] 2011-06-02

[86] 2009-12-02 (PCT/US2009/066297)

[87] (WO2010/080241)

[30] US (12/340,098) 2008-12-19

[11] **2,745,977**
[13] A1

[51] **Int.Cl. G01K 7/42 (2006.01) G01K 13/02 (2006.01)**

[25] FR

[54] **METHOD FOR ESTIMATING A JET TEMPERATURE IN A JET ENGINE**

[54] **PROCEDE ET SYSTEME D'ESTIMATION D'UNE TEMPERATURE DE VEINE DANS UN TURBOREACTEUR**

[72] DJELASSI, CEDRIK, FR

[72] GAULLY, BRUNO, FR

[73] SNECMA, FR

[73] DJELASSI, CEDRIK, ZZ

[73] GAULLY, BRUNO, ZZ

[85] 2011-06-07

[86] 2009-12-08 (PCT/FR2009/052449)

[87] (WO2010/067011)

[30] FR (0858381) 2008-12-09

[11] **2,746,545**
[13] A1

[51] **Int.Cl. E21D 21/00 (2006.01)**

[25] EN

[54] **ANCHORING SYSTEMS AND METHODS OF USE THEREOF**

[54] **SYSTEMES D'ANCRAGE ET PROCEDES D'UTILISATION DE CEUX-CI**

[72] SIMMONS, WALTER NEAL, US

[72] SIMMONS, WALTER JOHN, US

[73] J-LOK CO., US

[73] SIMMONS, WALTER NEAL, ZZ

[73] SIMMONS, WALTER JOHN, ZZ

[85] 2011-06-10

[86] 2010-01-20 (PCT/US2010/021496)

[87] (WO2010/085484)

[30] US (12/356,454) 2009-01-20

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,746,674**

[13] A1

- [51] **Int.Cl. H04L 29/14 (2006.01)**
[25] EN
[54] **VIRTUALIZED SHARED PROTECTION CAPACITY**
[54] **CAPACITE DE PROTECTION PARTAGEE VIRTUALISEE**
[72] RANGANATHAN, RAGHURAMAN, US
[72] BLAIR, LOUDON, US
[72] GAZIER, MICHAEL, CA
[72] THIAGARAJAN, SASHISEKARAN, US
[73] CIENA LUXEMBOURG S.A.R.L., LU
[73] RANGANATHAN, RAGHURAMAN, ZZ
[73] BLAIR, LOUDON, ZZ
[73] GAZIER, MICHAEL, CA
[73] THIAGARAJAN, SASHISEKARAN, ZZ
[86] (2746674)
[87] (2746674)
[22] 2011-07-18
[30] US (12/839,200) 2010-07-19

[11] **2,746,699**

[13] A1

- [51] **Int.Cl. C08L 1/10 (2006.01) C08B 3/08 (2006.01)**
[25] EN
[54] **CELLULOSE BASED POLYMER MATERIAL**
[54] **MATERIAU POLYMERE A BASE DE CELLULOSE**
[72] MELDAL, MORTEN, DK
[72] RENIL, MANAT, DK
[73] CARLSBERG A/S, DK
[73] MELDAL, MORTEN, ZZ
[73] RENIL, MANAT, ZZ
[85] 2011-06-13
[86] 2009-12-16 (PCT/DK2009/050339)
[87] (WO2010/069329)
[30] DK (PA 2008 01816) 2008-12-16

[11] **2,747,360**

[13] A1

- [51] **Int.Cl. H01H 15/24 (2006.01) H01H 1/60 (2006.01) H01H 1/66 (2006.01) H01H 36/00 (2006.01)**
[25] EN
[54] **ELECTRONIC PLUNGER SWITCH**
[54] **COMMUTEUR ELECTRONIQUE A PLONGEUR**
[72] WEIROWSKI-HERZ, ACHIM, DE
[72] STEIMLE, KARL, DE
[72] HENGSTLER, ROLAND, DE
[73] KISSLING ELEKTROTECHNIK GMBH, DE
[73] WEIROWSKI-HERZ, ACHIM, ZZ
[73] STEIMLE, KARL, ZZ
[73] HENGSTLER, ROLAND, ZZ
[86] (2747360)
[87] (2747360)
[22] 2011-07-26
[30] DE (10 2010 033 014.0) 2010-07-31

[11] **2,748,028**

[13] A1

- [51] **Int.Cl. B22F 1/00 (2006.01) B22F 3/00 (2006.01) C22C 33/02 (2006.01)**
[25] EN
[54] **MACHINABILITY IMPROVING COMPOSITION**
[54] **COMPOSITION AMELIORANT L'USINABILITE**
[72] ANDERSSON, OLOF, SE
[72] HU, BO, US
[73] HOGANAS AB (PUBL), SE
[73] ANDERSSON, OLOF, ZZ
[73] HU, BO, ZZ
[85] 2011-06-21
[86] 2009-12-21 (PCT/SE2009/000532)
[87] (WO2010/074627)
[30] SE (0802656-9) 2008-12-22
[30] US (61/193,841) 2008-12-30

[11] **2,748,647**

[13] A1

- [51] **Int.Cl. E01F 15/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO BARRIERS**
[54] **AMELIORATIONS RELATIVES A DES BARRIERES OU S'Y RAPPORANT**
[72] JAMES, DALLAS REX, NZ
[73] VALMONT HIGHWAY TECHNOLOGY LIMITED, NZ
[86] (2748647)
[87] (2748647)
[22] 2011-08-10
[30] NZ (587332) 2010-08-12

[11] **2,748,908**

[13] A1

- [51] **Int.Cl. C07D 277/68 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 417/10 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **BENZOTHIAZOLONE DERIVATIVES**
[54] **DERIVES DE LA BENZOTHIAZOLONE**
[72] STIEBER, FRANK, DE
[72] SCHADT, OLIVER, DE
[72] DORSCH, DIETER, DE
[72] BLAUKAT, ANDREE, DE
[73] MERCK PATENT GMBH, DE
[73] STIEBER, FRANK, ZZ
[73] SCHADT, OLIVER, ZZ
[73] DORSCH, DIETER, ZZ
[73] BLAUKAT, ANDREE, ZZ
[85] 2011-07-05
[86] 2009-12-08 (PCT/EP2009/008756)
[87] (WO2010/078905)
[30] DE (10 2009 003 975.9) 2009-01-07

[11] **2,749,190**

[13] A1

- [51] **Int.Cl. A23L 7/10 (2016.01) A23L 7/00 (2016.01) A23L 29/212 (2016.01) A23L 33/21 (2016.01) A21D 2/36 (2006.01) A21D 8/04 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **ENZYMATIC GENERATION OF OLIGASACCHARIDES FROM CEREALS OR CEREAL BI-STREAMS**
[54] **GENERATION ENZYMATIQUE D'OLIGOSACCHARIDES A PARTIR DE CEREALES OU DE BI-SOUCHES DE CEREALE**
[72] SOERENSEN, JENS FRISBAEK, DK
[72] MIKKELSEN, RENE, DK
[72] POULSEN, CHARLOTTE HORSMANS, DK
[72] KRAGH, KARSTEN MATTHIAS, DK
[73] SOERENSEN, JENS FRISBAEK, ZZ
[73] MIKKELSEN, RENE, ZZ
[73] POULSEN, CHARLOTTE HORSMANS, ZZ
[73] KRAGH, KARSTEN MATTHIAS, ZZ
[73] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2011-07-07
[86] 2010-01-15 (PCT/EP2010/050446)
[87] (WO2010/081870)
[30] EP (09150744.2) 2009-01-16
[30] US (61/145,366) 2009-01-16

**Canadian Patents Issued
October 24, 2017**

[11] **2,750,108**
[13] A1

[51] **Int.Cl. A63B 59/70 (2015.01) B32B 38/06 (2006.01)**

[25] EN

[54] **HOCKEY STICK**

[54] **BATON DE HOCKEY**

[72] LUSSIER, REMI, CA

[72] JEAN, MARCEL, CA

[72] GATIEN, DANIEL, CA

[72] BELANGER, GERMAIN, CA

[73] LUSSIER, REMI, CA

[73] JEAN, MARCEL, CA

[73] GATIEN, DANIEL, CA

[73] BELANGER, GERMAIN, CA

[73] SPORT MASKA INC., CA

[86] (2750108)

[87] (2750108)

[22] 2011-08-16

[30] US (61/430,360) 2011-01-06

[11] **2,750,213**
[13] A1

[51] **Int.Cl. C11D 1/12 (2006.01) C11D 3/00 (2006.01)**

[25] EN

[54] **LIGHT DUTY LIQUID DETERGENT COMPOSITIONS OF SULFONATED ESTOLIDES AND OTHER DERIVATIVES OF FATTY ACIDS AND USES THEREOF**

[54] **COMPOSITIONS DETERGENTES LIQUIDES D'ESTOLIDES SULFONES ET AUTRES DERIVES D'ACIDES GRAS POUR LAVAGES DELICATS ET LEURS UTILISATIONS**

[72] BERNHARDT, RANDAL J., US

[72] ALONSO, LOURDES R., US

[72] DADO, GREGORY P., US

[73] STEPAN COMPANY, US

[73] BERNHARDT, RANDAL J., ZZ

[73] ALONSO, LOURDES R., ZZ

[73] DADO, GREGORY P., ZZ

[85] 2011-07-20

[86] 2009-07-21 (PCT/US2009/051319)

[87] (WO2010/085279)

[30] US (PCT/US2009/031608) 2009-01-21

[11] **2,750,458**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01)**

[25] EN

[54] **ABSORBENT COMPRISING AMINO ACIDS AND ACIDIC PROMOTER FOR REMOVING ACIDIC GASES**

[54] **AGENT D'ABSORPTION CONTENANT UN ACIDE AMINE ET UN PROMOTEUR ACIDE POUR L'ELIMINATION DE GAZ ACIDES**

[72] VORBERG, GERALD, DE

[72] KATZ, TORSTEN, DE

[72] SIEDER, GEORG, DE

[72] RIEMANN, CHRISTIAN, DE

[72] WAGNER, RUPERT, DE

[72] LICHTFERS, UTE, DE

[72] DENGLER, ERIKA, DE

[73] BASF SE, DE

[73] VORBERG, GERALD, ZZ

[73] KATZ, TORSTEN, ZZ

[73] SIEDER, GEORG, ZZ

[73] RIEMANN, CHRISTIAN, ZZ

[73] WAGNER, RUPERT, ZZ

[73] LICHTFERS, UTE, ZZ

[73] DENGLER, ERIKA, ZZ

[85] 2011-07-22

[86] 2010-01-27 (PCT/EP2010/050943)

[87] (WO2010/086334)

[30] EP (09151655.9) 2009-01-29

[11] **2,750,689**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN

[54] **PASSIVE INHALER WITH BLISTER STRIP**

[54] **INHALATEUR PASSIF AVEC BANDE ALVEOLEE THERMOFORMEE**

[72] WACHTEL, HERBERT, DE

[72] JUNG, ANDREE, DE

[72] BESSELER, JENS, DE

[72] KRAKOWKA, MANUEL, DE

[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[73] WACHTEL, HERBERT, ZZ

[73] JUNG, ANDREE, ZZ

[73] BESSELER, JENS, ZZ

[73] KRAKOWKA, MANUEL, ZZ

[85] 2011-07-25

[86] 2010-01-22 (PCT/IB2010/000115)

[87] (WO2010/084415)

[30] EP (09 001 001.8) 2009-01-26

[11] **2,751,733**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/46 (2006.01)**

[25] EN

[54] **PROVIDING LOGICAL NETWORKING FUNCTIONALITY FOR MANAGED COMPUTER NETWORKS**

[54] **FOURNITURE DE FONCTIONNALITE DE RESEAUTAGE LOGIQUE POUR DES RESEAUX INFORMATIQUES GERES**

[72] COHN, DANIEL T., US

[72] BRANDWINE, ERIC JASON, US

[72] DOANE, ANDREW J., US

[73] AMAZON TECHNOLOGIES, INC., US

[73] COHN, DANIEL T., ZZ

[73] BRANDWINE, ERIC JASON, ZZ

[73] DOANE, ANDREW J., ZZ

[85] 2011-08-05

[86] 2010-03-18 (PCT/US2010/027822)

[87] (WO2010/114715)

[30] US (12/414,260) 2009-03-30

[11] **2,751,946**
[13] A1

[51] **Int.Cl. G01N 21/00 (2006.01) G02B 6/124 (2006.01)**

[25] FR

[54] **SYSTEM AND DEVICE FOR OPTICAL DETECTION OF PARTICLES WITH AN ARRAY FOR DECOUPLING OPTICAL INFORMATION, CORRESPONDING MANUFACTURING METHOD**

[54] **SYSTEME ET EQUIPEMENT DE DETECTION OPTIQUE DE PARTICULES A EVENTAIL DE DECOUPLAGE DE L'INFORMATION OPTIQUE, PROCEDE DE FABRICATION CORRESPONDANT**

[72] BENISTY, HENRI, FR

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

[73] BENISTY, HENRI, ZZ

[85] 2011-08-08

[86] 2010-02-11 (PCT/FR2010/000109)

[87] (WO2010/092255)

[30] FR (09/00633) 2009-02-12

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,752,216**

[13] A1

- [51] **Int.Cl. B02C 19/18 (2006.01)**
[25] FR
[54] **RECOVERY METHOD AND SYSTEM OF MATERIALS AND/OR PRODUCTS BY PULSED POWER**
[54] **PROCEDE ET SYSTEME DE VALORISATION DE MATERIAUX ET/OU PRODUITS PAR PUISSANCE PULSEE**
[72] BENTAJ, ABDELAZIZ, FR
[72] OUAYAHYA, NADIR, FR
[72] CLEMENT, JEAN LOUIS, FR
[72] TUTUSAUS, JEAN PIERRE, FR
[73] CAMILLE COMPAGNIE D'ASSISTANCE MINIERE ET INDUSTRIELLE, FR
[73] BENTAJ, ABDELAZIZ, ZZ
[73] OUAYAHYA, NADIR, ZZ
[73] CLEMENT, JEAN LOUIS, ZZ
[73] TUTUSAUS, JEAN PIERRE, ZZ
[85] 2011-08-10
[86] 2010-02-11 (PCT/EP2010/051750)
[87] (WO2010/092134)
[30] FR (0950945) 2009-02-13

[11] **2,752,880**

[13] A1

- [51] **Int.Cl. A61B 17/15 (2006.01)**
[25] EN
[54] **PATIENT SPECIFIC SURGICAL GUIDE LOCATOR AND MOUNT**
[54] **LOCALISATEUR DE GUIDE CHIRURGICAL ET SUPPORT SPECIFIQUE DE PATIENT**
[72] CARROLL, MICHAEL, US
[72] OBERT, RICHARD, US
[72] STEMNISKI, PAUL, US
[73] CARROLL, MICHAEL, ZZ
[73] OBERT, RICHARD, ZZ
[73] STEMNISKI, PAUL, ZZ
[73] MICROPORT ORTHOPEDICS HOLDINGS INC., NL
[85] 2011-08-17
[86] 2010-02-24 (PCT/US2010/025143)
[87] (WO2010/099142)
[30] US (61/154,845) 2009-02-24
[30] US (12/710,898) 2010-02-23

[11] **2,753,042**

[13] A1

- [51] **Int.Cl. G01S 17/48 (2006.01) B63C 11/48 (2006.01) G01B 11/24 (2006.01) G01S 7/481 (2006.01)**
[25] EN
[54] **LASER SCANNER ASSEMBLY**
[54] **ENSEMBLE DISPOSITIF DE BALAYAGE A LASER**
[72] CIOCHON, TOMASZ, CA
[72] GILLHAM, JASON GREGORY, CA
[73] 2G ROBOTICS INC., CA
[73] CIOCHON, TOMASZ, CA
[73] GILLHAM, JASON GREGORY, CA
[85] 2011-08-19
[86] 2010-02-22 (PCT/CA2010/000241)
[87] (WO2010/094135)
[30] US (61/154,680) 2009-02-23
[30] US (61/156,975) 2009-03-03

[11] **2,753,139**

[13] A1

- [51] **Int.Cl. A61M 5/31 (2006.01) A61B 5/145 (2006.01) A61M 5/24 (2006.01) G06F 19/00 (2011.01) A61K 38/28 (2006.01)**
[25] EN
[54] **DRUG DELIVERY MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE DISTRIBUTION DE MEDICAMENTS**
[72] KRULEVITCH, PETER, US
[72] WILK, ROBERT, US
[72] KRAFT, ULRICH, DE
[72] SAVAGE, DONNA, US
[72] FOLEY, NICK, GB
[72] GLENCROSS, JAMES, GB
[72] SHEPHERD, DAVID, GB
[72] SIEH, ZARA, US
[72] PRICE, DAVID M. D., US
[73] LIFESCAN, INC., US
[73] KRULEVITCH, PETER, ZZ
[73] WILK, ROBERT, ZZ
[73] KRAFT, ULRICH, ZZ
[73] SAVAGE, DONNA, ZZ
[73] FOLEY, NICK, ZZ
[73] GLENCROSS, JAMES, ZZ
[73] SHEPHERD, DAVID, ZZ
[73] SIEH, ZARA, ZZ
[73] PRICE, DAVID M. D., ZZ
[85] 2011-08-19
[86] 2010-01-27 (PCT/US2010/022242)
[87] (WO2010/098929)
[30] US (61/156,421) 2009-02-27
[30] US (61/156,386) 2009-02-27
[30] US (61/156,472) 2009-02-27
[30] US (61/164,250) 2009-03-27

[11] **2,753,250**

[13] A1

- [51] **Int.Cl. E04D 1/20 (2006.01) E04D 1/30 (2006.01)**
[25] EN
[54] **HIP AND RIDGE ROOFING MATERIAL**
[54] **MATERIAU DE TOITURE POUR ARETIER ET FAITAGE**
[72] GRUBKA, LAWRENCE, US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[73] GRUBKA, LAWRENCE, ZZ
[85] 2011-08-22
[86] 2010-02-09 (PCT/US2010/023541)
[87] (WO2010/098972)
[30] US (12/392,392) 2009-02-25

[11] **2,753,520**

[13] A1

- [51] **Int.Cl. C08L 33/26 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01) C08J 9/236 (2006.01) C08K 5/04 (2006.01) C08L 71/02 (2006.01) C09K 8/588 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **CROSSLINKED SWELLABLE POLYMER**
[54] **POLYMERE RETICULE GONFLABLE**
[72] MORADIARAGHI, AHMAD, US
[72] ZORNES, DAVID R., US
[72] NEEDHAM, RILEY B., US
[72] HEDGES, JAMES H., US
[72] JOHNSTON, EVERETT L., US
[72] SCULLY, FAYE L., US
[73] CONOCOPHILLIPS COMPANY, US
[73] MORADIARAGHI, AHMAD, ZZ
[73] ZORNES, DAVID R., ZZ
[73] NEEDHAM, RILEY B., ZZ
[73] HEDGES, JAMES H., ZZ
[73] JOHNSTON, EVERETT L., ZZ
[73] SCULLY, FAYE L., ZZ
[85] 2011-08-24
[86] 2010-03-11 (PCT/US2010/027006)
[87] (WO2010/105070)
[30] US (61/159,486) 2009-03-12

**Canadian Patents Issued
October 24, 2017**

[11] **2,753,981**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/00 (2006.01) C12P 7/64 (2006.01)**

[25] EN
[54] **ACETYL-COA CARBOXYLASE**
[54] **ACETYL-COA CARBOXYLASE**
[72] OCHIAI, MISA, JP
[72] SAKURADANI, EIJI, JP
[72] SHIMIZU, SAKAYU, JP
[72] OGAWA, JUN, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[73] OCHIAI, MISA, ZZ
[73] SAKURADANI, EIJI, ZZ
[73] SHIMIZU, SAKAYU, ZZ
[73] OGAWA, JUN, ZZ
[85] 2011-08-30
[86] 2010-03-17 (PCT/JP2010/054582)
[87] (WO2010/107070)
[30] JP (2009-066147) 2009-03-18

[11] **2,754,434**
[13] A1

[51] **Int.Cl. A01N 57/16 (2006.01) A01N 25/28 (2006.01) A01N 57/00 (2006.01) A01P 7/04 (2006.01)**

[25] EN
[54] **MICROENCAPSULATED INSECTICIDE FORMULATIONS**
[54] **COMPOSITIONS INSECTICIDES MICROENCAPSULEES**
[72] WILSON, STEPHEN L., US
[72] BOUCHER, RAYMOND E., JR., US
[73] DOW AGROSCIENCES LLC, US
[73] WILSON, STEPHEN L., ZZ
[73] BOUCHER, RAYMOND E., JR., ZZ
[85] 2011-09-02
[86] 2010-03-01 (PCT/US2010/025755)
[87] (WO2010/101821)
[30] US (61/157,339) 2009-03-04

[11] **2,754,572**
[13] A1

[51] **Int.Cl. B01J 19/12 (2006.01) A23L 5/30 (2016.01) A21B 2/00 (2006.01) A23L 3/005 (2006.01) A47J 27/088 (2006.01) A47J 37/00 (2006.01) F24C 7/02 (2006.01) H01S 5/00 (2006.01) H05K 1/02 (2006.01) H05K 7/20 (2006.01)**

[25] EN
[54] **DIGITAL HEAT INJECTION BY WAY OF SURFACE EMITTING SEMI-CONDUCTOR DEVICES**
[54] **INJECTION NUMERIQUE DE CHALEUR AU MOYEN DE DISPOSITIFS SEMI-CONDUCTEURS A EMISSION DE SURFACE**
[72] COCHRAN, DON W., US
[72] JOHNSON, BENJAMIN D., US
[72] KATZ, JONATHAN M., US
[72] MOORE, MARK W., US
[72] MORGAN, NOEL E., US
[72] ROSS, DENWOOD F., US
[73] PRESSCO TECHNOLOGY, INC., US
[73] COCHRAN, DON W., ZZ
[73] JOHNSON, BENJAMIN D., ZZ
[73] KATZ, JONATHAN M., ZZ
[73] MOORE, MARK W., ZZ
[73] MORGAN, NOEL E., ZZ
[73] ROSS, DENWOOD F., ZZ
[85] 2011-09-06
[86] 2010-03-05 (PCT/US2010/026447)
[87] (WO2010/102263)
[30] US (61/157,799) 2009-03-05
[30] US (61/224,765) 2009-07-10

[11] **2,754,640**
[13] A1

[51] **Int.Cl. E03F 5/10 (2006.01) E03F 9/00 (2006.01)**

[25] EN
[54] **TANK WITH A TILTING BUCKET**
[54] **CUVE A AUGET BASCULANT DESTINEE A DISTRIBUER UN EFFLUENT**
[72] JUHERE, YANNICK, FR
[72] DAUTAIS, JEAN-PIERRE, FR
[73] MAYA GROUP, FR
[73] JUHERE, YANNICK, ZZ
[73] DAUTAIS, JEAN-PIERRE, ZZ
[73] PREMIER TECH TECHNOLOGIES, CA
[85] 2011-09-02
[86] 2010-03-02 (PCT/EP2010/052637)
[87] (WO2010/100161)
[30] FR (09/51334) 2009-03-03

[11] **2,755,264**
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/80 (2006.01)**

[25] EN
[54] **DYNAMIC VERTEBRAL COLUMN PLATE SYSTEM**
[54] **SYSTEME DYNAMIQUE DE PLAQUE DE COLONNE VERTEBRALE**
[72] HESS, HAROLD, US
[73] SPINAL SIMPLICITY LLC, US
[73] HESS, HAROLD, ZZ
[85] 2011-09-13
[86] 2010-03-15 (PCT/US2010/027368)
[87] (WO2010/105279)
[30] US (61/160,154) 2009-03-13

[11] **2,755,671**
[13] A1

[51] **Int.Cl. B27K 3/02 (2006.01) A01N 25/34 (2006.01) A01N 59/16 (2006.01) B27K 3/26 (2006.01) E02B 3/24 (2006.01)**

[25] EN
[54] **IMMERSED WOOD PROTECTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE PROTECTION DE BOIS IMMERGE**
[72] CASTAGNA, SANDRO, IT
[73] CASTAGNA, SANDRO, IT
[85] 2011-09-15
[86] 2010-03-17 (PCT/EP2010/053475)
[87] (WO2010/106108)
[30] US (61/202,603) 2009-03-17

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,755,832**
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04W 4/14 (2009.01)**

[25] EN

[54] **METHODS, SYSTEMS AND COMPUTER READABLE MEDIA FOR SELECTING AND DELIVERING ELECTRONIC VALUE CERTIFICATES USING A MOBILE DEVICE**

[54] **PROCEDES, SYSTEMES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR SELECTIONNER ET DELIVRER DES CERTIFICATS DE VALEUR ELECTRONIQUES A L'AIDE D'UN DISPOSITIF MOBILE**

[72] KUMAR, PRADEEP, US

[72] DELAGRANGE, MIKEL ROBERT, US

[73] KUMAR, PRADEEP, ZZ

[73] DELAGRANGE, MIKEL ROBERT, ZZ

[73] MASTERCARD INTERNATIONAL INCORPORATED, US

[85] 2011-09-16

[86] 2010-03-18 (PCT/US2010/027801)

[87] (WO2010/107994)

[30] US (12/406,916) 2009-03-18

[11] **2,756,373**
[13] A1

[51] **Int.Cl. A61L 27/44 (2006.01) A61L 29/12 (2006.01) A61L 31/12 (2006.01)**

[25] EN

[54] **BIOCOMPATIBLE COMPOSITE AND ITS USE**

[54] **COMPOSITE BIOCOMPATIBLE ET SES UTILISATIONS**

[72] LEHTONEN, TIMO, FI

[72] TUOMINEN, JUKKA, FI

[73] LEHTONEN, TIMO, ZZ

[73] TUOMINEN, JUKKA, ZZ

[73] PURAC BIOCHEM BV, NL

[85] 2011-09-22

[86] 2010-04-22 (PCT/EP2010/055335)

[87] (WO2010/122098)

[30] EP (09158597.6) 2009-04-23

[11] **2,756,692**
[13] A1

[51] **Int.Cl. H04N 19/895 (2014.01) H04N 21/6379 (2011.01) H04N 19/159 (2014.01) H04N 19/177 (2014.01) H04N 19/85 (2014.01) H04L 1/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR UTILIZING FORWARD ERROR CORRECTION WITH VIDEO COMPRESSION**

[54] **SYSTEME ET PROCEDE UTILISANT UNE CORRECTION D'ERREURS SANS CIRCUIT DE RETOUR DANS LE CADRE D'UNE COMPRESSION VIDEO**

[72] PERLMAN, STEPHEN G., US

[72] VAN DER LAAN, ROGER, US

[72] COTTER, TIMOTHY, US

[72] FURMAN, SCOTT, US

[72] MCCOOL, ROBERT, US

[72] BUCKLEY, IAN, US

[73] PERLMAN, STEPHEN G., ZZ

[73] VAN DER LAAN, ROGER, ZZ

[73] COTTER, TIMOTHY, ZZ

[73] FURMAN, SCOTT, ZZ

[73] MCCOOL, ROBERT, ZZ

[73] BUCKLEY, IAN, ZZ

[73] SONY COMPUTER ENTERTAINMENT AMERICA LLC, US

[85] 2011-09-23

[86] 2010-03-17 (PCT/US2010/027727)

[87] (WO2010/111101)

[30] US (61/210,888) 2009-03-23

[30] US (12/538,062) 2009-08-07

[11] **2,757,181**
[13] A1

[51] **Int.Cl. G07D 5/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR PRODUCING OPTICAL SIGNATURES FROM COINAGE**

[54] **APPAREIL POUR PRODUIRE DES SIGNATURES OPTIQUES A PARTIR DE LA FRAPPE DE LA MONNAIE**

[72] HADDOCK, RICHARD M., US

[73] COINSECURE, INC., US

[73] HADDOCK, RICHARD M., ZZ

[85] 2011-09-28

[86] 2009-04-20 (PCT/US2009/041163)

[87] (WO2009/129543)

[30] US (61/046,336) 2008-04-18

[11] **2,757,447**
[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01) G09F 3/10 (2006.01)**

[25] EN

[54] **REMOVABLE ADHESIVE LABEL CONTAINING HIGH TENSILE MODULUS POLYMERIC FILM LAYER**

[54] **ETIQUETTE ADHESIVE REPOSITIONNABLE CONTENANT UNE COUCHE DE FILM POLYMERE A MODULE EN TRACTION ELEVE**

[72] HENDERSON, KEVIN O., US

[73] AVERY DENNISON CORPORATION, US

[73] HENDERSON, KEVIN O., ZZ

[85] 2011-09-30

[86] 2010-03-30 (PCT/US2010/029169)

[87] (WO2010/117767)

[30] US (61/164,694) 2009-03-30

[11] **2,757,637**
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01)**

[25] EN

[54] **MEANS AND METHODS FOR THE DETERMINATION OF THE AMOUNT OF NEUROTOXIN POLYPEPTIDE AND OF ITS CATALYTIC AND PROTEOLYTIC ACTIVITIES**

[54] **MOYENS ET PROCEDES POUR DETERMINER LA QUANTITE DE POLYPEPTIDE NEUROTOXINE ET DE SES ACTIVITES CATALYTIQUES ET PROTEOLYTIQUES**

[72] PFEIL, MICHAEL, DE

[72] FRIEDRICH, JOSEF, DE

[73] MERZ PHARMA GMBH & CO. KGAA, DE

[73] PFEIL, MICHAEL, ZZ

[73] FRIEDRICH, JOSEF, ZZ

[85] 2011-10-04

[86] 2010-04-23 (PCT/EP2010/055432)

[87] (WO2010/124998)

[30] EP (09158788.1) 2009-04-27

[30] US (61/214,650) 2009-04-27

**Canadian Patents Issued
October 24, 2017**

[11] **2,757,757**
[13] A1

[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/215 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **USE OF 1-PHENYL-3-DIMETHYLAMINOPROPANE COMPOUNDS FOR TREATING RHEUMATOID PAIN**

[54] **UTILISATION DE COMPOSES 1-PHENYL-3-DIMETHYLAMINOPROPANE POUR TRAITER UNE DOULEUR RHUMATOÏDE**

[72] JAHNEL, ULRICH, DE
[72] SCHIENE, KLAUS, DE
[73] JAHNEL, ULRICH, ZZ
[73] SCHIENE, KLAUS, ZZ
[73] GRUENENTHAL GMBH, DE

[85] 2011-10-04
[86] 2010-04-26 (PCT/EP2010/002606)
[87] (WO2010/124856)
[30] EP (09005980.9) 2009-04-30

[11] **2,759,184**
[13] A1

[51] **Int.Cl. C08G 59/32 (2006.01) C08G 59/40 (2006.01) C08L 63/00 (2006.01)**

[25] EN

[54] **ENGINEERED CROSSLINKED THERMOPLASTIC PARTICLES FOR INTERLAMINAR TOUGHENING**

[54] **PARTICULES THERMOPLASTIQUES RETICULEES MANIPULEES POUR L'AUGMENTATION DE LA COHESION INTERLAMINAIRE**

[72] BAIDAK, ALEXANDRE A., GB
[72] MCGRAIL, PATRICK TERENCE, GB
[73] CYTEC TECHNOLOGY CORP., US
[73] BAIDAK, ALEXANDRE A., ZZ
[73] MCGRAIL, PATRICK TERENCE, ZZ

[85] 2011-10-18
[86] 2010-05-28 (PCT/GB2010/001062)
[87] (WO2010/136772)
[30] US (61/182,302) 2009-05-29

[11] **2,759,682**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/33 (2013.01) G06F 3/12 (2006.01) G06F 17/00 (2006.01)**

[25] EN

[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR CONDUCTING TRANSACTIONS REMOTELY**

[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR POUR EFFECTUER DES TRANSACTIONS A DISTANCE**

[72] GIBSON, MATTHEW, CA
[72] WILTSHIRE, JOHN H. D., CA
[72] DAVE, RAVI VIPOOL BALMUKUND, CA

[73] SYNGRAFII CORPORATION, CA

[85] 2011-10-21
[86] 2009-04-21 (PCT/CA2009/000513)
[87] (WO2009/129609)
[30] US (61/046,536) 2008-04-21

[11] **2,758,609**
[13] A1

[51] **Int.Cl. H02J 1/16 (2006.01) H02J 7/14 (2006.01) H02J 7/34 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TRANSFERRING POWER BETWEEN AN AIRCRAFT POWER SYSTEM AND ENERGY STORAGE DEVICES**

[54] **SYSTEME ET PROCEDE POUR TRANSFERER L'ENERGIE ENTRE UN SYSTEME D'ALIMENTATION POUR AVION ET DES DISPOSITIFS DE STOCKAGE D'ENERGIE**

[72] RADUN, ARTHUR VORWERK, US
[73] GE AVIATION SYSTEMS LLC, US
[73] RADUN, ARTHUR VORWERK, ZZ

[85] 2011-10-13
[86] 2010-03-12 (PCT/US2010/027094)
[87] (WO2010/126654)
[30] US (12/433,782) 2009-04-30

[11] **2,759,384**
[13] A1

[51] **Int.Cl. H02J 3/00 (2006.01) H02J 9/06 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR NO-BREAK POWER TRANSFER WITH A CONVERTER**

[54] **PROCEDES ET SYSTEMES POUR UN TRANSFERT D'ENERGIE SANS RUPTURE AVEC UN CONVERTISSEUR**

[72] KARIPIDES, DAVID DIMITRI, US
[73] GE AVIATION SYSTEMS LLC, US
[73] KARIPIDES, DAVID DIMITRI, ZZ

[85] 2011-10-20
[86] 2010-03-12 (PCT/US2010/027074)
[87] (WO2010/126652)
[30] US (12/433,744) 2009-04-30

[11] **2,759,886**
[13] A1

[51] **Int.Cl. E21B 47/00 (2006.01) G01F 1/00 (2006.01) G01P 5/00 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO OPTICALLY DETERMINE VELOCITIES OF DOWNHOLE FLUIDS**

[54] **PROCEDES ET APPAREIL POUR DETERMINER OPTIQUEMENT DES VITESSES DE FLUIDES DE FOND DE TROU**

[72] KALB, FREDERIQUE, FR
[73] SCHLUMBERGER CANADA LIMITED, CA

[73] KALB, FREDERIQUE, ZZ

[85] 2011-10-25
[86] 2010-04-27 (PCT/IB2010/000935)
[87] (WO2010/125439)
[30] US (12/430,913) 2009-04-28

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,759,927**

[13] A1

- [51] **Int.Cl. G06K 7/00 (2006.01)**
[25] EN
[54] **A WEARABLE RFID SYSTEM**
[54] **SYSTEME RFID POUVANT ETRE PORTE**
[72] ALTUNBAS, AHMET ERDEM, US
[72] WELLS, JEFFREY LANE, US
[72] DAGDELEN UYSAL, DILEK, US
[73] FRANWELL, INC., US
[73] ALTUNBAS, AHMET ERDEM, ZZ
[73] WELLS, JEFFREY LANE, ZZ
[73] DAGDELEN UYSAL, DILEK, ZZ
[85] 2011-10-24
[86] 2010-04-22 (PCT/US2010/032078)
[87] (WO2010/124107)
[30] US (61/171,516) 2009-04-22
[30] US (61/324,044) 2010-04-14

[11] **2,760,500**

[13] A1

- [51] **Int.Cl. E02D 7/14 (2006.01) E02D 7/16 (2006.01) E02D 13/00 (2006.01)**
[25] EN
[54] **TELESCOPING LEADER SYSTEM**
[54] **SYSTEME D'AVANCE TELESCOPIQUE**
[72] GUNNARSON, JAY, CA
[73] NORTHSTAR SHARP'S FOUNDATION SPECIALISTS LTD., CA
[85] 2011-10-28
[86] 2010-05-03 (PCT/CA2010/000659)
[87] (WO2010/124386)
[30] US (61/174,551) 2009-05-01

[11] **2,761,096**

[13] A1

- [51] **Int.Cl. G01R 31/12 (2006.01) G01R 31/06 (2006.01)**
[25] FR
[54] **PARTIAL DISCHARGE DETECTION DEVICE CAPABLE OF DETERMINING THE EXTERNAL OR INTERNAL ORIGIN OF A PARTIAL DISCHARGE, AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE DETECTION DE DECHARGE PARTIELLE APTÉ A DETERMINER L'ORIGINE EXTERIEURE OU INTERIEURE D'UNE DECHARGE PARTIELLE ET PROCEDE ASSOCIE**
[72] LUNA, GILBERT, FR
[72] LOUISE, SEBASTIEN, FR
[73] LUNA, GILBERT, ZZ
[73] LOUISE, SEBASTIEN, ZZ
[73] ALSTOM TECHNOLOGY LTD., CH
[85] 2011-11-03
[86] 2010-05-10 (PCT/EP2010/056330)
[87] (WO2010/130671)
[30] FR (09 53146) 2009-05-13

[11] **2,761,600**

[13] A1

- [51] **Int.Cl. A61K 31/4468 (2006.01) A61K 9/70 (2006.01) A61K 47/06 (2006.01) A61K 47/14 (2017.01) A61K 47/32 (2006.01)**
[25] EN
[54] **FENTANYL-CONTAINING ADHESIVE PREPARATION FOR EXTERNAL USE**
[54] **PREPARATION ADHESIVE CONTENANT DU FENTANYL DESTINEE A UN USAGE EXTERNE**
[72] NARUSE, MAMORU, JP
[72] HATTORI, KENICHI, JP
[72] MATSUSHITA, KUNIHICO, JP
[73] TEIKOKU SEIYAKU CO., LTD., JP
[73] NARUSE, MAMORU, ZZ
[73] HATTORI, KENICHI, ZZ
[73] MATSUSHITA, KUNIHICO, ZZ
[85] 2011-11-09
[86] 2010-07-21 (PCT/JP2010/062201)
[87] (WO2011/010645)
[30] JP (2009-173135) 2009-07-24

[11] **2,761,838**

[13] A1

- [51] **Int.Cl. A61B 17/64 (2006.01)**
[25] EN
[54] **FIXATION CLAMP**
[54] **COLLIER DE FIXATION**
[72] DORAWA, KLAUS, CH
[72] CREMER, AXEL, DE
[72] BUSCH, ADAM, DE
[73] DORAWA, KLAUS, ZZ
[73] CREMER, AXEL, ZZ
[73] BUSCH, ADAM, ZZ
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[86] (2761838)
[87] (2761838)
[22] 2011-12-13
[30] EP (10 194 943.6) 2010-12-14

**Canadian Patents Issued
October 24, 2017**

[11] **2,761,961**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/551 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) A61P 25/00 (2006.01) C07D 491/04 (2006.01) C07D 495/04 (2006.01)**

[25] EN

[54] **MODULATORS OF 5-HT RECEPTORS AND METHODS OF USE THEREOF**

[54] **MODULATEURS DES RECEPTEURS 5-HT, ET PROCEDES D'UTILISATION CORRESPONDANTS**

[72] AKRITPOULOU-ZANZE, IRINI, US

[72] BRAJE, WILFRIED, DE

[72] DJURIC, STEVAN W., US

[72] WILSON, NOEL S., US

[72] TURNER, SEAN C., DE

[72] KRUGER, ALBERT W., US

[72] RELO, ANA-LUCIA, DE

[72] SHEKHAR, SHASHANK, US

[72] WELCH, DENNIE S., US

[72] ZHAO, HONGYU, US

[72] GANDARILLA, JORGE, US

[72] GASIECKI, ALAN F., US

[72] LI, HUANQIU, US

[72] THOMPSON, CHRISTINA M., US

[72] ZHANG, MIN, US

[73] AKRITPOULOU-ZANZE, IRINI, ZZ

[73] BRAJE, WILFRIED, ZZ

[73] DJURIC, STEVAN W., ZZ

[73] WILSON, NOEL S., ZZ

[73] TURNER, SEAN C., ZZ

[73] KRUGER, ALBERT W., ZZ

[73] RELO, ANA-LUCIA, ZZ

[73] SHEKHAR, SHASHANK, ZZ

[73] WELCH, DENNIE S., ZZ

[73] ZHAO, HONGYU, ZZ

[73] GANDARILLA, JORGE, ZZ

[73] GASIECKI, ALAN F., ZZ

[73] LI, HUANQIU, ZZ

[73] THOMPSON, CHRISTINA M., ZZ

[73] ZHANG, MIN, ZZ

[73] ABBVIE INC., US

[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE

[85] 2011-11-15

[86] 2010-05-20 (PCT/US2010/035626)

[87] (WO2010/135560)

[30] US (61/180,569) 2009-05-22

[11] **2,762,539**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) H01J 49/00 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING AND SEQUENCING POST TRANSLATIONALLY MODIFIED PEPTIDES**

[54] **PROCEDE PERMETTANT DE DETECTER ET DE SEQUENCER DES PEPTIDES AYANT SUBI UNE MODIFICATION POST-TRADUCTIONNELLE**

[72] HUGHES, CHRISTOPHER JOHN, GB

[72] MCKENNA, THERESE, GB

[72] GORDON, DAVID, GB

[72] KENNY, DANIEL JAMES, GB

[73] MICROMASS UK LIMITED, GB

[73] HUGHES, CHRISTOPHER JOHN, ZZ

[73] MCKENNA, THERESE, ZZ

[73] GORDON, DAVID, ZZ

[73] KENNY, DANIEL JAMES, ZZ

[85] 2011-11-18

[86] 2010-05-28 (PCT/GB2010/001077)

[87] (WO2010/136780)

[30] GB (0909285.9) 2009-05-29

[30] US (61/182,123) 2009-05-29

[11] **2,762,772**
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/00 (2006.01) A61M 35/00 (2006.01)**

[25] EN

[54] **DEVICE FOR DELIVERING ADHESIVE**

[54] **DISPOSITIF DE DISTRIBUTION D'UN ADHESIF**

[72] KAPEC, JEFFREY S., US

[72] TANAKA, KAZUNA, US

[72] NAOI, YUKIKO, US

[72] FOCHT, KENNETH ALLEN, US

[73] COHERA MEDICAL, INC., US

[73] KAPEC, JEFFREY S., ZZ

[73] TANAKA, KAZUNA, ZZ

[73] NAOI, YUKIKO, ZZ

[73] FOCHT, KENNETH ALLEN, ZZ

[85] 2011-11-18

[86] 2010-05-19 (PCT/US2010/035452)

[87] (WO2010/135457)

[30] US (61/179,632) 2009-05-19

[11] **2,762,940**
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01)**

[25] FR

[54] **WIRELESS IDENTIFICATION AND RESEARCH NETWORK FOR SPACE DEVICES**

[54] **RESEAU SANS FIL D'IDENTIFICATION ET D'INVESTIGATION POUR EQUIPEMENTS SPATIAUX**

[72] GUYOT, PHILIPPE, FR

[72] BAINIER, CHRISTIAN, FR

[73] THALES, FR

[73] GUYOT, PHILIPPE, ZZ

[73] BAINIER, CHRISTIAN, ZZ

[85] 2011-11-21

[86] 2010-04-30 (PCT/EP2010/055926)

[87] (WO2010/139513)

[30] FR (0902730) 2009-06-05

[11] **2,763,307**
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/255 (2006.01)**

[25] EN

[54] **LASER-SHAPED OPTICAL FIBERS ALONG WITH OPTICAL ASSEMBLIES AND METHODS THEREFOR**

[54] **FIBRES OPTIQUES EN FORME DE LASER CONJOINTEMENT AVEC DES ENSEMBLES OPTIQUES ET PROCEDES APPARENTES**

[72] DANLEY, JEFFREY D., US

[72] ROSSON, JOEL C., US

[73] DANLEY, JEFFREY D., ZZ

[73] ROSSON, JOEL C., ZZ

[73] CORNING OPTICAL COMMUNICATIONS LLC, US

[85] 2011-11-23

[86] 2010-05-14 (PCT/US2010/034908)

[87] (WO2010/138319)

[30] US (12/474,923) 2009-05-29

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,763,311**
[13] A1

[51] **Int.Cl. D03D 15/00 (2006.01) B32B 5/26 (2006.01) D03D 7/00 (2006.01) D03D 11/00 (2006.01) D03D 13/00 (2006.01) D03D 15/08 (2006.01) D21F 1/00 (2006.01) D21F 3/02 (2006.01)**

[25] EN
[54] **ULTRA-RESILIENT FABRIC**
[54] **TISSU ULTRA-RESILIENT**
[72] HANSEN, ROBERT A., US
[72] RYDIN, BJORN, SE
[72] LUCIANO, WILLIAM, US
[73] ALBANY INTERNATIONAL CORP., US
[73] HANSEN, ROBERT A., ZZ
[73] RYDIN, BJORN, ZZ
[73] LUCIANO, WILLIAM, ZZ
[85] 2011-11-23
[86] 2010-05-27 (PCT/US2010/036398)
[87] (WO2010/141319)
[30] US (12/479,317) 2009-06-05

[11] **2,763,389**
[13] A1

[51] **Int.Cl. G01D 5/353 (2006.01)**

[25] EN
[54] **OPTICAL SENSOR AND METHOD OF USE**
[54] **DETECTEUR OPTIQUE ET SON PROCEDE D'UTILISATION**
[72] FARHADIROUSHAN, MAHMOUD, GB
[72] PARKER, TOM RICHARD, GB
[72] SHATALIN, SERGEY, GB
[73] SILIXA LTD, GB
[73] FARHADIROUSHAN, MAHMOUD, ZZ
[73] PARKER, TOM RICHARD, ZZ
[73] SHATALIN, SERGEY, ZZ
[85] 2011-11-24
[86] 2010-05-27 (PCT/GB2010/050888)
[87] (WO2010/136809)
[30] GB (0908990.5) 2009-05-27
[30] GB (0912051.0) 2009-07-11

[11] **2,763,456**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/5415 (2006.01)**

[25] EN
[54] **REDUCTION OF FLAKE-LIKE AGGREGATION IN NANOPARTICULATE ACTIVE AGENT COMPOSITIONS**
[54] **REDUCTION DE L'AGREGATION A L'ORIGINE DE PAILLETES DANS DES COMPOSITIONS A BASE D'UN PRINCIPE ACTIF NANOPARTICULAIRE**
[72] RYDE, NIELS P., US
[72] SNYDER, PETER, US
[72] LIU, WEI, US
[72] SLIFER, DAVID M., US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
[73] RYDE, NIELS P., ZZ
[73] SNYDER, PETER, ZZ
[73] LIU, WEI, ZZ
[73] SLIFER, DAVID M., ZZ
[85] 2011-11-23
[86] 2010-05-26 (PCT/US2010/036127)
[87] (WO2010/138539)
[30] US (61/181,641) 2009-05-27

[11] **2,763,783**
[13] A1

[51] **Int.Cl. B64C 35/00 (2006.01)**

[25] EN
[54] **WINGTIP AND SPONSON INTERACTION ON AN AMPHIBIOUS AIRCRAFT**
[54] **INTERACTION DE BOUT D'AILE ET DE NAGEOIRE SUR UN AVION AMPHIBIE**
[72] KARKOW, JON, US
[72] HAWKINS, KIRK, US
[72] GIONTA, MATTHEW, US
[72] STRAND, STEEN, US
[73] ICON AIRCRAFT, INC., US
[73] KARKOW, JON, ZZ
[73] HAWKINS, KIRK, ZZ
[73] GIONTA, MATTHEW, ZZ
[73] STRAND, STEEN, ZZ
[85] 2011-11-25
[86] 2010-06-02 (PCT/US2010/037014)
[87] (WO2010/144280)
[30] US (12/482,336) 2009-06-10

[11] **2,763,942**
[13] A1

[51] **Int.Cl. C05G 3/00 (2006.01) C08G 18/63 (2006.01) C08G 18/76 (2006.01)**

[25] EN
[54] **AN ENCAPSULATED PARTICLE**
[54] **PARTICULE ENCAPSULEE**
[72] MENTE, DONALD CHARLES, US
[73] BASF SE, DE
[73] MENTE, DONALD CHARLES, ZZ
[85] 2011-11-29
[86] 2010-06-23 (PCT/EP2010/058934)
[87] (WO2010/149713)
[30] US (12/490771) 2009-06-24

[11] **2,763,989**
[13] A1

[51] **Int.Cl. C08L 5/12 (2006.01) A61K 9/10 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01) C08J 7/04 (2006.01) C08L 5/04 (2006.01)**

[25] EN
[54] **IMMUNO-COMPATIBLE HYDROGEL SYSTEM**
[54] **SYSTEME D'HYDROGEL IMMUNOCOMPATIBLE**
[72] BURKE, NICHOLAS, CA
[72] MILLS, CASEY, CA
[72] STOVER, HARALD, CA
[73] MILLS, CASEY, ZZ
[73] MCMASTER UNIVERSITY, CA
[85] 2011-11-30
[86] 2010-06-02 (PCT/CA2010/000830)
[87] (WO2010/139061)
[30] US (61/213,367) 2009-06-02

Canadian Patents Issued
October 24, 2017

[11] **2,764,144**
[13] A1

[51] **Int.Cl. F25J 3/00 (2006.01) C10L 3/10 (2006.01) F25J 5/00 (2006.01)**

[25] EN

[54] **HYDROCARBON GAS PROCESSING**

[54] **TRAITEMENT D'HYDROCARBURE GAZEUX**

[72] JOHNKE, ANDREW F., US

[72] LEWIS, W. LARRY, US

[72] WILKINSON, JOHN D., US

[72] LYNCH, JOE T., US

[72] HUDSON, HANK M., US

[72] CUELLAR, KYLE T., US

[73] ORTIOFF ENGINEERS, LTD., US

[73] JOHNKE, ANDREW F., ZZ

[73] LEWIS, W. LARRY, ZZ

[73] WILKINSON, JOHN D., ZZ

[73] LYNCH, JOE T., ZZ

[73] HUDSON, HANK M., ZZ

[73] CUELLAR, KYLE T., ZZ

[73] S.M.E. PRODUCTS LP, US

[85] 2011-11-30

[86] 2010-05-17 (PCT/US2010/035121)

[87] (WO2010/144217)

[30] US (61/186,361) 2009-06-11

[30] US (12/689,616) 2010-01-19

[30] US (12/717,394) 2010-03-04

[30] US (12/750,862) 2010-03-31

[30] US (12/772,472) 2010-05-03

[30] US (12/781,259) 2010-05-17

[11] **2,764,146**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **INCISION CLOSURE DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE DE FERMETURE D'INCISION**

[72] STRAEHNZ, JENS-PETER, DE

[73] ETHICON, INC., US

[73] STRAEHNZ, JENS-PETER, ZZ

[85] 2011-11-30

[86] 2010-05-24 (PCT/US2010/035934)

[87] (WO2010/141252)

[30] US (12/476,826) 2009-06-02

[11] **2,764,412**
[13] A1

[51] **Int.Cl. G07C 9/00 (2006.01) B60R 25/00 (2013.01)**

[25] EN

[54] **DUPLICATION MEANS FOR AN ELECTRONICALLY CODED KEY AND RELATED METHOD**

[54] **MOYEN DE REPRODUCTION POUR CLE A CODAGE ELECTRONIQUE ET PROCEDE ASSOCIE**

[72] REBULI, DAVID, IT

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

[73] REBULI, DAVID, ZZ

[85] 2011-12-02

[86] 2010-03-26 (PCT/EP2010/054015)

[87] (WO2010/142474)

[30] IT (PN2009A000038) 2009-06-10

[11] **2,764,432**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01) C07K 14/715 (2006.01)**

[25] EN

[54] **INTERLEUKIN-3 RECEPTOR ALPHA CHAIN-BINDING ANTIBODY TO TREAT LEUKEMIA**

[54] **ANTICORPS SE LIANT A LA CHAINE ALPHA DU RECEPTEUR D'INTERLEUKINE-3 DESTINE A TRAITER LA LEUCEMIE**

[72] TAWARA, TOMONORI, JP

[72] TAKAYANAGI, SHINICHIRO, JP

[72] INAGAKI, YOSHIMASA, JP

[73] KYOWA HAKKO KIRIN CO., LTD., JP

[73] TAWARA, TOMONORI, ZZ

[73] TAKAYANAGI, SHINICHIRO, ZZ

[73] INAGAKI, YOSHIMASA, ZZ

[85] 2011-12-02

[86] 2010-04-27 (PCT/JP2010/057510)

[87] (WO2010/126066)

[30] US (61/172923) 2009-04-27

[11] **2,764,689**
[13] A1

[51] **Int.Cl. C08L 9/06 (2006.01) C08L 21/00 (2006.01) C08L 53/02 (2006.01) G10K 11/16 (2006.01)**

[25] EN

[54] **VULCANIZABLE COMPOSITION HAVING ACOUSTIC ATTENUATING PROPERTIES**

[54] **COMPOSITION VULCANISABLE PRESENTANT DES PROPRIETES D'AMORTISSEMENT ACOUSTIQUE**

[72] KOHLSTRUNG, RAINER, DE

[72] YAMADA, TAKEHITO, DE

[73] HENKEL AG & CO. KGAA, DE

[73] KOHLSTRUNG, RAINER, ZZ

[73] YAMADA, TAKEHITO, ZZ

[85] 2011-12-07

[86] 2010-06-01 (PCT/EP2010/057591)

[87] (WO2010/142563)

[30] DE (10 2009 026 824.3) 2009-06-08

[11] **2,764,812**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **SYSTEMS AND APPARATUS FOR AUTOMATICALLY DERIVING AND MODIFYING PERSONAL PREFERENCES APPLICABLE TO MULTIPLE CONTROLLABLE LIGHTING NETWORKS**

[54] **SYSTEMES ET APPAREIL DE DEDUCTION ET DE MODIFICATION AUTOMATIQUES DE PREFERENCES PERSONNELLES APPLICABLES A DE MULTIPLES RESEAUX D'ECLAIRAGE POUVANT ETRE COMMANDES**

[72] LOVELAND, DAMIEN, US

[72] VERMEULEN, AREND JAN WILHELMUS ABRAHAM, US

[72] ASHDOWN, IAN, US

[72] KETELAARS, LOUIS, US

[73] LOVELAND, DAMIEN, ZZ

[73] VERMEULEN, AREND JAN WILHELMUS ABRAHAM, ZZ

[73] ASHDOWN, IAN, ZZ

[73] KETELAARS, LOUIS, ZZ

[73] PHILIPS LIGHTING HOLDING B.V., NL

[85] 2011-12-07

[86] 2010-05-18 (PCT/IB2010/052211)

[87] (WO2010/143089)

[30] US (61/185,329) 2009-06-09

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,764,923**
[13] A1

[51] **Int.Cl. A23G 3/20 (2006.01) A21C 11/16 (2006.01) A23G 3/00 (2006.01) B29C 47/04 (2006.01) B29C 47/12 (2006.01)**

[25] EN

[54] **EXTRUSION DIE HEAD**

[54] **TETE DE FILIERE D'EXTRUSION**

[72] BUFTON, ANDREW, GB

[73] CADBURY UK LIMITED, GB

[73] BUFTON, ANDREW, ZZ

[85] 2011-12-08

[86] 2010-06-04 (PCT/GB2010/001108)

[87] (WO2010/142941)

[30] GB (0909988.8) 2009-06-10

[11] **2,765,077**
[13] A1

[51] **Int.Cl. F16K 35/10 (2006.01) A62C 8/00 (2006.01) E03B 9/02 (2006.01) F16K 35/06 (2006.01)**

[25] EN

[54] **LOCKING FIRE HYDRANT**

[54] **BORNE D'INCENDIE A VERROUILLAGE**

[72] SIGELAKIS, GEORGE, US

[72] HAYDUK, MATTHEW, US

[73] SIGELOCK SYSTEMS, L.L.C., US

[73] SIGELAKIS, GEORGE, ZZ

[73] HAYDUK, MATTHEW, ZZ

[85] 2011-12-09

[86] 2010-06-09 (PCT/US2010/001672)

[87] (WO2010/144141)

[30] US (12/482,366) 2009-06-10

[11] **2,765,419**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01)**

[25] EN

[54] **WOUND TREATMENT APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE PLAIE**

[72] JACOBS, HAROLD L., US

[73] PREMCO MEDICAL SYSTEMS, INC., US

[73] JACOBS, HAROLD L., ZZ

[85] 2011-12-13

[86] 2009-06-15 (PCT/US2009/003567)

[87] (WO2009/151645)

[30] US (61/131,925) 2008-06-13

[11] **2,765,476**
[13] A1

[51] **Int.Cl. F25J 1/02 (2006.01) G05B 13/04 (2006.01) G05B 15/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PRODUCING A COOLED HYDROCARBON STREAM**

[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UN FLUX HYDROCARBONE REFROIDI**

[72] CHANTANT, FRANCOIS, NL

[72] LONGE, TOLULOPE BILIKISU, NL

[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[73] CHANTANT, FRANCOIS, ZZ

[73] LONGE, TOLULOPE BILIKISU, ZZ

[85] 2011-12-13

[86] 2010-07-01 (PCT/EP2010/059341)

[87] (WO2011/000900)

[30] EP (09164547.3) 2009-07-03

[11] **2,765,616**
[13] A1

[51] **Int.Cl. B64G 1/22 (2006.01) E04B 1/344 (2006.01) E04H 12/18 (2006.01)**

[25] EN

[54] **EXTENDABLE STRUCTURE**

[54] **STRUCTURE EXTENSIBLE**

[72] SLADE, RICHARD PAUL, GB

[73] ASTRIMUM LIMITED, GB

[73] SLADE, RICHARD PAUL, ZZ

[85] 2011-12-15

[86] 2010-06-17 (PCT/EP2010/058562)

[87] (WO2010/146126)

[30] EP (09275045.4) 2009-06-18

[11] **2,765,707**
[13] A1

[51] **Int.Cl. H03L 7/24 (2006.01) H04W 56/00 (2009.01) H04L 7/027 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SELECTING OPTIMUM LOCAL OSCILLATOR DISCIPLINE SOURCE**

[54] **SYSTEME ET METHODE DE SELECTION D'UNE SOURCE OPTIMALE DE CORRECTION D'UN OSCILLATEUR LOCAL**

[72] SMILEY, RUSSELL, CA

[72] NICHOLLS, CHARLES, CA

[73] SMILEY, RUSSELL, CA

[73] NICHOLLS, CHARLES, CA

[73] APPLE INC., US

[85] 2011-12-15

[86] 2010-06-03 (PCT/CA2010/000828)

[87] (WO2010/144996)

[30] US (12/487,933) 2009-06-19

[11] **2,766,096**
[13] A1

[51] **Int.Cl. C10M 129/00 (2006.01) C10M 159/22 (2006.01) C10M 159/24 (2006.01)**

[25] EN

[54] **LOW TEMPERATURE PERFORMANCE LUBRICATING OIL DETERGENTS AND METHOD OF MAKING THE SAME**

[54] **DETERGENTS POUR HUILES LUBRIFIANTES A PERFORMANCES A TEMPERATURE BASSE ET LEUR PROCEDE DE FABRICATION**

[72] CAMPBELL, CURTIS BAY, US

[72] SPALA, EUGENE EDWARD, US

[72] HORN, WILLIE, JR., US

[73] CHEVRON ORONITE COMPANY LLC, US

[73] CAMPBELL, CURTIS BAY, ZZ

[73] SPALA, EUGENE EDWARD, ZZ

[73] HORN, WILLIE, JR., ZZ

[85] 2011-12-19

[86] 2010-06-25 (PCT/US2010/039945)

[87] (WO2011/002675)

[30] US (12/496,510) 2009-07-01

Canadian Patents Issued
October 24, 2017

[11] **2,766,131**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **SINGLE OPERATOR DEVICE FOR DELIVERING AN OCULAR IMPLANT**
[54] **DISPOSITIF D'OPERATEUR UNIQUE POUR POSE D'UN IMPLANT OCULAIRE**
[72] WARDLE, JOHN, US
[72] SCHIEBER, ANDREW T., US
[73] IVANTIS, INC., US
[73] WARDLE, JOHN, ZZ
[73] SCHIEBER, ANDREW T., ZZ
[85] 2011-12-19
[86] 2010-07-09 (PCT/US2010/041544)
[87] (WO2011/006078)
[30] US (61/224,156) 2009-07-09

[11] **2,766,192**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61F 2/14 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **OCULAR IMPLANTS FOR RESIDING PARTIALLY IN SCHLEMM'S CANAL**
[54] **IMPLANTS OCULAIRES DESTINES A UNE INSTALLATION PARTIELLE DANS LE CANAL DE SCHLEMM**
[72] WARDLE, JOHN, US
[72] SCHIEBER, ANDREW T., US
[72] GALT, KENNETH M., US
[73] IVANTIS, INC., US
[73] WARDLE, JOHN, ZZ
[73] SCHIEBER, ANDREW T., ZZ
[73] GALT, KENNETH M., ZZ
[85] 2011-12-20
[86] 2010-07-09 (PCT/US2010/041589)
[87] (WO2011/006113)
[30] US (61/224,158) 2009-07-09

[11] **2,766,208**
[13] A1
[51] **Int.Cl. B29C 70/86 (2006.01) B29C 65/00 (2006.01) F16C 3/02 (2006.01) F16C 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING COMPOSITE CONNECTING RODS AND CONNECTING RODS PRODUCED ACCORDING TO THE METHOD**
[54] **METHODE DE FABRICATION DE TIGES DE RACCORDEMENT EN COMPOSITE ET TIGES DE RACCORDEMENT PRODUITES SELON LA METHODE**
[72] BOVEROUX, BENOIT, BE
[72] DARDENNE, DANIEL, BE
[73] BD INVENT, BE
[73] BOVEROUX, BENOIT, ZZ
[73] DARDENNE, DANIEL, ZZ
[85] 2011-12-20
[86] 2010-06-25 (PCT/EP2010/059062)
[87] (WO2010/149768)
[30] EP (09163904.7) 2009-06-26

[11] **2,766,238**
[13] A1
[51] **Int.Cl. A47B 21/06 (2006.01)**
[25] EN
[54] **RECONFIGURABLE WORKSTATION SUPPORT**
[54] **SUPPORT RECONFIGURABLE POUR POSTE DE TRAVAIL**
[72] SCHIAVELLO, PETER PAUL, AU
[72] GEYER, PETER, AU
[72] FIELD, OLIVER MARTYN, AU
[72] FRANCO, JOSEPH, AU
[73] SCHIAVELLO (VIC) PTY LTD, AU
[73] SCHIAVELLO, PETER PAUL, ZZ
[73] GEYER, PETER, ZZ
[73] FIELD, OLIVER MARTYN, ZZ
[73] FRANCO, JOSEPH, ZZ
[85] 2011-12-21
[86] 2010-06-28 (PCT/AU2010/000809)
[87] (WO2011/000028)
[30] AU (2009903053) 2009-06-30

[11] **2,766,482**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/40 (2006.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM COMPRISING POLYOXAZOLINE AND A BIOACTIVE AGENT**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT COMPRENANT DE LA POLYOXAZOLINE ET UN AGENT BIOACTIF**
[72] BENDER, JOHANNES CASPAR MATHIAS ELIZABETH, NL
[72] HOOGENBOOM, RICHARD, NL
[72] VAN VLIET, PATRICK ANDREAS ANTON, NL
[73] BENDER ANALYTICAL HOLDING B.V., NL
[73] BENDER, JOHANNES CASPAR MATHIAS ELIZABETH, ZZ
[73] HOOGENBOOM, RICHARD, ZZ
[73] VAN VLIET, PATRICK ANDREAS ANTON, ZZ
[85] 2011-12-22
[86] 2010-06-28 (PCT/NL2010/050403)
[87] (WO2011/002285)
[30] EP (09164023.5) 2009-06-29

[11] **2,766,733**
[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01) B29C 70/32 (2006.01) B65H 54/02 (2006.01)**
[25] EN
[54] **CHECKER BALLOON WINDING MACHINE**
[54] **MACHINE D'ENROULEMENT DE BALLONNET A QUADRILLAGE**
[72] GRAVES, DAVID M., US
[72] PARMENTIER, WILLIAM E., US
[72] LERDAHL, ROBERT G., US
[72] CARR, PHILLIP E., US
[72] KELLY, JO ANN, US
[73] C.R. BARD, INC., US
[73] GRAVES, DAVID M., ZZ
[73] PARMENTIER, WILLIAM E., ZZ
[73] LERDAHL, ROBERT G., ZZ
[73] CARR, PHILLIP E., ZZ
[73] KELLY, JO ANN, ZZ
[85] 2011-12-22
[86] 2010-07-02 (PCT/US2010/040872)
[87] (WO2011/003053)
[30] US (12/497,166) 2009-07-02

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,767,305**
[13] A1

[51] **Int.Cl. G01C 17/12 (2006.01)**
[25] EN
[54] **MIRRORED COMPASS WITH IMPROVED SIGHTING WINDOW**
[54] **COMPAS SUR FOND DE MIROIR AVEC FENETRE D'OBSERVATION AMELIOREE**
[72] IDEN, MARLIN, US
[73] FENIX OUTDOOR AB, SE
[73] IDEN, MARLIN, ZZ
[86] (2767305)
[87] (2767305)
[22] 2012-02-08
[30] US (13/181879) 2011-07-13

[11] **2,767,369**
[13] A1

[51] **Int.Cl. F25J 1/02 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING A MULTI-PHASE HYDROCARBON STREAM AND AN APPARATUS THEREFOR**
[54] **PROCEDE POUR LE TRAITEMENT D'UN COURANT D'HYDROCARBURE A PLUSIEURS PHASES ET APPAREIL CORRESPONDANT**
[72] ANGHEL, ALEXANDRA TEODORA, NL
[72] JAGER, MARCO DICK, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[73] ANGHEL, ALEXANDRA TEODORA, ZZ
[73] JAGER, MARCO DICK, ZZ
[85] 2012-01-05
[86] 2010-07-19 (PCT/EP2010/060409)
[87] (WO2011/009832)
[30] EP (09165993.8) 2009-07-21

[11] **2,767,375**
[13] A1

[51] **Int.Cl. C08L 63/00 (2006.01) C09D 5/10 (2006.01) C09D 163/00 (2006.01)**
[25] EN
[54] **POWDER COATING COMPOSITIONS CAPABLE OF HAVING A SUBSTANTIALLY NON-ZINC CONTAINING PRIMER**
[54] **COMPOSITIONS DE REVETEMENT DE POUDRE APTES A AVOIR UN AMORCEUR NE CONTENANT SENSIBLEMENT PAS DE ZINC**
[72] LUCAS, CHAD, US
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[73] LUCAS, CHAD, ZZ
[85] 2012-01-05
[86] 2010-07-27 (PCT/EP2010/060907)
[87] (WO2011/012627)
[30] US (61/229,565) 2009-07-29
[30] EP (09169332.5) 2009-09-03

[11] **2,768,407**
[13] A1

[51] **Int.Cl. C07J 31/00 (2006.01) A61K 31/567 (2006.01) A61P 5/36 (2006.01) C07J 41/00 (2006.01)**
[25] EN
[54] **17-HYDROXY-17-PENTAFLUORETHYL-ESTRA-4,9(10)-DIEN-11-ARYL DERIVATIVES, METHODS FOR THE PRODUCTION THEREOF AND USE THEREOF FOR TREATING DISEASES**
[54] **DERIVES 17-HYDROXY-17-PENTAFLUORETHYL-ESTRA-4,9(10)-DIENE-11-ARYLES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES**
[72] SCHWEDE, WOLFGANG, DE
[72] KLAR, ULRICH, DE
[72] MOELLER, CARSTEN, DE
[72] ROTGERI, ANDREA, DE
[72] BONE, WILHELM, DE
[73] SCHWEDE, WOLFGANG, ZZ
[73] KLAR, ULRICH, ZZ
[73] MOELLER, CARSTEN, ZZ
[73] ROTGERI, ANDREA, ZZ
[73] BONE, WILHELM, ZZ
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-01-17
[86] 2010-07-07 (PCT/EP2010/004149)
[87] (WO2011/009531)
[30] DE (10 2009 034 362.8) 2009-07-20

[11] **2,768,642**
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/09 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **METHOD OF JOINING TUBING FOR USE IN MEDICAL CATHETERS**
[54] **PROCEDE DE JONCTION DE TUBULURE POUR APPLICATION DANS DES CATHETERS MEDICAUX**
[72] WUEBBELING, MARTIN, DE
[72] DIETRICH, DANIEL, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[73] WUEBBELING, MARTIN, ZZ
[73] DIETRICH, DANIEL, ZZ
[85] 2012-01-19
[86] 2010-07-21 (PCT/EP2010/060560)
[87] (WO2011/009885)
[30] GB (0912852.1) 2009-07-23
[30] US (61/228,122) 2009-07-23

[11] **2,769,150**
[13] A1

[51] **Int.Cl. A61B 8/08 (2006.01) A61B 5/107 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL (3D) ULTRASOUND IMAGING SYSTEM FOR ASSESSING SCOLIOSIS**
[54] **SYSTEME D'IMAGERIE TRIDIMENSIONNELLE (3D) PAR ULTRASONS POUR EVALUER UNE SCOLIOSE**
[72] ZHENG, YONGPING, CN
[72] CHEUNG, JAMES CHUNG WAI, CN
[73] THE HONG KONG POLYTECHNIC UNIVERSITY, CN
[73] ZHENG, YONGPING, ZZ
[73] CHEUNG, JAMES CHUNG WAI, ZZ
[85] 2012-01-25
[86] 2010-07-20 (PCT/CN2010/075287)
[87] (WO2011/012055)
[30] US (12/509,705) 2009-07-27

**Canadian Patents Issued
October 24, 2017**

[11] **2,769,259**
[13] A1

[51] **Int.Cl. A61M 1/02 (2006.01)**
[25] EN
[54] **DEVICE FOR EXTRACTING BLOOD FROM THE PLACENTA AND/OR UMBILICAL CORD**
[54] **DISPOSITIF POUR EXTRAIRE LE SANG DU PLACENTA ET/OU DU CORDON OMBILICAL**
[72] ALVAREZ RAMOS, ANGEL GABRIEL, ES
[73] AGAR DESARROLLOS INNOVADORES EN BIOTECNOLOGIA, S.L., ES
[85] 2012-01-26
[86] 2010-07-14 (PCT/EP2010/060131)
[87] (WO2011/012449)
[30] ES (200930536) 2009-07-30

[11] **2,769,345**
[13] A1

[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **CUSTOM CONTACT LENSES WITH FIDUCIAL MARKINGS**
[54] **LENTILLES DE CONTACT PERSONNALISEES POURVUES DE MARQUES DE CALIBRAGE**
[72] CHEHAB, KHALED A., US
[72] COLLINS, MICHAEL J., AU
[72] ROFFMAN, JEFFREY H., US
[72] FRANKLIN, ROSS, US
[72] DAVIS, BRETT A., AU
[72] ISKANDER, D. ROBERT, AU
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[73] CHEHAB, KHALED A., ZZ
[73] COLLINS, MICHAEL J., ZZ
[73] ROFFMAN, JEFFREY H., ZZ
[73] FRANKLIN, ROSS, ZZ
[73] DAVIS, BRETT A., ZZ
[73] ISKANDER, D. ROBERT, ZZ
[85] 2012-01-26
[86] 2010-07-27 (PCT/US2010/043396)
[87] (WO2011/014510)
[30] US (12/533,797) 2009-07-31

[11] **2,769,448**
[13] A1

[51] **Int.Cl. A61C 19/06 (2006.01) A61N 5/067 (2006.01)**
[25] EN
[54] **DENTAL LASER SYSTEM USING MIDRANGE GAS PRESSURE**
[54] **SYSTEME DENTAIRE LASER UTILISANT UNE PRESSION DE GAZ MOYENNE**
[72] MONTY, NATHAN PAUL, US
[73] MONTY, NATHAN PAUL, US
[85] 2012-01-27
[86] 2010-07-30 (PCT/US2010/043968)
[87] (WO2011/014802)
[30] US (61/229,997) 2009-07-30

[11] **2,769,492**
[13] A1

[51] **Int.Cl. B28B 1/087 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING NON-FLAT AGGLOMERATED STONE PRODUCTS**
[54] **PROCEDE POUR LA FABRICATION DE PRODUITS AGGLOMERES PIERREUX NON PLATS**
[72] RAMON MORENO, JOSE LUIS, ES
[72] RODRIGUEZ GARCIA, SALVADOR CRISTOBAL, ES
[72] MEDINA JIMENEZ, ADRIAN, ES
[73] COSENTINO, S.A., ES
[73] RAMON MORENO, JOSE LUIS, ZZ
[73] RODRIGUEZ GARCIA, SALVADOR CRISTOBAL, ZZ
[73] MEDINA JIMENEZ, ADRIAN, ZZ
[85] 2012-01-27
[86] 2009-07-27 (PCT/ES2009/070314)
[87] (WO2011/012732)

[11] **2,769,659**
[13] A1

[51] **Int.Cl. C07C 209/74 (2006.01) C07C 211/30 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CINACALCET**
[54] **PROCEDE DE PREPARATION DE CINACALCET**
[72] CATOZZI, NICOLA, IT
[72] COTARCA, LIVIUS, IT
[72] FOLETTO, JOHNNY, IT
[72] FORCATO, MASSIMILIANO, IT
[72] GIOVANETTI, ROBERTO, IT
[72] SORIATO, GIORGIO, IT
[72] VERZINI, MASSIMO, IT
[73] CATOZZI, NICOLA, ZZ
[73] COTARCA, LIVIUS, ZZ
[73] FOLETTO, JOHNNY, ZZ
[73] FORCATO, MASSIMILIANO, ZZ
[73] GIOVANETTI, ROBERTO, ZZ
[73] SORIATO, GIORGIO, ZZ
[73] VERZINI, MASSIMO, ZZ
[73] F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A., IT
[85] 2012-01-30
[86] 2010-09-08 (PCT/EP2010/063154)
[87] (WO2011/029833)
[30] EP (09169934.8) 2009-09-10

[11] **2,769,715**
[13] A1

[51] **Int.Cl. A23L 33/15 (2016.01) A23L 33/155 (2016.01) A23L 2/44 (2006.01) A23L 2/52 (2006.01) A61K 31/355 (2006.01)**
[25] EN
[54] **MICROBIALLY-STABLE VITAMIN E SOLUTIONS**
[54] **SOLUTIONS DE VITAMINE E MICROBIOLOGIQUEMENT STABLES**
[72] CAMPBELL, MARTA, US
[72] SARAMA, ROBERT, US
[73] CAMPBELL, MARTA, ZZ
[73] SARAMA, ROBERT, ZZ
[73] SUNNY DELIGHT BEVERAGES CO., US
[85] 2012-01-31
[86] 2010-07-26 (PCT/US2010/043218)
[87] (WO2011/115639)
[30] US (61/230,148) 2009-07-31

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,769,919**

[13] A1

[51] **Int.Cl. F01B 11/00 (2006.01) F01B 23/08 (2006.01) F01B 25/02 (2006.01) F01B 25/10 (2006.01) F04B 47/08 (2006.01)**

[25] EN

[54] **FLUID DRIVEN RECIPROCATING LINEAR MOTOR**

[54] **MOTEUR LINEAIRE ALTERNATIF ENTRAINE PAR FLUIDE**

[72] DEPIAK, ADAM, CA

[72] DEPIAK, KAROL, CA

[73] DEPIAK INDUSTRIAL TECHNOLOGY CORPORATION, CA

[73] DEPIAK, ADAM, CA

[73] DEPIAK, KAROL, CA

[85] 2012-02-01

[86] 2010-08-04 (PCT/CA2010/001211)

[87] (WO2011/014954)

[30] US (61/231,266) 2009-08-04

[30] US (61/361,843) 2010-07-06

[11] **2,770,583**

[13] A1

[51] **Int.Cl. A61K 31/728 (2006.01) A61K 9/08 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **CROSS-LINKED HYALURONIC ACID FOR RELIEVING JOINT PAIN**

[54] **ACIDE HYALURONIQUE RETICULE DESTINE A SOULAGER LES DOULEURS ARTICULAIRES**

[72] HOSOKAWA, HIROYUKI, JP

[72] LIM, SOOYEOL, JP

[72] ODA, JUNKO, JP

[73] SEIKAGAKU CORPORATION, JP

[73] HOSOKAWA, HIROYUKI, ZZ

[73] LIM, SOOYEOL, ZZ

[73] ODA, JUNKO, ZZ

[85] 2012-02-09

[86] 2010-08-13 (PCT/JP2010/005060)

[87] (WO2011/018902)

[30] JP (2009-187899) 2009-08-13

[11] **2,770,631**

[13] A1

[51] **Int.Cl. H01R 13/04 (2006.01) H01R 13/11 (2006.01) H01R 25/14 (2006.01) H01R 35/04 (2006.01) H02G 3/18 (2006.01) H05K 7/14 (2006.01)**

[25] EN

[54] **ELECTRICAL HINGE CONNECTOR**

[54] **CONNECTEUR ELECTRIQUE DE CHARNIERE**

[72] WORLEY, ANDREW, GB

[73] GE AVIATION SYSTEMS LIMITED, GB

[73] WORLEY, ANDREW, ZZ

[85] 2012-02-09

[86] 2010-08-06 (PCT/GB2010/051304)

[87] (WO2011/018650)

[30] GB (0914027.8) 2009-08-11

[11] **2,770,881**

[13] A1

[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **AQUEOUS SUSPENSION CONCENTRATE FORMULATIONS CONTAINING SAFLUFENACIL**

[54] **PREPARATIONS D'UN CENTRE AQUEUX EN SUSPENSION CONTENANT DU SAFLUFENACIL**

[72] KRAPP, MICHAEL, DE

[72] GREGORI, WOLFGANG, DE

[72] KOLB, KLAUS, DE

[72] SIEVERNICH, BERND, DE

[72] SAXELL, HEIDI EMILIA, DE

[72] STEUERWALD, JOERG, DE

[72] BOWE, STEVEN, US

[72] LIEBL, REX, US

[72] CANNAN, TERRANCE M., US

[73] BASF SE, DE

[73] KRAPP, MICHAEL, ZZ

[73] GREGORI, WOLFGANG, ZZ

[73] KOLB, KLAUS, ZZ

[73] SIEVERNICH, BERND, ZZ

[73] SAXELL, HEIDI EMILIA, ZZ

[73] STEUERWALD, JOERG, ZZ

[73] BOWE, STEVEN, ZZ

[73] LIEBL, REX, ZZ

[73] CANNAN, TERRANCE M., ZZ

[85] 2012-02-10

[86] 2010-08-26 (PCT/EP2010/062473)

[87] (WO2011/023759)

[30] US (61/237,406) 2009-08-27

[11] **2,771,180**

[13] A1

[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/055 (2006.01) A61H 23/02 (2006.01)**

[25] EN

[54] **DEVICE, SYSTEM, AND METHOD FOR MECHANOSENSORY NERVE ENDING STIMULATION**

[54] **DISPOSITIF, SYSTEME ET PROCEDE DE STIMULATION DE TERMINAISONS NERVEUSES MECANO-SENSIBLES**

[72] BARLOW, STEVEN M., US

[72] VENKATESAN, LALIT, US

[73] UNIVERSITY OF KANSAS, US

[73] BARLOW, STEVEN M., ZZ

[73] VENKATESAN, LALIT, ZZ

[85] 2012-02-14

[86] 2010-08-26 (PCT/US2010/046792)

[87] (WO2011/028602)

[30] US (61/237,211) 2009-08-26

[11] **2,771,664**

[13] A1

[51] **Int.Cl. A43B 7/14 (2006.01) A43B 7/30 (2006.01) A43B 17/00 (2006.01)**

[25] EN

[54] **THE INSOLE**

[54] **SEMELLE INTERIEURE**

[72] HANAK, JOSEF, CZ

[73] HANAK, JOSEF, ZZ

[73] BOTY J HANAK R, S.R.O., CZ

[85] 2012-02-21

[86] 2010-08-27 (PCT/CZ2010/000097)

[87] (WO2011/023148)

[30] CZ (PV 2009-580) 2009-08-31

Canadian Patents Issued
October 24, 2017

[11] **2,772,182**
[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12M 1/24 (2006.01) C12M 3/00 (2006.01) C12N 1/00 (2006.01) C12N 1/12 (2006.01)**
[25] EN
[54] **A PHOTOBIOREACTOR COMPRISING ALTERNATING SUPPORT ELEMENTS, TENSIONING ELEMENTS, AND A FLEXIBLE RECEPTACLE**
[54] **UN PHOTOBIOREACTEUR RENFERMANT EN ALTERNANCE DES ELEMENTS DE SOUTIEN, DES ELEMENTS DE MISE SOUS TENSION ET UN RECEPTACLE SOUPLE**
[72] DAHLE, LARS ANDREAS, NO
[73] MICROA AS, NO
[73] DAHLE, LARS ANDREAS, ZZ
[85] 2012-02-24
[86] 2010-07-05 (PCT/NO2010/000266)
[87] (WO2011/031161)
[30] NO (20092980) 2009-09-09

[11] **2,772,504**
[13] A1
[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/4439 (2006.01) A61P 3/00 (2006.01) C07D 451/02 (2006.01) C07D 451/06 (2006.01)**
[25] EN
[54] **(4-PHENYL-PIPERIDIN-1-YL)-[5-(1H-PYRAZOL-4-YL)-THIOPHEN-3-YL]-METHANONE COMPOUNDS AND THEIR USE**
[54] **COMPOSES DE (4-PHENYL-PIPERIDIN-1-YL)-[5-1H-PYRAZOL-4-YL]-THIOPHEN-3-YL]-METHANONE ET LEUR UTILISATION**
[72] WEBSTER, SCOTT PETER, GB
[72] SECKL, JONATHAN ROBERT, GB
[72] WALKER, BRIAN ROBERT, GB
[72] WARD, PETER, GB
[72] PALLIN, THOMAS DAVID, GB
[72] DYKE, HAZEL JOAN, GB
[72] PERRIOR, TREVOR ROBERT, GB
[73] THE UNIVERSITY OF EDINBURGH, GB
[73] WEBSTER, SCOTT PETER, ZZ
[73] SECKL, JONATHAN ROBERT, ZZ
[73] WALKER, BRIAN ROBERT, ZZ
[73] WARD, PETER, ZZ
[73] PALLIN, THOMAS DAVID, ZZ
[73] DYKE, HAZEL JOAN, ZZ
[73] PERRIOR, TREVOR ROBERT, ZZ
[85] 2012-02-27
[86] 2010-09-14 (PCT/GB2010/001732)
[87] (WO2011/033255)
[30] US (61/242,825) 2009-09-16

[11] **2,772,911**
[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **EXPANSION DEVICES**
[54] **DISPOSITIFS D'EXPANSION**
[72] DALL, VAGN-ERIK, GB
[72] BUENGER, CODY ERIC, GB
[73] DALMATIC A/S, DK
[73] DALL, VAGN-ERIK, ZZ
[73] BUENGER, CODY ERIC, ZZ
[85] 2012-03-01
[86] 2010-09-03 (PCT/GB2010/001678)
[87] (WO2011/027126)
[30] GB (0915382.6) 2009-09-03

[11] **2,772,988**
[13] A1
[51] **Int.Cl. A47J 31/52 (2006.01) G07F 13/06 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE IN A NETWORK**
[54] **MACHINE A BOISSONS DANS UN RESEAU**
[72] YOAKIM, ALFRED, CH
[73] NESTEC S.A., CH
[73] YOAKIM, ALFRED, ZZ
[85] 2012-03-02
[86] 2010-09-07 (PCT/EP2010/063096)
[87] (WO2011/029813)
[30] EP (09169800.1) 2009-09-09

[11] **2,773,196**
[13] A1
[51] **Int.Cl. A01N 37/40 (2006.01) A01N 33/04 (2006.01) A01N 33/08 (2006.01) A01N 39/04 (2006.01) A01N 57/20 (2006.01)**
[25] EN
[54] **LOW VOLATILE AMINE SALTS OF ANIONIC PESTICIDES**
[54] **SELS D'AMINES PEU VOLATILS DE PESTICIDES ANIONIQUES**
[72] XU, WEN, US
[72] KIERKUS, PAUL CH., US
[72] BRUNT, STEVEN, US
[72] BOWE, STEVEN, US
[72] HIXSON, ADAM, US
[72] CANNAN, TERRANCE M., US
[73] BASF SE, DE
[73] XU, WEN, ZZ
[73] KIERKUS, PAUL CH., ZZ
[73] BRUNT, STEVEN, ZZ
[73] BOWE, STEVEN, ZZ
[73] HIXSON, ADAM, ZZ
[73] CANNAN, TERRANCE M., ZZ
[85] 2012-03-05
[86] 2010-09-28 (PCT/EP2010/064343)
[87] (WO2011/039172)
[30] US (61/247005) 2009-09-30
[30] EP (09173368.3) 2009-10-19
[30] US (61/348758) 2010-05-27

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,773,370**
[13] A1

[51] **Int.Cl. G01D 18/00 (2006.01) G01F 25/00 (2006.01) G05B 9/02 (2006.01) G05B 23/02 (2006.01) G01D 9/00 (2006.01) G21D 3/06 (2006.01)**

[25] EN
[54] **A METHOD AND SYSTEM TO VALIDATE WIRED SENSORS**
[54] **METHODE ET SYSTEME DE VALIDATION DE CAPTEURS A FILS**

[72] JIANG, JIN, CA
[72] LI, QINGFENG, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
[73] JIANG, JIN, CA
[73] LI, QINGFENG, CA
[86] (2773370)
[87] (2773370)
[22] 2012-04-05
[30] US (61/472,993) 2011-04-07

[11] **2,774,101**
[13] A1

[51] **Int.Cl. B01D 46/24 (2006.01) B01D 29/15 (2006.01)**

[25] EN
[54] **FILTER FOR LIQUID OR GASEOUS MEDIA**
[54] **FILTRE POUR SUBSTANCES LIQUIDES OU GAZEUSES**

[72] KONZELMANN, MARTIN, DE
[73] KARL KUEFNER KG, DE
[73] KONZELMANN, MARTIN, ZZ
[85] 2012-03-13
[86] 2010-09-15 (PCT/DE2010/001083)
[87] (WO2011/032539)
[30] DE (10 2009 041 347.2) 2009-09-15

[11] **2,774,869**
[13] A1

[51] **Int.Cl. G01N 33/92 (2006.01) C40B 30/02 (2006.01) C40B 30/10 (2006.01) G01N 27/00 (2006.01) G01N 33/483 (2006.01)**

[25] EN
[54] **SERUM-BASED BIOMARKERS OF PANCREATIC CANCER AND USES THEREOF FOR DISEASE DETECTION AND DIAGNOSIS**
[54] **BIOMARQUEURS SERIQUES DU CANCER DU PANCREAS ET LEURS UTILISATIONS EN VUE DE LA DETECTION ET DU DIAGNOSTIC DE LA MALADIE**

[72] RITCHIE, SHAWN, CA
[72] PASTURAL, ELODIE, CA
[73] PHENOMENOME DISCOVERIES INC., CA
[73] RITCHIE, SHAWN, CA
[73] PASTURAL, ELODIE, CA
[85] 2012-03-21
[86] 2010-10-01 (PCT/CA2010/001565)
[87] (WO2011/038509)
[30] US (61/247,828) 2009-10-01

[11] **2,774,913**
[13] A1

[51] **Int.Cl. A01J 7/04 (2006.01)**

[25] EN
[54] **BOVINE GERMICIDE APPLICATION TECHNOLOGY**
[54] **TECHNIQUE D'APPLICATION DE GERMICIDE SUR LES BOVINS**

[72] HAKES, DENNIS LEE, US
[72] HAKES, JEAN ANN, US
[73] MASTITIS MANAGEMENT TOOLS, INC., US
[73] HAKES, DENNIS LEE, ZZ
[73] HAKES, JEAN ANN, ZZ
[85] 2012-03-21
[86] 2010-09-30 (PCT/US2010/050991)
[87] (WO2011/041601)
[30] US (61/247,431) 2009-09-30

[11] **2,775,018**
[13] A1

[51] **Int.Cl. B65D 77/04 (2006.01) B65D 1/02 (2006.01) B65D 5/50 (2006.01)**

[25] EN
[54] **COMPOSITE CONTAINERS**
[54] **RECEPTACLES COMPOSITES**

[72] HEIRMAN, MARC, BE
[72] WARDENIER, DANIEL ACHIEL CAMIEL, BE
[73] CARGILL, INCORPORATED, US
[73] HEIRMAN, MARC, ZZ
[73] WARDENIER, DANIEL ACHIEL CAMIEL, ZZ
[85] 2012-03-22
[86] 2010-09-24 (PCT/EP2010/005844)
[87] (WO2011/035917)
[30] EP (09012261.5) 2009-09-28

[11] **2,775,086**
[13] A1

[51] **Int.Cl. A63B 23/16 (2006.01)**

[25] EN
[54] **REHABILITATIVE TRAINING DEVICES FOR USE BY STROKE PATIENTS**
[54] **DISPOSITIF D'ENTRAINEMENT DE REEDUCATION POUR DES PATIENTS VICTIMES D'UN ACCIDENT CEREBRO-VASCULAIRE**

[72] WEISZ, DONALD J., US
[72] RAGHAVAN, PREETI, US
[73] WEISZ, DONALD J., ZZ
[73] RAGHAVAN, PREETI, ZZ
[73] MIRRORRED MOTION WORKS LLC, US
[85] 2012-03-22
[86] 2010-09-22 (PCT/US2010/049805)
[87] (WO2011/037991)
[30] US (61/244,708) 2009-09-22
[30] US (61/375,817) 2010-08-21

**Canadian Patents Issued
October 24, 2017**

[11] **2,775,123**
[13] A1

[51] **Int.Cl. B01F 7/00 (2006.01) B21D 53/78 (2006.01)**

[25] EN

[54] **AXIALLY OPERATING STIRRING ELEMENT, PREFERABLY A PROPELLER MANUFACTURED FROM SHEET METAL**

[54] **ELEMENT DE MALAXAGE A EFFET AXIAL, EN PARTICULIER HELICE FABRIQUEE EN TOLE**

[72] HAHN, RALF, DE

[72] PENSLER, THOMAS, DE

[72] SPRINGER, PEER, DE

[73] KSB AKTIENGESELLSCHAFT, DE

[73] HAHN, RALF, ZZ

[73] PENSLER, THOMAS, ZZ

[73] SPRINGER, PEER, ZZ

[85] 2012-03-23

[86] 2010-09-20 (PCT/EP2010/063777)

[87] (WO2011/036113)

[30] DE (10 2009 042 843.7) 2009-09-24

[30] DE (10 2010 044 423.5) 2010-09-04

[11] **2,775,323**
[13] A1

[51] **Int.Cl. A61K 9/68 (2006.01) A61P 25/34 (2006.01) B29C 71/04 (2006.01)**

[25] EN

[54] **PROCESS FOR THE MANUFACTURE OF NICOTINE-COMPRISING CHEWING GUM AND NICOTINE-COMPRISING CHEWING GUM MANUFACTURED ACCORDING TO SAID PROCESS**

[54] **PROCEDE DE PRODUCTION D'UNE GOMME A MACHER CONTENANT DE LA NICOTINE ET GOMME A MACHER PRODUITE CONFORMEMENT AU DIT PROCEDE**

[72] HUGERTH, ANDREAS, SE

[72] LINDELL, KATARINA, SE

[72] NICKLASSON, FREDRIK, SE

[72] HENDENSTROM, JOHN, SE

[72] KOLL, GREGORY E., US

[72] SOWDEN, HARRY S., US

[72] LUBER, JOSEPH R., US

[72] KRIKSUNOV, LEO B., US

[72] BUNICK, FRANK J., US

[72] CHEN, JEN-CHI, US

[72] OLSSON, ROLAND, SE

[72] SZYMCZAK, CHRISTOPHER E., US

[73] MCNEIL-PPC, INC., US

[73] HUGERTH, ANDREAS, ZZ

[73] LINDELL, KATARINA, ZZ

[73] NICKLASSON, FREDRIK, ZZ

[73] HENDENSTROM, JOHN, ZZ

[73] KOLL, GREGORY E., ZZ

[73] SOWDEN, HARRY S., ZZ

[73] LUBER, JOSEPH R., ZZ

[73] KRIKSUNOV, LEO B., ZZ

[73] BUNICK, FRANK J., ZZ

[73] CHEN, JEN-CHI, ZZ

[73] OLSSON, ROLAND, ZZ

[73] SZYMCZAK, CHRISTOPHER E., ZZ

[85] 2012-03-23

[86] 2010-09-23 (PCT/US2010/049974)

[87] (WO2011/038104)

[30] US (61/245,315) 2009-09-24

[30] US (61/255,582) 2009-10-28

[30] US (12/887,593) 2010-09-22

[11] **2,776,464**
[13] A1

[51] **Int.Cl. C07C 401/00 (2006.01) A61K 31/59 (2006.01) A61K 31/593 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07F 9/28 (2006.01)**

[25] EN

[54] **1-DESOXY-2-METHYLENE-19-NOR-VITAMIN D ANALOGS AND THEIR USES**

[54] **ANALOGUES DE 1-DESOXY-2-METHYLENE-19-NOR-VITAMINE D ET LEURS UTILISATIONS**

[72] DELUCA, HECTOR F., US

[72] SIBILSKA, IZABELA, PL

[72] BARYCKA, KATARZYNA M., US

[72] SICINSKI, RAFAL R., PL

[72] PLONSKAOCYPA, KATARZYNA, PL

[72] BARYCKI, RAFAL, US

[72] PLUM, LORI A., US

[72] CLAGETT-DAME, MARGARET, US

[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

[73] DELUCA, HECTOR F., ZZ

[73] SIBILSKA, IZABELA, ZZ

[73] BARYCKA, KATARZYNA M., ZZ

[73] SICINSKI, RAFAL R., ZZ

[73] PLONSKAOCYPA, KATARZYNA, ZZ

[73] BARYCKI, RAFAL, ZZ

[73] PLUM, LORI A., ZZ

[73] CLAGETT-DAME, MARGARET, ZZ

[85] 2012-03-30

[86] 2010-09-30 (PCT/US2010/050977)

[87] (WO2011/041590)

[30] US (61/248,125) 2009-10-02

[11] **2,776,762**
[13] A1

[51] **Int.Cl. E02F 5/02 (2006.01)**

[25] EN

[54] **DITCH FORMING IMPLEMENT**

[54] **ACCESSOIRE DE FORMAGE DE FOSSE**

[72] ZUK, DAVID M., CA

[73] ZUK, DAVID M., CA

[86] (2776762)

[87] (2776762)

[22] 2012-04-26

[30] US (61/479,191) 2011-04-26

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,776,855**
[13] A1

[51] **Int.Cl. A61K 31/05 (2006.01) A61K 45/06 (2006.01) A61P 23/00 (2006.01) A61P 25/06 (2006.01) C07C 19/08 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION COMPRISING PROPOFOL**

[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU PROPOFOL**

[72] THEISINGER, BASTIAN, DE

[72] THEISINGER, SONJA, DE

[73] NOVALIQ GMBH, DE

[73] THEISINGER, BASTIAN, ZZ

[73] THEISINGER, SONJA, ZZ

[85] 2012-04-04

[86] 2010-11-22 (PCT/EP2010/067938)

[87] (WO2011/061332)

[30] EP (09014548.3) 2009-11-23

[11] **2,776,884**
[13] A1

[51] **Int.Cl. C07D 471/06 (2006.01) C07D 209/88 (2006.01) C07D 471/16 (2006.01) C07D 487/06 (2006.01) C07D 487/16 (2006.01) C08F 8/00 (2006.01) C08G 85/00 (2006.01) C09K 11/06 (2006.01) H01L 51/30 (2006.01) H01L 51/46 (2006.01) H01L 51/54 (2006.01) H01S 5/36 (2006.01)**

[25] EN

[54] **MATERIALS FOR ORGANIC ELECTROLUMINESCENT DEVICES**

[54] **MATERIAUX POUR DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES**

[72] PARHAM, AMIR HOSSAIN, DE

[72] PFLUMM, CHRISTOF, DE

[73] MERCK PATENT GMBH, DE

[73] PARHAM, AMIR HOSSAIN, ZZ

[73] PFLUMM, CHRISTOF, ZZ

[85] 2012-04-05

[86] 2010-09-09 (PCT/EP2010/005555)

[87] (WO2011/042107)

[30] DE (10 2009 048 791.3) 2009-10-08

[11] **2,777,223**
[13] A1

[51] **Int.Cl. C07D 207/22 (2006.01) A61K 31/4025 (2006.01) C07D 403/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) A61P 9/00 (2006.01) A61P 17/00 (2006.01) A61P 27/06 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **2H-PYRROL-5-AMINE DERIVATIVES AS ALPHA ADRENERGIC RECEPTOR MODULATORS**

[54] **DERIVES DE 2H-PYRROL-5-AMINE UTILISES EN TANT QUE MODULATEURS DES RECEPTEURS ALPHA-ADRENERGIQUES**

[72] CHOW, KEN, US

[72] GIL, DANIEL W., US

[72] DONELLO, JOHN E., US

[72] WANG, LIMING, US

[72] CORPUZ, EVELYN G., US

[72] FANG, WENKUI K., US

[72] SINHA, SANTOSH C., US

[72] DIBAS, MOHAMMED I., US

[73] ALLERGAN, INC., US

[73] CHOW, KEN, ZZ

[73] GIL, DANIEL W., ZZ

[73] DONELLO, JOHN E., ZZ

[73] WANG, LIMING, ZZ

[73] CORPUZ, EVELYN G., ZZ

[73] FANG, WENKUI K., ZZ

[73] SINHA, SANTOSH C., ZZ

[73] DIBAS, MOHAMMED I., ZZ

[85] 2012-04-10

[86] 2010-10-06 (PCT/US2010/051622)

[87] (WO2011/044229)

[30] US (61/249,101) 2009-10-06

[11] **2,777,842**
[13] A1

[51] **Int.Cl. A47K 10/16 (2006.01) A61K 9/70 (2006.01) D21H 19/10 (2006.01) D21H 21/14 (2006.01) D21H 27/30 (2006.01)**

[25] EN

[54] **COOLING SUBSTRATES WITH HYDROPHILIC CONTAINMENT LAYER AND METHOD OF MAKING**

[54] **REFROIDISSEMENT DE SUBSTRATS AVEC UNE COUCHE DE CONFINEMENT HYDROPHILE ET PROCEDE DE FABRICATION**

[72] WENZEL, SCOTT W., US

[72] SEIDLING, JEFFERY RICHARD, US

[72] MOEN, HELEN KATHLEEN, US

[72] LANG, FREDERICK JOHN, US

[72] SCHARENBRUCH, STEPHANIE DIANA, US

[72] BARNES, MARK ANTHONY, US

[72] CASPER, JUDY MARIE, US

[73] KIMBERLY-CLARK WORLDWIDE, INC., US

[73] WENZEL, SCOTT W., ZZ

[73] SEIDLING, JEFFERY RICHARD, ZZ

[73] MOEN, HELEN KATHLEEN, ZZ

[73] LANG, FREDERICK JOHN, ZZ

[73] SCHARENBRUCH, STEPHANIE DIANA, ZZ

[73] BARNES, MARK ANTHONY, ZZ

[73] CASPER, JUDY MARIE, ZZ

[85] 2012-04-16

[86] 2010-10-08 (PCT/IB2010/054563)

[87] (WO2011/061641)

[30] US (12/622,581) 2009-11-20

[11] **2,778,274**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01)**

[25] EN

[54] **ENDOMETRIAL ABLATION DEVICES AND SYSTEM**

[54] **DISPOSITIFS ET SYSTEME D'ABLATION DE L'ENDOMETRE**

[72] TRUCKAI, CSABA, US

[72] TOTH, AKOS, HU

[73] HERMES INNOVATIONS LLC, US

[73] TRUCKAI, CSABA, ZZ

[73] TOTH, AKOS, ZZ

[85] 2012-04-19

[86] 2010-10-26 (PCT/US2010/054150)

[87] (WO2011/053599)

[30] US (12/605,546) 2009-10-26

[30] US (12/605,929) 2009-10-26

**Canadian Patents Issued
October 24, 2017**

[11] **2,778,383**
[13] A1

[51] **Int.Cl. C04B 35/80 (2006.01) F02K 1/82 (2006.01) F02K 9/97 (2006.01)**
[25] EN
[54] **LOW-THICKNESS THERMOSTRUCTURAL COMPOSITE MATERIAL PART, AND MANUFACTURE METHOD**
[54] **PIECE EN MATERIAU COMPOSITE THERMOSTRUCTURAL DE FAIBLE EPAISSEUR ET PROCEDE DE FABRICATION**
[72] CHARLEUX, FRANCOIS, FR
[72] COUPE, DOMINIQUE, FR
[72] PHILIPPE, ERIC, FR
[73] CHARLEUX, FRANCOIS, ZZ
[73] COUPE, DOMINIQUE, ZZ
[73] PHILIPPE, ERIC, ZZ
[73] HERAKLES, FR
[85] 2012-04-19
[86] 2010-10-26 (PCT/FR2010/052285)
[87] (WO2011/051611)
[30] FR (0957676) 2009-10-30

[11] **2,778,863**
[13] A1

[51] **Int.Cl. F16L 3/127 (2006.01) F16L 37/14 (2006.01) F16L 41/03 (2006.01) F24D 3/10 (2006.01)**
[25] EN
[54] **COUPLING SYSTEM, DISTRIBUTOR, PIPE SYSTEM, AND PIPE OFFSET SYSTEM**
[54] **SYSTEME DE RACCORDEMENT, DISTRIBUTEUR, SYSTEME DE CONDUITES ET SYSTEME DE MONTAGE EN DEPORT DE CONDUITES**
[72] KERN-EMMERICH, THOMAS, DE
[72] KELLER, JOERG, DE
[72] GEIER, RUDOLF, DE
[73] UPONOR INNOVATION AB, SE
[73] KERN-EMMERICH, THOMAS, ZZ
[73] KELLER, JOERG, ZZ
[73] GEIER, RUDOLF, ZZ
[85] 2012-04-24
[86] 2010-11-03 (PCT/EP2010/066749)
[87] (WO2011/054877)
[30] DE (202009015045.3) 2009-11-05

[11] **2,778,982**
[13] A1

[51] **Int.Cl. B29C 70/22 (2006.01) B29B 11/16 (2006.01) D03D 3/00 (2006.01)**
[25] EN
[54] **FIBER PREFORM, FIBER REINFORCED COMPOSITE, AND METHOD OF MAKING THEREOF**
[54] **EBAUCHE DE FIBRE, COMPOSITE RENFORCE PAR DES FIBRES ET LEUR PROCEDE DE REALISATION**
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[73] GOERING, JONATHAN, ZZ
[85] 2012-04-26
[86] 2010-10-26 (PCT/US2010/054117)
[87] (WO2011/056586)
[30] US (12/607,715) 2009-10-28

[11] **2,779,073**
[13] A1

[51] **Int.Cl. C07D 311/68 (2006.01) A61K 31/473 (2006.01) A61P 3/10 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/28 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL OXIME DERIVATIVES AND THEIR USE AS ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS**
[54] **NOUVEAUX DERIVES D'OXIMES ET LEUR UTILISATION COMME MODULATEURS ALLOSTERIQUES DE RECEPTEURS METABOTROPIQUES DU GLUTAMATE**
[72] SCHANN, STEPHAN, FR
[72] MAYER, STANISLAS, FR
[72] MORICE, CHRISTOPHE, FR
[72] GIETHLEN, BRUNO, FR
[73] DOMAIN THERAPEUTICS, FR
[73] SCHANN, STEPHAN, ZZ
[73] MAYER, STANISLAS, ZZ
[73] MORICE, CHRISTOPHE, ZZ
[73] GIETHLEN, BRUNO, ZZ
[73] PRESTWICK CHEMICAL, FR
[85] 2012-04-26
[86] 2010-10-29 (PCT/EP2010/066537)
[87] (WO2011/051478)
[30] EP (09360049.2) 2009-10-30

[11] **2,779,368**
[13] A1

[51] **Int.Cl. E02F 3/36 (2006.01)**
[25] EN
[54] **A QUICK HITCH COUPLER ATTACHE RAPIDE**
[72] MCCORMICK, PATRICK, IE
[72] MCCORMICK, CAROLINE, IE
[72] MCCORMICK, LORNA, IE
[72] SEGARTY, MARTIN, IE
[72] EGENTON, WILLIAM, IE
[73] MCCORMICK, PATRICK, IE
[73] MCCORMICK, CAROLINE, IE
[73] MCCORMICK, LORNA, IE
[73] SEGARTY, MARTIN, IE
[73] EGENTON, WILLIAM, IE
[85] 2012-04-27
[86] 2010-11-02 (PCT/IB2010/054961)
[87] (WO2011/051923)
[30] GB (0919169.3) 2009-11-02

[11] **2,779,373**
[13] A1

[51] **Int.Cl. H03K 17/96 (2006.01)**
[25] EN
[54] **USER INTERFACE PANEL PANNEAU D'INTERFACE UTILISATEUR**
[72] ORELLANA, JAY J., US
[73] TOUCHSENSOR TECHNOLOGIES, LLC, US
[73] ORELLANA, JAY J., ZZ
[85] 2012-04-27
[86] 2010-11-23 (PCT/US2010/057734)
[87] (WO2011/063377)
[30] US (61/263,505) 2009-11-23

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,779,979**
[13] A1

[51] **Int.Cl. C08G 18/66 (2006.01) B29C 44/10 (2006.01) C08J 9/12 (2006.01) C08J 9/14 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A POLYURETHANE FOAM BY MEANS OF A SUPERCRITICAL OR NEAR-CRITICAL PROPELLANT**

[54] **PROCEDE DE PRODUCTION D'UNE MOUSSE DE POLYURETHANE AU MOYEN D'UN AGENT GONFLANT A L'ETAT SUPERCRITIQUE OU PROCHE DU POINT CRITIQUE**

[72] LINDNER, STEFAN, DE
[72] FRIEDERICHS, WOLFGANG, DE
[72] STREY, REINHARD, DE
[72] SOTTMANN, THOMAS, DE
[72] KHAZOVA, ELENA, DE
[72] KRAMER, LORENZ, DE
[72] DAHL, VERENA, DE
[72] CHALBI, AGNES, DE
[73] BAYER MATERIALSCIENCE AG, DE
[73] LINDNER, STEFAN, ZZ
[73] FRIEDERICHS, WOLFGANG, ZZ
[73] STREY, REINHARD, ZZ
[73] SOTTMANN, THOMAS, ZZ
[73] KHAZOVA, ELENA, ZZ
[73] KRAMER, LORENZ, ZZ
[73] DAHL, VERENA, ZZ
[73] CHALBI, AGNES, ZZ
[85] 2012-05-03
[86] 2010-11-03 (PCT/EP2010/066744)
[87] (WO2011/054873)
[30] DE (102009053218.8) 2009-11-06

[11] **2,780,471**
[13] A1

[51] **Int.Cl. B65D 81/38 (2006.01) B65B 7/28 (2006.01) B65D 77/20 (2006.01) B65D 85/50 (2006.01) F25D 3/06 (2006.01) B65D 21/032 (2006.01)**

[25] EN

[54] **CONTAINERS FOR TRANSPORT OF FOOD**

[54] **RECIPIENT POUR LE TRANSPORT D'ALIMENT**

[72] BEKKEN, SVENN, NO
[72] JOERGENSEN, ARVID, NO
[73] BEWI PRODUKTER AS, NO
[73] BEKKEN, SVENN, ZZ
[73] JOERGENSEN, ARVID, ZZ
[85] 2012-05-09
[86] 2010-11-12 (PCT/NO2010/000413)
[87] (WO2011/062502)
[30] NO (20093338) 2009-11-13

[11] **2,780,576**
[13] A1

[51] **Int.Cl. H04Q 1/04 (2006.01) H04B 10/40 (2013.01) H04B 10/80 (2013.01)**

[25] EN

[54] **OPTICAL BACKPLANE RACK ASSEMBLY WITH EXTERNAL OPTICAL CONNECTORS**

[54] **ENSEMBLE BATI ET FOND DE PANIER OPTIQUE A CONNECTEURS OPTIQUES EXTERNES**

[72] ROLSTON, DAVID R., CA
[73] REFLEX PHOTONICS INC., CA
[73] ROLSTON, DAVID R., CA
[85] 2012-05-10
[86] 2010-11-01 (PCT/CA2010/001717)
[87] (WO2011/057383)
[30] US (12/618,309) 2009-11-13

[11] **2,781,140**
[13] A1

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **PROLINE DERIVATIVES FOR USE TO TREAT HEPATITIS C INFECTION**

[54] **DERIVES DE PROLINE DESTINES AU TRAITEMENT D'UNE INFECTION A L'HEPATITE C**

[72] CHERN, JYH-HAUR, TW
[72] CHAO, YU-SHENG, US
[73] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[73] CHERN, JYH-HAUR, ZZ
[73] CHAO, YU-SHENG, ZZ
[85] 2012-05-16
[86] 2010-12-02 (PCT/US2010/058672)
[87] (WO2011/068941)
[30] US (61/266,584) 2009-12-04

[11] **2,781,527**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01)**

[25] EN

[54] **METHODS FOR THE PREPARATION OF LIPOSOMES**

[54] **METHODES DE PREPARATION DE LIPOSOMES**

[72] JAVERI, INDU, US
[72] NELLAIAPPAN, KALIAPPANADAR, US
[72] DIXIT, BHARAT, US
[73] JAVERI, INDU, US
[73] NELLAIAPPAN, KALIAPPANADAR, ZZ
[73] DIXIT, BHARAT, ZZ
[85] 2012-04-24
[86] 2010-09-23 (PCT/US2010/049923)
[87] (WO2011/038068)
[30] US (61/245,185) 2009-09-23

[11] **2,781,529**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01)**

[25] EN

[54] **METHODS FOR THE PREPARATION OF LIPOSOMES COMPRISING DOCETAXEL**

[54] **METHODES DE PREPARATION DE LIPOSOMES CONTENANT DU DOCETAXEL**

[72] JAVERI, INDU, US
[72] NELLAIAPPAN, KALIAPPANADAR, US
[73] JAVERI, INDU, US
[73] NELLAIAPPAN, KALIAPPANADAR, ZZ
[85] 2012-04-24
[86] 2010-09-23 (PCT/US2010/049928)
[87] (WO2011/038073)
[30] US (61/245,185) 2009-09-23

**Canadian Patents Issued
October 24, 2017**

[11] **2,781,756**
[13] A1

[51] **Int.Cl. B30B 9/30 (2006.01)**
[25] EN
[54] **PRESS HAVING AT LEAST ONE COLLECTOR WAGON THAT CAN BE COUPLED AND UNCOUPLED**
[54] **PRESSE DOTEE D'AU MOINS UN CHARIOT COLLECTEUR POUVANT ETRE COUPLE ET DESACCOUPLE**
[72] STRAUTMANN, WOLFGANG, DE
[73] SIB STRAUTMANN INGENIEURBUERO GMBH, DE
[73] STRAUTMANN, WOLFGANG, ZZ
[85] 2012-05-23
[86] 2010-11-29 (PCT/EP2010/068384)
[87] (WO2011/064357)
[30] DE (10 2009 047 297.5) 2009-11-30
[30] DE (10 2010 000 938.5) 2010-01-15
[30] DE (10 2010 031 168.5) 2010-07-09

[11] **2,782,345**
[13] A1

[51] **Int.Cl. E03D 11/00 (2006.01) E03D 11/14 (2006.01) E03D 11/17 (2006.01) F16L 5/02 (2006.01) F16L 5/06 (2006.01) F16L 21/025 (2006.01) F16L 23/16 (2006.01)**
[25] EN
[54] **WATER CLOSET FLANGE SEAL**
[54] **JOINT DE BRIDE DE TOILETTES**
[72] CULWELL, BILL, US
[73] CULWELL, BILL, US
[85] 2012-05-29
[86] 2010-12-08 (PCT/US2010/059484)
[87] (WO2011/072025)
[30] US (61/267,499) 2009-12-08
[30] US (61/294,648) 2010-01-13

[11] **2,782,485**
[13] A1

[51] **Int.Cl. D21D 1/34 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **CELLULOSE NANOFIBERS**
[54] **NANOFIBRES DE CELLULOSE**
[72] YANO, HIROYUKI, JP
[72] HASHIMOTO, TADAFUMI, JP
[72] SATO, AKIHIRO, JP
[73] KYOTO UNIVERSITY, JP
[73] YANO, HIROYUKI, ZZ
[73] HASHIMOTO, TADAFUMI, ZZ
[73] SATO, AKIHIRO, ZZ
[73] NIPPON PAPER INDUSTRIES CO., LTD., JP
[73] OJI HOLDINGS CORPORATION, JP
[85] 2012-05-31
[86] 2010-11-12 (PCT/JP2010/070224)
[87] (WO2011/068023)
[30] JP (2009-273158) 2009-12-01

[11] **2,782,555**
[13] A1

[51] **Int.Cl. A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **3-(INDOLYL)-OR 3-(AZAINDOLYL)-4-ARYLMALEIMIDE DERIVATIVES FOR USE IN THE TREATMENT OF COLON AND GASTRIC ADENOCARCINOMA**
[54] **DERIVES DE 3-(INDOLYL) OU 3-(AZAINDOLYL)-4-ARYLMALEIMIDE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE L'ADENOCARCINOME GASTRIQUE ET DU COLON**
[72] DANNHARDT, GERD, DE
[72] PLUTIZKI, STANISLAV, DE
[72] KRAMB, JAN-PETER, DE
[72] MUELLER, ANNETT, DE
[72] MOEHLER, MARKUS, DE
[73] JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[73] DANNHARDT, GERD, ZZ
[73] PLUTIZKI, STANISLAV, ZZ
[73] KRAMB, JAN-PETER, ZZ
[73] MUELLER, ANNETT, ZZ
[73] MOEHLER, MARKUS, ZZ
[73] UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ, DE
[85] 2012-05-31
[86] 2010-12-10 (PCT/EP2010/069349)
[87] (WO2011/073091)
[30] EP (09179984.1) 2009-12-18

[11] **2,782,849**
[13] A1

[51] **Int.Cl. F17C 9/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR VAPORISING CRYOGENIC MEDIA**
[54] **PROCEDE ET DISPOSITIF POUR VAPORISER DES MILIEUX CRYOGENES**
[72] BOKKER, FOKKE, DE
[73] LINDE AKTIENGESELLSCHAFT, DE
[73] BOKKER, FOKKE, ZZ
[85] 2012-06-04
[86] 2010-11-30 (PCT/EP2010/007246)
[87] (WO2011/066939)
[30] DE (10 2009 057 055.1) 2009-12-04

[11] **2,783,016**
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR AND METHOD OF SECURING A CENTRALIZER TO A TUBULAR**
[54] **APPAREIL ET PROCEDE DE FIXATION D'UN CENTREUR A UN ELEMENT TUBULAIRE**
[72] BUYTAERT, JEAN, US
[72] MILLER, EUGENE EDWARD, US
[72] HINING, IRA EUGENE, US
[72] YOUNG, JIMMY MACK, US
[73] BUYTAERT, JEAN, ZZ
[73] MILLER, EUGENE EDWARD, ZZ
[73] HINING, IRA EUGENE, ZZ
[73] YOUNG, JIMMY MACK, ZZ
[73] ANTELOPE OIL TOOL & MFG. CO., LLC, US
[85] 2012-06-05
[86] 2010-08-19 (PCT/US2010/030312)
[87] (WO2010/120613)
[30] US (61/237,202) 2009-08-26
[30] US (61/287,665) 2009-12-17

Brevets canadiens délivrés
24 octobre 2017

[11] **2,783,417**
[13] A1

[51] **Int.Cl. F16H 33/02 (2006.01) A01G 3/053 (2006.01) F16F 15/315 (2006.01)**

[25] EN

[54] **A DRIVE TRAIN FOR A HEDGE TRIMMER, A HEDGE TRIMMER AND A METHOD OF CONTROLLING A HEDGE TRIMMER**

[54] **ENTRAINEMENT POUR COUPE-HAIE, COUPE-HAIE ET METHODE DE COMMANDE DE COUPE-HAIE**

[72] BARKER, DAVID, GB

[73] BLACK & DECKER INC., US

[73] BARKER, DAVID, ZZ

[86] (2783417)

[87] (2783417)

[22] 2012-07-20

[30] EP (11177674.6) 2011-08-16

[11] **2,783,938**
[13] A1

[51] **Int.Cl. C07B 53/00 (2006.01) C07D 209/20 (2006.01) C07D 513/08 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING INTERMEDIATES FOR THE PRODUCTION OF MACROCYCLES THAT ARE INHIBITORS OF THE PROTEASOMIC DEGRADATION OF P27, SUCH AS ARGYRIN AND DERIVATIVES THEREOF**

[54] **METHODE DE PRODUCTION D'INTERMEDIAIRES POUR LA PRODUCTION DE MACROCYCLES QUI SONT INHIBITEURS DE LA DEGRADATION PROTEASOMIQUE DE P27, COMME L'ARGYRINE ET SES DERIVES**

[72] KALESSE, MARKUS, DE

[72] EGGERT, ULRIKE, DE

[73] HELMHOLTZ-ZENTRUM FUER INFEKTIONS-FORSCHUNG GMBH, DE

[73] KALESSE, MARKUS, ZZ

[73] EGGERT, ULRIKE, ZZ

[73] MEDIZINISCHE HOCHSCHULE HANNOVER, DE

[73] GOTTFRIED WILHELM LEIBNIZ UNIVERSITAET, DE

[85] 2012-06-08

[86] 2010-12-14 (PCT/EP2010/069594)

[87] (WO2011/073173)

[30] US (61/286,097) 2009-12-14

[11] **2,784,141**
[13] A1

[51] **Int.Cl. A61K 31/7048 (2006.01) A61K 31/365 (2006.01) A61K 31/366 (2006.01) A61K 31/4985 (2006.01) A61P 33/10 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING MACROCYCLIC LACTONE COMPOUNDS AND SPIRODIOXEPINOINDOLES**

[54] **COMPOSITIONS CONTENANT DES COMPOSES DE LACTONE MACROCYCLIQUE ET DES SPIRO-DIOXEPINO-INDOLES**

[72] HOLMES, ROBERT, NZ

[72] RAZZAK, MAJID, NZ

[73] HOLMES, ROBERT, ZZ

[73] RAZZAK, MAJID, ZZ

[73] MERIAL, INC., US

[85] 2012-06-12

[86] 2010-12-16 (PCT/US2010/060840)

[87] (WO2011/075592)

[30] US (61/287,532) 2009-12-17

[11] **2,784,329**
[13] A1

[51] **Int.Cl. E01B 2/00 (2006.01) B60L 5/00 (2006.01) E01B 21/00 (2006.01) E01B 25/00 (2006.01)**

[25] EN

[54] **TRACK FOR A TRACK BOUND VEHICLE**

[54] **VOIE POUR UN VEHICULE SUR VOIE**

[72] VOLLENWYDER, KURT, CA

[72] BAADE, MICHAEL, CA

[72] WORONOWICZ, KONRAD, CA

[72] SIEDMIOGROZKI, KRIS, CA

[72] SEIFFERT, HARRY, CH

[73] BOMBARDIER TRANSPORTATION GMBH, DE

[73] VOLLENWYDER, KURT, CA

[73] BAADE, MICHAEL, CA

[73] WORONOWICZ, KONRAD, CA

[73] SIEDMIOGROZKI, KRIS, CA

[73] SEIFFERT, HARRY, ZZ

[85] 2012-06-13

[86] 2010-12-21 (PCT/EP2010/007987)

[87] (WO2011/076435)

[30] GB (0922313.2) 2009-12-21

[11] **2,785,144**
[13] A1

[51] **Int.Cl. D21D 1/30 (2006.01)**

[25] EN

[54] **CONICAL ROTOR REFINER PLATE ELEMENT FOR COUNTER-ROTATING REFINER HAVING CURVED BARS AND SERRATED LEADING SIDEWALLS**

[54] **ELEMENT DE PLAQUE DE RAFFINEUR DE ROTOR CONIQUE POUR UN RAFFINEUR CONTRE-ROTATIF DOTE DE BARRES COURBEES ET DE PAROIS STRIEES**

[72] GRINGRAS, LUC, GB

[73] ANDRITZ INC., US

[73] GRINGRAS, LUC, ZZ

[86] (2785144)

[87] (2785144)

[22] 2012-08-09

[30] US (61/525,441) 2011-08-19

[30] US (13/566,373) 2012-08-03

[11] **2,785,155**
[13] A1

[51] **Int.Cl. A01G 3/053 (2006.01) H01B 7/24 (2006.01)**

[25] EN

[54] **SHEATH FOR ELECTRIC CABLE AND TRIMMER**

[54] **PROTECTEUR DE CABLE ELECTRIQUE ET COUPE-BORDURE**

[72] STRATFORD, MARK, GB

[73] BLACK & DECKER INC., US

[73] STRATFORD, MARK, ZZ

[86] (2785155)

[87] (2785155)

[22] 2012-08-07

[30] EP (11177213.3) 2011-08-11

**Canadian Patents Issued
October 24, 2017**

[11] **2,785,596**
[13] A1

[51] **Int.Cl. F27B 1/10 (2006.01) C21B 7/12 (2006.01) F27B 1/21 (2006.01) F27B 3/19 (2006.01) F27D 3/15 (2006.01)**

[25] EN

[54] **CLAY GUN MACHINE CANNON FOR METALLURGICAL FURNACES**

[54] **CANON DE BOUCHAGE DU TROU DE COULEE POUR DES FOURS METALLURGIQUES**

[72] DIRLENBACH, OLIVER, DE

[72] TAUGERBECK, RALF, DE

[73] TMT TAPPING-MEASURING-TECHNOLOGY GMBH, DE

[73] DIRLENBACH, OLIVER, ZZ

[73] TAUGERBECK, RALF, ZZ

[85] 2012-06-22

[86] 2011-01-12 (PCT/EP2011/050347)

[87] (WO2011/089054)

[30] DE (10 2010 001 038.3) 2010-01-20

[11] **2,785,658**
[13] A1

[51] **Int.Cl. A61K 9/24 (2006.01) A61K 35/741 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A61K 31/505 (2006.01) A61K 31/635 (2006.01) A61K 36/064 (2006.01) A61P 1/12 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHOD FOR TREATMENT AND PROPHYLAXIS OF INFLAMMATORY BOWEL DISEASE**

[54] **COMPOSITIONS ET PROCEDES POUR TRAITEMENT ET PROPHYLAXIE D'UNE MALADIE INTESTINALE INFLAMMATOIRE**

[72] TRACHTMAN, IRA MILTON, US

[73] TRACHTMAN, IRA MILTON, US

[85] 2012-06-26

[86] 2010-12-29 (PCT/US2010/062339)

[87] (WO2011/082218)

[30] US (61/291,474) 2009-12-31

[11] **2,785,772**
[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01) B65D 1/44 (2006.01) B65D 23/00 (2006.01)**

[25] EN

[54] **HOT-FILL CONTAINER HAVING FLAT PANELS**

[54] **RECIPIENT A REMPLISSAGE A CHAUD COMPORTANT DES PANNEAUX PLATS**

[72] STRASSER, WALTER J., US

[72] PHILIP, BRADLEY S., US

[72] STEIH, RICHARD J., US

[72] RANGLER, RICHARD K., US

[72] CASZATT, BRAD, US

[72] SIMON, JOHN B., US

[73] STRASSER, WALTER J., ZZ

[73] PHILIP, BRADLEY S., ZZ

[73] STEIH, RICHARD J., ZZ

[73] RANGLER, RICHARD K., ZZ

[73] CASZATT, BRAD, ZZ

[73] SIMON, JOHN B., ZZ

[73] AMCOR GROUP GMBH, CH

[85] 2012-06-26

[86] 2010-12-21 (PCT/US2010/061509)

[87] (WO2011/090659)

[30] US (61/290,588) 2009-12-29

[30] US (12/972,578) 2010-12-20

[11] **2,786,232**
[13] A1

[51] **Int.Cl. F23R 3/00 (2006.01) F23R 3/12 (2006.01) F23R 3/14 (2006.01) F23R 3/54 (2006.01)**

[25] FR

[54] **MULTI-BORED COMBUSTION CHAMBER HAVING COUNTER-ROTATING TANGENTIAL FLOWS**

[54] **CHAMBRE DE COMBUSTION MULTI-PERCEE A ECOULEMENTS TANGENTIELS CONTRE GIRATOIRES**

[72] CARRERE, BERNARD JOSEPH JEAN-PIERRE, FR

[72] DUBOURDIEU-RAYROT, JEAN-MARC, FR

[72] HERNANDEZ, LORENZO HUACAN, FR

[72] SERROT-GRACIE, ROBERT, FR

[73] TURBOMECA, FR

[73] CARRERE, BERNARD JOSEPH JEAN-PIERRE, ZZ

[73] DUBOURDIEU-RAYROT, JEAN-MARC, ZZ

[73] HERNANDEZ, LORENZO HUACAN, ZZ

[73] SERROT-GRACIE, ROBERT, ZZ

[85] 2012-07-03

[86] 2011-01-11 (PCT/FR2011/050046)

[87] (WO2011/086320)

[30] FR (1050257) 2010-01-15

[11] **2,786,849**
[13] A1

[51] **Int.Cl. B23C 5/22 (2006.01)**

[25] EN

[54] **CUTTING INSERT HAVING CUTTING EDGES WITH RECESSED PORTIONS**

[54] **PLAQUETTE DE COUPE POSSEDANT DES ARETES TRANCHANTES MUNIES DE PARTIES EN CREUX**

[72] SMILOVICI, CAROL, IL

[72] ATAR, OSAMA, IL

[73] ISCAR LTD., IL

[73] SMILOVICI, CAROL, ZZ

[73] ATAR, OSAMA, ZZ

[85] 2012-07-10

[86] 2010-12-14 (PCT/IL2010/001053)

[87] (WO2011/086544)

[30] IL (203283) 2010-01-13

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,786,929**
[13] A1

[51] **Int.Cl. C07D 207/277 (2006.01) C07C 227/22 (2006.01) C07C 229/34 (2006.01) C07D 207/26 (2006.01) C07D 207/263 (2006.01) C07D 207/267 (2006.01)**

[25] EN

[54] **INTERMEDIATES OF NEUTRAL ENDOPEPTIDASE INHIBITORS AND PREPARATION METHOD THEREOF**

[54] **INTERMEDIAIRES D'INHIBITEURS D'ENDOPEPTIDASE NEUTRE ET METHODE DE PREPARATION ASSOCIEE**

[72] HOOK, DAVID, CH
[72] ZHOU, JIANGUANG, CN
[72] LI, YUNZHONG, CN
[72] KU, JIE, CN
[73] NOVARTIS AG, CH
[73] HOOK, DAVID, ZZ
[73] ZHOU, JIANGUANG, ZZ
[73] LI, YUNZHONG, ZZ
[73] KU, JIE, ZZ
[85] 2012-07-12
[86] 2011-01-21 (PCT/CN2011/070458)
[87] (WO2011/088797)
[30] CN (PCT/CN2010/070322) 2010-01-22

[11] **2,787,115**
[13] A1

[51] **Int.Cl. A61K 47/40 (2006.01) A61K 9/00 (2006.01) A61K 31/08 (2006.01) A61P 23/00 (2006.01)**

[25] EN

[54] **FLURANE COMPLEX**

[54] **COMPLEXE DE FLURANE**

[72] ROEWER, NORBERT, DE
[72] BROSCHEIT, JENS, DE
[73] SAPIOTEC GMBH, DE
[73] ROEWER, NORBERT, ZZ
[73] BROSCHEIT, JENS, ZZ
[85] 2012-07-13
[86] 2011-01-14 (PCT/EP2011/050428)
[87] (WO2011/086146)
[30] EP (10150786.1) 2010-01-14

[11] **2,787,306**
[13] A1

[51] **Int.Cl. E03D 5/01 (2006.01) B63B 29/14 (2006.01)**

[25] EN

[54] **PUMP ASSEMBLY FOR A MARINE TOILET AND TOILET PUMP CONNECTION SYSTEM**

[54] **ENSEMBLE POMPE POUR TOILETTES MARINES ET SYSTEME DE RACCORDEMENT DE LA POMPE DE TOILETTES**

[72] RAKOCZY, STEVE, AU
[72] MCGUINNESS, STEVEN THOMAS, AU
[73] ALMOS TECHNOLOGIES PTY. LTD., AU
[73] RAKOCZY, STEVE, ZZ
[73] MCGUINNESS, STEVEN THOMAS, ZZ
[85] 2012-07-17
[86] 2011-02-14 (PCT/EP2011/052118)
[87] (WO2011/101309)
[30] EP (10153745.4) 2010-02-16
[30] EP (10159783.9) 2010-04-13

[11] **2,788,059**
[13] A1

[51] **Int.Cl. G01M 3/40 (2006.01)**

[25] FR

[54] **GEOCOMPOSITE ENABLING LEAK DETECTION BY ELECTRICAL SCAN, AND METHOD FOR USE**

[54] **GEOCOMPOSITE PERMETTANT LA DETECTION DE FUITE PAR UN BALAI ELECTRIQUE ET PROCEDE D'UTILISATION**

[72] DURKHEIM, YVES, FR
[73] AFITEX INTERNATIONAL, FR
[73] DURKHEIM, YVES, ZZ
[85] 2012-07-24
[86] 2011-01-27 (PCT/FR2011/050161)
[87] (WO2011/092433)
[30] FR (1050548) 2010-01-27

[11] **2,788,065**
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01) C07C 53/06 (2006.01) C09K 5/20 (2006.01)**

[25] EN

[54] **THE USE OF A COMPOSITION WITH LOW CORROSIVE PROPERTIES**

[54] **UTILISATION D'UNE COMPOSITION DE FAIBLES PROPRIETES CORROSIVES**

[72] AHLNAES, THOMAS, FI
[72] KUKKONEN, JARI-JUKKA, FI
[73] OY GRANULA AB LTD, FI
[73] AHLNAES, THOMAS, ZZ
[73] KUKKONEN, JARI-JUKKA, ZZ
[85] 2012-07-25
[86] 2011-01-25 (PCT/FI2011/050057)
[87] (WO2011/089322)
[30] FI (20105064) 2010-01-25

[11] **2,788,083**
[13] A1

[51] **Int.Cl. A47C 1/032 (2006.01)**

[25] EN

[54] **DEVICE FOR SYNCHRONIZING THE SEAT AND BACKREST OF A CHAIR**

[54] **DISPOSITIF POUR LA SYNCHRONISATION DU SIEGE ET DU DOSSIER D'UNE CHAISE**

[72] DONATI, ARMANDO, IT
[73] DONATI S.P.A., IT
[73] DONATI, ARMANDO, ZZ
[85] 2012-07-25
[86] 2010-02-26 (PCT/IT2010/000082)
[87] (WO2011/104735)

Canadian Patents Issued
October 24, 2017

[11] **2,788,441**
[13] A1

[51] **Int.Cl. C07D 311/56 (2006.01) A01N 43/16 (2006.01) A01P 11/00 (2006.01) C07C 49/747 (2006.01) C07C 205/45 (2006.01) C07D 335/06 (2006.01)**

[25] FR

[54] **RODENTICIDAL COMPOUNDS, COMPOSITION INCLUDING SAME AND USE THEREOF FOR CONTROLLING HARMFUL RODENTS**

[54] **COMPOSES RODENTICIDES, COMPOSITION LES COMPRENANT ET LEUR UTILISATION POUR LUTTER CONTRE LES RONGEURS NUISIBLES**

[72] LASSEUR, ROMAIN, FR
[72] BENOIT, ETIENNE, FR
[72] BERNY, PHILIPPE, FR
[72] BESSE, STEPHANE, FR
[73] LIPHATECH, FR
[73] LASSEUR, ROMAIN, ZZ
[73] BENOIT, ETIENNE, ZZ
[73] BERNY, PHILIPPE, ZZ
[73] BESSE, STEPHANE, ZZ
[85] 2012-07-27
[86] 2011-02-16 (PCT/FR2011/050326)
[87] (WO2011/101591)
[30] FR (10 51155) 2010-02-18

[11] **2,789,142**
[13] A1

[51] **Int.Cl. B64C 1/06 (2006.01)**

[25] FR

[54] **FRAMING ELEMENT FOR AN AIRCRAFT FUSELAGE**

[54] **ELEMENT DE CADRE DE FUSELAGE D'AERONEF**

[72] DELAHAYE, ROMAIN, FR
[72] LIEVEN, PATRICK, FR
[72] MIALHE, CHRISTOPHE, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[73] DELAHAYE, ROMAIN, ZZ
[73] LIEVEN, PATRICK, ZZ
[73] MIALHE, CHRISTOPHE, ZZ
[86] (2789142)
[87] (2789142)
[22] 2012-09-05
[30] FR (1157971) 2011-09-08

[11] **2,789,626**
[13] A1

[51] **Int.Cl. E04B 1/41 (2006.01)**

[25] EN

[54] **CONCRETE INSERT**

[54] **INSERTION EN BETON**

[72] ALLY, MOHAMED R., CA
[73] ALLY, MOHAMED R., CA
[86] (2789626)
[87] (2789626)
[22] 2012-09-12

[11] **2,790,234**
[13] A1

[51] **Int.Cl. E04G 21/32 (2006.01) E04H 17/16 (2006.01)**

[25] EN

[54] **REMOVABLE BARRIER FOR LOCATION ON AN UPPER PORTION OF A WALL**

[54] **BARRIERE AMOVIBLE POUR DISPOSITION SUR UNE PARTIE SUPERIEURE D'UNE PAROI**

[72] BRAZIS, PAUL, AU
[72] ROSATI, EMILIO, AU
[73] FORM 700 PTY LTD, AU
[73] BRAZIS, PAUL, ZZ
[73] ROSATI, EMILIO, ZZ
[85] 2012-08-16
[86] 2011-02-24 (PCT/AU2011/000202)
[87] (WO2011/103631)
[30] AU (2010900784) 2010-02-24

[11] **2,790,362**
[13] A1

[51] **Int.Cl. B60R 7/14 (2006.01)**

[25] EN

[54] **FIREARM MOUNT FOR VEHICLE TRUNK OR CARGO AREA**

[54] **AFFUT D'ARME A FEU POUR COFFRE DE VEHICULE OU ESPACE A BAGAGES**

[72] SETINA, TERRY L., US
[73] J.R. SETINA MANUFACTURING CO., INC., US
[73] SETINA, TERRY L., ZZ
[86] (2790362)
[87] (2790362)
[22] 2012-09-19
[30] US (13/467,880) 2012-05-09

[11] **2,790,686**
[13] A1

[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61F 2/00 (2006.01) A61F 2/24 (2006.01) B65B 11/02 (2006.01) B65B 13/34 (2006.01) B65B 51/09 (2006.01)**

[25] EN

[54] **DRY PROSTHETIC HEART VALVE PACKAGING SYSTEM**

[54] **SYSTEME D'EMBALLAGE DE VALVULE CARDIAQUE PROTHETIQUE SEC**

[72] LIBURD, GREGORY G., US
[72] GAUTAM, ABHISHEK, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[73] LIBURD, GREGORY G., ZZ
[73] GAUTAM, ABHISHEK, ZZ
[85] 2012-08-21
[86] 2011-03-03 (PCT/US2011/027046)
[87] (WO2011/109630)
[30] US (61/310,851) 2010-03-05
[30] US (13/039,166) 2011-03-02

[11] **2,791,145**
[13] A1

[51] **Int.Cl. H04W 48/08 (2009.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR A TERMINAL OF A WIRELESS COMMUNICATION NETWORK**

[54] **PROCEDE ET AGENCEMENT DESTINE A UN TERMINAL D'UN RESEAU DE COMMUNICATION SANS FIL**

[72] LINDOFF, BENGT, SE
[72] KAZMI, MUHAMMAD, SE
[72] JADING, YLVA, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[73] LINDOFF, BENGT, ZZ
[73] KAZMI, MUHAMMAD, ZZ
[73] JADING, YLVA, ZZ
[85] 2012-08-15
[86] 2010-11-26 (PCT/EP2010/068300)
[87] (WO2011/076517)
[30] EP (09180300.7) 2009-12-22
[30] US (61/297,983) 2010-01-25

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,791,330**
[13] A1

[51] **Int.Cl. F17C 13/00 (2006.01) F16J 12/00 (2006.01) F16J 15/02 (2006.01) F17C 1/06 (2006.01)**

[25] EN

[54] **ANTI-EXTRUSION SEALING SYSTEM FOR THE OUTLET OF A PLASTIC-LINED COMPRESSED GAS CYLINDER**

[54] **SYSTEME D'ETANCHEITE ANTI-EXTRUSION POUR LA SORTIE D'UNE BOUTEILLE DE GAZ COMPRIME REVETUE INTERIEUREMENT DE PLASTIQUE**

[72] SHARP, JEFFREY J., CA
[72] DUNCAN, MARK, CA
[73] SHARP, JEFFREY J., CA
[73] DUNCAN, MARK, CA
[73] LUXFER CANADA LIMITED, CA
[85] 2012-08-27
[86] 2011-02-28 (PCT/CA2011/050119)
[87] (WO2011/103688)
[30] US (61/308,736) 2010-02-26
[30] US (61/308,751) 2010-02-26

[11] **2,792,518**
[13] A1

[51] **Int.Cl. C23C 18/04 (2006.01) C23C 18/12 (2006.01)**

[25] FR

[54] **METHOD FOR MANUFACTURING A THERMAL-BARRIER PROTECTION AND MULTI-LAYER COATING SUITABLE FOR FORMING A THERMAL BARRIER**

[54] **METHODE DE FABRICATION D'UNE PROTECTON DE BARRIERE THERMIQUE ET REVETEMENT MULTICOUCHE APTE A FORMER UNE BARRIERE THERMIQUE**

[72] MENUHEY, JUSTINE, FR
[72] ANSART, FLORENCE, FR
[72] BONINO, JEAN-PIERRE, FR
[72] FENECH, JUSTINE, FR
[72] VIAZZI, CELINE, FR
[73] UNIVERSITE PAUL SABATIER - TOULOUSE III, FR
[73] SNECMA, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] MENUHEY, JUSTINE, ZZ
[73] ANSART, FLORENCE, ZZ
[73] BONINO, JEAN-PIERRE, ZZ
[73] FENECH, JUSTINE, ZZ
[73] VIAZZI, CELINE, ZZ
[85] 2012-09-07
[86] 2011-03-11 (PCT/FR2011/050500)
[87] (WO2011/110794)
[30] FR (10 00992) 2010-03-12

[11] **2,794,296**
[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01)**

[25] EN

[54] **GRAVEL PACK CROSSOVER TOOL WITH LOW DRAG PROFILE**

[54] **OUTIL TRANSVERSAL COMPACTEUR DE GRAVIER AYANT UN PROFIL DE TRAINÉAU BAS**

[72] BROUSSARD, JOHN P., US
[72] ZIMMERMAN, PATRICK J., US
[72] HALL, CHRISTOPHER, US
[73] BROUSSARD, JOHN P., ZZ
[73] ZIMMERMAN, PATRICK J., ZZ
[73] HALL, CHRISTOPHER, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2794296)
[87] (2794296)
[22] 2012-11-06
[30] US (13/294,487) 2011-11-11

[11] **2,794,567**
[13] A1

[51] **Int.Cl. H01M 8/242 (2016.01) H01M 8/2483 (2016.01)**

[25] EN

[54] **ELECTROCHEMICAL CELL STACK**

[54] **EMPILEMENT DE CELLULES ELECTROCHIMIQUES**

[72] UNDERWOOD, RICHARD LINDSAY, GB
[72] RIDLEY, PETER JOHN, GB
[73] RENEWABLE ENERGY DYNAMICS TECHNOLOGY LTD, IE
[73] UNDERWOOD, RICHARD LINDSAY, ZZ
[73] RIDLEY, PETER JOHN, ZZ
[85] 2012-09-12
[86] 2011-03-11 (PCT/GB2011/000351)
[87] (WO2011/114094)
[30] GB (1004650.6) 2010-03-19
[30] US (61/345,339) 2010-05-17

[11] **2,795,112**
[13] A1

[51] **Int.Cl. G01C 15/00 (2006.01) B23P 19/04 (2006.01) B25H 7/00 (2006.01) B63B 9/00 (2006.01) G01B 11/00 (2006.01) G01C 15/02 (2006.01)**

[25] FR

[54] **METHOD AND SYSTEM FOR HELPING TO POSITION A COMPONENT ON A STRUCTURAL ELEMENT**

[54] **PROCEDE ET SYSTEME D'AIDE AU POSITIONNEMENT D'UNE PIECE SUR UN ELEMENT DE STRUCTURE**

[72] LE MER, ERWAN, FR
[72] FRETIGNY, YVES, FR
[72] LE SCOLAN, ERIC, FR
[73] DCNS, FR
[73] LE MER, ERWAN, ZZ
[73] FRETIGNY, YVES, ZZ
[73] LE SCOLAN, ERIC, ZZ
[85] 2012-10-01
[86] 2011-04-01 (PCT/FR2011/050742)
[87] (WO2011/121256)
[30] FR (10 52534) 2010-04-02

**Canadian Patents Issued
October 24, 2017**

[11] **2,795,219**
[13] A1

[51] **Int.Cl. G01V 3/28 (2006.01)**
[25] EN
[54] **PROCESSING AND GEOSTEERING WITH A ROTATING TOOL**
[54] **TRAITEMENT ET GEODIRECTION A L'AIDE D'UN OUTIL ROTATIF**
[72] BITTAR, MICHAEL S., US
[72] WU, HSU-HSIANG, US
[72] LI, SHANJUN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] BITTAR, MICHAEL S., ZZ
[73] WU, HSU-HSIANG, ZZ
[73] LI, SHANJUN, ZZ
[85] 2012-10-02
[86] 2010-04-15 (PCT/US2010/031243)
[87] (WO2011/129828)

[11] **2,795,982**
[13] A1

[51] **Int.Cl. F03D 80/40 (2016.01)**
[25] EN
[54] **FIXATION OF A HEATING MAT TO A BLADE OF A WIND TURBINE**
[54] **FIXATION D'UNE GARNITURE CHAUFFANTE SUR UNE PALE D'EOLIENNE**
[72] LIND, SOEREN OEMANN, DK
[72] MADSEN, FINN DAUGAARD, DK
[72] SCHIBSBYE, KARSTEN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] LIND, SOEREN OEMANN, ZZ
[73] MADSEN, FINN DAUGAARD, ZZ
[73] SCHIBSBYE, KARSTEN, ZZ
[85] 2012-10-10
[86] 2010-09-16 (PCT/EP2010/063590)
[87] (WO2011/127995)
[30] EP (10159631.0) 2010-04-12

[11] **2,796,362**
[13] A1

[51] **Int.Cl. D01F 6/90 (2006.01)**
[25] EN
[54] **META-TYPE WHOLLY AROMATIC POLYAMIDE FIBER**
[54] **FIBRE DE POLYAMIDE ENTIEREMENT AROMATIQUE DE TYPE META**
[72] KIKUCHI, SATOSHI, JP
[72] TAKIUE, KOTARO, JP
[73] TEIJIN LIMITED, JP
[73] KIKUCHI, SATOSHI, ZZ
[73] TAKIUE, KOTARO, ZZ
[85] 2012-10-11
[86] 2011-04-08 (PCT/JP2011/058909)
[87] (WO2011/129279)
[30] JP (2010-093289) 2010-04-14
[30] JP (2011-084556) 2011-04-06

[11] **2,796,586**
[13] A1

[51] **Int.Cl. C12M 1/24 (2006.01) C12M 1/42 (2006.01) G01N 33/48 (2006.01) C12M 1/38 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR INTEGRATED SAMPLE PREPARATION, REACTION AND DETECTION**
[54] **APPAREIL ET PROCEDES DE PREPARATION, DE REACTION ET DE DETECTION INTEGREES D'ECHANTILLON**
[72] BIRD, DYLAN HILMER, US
[72] CHING, JESUS, US
[72] JOHNSON, BRUCE A., US
[72] MORAVICK, KEITH E., US
[72] RICHARDSON, BRUCE, US
[73] BIRD, DYLAN HILMER, ZZ
[73] CHING, JESUS, ZZ
[73] JOHNSON, BRUCE A., ZZ
[73] MORAVICK, KEITH E., ZZ
[73] RICHARDSON, BRUCE, ZZ
[73] LUMINEX CORPORATION, US
[85] 2012-08-21
[86] 2011-02-23 (PCT/US2011/025871)
[87] (WO2011/106384)
[30] US (61/307,281) 2010-02-23

[11] **2,796,807**
[13] A1

[51] **Int.Cl. B29C 70/46 (2006.01) B29C 33/38 (2006.01) B29C 70/48 (2006.01) B29C 70/54 (2006.01) F01D 21/04 (2006.01)**
[25] EN
[54] **DEVICE FOR MANUFACTURING A CASING MADE OF A COMPOSITE MATERIAL AND MANUFACTURING METHOD USING SUCH A DEVICE**
[54] **DISPOSITIF DE FABRICATION D'UN CARTER EN MATERIAU COMPOSITE ET PROCEDE DE FABRICATION METTANT EN ŒUVRE UN TEL DISPOSITIF**
[72] PLANTE, ROMAIN, FR
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] BETEGA, LOUIS, FR
[72] CASTANIE, JEAN-LOUIS ROBERT MARCEL, FR
[73] SNECMA, FR
[73] PLANTE, ROMAIN, ZZ
[73] CAUCHOIS, JEAN-PIERRE, ZZ
[73] BETEGA, LOUIS, ZZ
[73] CASTANIE, JEAN-LOUIS ROBERT MARCEL, ZZ
[85] 2012-10-18
[86] 2011-04-20 (PCT/FR2011/050908)
[87] (WO2011/131908)
[30] FR (1052999) 2010-04-20

[11] **2,797,676**
[13] A1

[51] **Int.Cl. H04L 1/16 (2006.01) H04B 7/26 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FEEDING BACK DATA RECEIVING STATUS**
[54] **DISPOSITIF ET PROCEDE POUR RETOURNER UN ETAT DE RECEPTION DE DONNEES**
[72] LI, YINGYANG, CN
[72] SUN, CHENGJUN, CN
[72] LI, XIAOQIANG, CN
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] LI, YINGYANG, ZZ
[73] SUN, CHENGJUN, ZZ
[73] LI, XIAOQIANG, ZZ
[85] 2012-10-26
[86] 2011-04-28 (PCT/KR2011/003163)
[87] (WO2011/136588)
[30] CN (201010168684.8) 2010-04-30
[30] CN (201010527462.0) 2010-10-27
[30] CN (201010574732.3) 2010-11-16
[30] CN (201010589610.1) 2010-12-01

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,797,849**

[13] A1

- [51] **Int.Cl. B26D 7/06 (2006.01)**
[25] EN
[54] **HIGH SPEED SLICING MACHINE**
[54] **MACHINE A TRANCHER A GRANDE VITESSE**
[72] LINDEE, SCOTT A., US
[72] PASEK, JAMES E., US
[72] HANCOCK, DAVID, US
[72] WOLCOTT, THOMAS C., US
[73] FORMAX, INC., US
[73] LINDEE, SCOTT A., ZZ
[73] PASEK, JAMES E., ZZ
[73] HANCOCK, DAVID, ZZ
[73] WOLCOTT, THOMAS C., ZZ
[85] 2012-10-29
[86] 2011-05-02 (PCT/US2011/034866)
[87] (WO2011/139996)
[30] US (61/343,551) 2010-05-01

[11] **2,798,866**

[13] A1

- [51] **Int.Cl. F17D 5/00 (2006.01) F16L 17/00 (2006.01) F16L 17/06 (2006.01) F16L 58/04 (2006.01) F17D 5/06 (2006.01)**
[25] EN
[54] **PROTECTIVE LINER WITH WEAR DETECTION**
[54] **GARNITURE PROTECTRICE A DETECTION DE L'USURE**
[72] CHAMBERLAND, DANIEL ANDRE, CA
[73] 1876255 ONTARIO LIMITED, CA
[73] CHAMBERLAND, DANIEL ANDRE, CA
[85] 2012-11-07
[86] 2011-05-06 (PCT/CA2011/050277)
[87] (WO2011/137539)
[30] US (61/332,235) 2010-05-07

[11] **2,799,089**

[13] A1

- [51] **Int.Cl. B09B 3/00 (2006.01)**
[25] EN
[54] **WASTE DISPOSAL APPARATUS, FLUID AND METHOD**
[54] **APPAREIL, FLUIDE ET PROCEDE D'ELIMINATION DES DECHETS**
[72] SAGE-PASSANT, PETER, GB
[73] MECHLINE DEVELOPMENTS LIMITED, GB
[85] 2012-11-09
[86] 2011-01-25 (PCT/GB2011/000090)
[87] (WO2011/161395)
[30] GB (1010488.3) 2010-06-22

[11] **2,799,903**

[13] A1

- [51] **Int.Cl. G06F 21/45 (2013.01) H04W 12/08 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **CERTIFICATE MANAGEMENT METHOD BASED ON CONNECTIVITY AND POLICY**
[54] **METHODE DE GESTION DE CERTIFICAT FONDEE SUR LA CONNECTIVITE ET LA POLITIQUE**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] STOROZUK, JOHN VINCENT, CA
[72] HO, ALAN PAK-LUN, CA
[72] TSE, CHI CHIU, CA
[73] BENDER, CHRISTOPHER LYLE, CA
[73] STOROZUK, JOHN VINCENT, CA
[73] HO, ALAN PAK-LUN, CA
[73] TSE, CHI CHIU, CA
[73] BLACKBERRY LIMITED, CA
[86] (2799903)
[87] (2799903)
[22] 2012-12-27
[30] US (61/600,299) 2012-02-17

[11] **2,801,127**

[13] A1

- [51] **Int.Cl. E21B 34/02 (2006.01) F16K 3/02 (2006.01) F16K 27/04 (2006.01)**
[25] EN
[54] **GATE VALVE, METHOD FOR RETURNED DRILLING MUD PRESSURE CONTROL AND/OR WELL KILLING, AND USES OF A GATE VALVE**
[54] **ROBINET-VANNE, PROCEDE POUR REGULER LA PRESSION DE LA BOUE DE FORAGE DE RETOUR ET/OU TUER LE PUIT, ET UTILISATIONS DU ROBINET-VANNE**
[72] ROLLAND, NILS LENNART, NO
[73] STATOIL PETROLEUM AS, NO
[73] ROLLAND, NILS LENNART, ZZ
[85] 2012-11-29
[86] 2011-06-03 (PCT/EP2011/059202)
[87] (WO2011/151445)
[30] NO (20100799) 2010-06-03

[11] **2,801,343**

[13] A1

- [51] **Int.Cl. B01J 23/10 (2006.01) C07C 227/10 (2006.01) C07C 229/24 (2006.01)**
[25] EN
[54] **CATALYST RECOVERY PROCESS**
[54] **PROCESSUS DE RECUPERATION DE CATALYSEUR**
[72] AKSELA, REIJO, FI
[72] RISSANEN, JUSSI, FI
[73] KEMIRA OYJ, FI
[73] AKSELA, REIJO, ZZ
[73] RISSANEN, JUSSI, ZZ
[85] 2012-11-30
[86] 2011-05-31 (PCT/FI2011/050506)
[87] (WO2011/151519)
[30] FI (20105620) 2010-06-02

[11] **2,801,626**

[13] A1

- [51] **Int.Cl. B64F 1/00 (2006.01)**
[25] EN
[54] **VEHICLE FOR TOWING AN AIRPLANE**
[54] **VEHICULE POUR REMORQUER UN AVION**
[72] LEVY, RAPHAEL E., IL
[72] BRAIER, RAN, IL
[72] PERRY, ARIE, IL
[73] ISRAEL AEROSPACE INDUSTRIES LTD., IL
[73] LEVY, RAPHAEL E., ZZ
[73] BRAIER, RAN, ZZ
[73] PERRY, ARIE, ZZ
[85] 2012-12-04
[86] 2011-06-09 (PCT/IL2011/000457)
[87] (WO2011/154952)
[30] IL (206262) 2010-06-09

**Canadian Patents Issued
October 24, 2017**

[11] **2,801,970**
[13] A1

[51] **Int.Cl. C04B 35/622 (2006.01) C04B 35/624 (2006.01) C04B 35/626 (2006.01) C08G 77/02 (2006.01) C08L 77/02 (2006.01) C08L 83/02 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING A SILICA SOL MATERIAL**

[54] **PROCEDE DE PRODUCTION D'UNE SUBSTANCE A BASE DE SOL DE SILICE**

[72] BARTH, EKKEHARD, DE
[72] BACHMANN, ROLF, DE
[72] BRAUN, ARNE, DE
[72] HEINEMANN, MAREN, DE
[72] SCHMIDT, SEBASTIAN, DE
[73] BARTH, EKKEHARD, ZZ
[73] BACHMANN, ROLF, ZZ
[73] BRAUN, ARNE, ZZ
[73] HEINEMANN, MAREN, ZZ
[73] SCHMIDT, SEBASTIAN, ZZ
[73] JIANGSU SYNECOUN MEDICAL TECHNOLOGY CO., LTD., CN

[85] 2012-12-07
[86] 2011-06-06 (PCT/EP2011/059302)
[87] (WO2011/154361)
[30] DE (102010023336.6) 2010-06-10

[11] **2,802,483**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/5377 (2006.01) A61P 9/00 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **CRYSTAL OF AMIDE COMPOUND**

[54] **CRISTAL DE COMPOSE AMIDE**

[72] KITAYAMA, MASATO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[73] KITAYAMA, MASATO, ZZ

[85] 2012-12-12
[86] 2011-06-15 (PCT/JP2011/063735)
[87] (WO2011/158880)
[30] JP (2010-137194) 2010-06-16

[11] **2,803,323**
[13] A1

[51] **Int.Cl. F24H 9/20 (2006.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01)**

[25] EN

[54] **SMART ENERGY CONTROLLED WATER HEATER**

[54] **CHAUFFE-EAU A COMMANDE D'ENERGIE INTELLIGENT**

[72] BUESCHER, THOMAS P., US
[72] FREDRICKS, THOMAS J., US
[72] SIRAVURI, RISHI, US
[72] MIU, RICHARD, US
[72] BRAZIS, LAWRENCE J., US
[72] WELCH, RICHARD E., US
[73] EMERSON ELECTRIC CO., US
[73] BUESCHER, THOMAS P., ZZ
[73] FREDRICKS, THOMAS J., ZZ
[73] SIRAVURI, RISHI, ZZ
[73] MIU, RICHARD, ZZ
[73] BRAZIS, LAWRENCE J., ZZ
[73] WELCH, RICHARD E., ZZ

[86] (2803323)
[87] (2803323)
[22] 2013-01-23
[30] US (13/356,779) 2012-01-24
[30] US (61/657,375) 2012-06-08

[11] **2,803,571**
[13] A1

[51] **Int.Cl. C12N 15/00 (2006.01) C12N 5/09 (2010.01) A01K 67/027 (2006.01) C12N 15/09 (2006.01) C12Q 1/02 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING TUMOR CELLS FROM NORMAL MAMMARY EPITHELIAL CELLS**

[54] **PROCEDE DE PRODUCTION DE CELLULES TUMORALES A PARTIR DE CELLULES EPITHELIALES MAMMAIRES NORMALES**

[72] AKAGI, TSUYOSHI, JP
[72] SUKEZANE, TAIKO, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[73] AKAGI, TSUYOSHI, ZZ
[73] SUKEZANE, TAIKO, ZZ

[85] 2012-12-20
[86] 2011-07-07 (PCT/JP2011/066029)
[87] (WO2012/005383)
[30] JP (2010-154744) 2010-07-07

[11] **2,803,947**
[13] A1

[51] **Int.Cl. B65B 43/46 (2006.01) B65B 43/42 (2006.01)**

[25] EN

[54] **FULLY AUTOMATED BAG PREPARING SYSTEM FOR VARIOUS TYPES OF BAGS**

[54] **SYSTEME DE PREPARATION DE SAC AUTOMATISEE POUR DIVERS TYPES DE SACS**

[72] ALBERT, ANDRE, CA
[72] SANTERRE, STEEVE, CA
[73] PREMIER TECH TECHNOLOGIES LTEE, CA
[73] ALBERT, ANDRE, CA
[73] SANTERRE, STEEVE, CA

[85] 2013-01-29
[86] 2012-09-24 (PCT/CA2012/050669)
[87] (WO2013/040717)
[30] US (61/538,338) 2011-09-23

[11] **2,805,043**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/47 (2006.01) A61K 31/4704 (2006.01) A61P 31/12 (2006.01) C07D 403/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 491/10 (2006.01)**

[25] EN

[54] **HETERO-BICYCLIC DERIVATIVES AS HCV INHIBITORS**

[54] **DERIVES HETERO-BICYCLIQUES EN TANT QU'INHIBITEURS DU VHC**

[72] VANDYCK, KOEN, BE
[72] VERSCHUEREN, WIM GASTON, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[73] VANDYCK, KOEN, ZZ
[73] VERSCHUEREN, WIM GASTON, ZZ
[73] RABOISSON, PIERRE JEAN-MARIE BERNARD, ZZ
[73] JANSSEN SCIENCES IRELAND UC, IE

[85] 2013-01-10
[86] 2011-07-26 (PCT/EP2011/062774)
[87] (WO2012/013643)
[30] EP (10170763.6) 2010-07-26
[30] EP (10196715.6) 2010-12-23
[30] EP (11160697.6) 2011-03-31

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,805,508**
[13] A1

[51] **Int.Cl. B65D 19/00 (2006.01)**
[25] EN
[54] **PALLET THAT CAN BE ASSEMBLED WITH SLIDING BOARDS AND A LOCKING SPINE MEMBER**
[54] **PALETTE A ASSEMBLER PRESENTANT DES PLANCHES COULISSANTES ET UN ELEMENT SUPPORT DE BLOCAGE**
[72] LOW, ENG CHOON, CN
[73] ECO-BLOCK INTERNATIONAL LIMITED, CN
[73] LOW, ENG CHOON, ZZ
[85] 2013-01-15
[86] 2009-07-15 (PCT/EP2009/059094)
[87] (WO2011/006539)

[11] **2,805,846**
[13] A1

[51] **Int.Cl. B01J 8/04 (2006.01) B01J 19/26 (2006.01) C10G 49/00 (2006.01)**
[25] EN
[54] **MULTIPHASE CONTACT AND DISTRIBUTION APPARATUS FOR HYDROPROCESSING**
[54] **APPAREIL DE CONTACT ET DE DISTRIBUTION MULTIPHASE POUR HYDROTRAITEMENT**
[72] KILLEN, RALPH E., US
[72] BOYAK, CRAIG, US
[72] SONG, STEVEN X., US
[72] KEMOUN, ABDENOUR, US
[72] SOUERS, STEVE, US
[72] PARIMI, KRISHNIAH, US
[72] AKIN, ZACKORY, US
[73] CHEVRON U.S.A. INC., US
[73] KILLEN, RALPH E., ZZ
[73] BOYAK, CRAIG, ZZ
[73] SONG, STEVEN X., ZZ
[73] KEMOUN, ABDENOUR, ZZ
[73] SOUERS, STEVE, ZZ
[73] PARIMI, KRISHNIAH, ZZ
[73] AKIN, ZACKORY, ZZ
[85] 2013-01-17
[86] 2011-04-20 (PCT/US2011/033285)
[87] (WO2012/011990)
[30] US (12/839,222) 2010-07-19

[11] **2,806,275**
[13] A1

[51] **Int.Cl. B64F 5/10 (2017.01) B25B 27/00 (2006.01) B64C 11/30 (2006.01) B64C 27/59 (2006.01) F16C 7/06 (2006.01)**
[25] EN
[54] **PITCH LINK ALIGNMENT TOOL**
[54] **OUTIL D'ALIGNEMENT DE BIELLETES DE COMMANDE PAS**
[72] PRZANO, DOMINIC, US
[72] LATHAM, GEOFFREY, US
[72] WERNER, AMANDA, US
[73] BELL HELICOPTER TEXTRON INC., US
[73] PRZANO, DOMINIC, ZZ
[73] LATHAM, GEOFFREY, ZZ
[73] WERNER, AMANDA, ZZ
[86] (2806275)
[87] (2806275)
[22] 2013-02-15
[30] US (13/400,522) 2012-02-20

[11] **2,806,910**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTED DEVICES**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS INTERCONNECTES**
[72] JOHANSSON, KARL-ANDERS REINHOLD, SE
[72] GAERDENFORS, DAN ZACHARIAS, SE
[72] ADEMAR, LEIF FREDRIK, SE
[73] JOHANSSON, KARL-ANDERS REINHOLD, ZZ
[73] GAERDENFORS, DAN ZACHARIAS, ZZ
[73] ADEMAR, LEIF FREDRIK, ZZ
[73] BLACKBERRY LIMITED, CA
[86] (2806910)
[87] (2806910)
[22] 2013-02-21
[30] EP (12157015.4) 2012-02-24

[11] **2,807,502**
[13] A1

[51] **Int.Cl. F02C 6/16 (2006.01) F01K 27/00 (2006.01) F02C 6/14 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **ADIABATIC COMPRESSED AIR ENERGY STORAGE PROCESS**
[54] **PROCEDE DE STOCKAGE D'ENERGIE A AIR COMPRIME ADIABATIQUE**
[72] KIDD, H. ALLAN, US
[72] MILLER, HARRY F., US
[73] DRESSER-RAND COMPANY, US
[73] KIDD, H. ALLAN, ZZ
[73] MILLER, HARRY F., ZZ
[85] 2013-02-04
[86] 2011-07-26 (PCT/US2011/045275)
[87] (WO2012/021285)
[30] US (61/372,252) 2010-08-10
[30] US (13/050,781) 2011-03-17

[11] **2,807,788**
[13] A1

[51] **Int.Cl. H04M 1/56 (2006.01) H04W 4/16 (2009.01) H04W 84/16 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO TELEPHONE NUMBER DISPLAY FORMATTING**
[54] **PROCEDE ET APPAREIL CONCERNANT LE FORMATAGE D'AFFICHAGE DES NUMEROS DE TELEPHONE**
[72] FIELDS, GREGORY JASON, CA
[72] KUCKELMAN, JEFFREY ALAN, US
[73] FIELDS, GREGORY JASON, CA
[73] KUCKELMAN, JEFFREY ALAN, ZZ
[73] BLACKBERRY LIMITED, CA
[86] (2807788)
[87] (2807788)
[22] 2013-02-27
[30] US (13/405,848) 2012-02-27

**Canadian Patents Issued
October 24, 2017**

[11] **2,808,480**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL SET OF INSTRUMENTS FOR PRECISION CUTTING**
[54] **SERIE D'INSTRUMENTS CHIRURGICAUX POUR DECOUPE DE PRECISION**
[72] DINIS CARMO, JOSE, PT
[73] DINIS CARMO, JOSE, PT
[85] 2013-02-15
[86] 2010-12-10 (PCT/IB2010/055721)
[87] (WO2012/023006)
[30] PT (105255) 2010-08-18

[11] **2,809,090**
[13] A1

[51] **Int.Cl. A47K 10/22 (2006.01) A47K 10/38 (2006.01) B65H 16/10 (2006.01)**
[25] EN
[54] **SHEET PRODUCT DISPENSING UNIT AND A CARTRIDGE THEREFORE**
[54] **UNITE DE DISTRIBUTION DE PRODUIT EN FEUILLE ET CARTOUCHE ASSOCIEE**
[72] HOREL, BRIAN CHRISTOPHER, US
[72] GOEKING, HAROLD JOHN, US
[72] CASE, ABBY, US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[73] HOREL, BRIAN CHRISTOPHER, ZZ
[73] GOEKING, HAROLD JOHN, ZZ
[73] CASE, ABBY, ZZ
[85] 2013-02-21
[86] 2011-08-23 (PCT/US2011/048777)
[87] (WO2012/027346)
[30] US (61/376,055) 2010-08-23

[11] **2,809,235**
[13] A1

[51] **Int.Cl. A01D 34/84 (2006.01) A01D 34/71 (2006.01) A01D 57/26 (2006.01)**
[25] EN
[54] **CENTER REAR DISCHARGE DECK**
[54] **COFFRE DE DECHARGEMENT ARRIERE CENTRAL**
[72] FISER, JAKE, US
[72] CHAPMAN, SETH, US
[73] FISER, JAKE, ZZ
[73] CHAPMAN, SETH, ZZ
[73] HUSQVARNA AB, SE
[85] 2013-02-22
[86] 2010-08-31 (PCT/US2010/047235)
[87] (WO2012/030325)

[11] **2,809,489**
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/195 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **FOR IMPROVING HEALTH OF SUBJECTS WITH VILLOUS ATROPHY**
[54] **AMELIORATION DE LA SANTE DES SUJETS PRESENTANT UNE ATROPHIE DES VILLOSITES**
[72] VIDYASAGAR, SADASIVAN, US
[72] OKUNIEFF, PAUL, US
[72] ZHANG, LURONG, US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[73] VIDYASAGAR, SADASIVAN, ZZ
[73] OKUNIEFF, PAUL, ZZ
[73] ZHANG, LURONG, ZZ
[85] 2013-02-25
[86] 2011-09-26 (PCT/US2011/053265)
[87] (WO2012/040707)
[30] US (61/386,317) 2010-09-24
[30] US (61/431,629) 2011-01-11

[11] **2,809,626**
[13] A1

[51] **Int.Cl. F21V 33/00 (2006.01) A47G 33/08 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY**
[54] **STRUCTURE D'ECLAIRAGE TRIDIMENSIONNEL UTILISANT LA TECHNIQUE DE LA PHOTOACTIVITE**
[72] LOHNEIS, PAUL E., US
[73] LOHNEIS, PAUL E., US
[86] (2809626)
[87] (2809626)
[22] 2013-03-15
[30] US (13/421,916) 2012-03-16
[30] US (13/421,921) 2012-03-16

[11] **2,809,629**
[13] A1

[51] **Int.Cl. F21V 33/00 (2006.01) A47G 33/08 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY**
[54] **STRUCTURE D'ECLAIRAGE TRIDIMENSIONNEL UTILISANT LA TECHNIQUE DE LA PHOTOACTIVITE**
[72] LOHNEIS, PAUL E., US
[73] LOHNEIS, PAUL E., US
[86] (2809629)
[87] (2809629)
[22] 2013-03-15
[30] US (13/421,916) 2012-03-16
[30] US (13/421,921) 2012-03-16

[11] **2,809,868**
[13] A1

[51] **Int.Cl. A62B 18/02 (2006.01) A62B 7/10 (2006.01) A62B 18/08 (2006.01)**
[25] EN
[54] **PLEATED FILTERING FACE PIECE RESPIRATOR**
[54] **RESPIRATEUR A ELEMENT FACIAL FILTRANT PLISSE**
[72] MAGIDSON, MARK, US
[72] TURDJIAN, CREST, US
[73] MOLDEX-METRIC, INC., US
[73] MAGIDSON, MARK, ZZ
[73] TURDJIAN, CREST, ZZ
[85] 2013-02-27
[86] 2011-09-06 (PCT/US2011/050529)
[87] (WO2012/033749)
[30] US (12/807,662) 2010-09-09

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,810,066**
[13] A1

[51] **Int.Cl. H04W 4/26 (2009.01) H04W 8/18 (2009.01)**

[25] EN

[54] **WIRELESS NETWORK SERVICE INTERFACES**

[54] **INTERFACES DE SERVICE POUR RESEAUX SANS FIL**

[72] RALEIGH, GREGORY G., US

[72] RAISSINIA, ALIREZA, US

[72] LAVINE, JAMES, US

[73] RALEIGH, GREGORY G., ZZ

[73] RAISSINIA, ALIREZA, ZZ

[73] LAVINE, JAMES, ZZ

[73] HEADWATER RESEARCH LLC, US

[85] 2013-02-28

[86] 2011-09-09 (PCT/US2011/051093)

[87] (WO2012/034080)

[30] US (61/381,162) 2010-09-09

[11] **2,811,156**
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 8/24 (2009.01) H04W 60/00 (2009.01) H04W 60/06 (2009.01)**

[25] EN

[54] **SUBSCRIBER IDENTIFICATION MANAGEMENT BROKER FOR FIXED/MOBILE NETWORKS**

[54] **COURTIER DE GESTION D'IDENTIFIANT D'ABONNE POUR RESEAUX FIXES/MOBILES**

[72] TAGG, JAMES PETER, GB

[72] GUY, EDWARD THOMAS, III, US

[72] EVANS, TIMOTHY PAUL, GB

[72] SNIJDER, ROBERT, CH

[72] BORISOGLEBSKI, IGOR, PT

[72] CAMPBELL, ALISTAIR JAMES, GB

[72] SEQUEIRA, CLAUDIO MIGUEL CANARIO, PT

[73] TRUPHONE LIMITED, GB

[73] TAGG, JAMES PETER, ZZ

[73] GUY, EDWARD THOMAS, III, ZZ

[73] EVANS, TIMOTHY PAUL, ZZ

[73] SNIJDER, ROBERT, ZZ

[73] BORISOGLEBSKI, IGOR, ZZ

[73] CAMPBELL, ALISTAIR JAMES, ZZ

[73] SEQUEIRA, CLAUDIO MIGUEL CANARIO, ZZ

[85] 2013-03-12

[86] 2010-09-22 (PCT/GB2010/051591)

[87] (WO2011/036484)

[30] GB (0916582.0) 2009-09-22

[11] **2,812,676**
[13] A1

[51] **Int.Cl. A61L 15/40 (2006.01) A61L 15/64 (2006.01)**

[25] EN

[54] **MULTI-LAYER TISSUE SYSTEMS AND METHODS**

[54] **SYSTEMES TISSULAIRES MULTICOUCHES ET METHODES ASSOCIEES**

[72] SAMANIEGO, ADRIAN C., US

[72] WILKINS, ROSS M., US

[73] ALLOSOURCE, US

[73] SAMANIEGO, ADRIAN C., ZZ

[73] WILKINS, ROSS M., ZZ

[85] 2013-03-26

[86] 2011-08-12 (PCT/US2011/047518)

[87] (WO2012/044401)

[30] US (61/388,986) 2010-10-01

[30] US (13/186,661) 2011-07-20

[11] **2,812,798**
[13] A1

[51] **Int.Cl. B29C 45/27 (2006.01) B29C 45/18 (2006.01)**

[25] EN

[54] **MOLD-TOOL SYSTEM HAVING MELT SPLITTING DEVICE INCLUDING UNINTERRUPTED MELT CHANNELS EXTENDING FROM INLET AND OUTLETS**

[54] **SYSTEME MOULE-OUTIL COMPORTANT UN DISPOSITIF DE DIVISION DE COULEE COMPRENANT DES CANAUX DE COULEE CONTINUE S'ETENDANT DE L'ENTREE AUX SORTIES**

[72] BELZILE, MANON DANIELLE, US

[72] MACLEOD, DARRIN, US

[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA

[73] BELZILE, MANON DANIELLE, ZZ

[73] MACLEOD, DARRIN, ZZ

[85] 2013-03-26

[86] 2011-10-12 (PCT/US2011/055859)

[87] (WO2012/051228)

[30] US (61/392,502) 2010-10-13

[30] US (12/913,800) 2010-10-28

[11] **2,813,211**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) B01L 3/00 (2006.01) C12M 3/00 (2006.01) C12N 5/00 (2006.01) G01N 35/00 (2006.01) G03F 7/00 (2006.01)**

[25] EN

[54] **DEVICE FOR HIGH THROUGHPUT INVESTIGATIONS OF CELLULAR INTERACTIONS**

[54] **DISPOSITIF D'ANALYSE A HAUT DEBIT D'INTERACTIONS CELLULAIRES**

[72] KAMM, ROGER DALE, US

[72] ASADA, HARUHIKO HARRY, US

[72] FARAHAT, WALEED AHMED, US

[72] ZERVANTONAKIS, IOANNIS K., US

[72] WOOD, LEVI B., US

[72] PARK, YOUNG KUM, SG

[72] KOTHAPALLI, CHANDRASEKHAR, US

[72] CHUNG, SEOK, KR

[72] MACKLIS, JEFFREY, US

[72] THARIN, SUZANNE, US

[72] VARNER, JOHANNA, US

[72] LEE, KWANG HO, US

[72] NGUYEN, LE THANH TU, CH

[72] KIM, CHOONG, US

[73] KAMM, ROGER DALE, ZZ

[73] ASADA, HARUHIKO HARRY, ZZ

[73] FARAHAT, WALEED AHMED, ZZ

[73] ZERVANTONAKIS, IOANNIS K., ZZ

[73] WOOD, LEVI B., ZZ

[73] PARK, YOUNG KUM, ZZ

[73] KOTHAPALLI, CHANDRASEKHAR, ZZ

[73] CHUNG, SEOK, ZZ

[73] MACKLIS, JEFFREY, ZZ

[73] THARIN, SUZANNE, ZZ

[73] VARNER, JOHANNA, ZZ

[73] LEE, KWANG HO, ZZ

[73] NGUYEN, LE THANH TU, ZZ

[73] KIM, CHOONG, ZZ

[73] CHILDREN'S MEDICAL CENTER, CORP., US

[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC, US

[73] THE GENERAL HOSPITAL CORPORATION, US

[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[85] 2013-03-28

[86] 2011-09-29 (PCT/US2011/054029)

[87] (WO2012/050981)

[30] US (61/387,674) 2010-09-29

[30] US (61/394,624) 2010-10-19

Canadian Patents Issued
October 24, 2017

[11] **2,814,363**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **EVENT-TRIGGERED DYNAMIC LANDMARK CREATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CREATION DE POINTS DE REPERE DYNAMIQUES DECLENCHES PAR UN EVENEMENT**
[72] SAEEDI, FARA, CA
[72] JEBARA, RAMI ABU, CA
[72] VENN, SCOTT, CA
[73] WEBTECH WIRELESS INC., CA
[73] SAEEDI, FARA, CA
[73] JEBARA, RAMI ABU, CA
[73] VENN, SCOTT, CA
[86] (2814363)
[87] (2814363)
[22] 2013-04-29
[30] US (13/480,398) 2012-05-24

[11] **2,814,385**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/15 (2006.01) G01N 33/68 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **BIOMARKER FOR ALZHEIMER'S DISEASE OR MILD COGNITIVE IMPAIRMENT**
[54] **BIOMARQUEUR DE LA MALADIE D'ALZHEIMER OU D'UN TROUBLE COGNITIF LEGER**
[72] SATO, YOSHIKI, JP
[72] AOSHIMA, KEN, JP
[72] BERNIER, FRANCOIS, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[73] SATO, YOSHIKI, ZZ
[73] AOSHIMA, KEN, ZZ
[73] BERNIER, FRANCOIS, ZZ
[85] 2013-04-10
[86] 2011-06-23 (PCT/JP2011/064487)
[87] (WO2012/053255)
[30] JP (2010-235203) 2010-10-20
[30] US (61/424885) 2010-12-20
[30] JP (2010-282938) 2010-12-20

[11] **2,814,939**
[13] A1
[51] **Int.Cl. G01N 29/24 (2006.01)**
[25] EN
[54] **ULTRASONIC FLAW DETECTING APPARATUS, ULTRASONIC TRANSDUCER, AND ULTRASONIC FLAW DETECTING METHOD**
[54] **DISPOSITIF DE DETECTION DE DEFAUTS PAR ULTRASONS, TRANSDUCTEUR ULTRASONIQUE ET PROCEDE DE DETECTION DE DEFAUTS PAR ULTRASONS**
[72] INAGAKI, KOICHI, JP
[72] IZUMI, MAMORU, JP
[72] KARASAWA, HIROKAZU, JP
[73] IHI CORPORATION, JP
[73] INAGAKI, KOICHI, ZZ
[73] IZUMI, MAMORU, ZZ
[73] KARASAWA, HIROKAZU, ZZ
[85] 2013-04-16
[86] 2011-10-21 (PCT/JP2011/074303)
[87] (WO2012/053639)
[30] JP (2010-237649) 2010-10-22

[11] **2,815,400**
[13] A1
[51] **Int.Cl. G01N 33/14 (2006.01) C12G 1/04 (2006.01)**
[25] EN
[54] **DETERMINATION OF SULPHUR DIOXIDE IN A LIQUID**
[54] **DOSAGE DU DIOXYDE DE SOUFRE DANS UN LIQUIDE**
[72] THOMSEN, HENRIK, DK
[73] FOSS ANALYTICAL A/S, DK
[73] THOMSEN, HENRIK, ZZ
[85] 2013-04-22
[86] 2010-11-30 (PCT/EP2010/068483)
[87] (WO2012/072106)

[11] **2,815,752**
[13] A1
[51] **Int.Cl. C02F 3/02 (2006.01) C02F 3/06 (2006.01)**
[25] EN
[54] **BIOLOGICAL TREATMENT OF WATER AND WASTEWATER**
[54] **TRAITEMENT BIOLOGIQUE DE L'EAU ET DES EAUX USEES**
[72] ZVERINA, MILAN, CA
[73] ZVERINA, MILAN, CA
[86] (2815752)
[87] (2815752)
[22] 2013-05-14

[11] **2,816,434**
[13] A1
[51] **Int.Cl. G11B 27/00 (2006.01) G11B 20/10 (2006.01) H04N 5/85 (2006.01) H04N 5/92 (2006.01) H04N 13/00 (2006.01)**
[25] EN
[54] **RECORDING MEDIUM, PLAYBACK DEVICE, RECORDING DEVICE, PLAYBACK METHOD AND RECORDING METHOD FOR EDITING RECORDED CONTENT WHILE MAINTAINING COMPATIBILITY WITH OLD FORMAT**
[54] **SUPPORT D'ENREGISTREMENT, DISPOSITIF DE LECTURE, DISPOSITIF D'ENREGISTREMENT, PROCEDE DE LECTURE ET PROCEDE D'ENREGISTREMENT QUI PERMETTENT D'EDITER UN CONTENU ENREGISTRE TOUT ENCONSERVANT LA COMPATIBILITE AVEC UN ANCIEN FORMAT**
[72] MOCHINAGA, KAZUHIRO, JP
[72] OGAWA, TOMOKI, JP
[72] YAHATA, HIROSHI, JP
[73] PANASONIC CORPORATION, JP
[73] MOCHINAGA, KAZUHIRO, ZZ
[73] OGAWA, TOMOKI, ZZ
[73] YAHATA, HIROSHI, ZZ
[85] 2013-04-29
[86] 2012-10-05 (PCT/JP2012/006444)
[87] (WO2013/061523)
[30] US (61/552,929) 2011-10-28

[11] **2,816,538**
[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/745 (2015.01) A61J 3/07 (2006.01) A61K 9/48 (2006.01) A61P 3/12 (2006.01)**
[25] EN
[54] **PROBIOTIC SOFT GEL COMPOSITIONS**
[54] **COMPOSITIONS DE GEL MOU A BASE DE PROBIOTIQUE**
[72] XIE, XUEJU, CA
[72] KO, JASON, CA
[73] VIVA PHARMACEUTICAL INC., CA
[73] XIE, XUEJU, CA
[73] KO, JASON, CA
[85] 2013-04-30
[86] 2011-11-01 (PCT/CA2011/001218)
[87] (WO2012/097429)
[30] US (61/409,046) 2010-11-01
[30] US (12/962,556) 2010-12-07

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,816,632**

[13] A1

- [51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER**
[54] **INHALATEUR**
[72] MELINIOTIS, ANDREAS, GB
[72] EASON, STEPHEN, GB
[72] CLARKE, ROGER, GB
[72] MCGUINNESS, LIAM, GB
[73] VECTURA DELIVERY DEVICES LIMITED, GB
[73] MELINIOTIS, ANDREAS, ZZ
[73] EASON, STEPHEN, ZZ
[73] CLARKE, ROGER, ZZ
[73] MCGUINNESS, LIAM, ZZ
[85] 2013-05-01
[86] 2011-11-25 (PCT/GB2011/052338)
[87] (WO2012/069854)
[30] GB (1020130.9) 2010-11-26
[30] GB (1109493.5) 2011-06-07
[30] GB (1115000.0) 2011-08-31

[11] **2,816,797**

[13] A1

- [51] **Int.Cl. C01B 25/26 (2006.01) A61K 9/14 (2006.01) A61K 41/00 (2006.01) A61K 49/08 (2006.01) A61K 51/02 (2006.01) A61P 35/00 (2006.01) B01J 2/00 (2006.01) B22F 9/16 (2006.01)**
[25] EN
[54] **MICROSPHERE COMPRISING A LANTHANIDE METAL COMPLEX**
[54] **MICROSPHERE COMPRENANT UN COMPLEXE DE METAL DES LANTHANIDES**
[72] BULT, WOUTER, NL
[72] NIJSEN, JOHANNES FRANCISCUS WILHELMUS, NL
[72] VAN HET SCHIP, ALFRED DIRK, NL
[73] UMC UTRECHT HOLDING B.V., NL
[73] BULT, WOUTER, ZZ
[73] NIJSEN, JOHANNES FRANCISCUS WILHELMUS, ZZ
[73] VAN HET SCHIP, ALFRED DIRK, ZZ
[85] 2013-05-02
[86] 2011-11-04 (PCT/NL2011/050754)
[87] (WO2012/060707)
[30] EP (10190254.2) 2010-11-05

[11] **2,816,841**

[13] A1

- [51] **Int.Cl. A62B 18/08 (2006.01) A62B 25/00 (2006.01)**
[25] EN
[54] **A RESPIRATORY EQUIPMENT FOR AIRCRAFT WITH AN INFLATABLE HARNESS**
[54] **EQUIPEMENT RESPIRATOIRE POUR AVION AVEC HARNAIS GONFLABLE**
[72] GREDAT, SIMON, FR
[72] GROSPRETRE, PATRICK, FR
[72] SCHMIDT, GUILLAUME, FR
[73] GREDAT, SIMON, ZZ
[73] GROSPRETRE, PATRICK, ZZ
[73] SCHMIDT, GUILLAUME, ZZ
[73] ZODIAC AEROTECHNICS, FR
[85] 2013-05-02
[86] 2011-06-22 (PCT/IB2011/001768)
[87] (WO2012/066394)
[30] US (61/413,531) 2010-11-15

[11] **2,816,936**

[13] A1

- [51] **Int.Cl. A47K 3/00 (2006.01) B29C 70/78 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A BATHING VESSEL**
[54] **PROCEDE DE FABRICATION D'UNE BAIGNOIRE**
[72] GEELS, MICHAEL GLENN, US
[73] GEELS, MICHAEL GLENN, ZZ
[73] DELTA FAUCET COMPANY, US
[85] 2013-05-03
[86] 2011-09-02 (PCT/US2011/050352)
[87] (WO2012/067696)
[30] US (61/413,575) 2010-11-15

[11] **2,818,175**

[13] A1

- [51] **Int.Cl. A23L 33/21 (2016.01) A23L 5/30 (2016.01) A23L 19/00 (2016.01) A23L 29/231 (2016.01) A23L 29/262 (2016.01) A23L 2/52 (2006.01) C07H 3/06 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **FIBER OBTAINED FROM FRUIT OR VEGETABLE BYPRODUCTS**
[54] **FIBRE OBTENUE A PARTIR DE SOUS-PRODUITS DE FRUIT OU DE LEGUME**
[72] PAESCHKE, TERESA, US
[72] KOZMAN, AUSTIN, US
[72] RIVERA, TEODORO, US
[72] HITCHCOCK, BRYAN, US
[73] TROPICANA PRODUCTS, INC., US
[73] PAESCHKE, TERESA, ZZ
[73] KOZMAN, AUSTIN, ZZ
[73] RIVERA, TEODORO, ZZ
[73] HITCHCOCK, BRYAN, ZZ
[85] 2013-05-15
[86] 2011-11-29 (PCT/US2011/062303)
[87] (WO2012/074959)
[30] US (61/418,235) 2010-11-30

[11] **2,820,219**

[13] A1

- [51] **Int.Cl. A47C 27/06 (2006.01) A47C 23/04 (2006.01) A47C 23/30 (2006.01) A47C 27/20 (2006.01)**
[25] EN
[54] **MATTRESS INNERSPRING INSERTS AND SUPPORTS**
[54] **INSERTS ET SUPPORTS POUR RESSORTS DE MATELAS**
[72] MORET, DAVID M., US
[72] DEMOSS, LARRY K., US
[72] MANUSZAK, BRIAN M., US
[72] BEAMON, JAMES A., US
[73] SEALY TECHNOLOGY LLC, US
[73] MORET, DAVID M., ZZ
[73] DEMOSS, LARRY K., ZZ
[73] MANUSZAK, BRIAN M., ZZ
[73] BEAMON, JAMES A., ZZ
[85] 2013-06-05
[86] 2011-11-29 (PCT/US2011/062329)
[87] (WO2012/078398)
[30] US (13/005,723) 2011-01-13
[30] US (12/960,735) 2010-12-06

**Canadian Patents Issued
October 24, 2017**

[11] **2,820,405**
[13] A1

[51] **Int.Cl. A61F 2/90 (2013.01)**
[25] EN
[54] **REMOVABLE STENT AND METHOD OF PRODUCTION**
[54] **STENT AMOVIBLE ET PROCEDE DE FABRICATION**
[72] LUNDH, TORBJORN, SE
[72] MATTSSON, ERNEY, SE
[73] GRAFTCRAFT I GOTEBOG AB, SE
[73] LUNDH, TORBJORN, ZZ
[73] MATTSSON, ERNEY, ZZ
[85] 2013-06-06
[86] 2010-12-20 (PCT/EP2010/070309)
[87] (WO2012/084007)

[11] **2,820,683**
[13] A1

[51] **Int.Cl. A47L 15/42 (2006.01)**
[25] EN
[54] **A DISHWASHER COMPRISING A STORAGE TANK**
[54] **LAVE-VAISSELLE COMPRENANT UN RESERVOIR DE STOCKAGE**
[72] ARAS, NASIR EFE, TR
[72] ATABEY, ORHAN, TR
[73] ARCELIK ANONIM SIRKETI, TR
[73] ARAS, NASIR EFE, ZZ
[73] ATABEY, ORHAN, ZZ
[85] 2013-05-30
[86] 2011-12-06 (PCT/EP2011/071910)
[87] (WO2012/084492)
[30] TR (a 2010/10883) 2010-12-24

[11] **2,820,860**
[13] A1

[51] **Int.Cl. F42D 1/05 (2006.01) F42B 3/18 (2006.01) F42C 19/12 (2006.01)**
[25] EN
[54] **DETONATION OF EXPLOSIVES**
[54] **DETONATION D'EXPLOSIFS**
[72] MULLER, ELMAR, ZA
[72] HALLIDAY, PIETER STEPHANUS JACOBUS, ZA
[72] MORGAN, CLIFFORD GORDON, ZA
[72] DASTOOR, PAUL, AU
[72] BELCHER, WARWICK, AU
[72] ZHOU, XIAOJING, AU
[72] BRYANT, GLENN, AU
[73] AEL MINING SERVICES LIMITED, ZA
[73] MULLER, ELMAR, ZZ
[73] HALLIDAY, PIETER STEPHANUS JACOBUS, ZZ
[73] MORGAN, CLIFFORD GORDON, ZZ
[73] DASTOOR, PAUL, ZZ
[73] BELCHER, WARWICK, ZZ
[73] ZHOU, XIAOJING, ZZ
[73] BRYANT, GLENN, ZZ
[85] 2013-06-07
[86] 2011-12-09 (PCT/IB2011/055573)
[87] (WO2012/077082)
[30] ZA (2010/08925) 2010-12-10
[30] ZA (2010/08926) 2010-12-10
[30] ZA (2010/08927) 2010-12-10
[30] ZA (2011/01370) 2011-02-21

[11] **2,821,423**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/76 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE DELIVERY SYSTEMS AND PACKAGING**
[54] **SYSTEMES DE POSE ET CONDITIONNEMENT DE VALVULES CARDIAQUES PROTHETIQUES**
[72] GAUTAM, ABHISHEK, US
[72] WRIGHT, GREGORY A., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[73] GAUTAM, ABHISHEK, ZZ
[73] WRIGHT, GREGORY A., ZZ
[85] 2013-06-12
[86] 2011-12-15 (PCT/US2011/065073)
[87] (WO2012/082986)
[30] US (61/423,785) 2010-12-16
[30] US (13/324,124) 2011-12-13

[11] **2,821,470**
[13] A1

[51] **Int.Cl. B05B 1/34 (2006.01) B64C 21/04 (2006.01)**
[25] EN
[54] **EXTERNALLY DRIVEN FLOW CONTROL ACTUATOR**
[54] **ACTIONNEUR DE REGULATION DE DEBIT A COMMANDE EXTERNE**
[72] RAGHU, SURYA, US
[73] THE BOEING COMPANY, US
[73] RAGHU, SURYA, ZZ
[86] (2821470)
[87] (2821470)
[22] 2013-07-18
[30] US (US 13/652891) 2012-10-16

[11] **2,822,024**
[13] A1

[51] **Int.Cl. A61K 31/728 (2006.01) A61K 38/18 (2006.01) A61K 38/39 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **USE OF HYALURONAN FOR PROMOTING ANGIOGENESIS**
[54] **UTILISATION DE HYALURONANE POUR STIMULER L'ANGIOGENESE**
[72] HUANG, LYNN L. H., TW
[73] HUANG, LYNN L. H., ZZ
[73] NATIONAL CHENG KUNG UNIVERSITY, TW
[85] 2013-04-05
[86] 2011-10-07 (PCT/US2011/055288)
[87] (WO2012/048214)
[30] US (61/390,789) 2010-10-07

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,822,342**
[13] A1

[51] **Int.Cl. A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61K 8/86 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITIONS**

[54] **COMPOSITIONS D'HYGIENE BUCCALE**

[72] CHOPRA, SUMAN, US

[72] MANDADI, PRAKASARAO, US

[72] PORTER, VENDA, US

[72] ONTUMI, DENNIS, US

[73] COLGATE-PALMOLIVE COMPANY, US

[73] CHOPRA, SUMAN, ZZ

[73] MANDADI, PRAKASARAO, ZZ

[73] PORTER, VENDA, ZZ

[73] ONTUMI, DENNIS, ZZ

[85] 2013-06-19

[86] 2011-06-02 (PCT/US2011/038874)

[87] (WO2012/102750)

[30] US (PCT/US2010/061711) 2010-12-22

[11] **2,822,509**
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01)**

[25] EN

[54] **HANDHELD MEDICAL DIAGNOSTIC DEVICES WITH SAMPLE TRANSFER**

[54] **DISPOSITIFS MANUELS POUR UN DIAGNOSTIC MEDICAL AVEC TRANSFERT D'ECHANTILLONS**

[72] ROE, STEVEN N., US

[72] LIST, HANS, DE

[73] F. HOFFMANN-LA ROCHE AG, CH

[73] ROE, STEVEN N., ZZ

[73] LIST, HANS, ZZ

[85] 2013-06-20

[86] 2011-12-15 (PCT/EP2011/072893)

[87] (WO2012/089524)

[30] US (12/981,781) 2010-12-30

[11] **2,822,932**
[13] A1

[51] **Int.Cl. B01D 63/06 (2006.01)**

[25] FR

[54] **NOVEL SHAPE OF FILTERING ELEMENTS**

[54] **NOUVELLE GEOMETRIE D'ELEMENTS DE FILTRATION**

[72] LESCOCHE, PHILIPPE, FR

[73] TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES, FR

[73] LESCOCHE, PHILIPPE, ZZ

[85] 2013-06-25

[86] 2012-01-12 (PCT/FR2012/050078)

[87] (WO2012/095611)

[30] FR (1150277) 2011-01-13

[11] **2,823,111**
[13] A1

[51] **Int.Cl. B60D 1/01 (2006.01) B60D 1/58 (2006.01)**

[25] EN

[54] **FIFTH WHEEL**

[54] **SELLETTE D'ATTELAGE**

[72] STRUTT, ACHIM, DE

[73] JOST-WERKE GMBH, DE

[73] STRUTT, ACHIM, ZZ

[86] (2823111)

[87] (2823111)

[22] 2013-08-08

[30] DE (10 2012 214 413.7) 2012-08-14

[11] **2,824,416**
[13] A1

[51] **Int.Cl. G01D 21/00 (2006.01) B64D 43/00 (2006.01) G01M 17/00 (2006.01) G01N 15/00 (2006.01) G01N 17/04 (2006.01) G01N 37/00 (2006.01) G07C 5/08 (2006.01)**

[25] EN

[54] **AIRCRAFT ENVIRONMENTAL SENSORS AND SYSTEM**

[54] **CAPTEURS ENVIRONNEMENTAUX POUR AERONEF ET SYSTEME**

[72] PLOWMAN, LARRY A., US

[72] COVINGTON, CHARLES ERIC, US

[72] TUCKER, BRIAN E., US

[73] BELL HELICOPTER TEXTRON INC., US

[73] PLOWMAN, LARRY A., ZZ

[73] COVINGTON, CHARLES ERIC, ZZ

[73] TUCKER, BRIAN E., ZZ

[86] (2824416)

[87] (2824416)

[22] 2013-08-19

[30] US (13/591,036) 2012-08-21

[11] **2,824,722**
[13] A1

[51] **Int.Cl. A62B 9/02 (2006.01) A62B 7/14 (2006.01)**

[25] EN

[54] **AIRCRAFT DEMAND REGULATOR AND DILUTION REGULATION METHOD**

[54] **PULMOCOMMANDE D'AERONEF ET METHODE DE REGULATION DE DILUTION**

[72] FROMAGE, MATTHIEU, FR

[73] FROMAGE, MATTHIEU, ZZ

[73] ZODIAC AEROTECHNICS, FR

[85] 2013-07-12

[86] 2011-02-21 (PCT/IB2011/000772)

[87] (WO2012/114145)

[11] **2,824,909**
[13] A1

[51] **Int.Cl. E05C 5/00 (2006.01)**

[25] EN

[54] **FLUSH LOCK FOR CASEMENT WINDOW**

[54] **VERROU PROFILE POUR FENETRE A BATTANT**

[72] MINTER, PETER J., US

[72] RUSPIL, MATHEW D., US

[73] INTERLOCK USA, INC., US

[73] MINTER, PETER J., ZZ

[73] RUSPIL, MATHEW D., ZZ

[86] (2824909)

[87] (2824909)

[22] 2013-08-28

[30] US (13/610,789) 2012-09-11

[11] **2,825,980**
[13] A1

[51] **Int.Cl. A61K 35/745 (2015.01) A23L 33/135 (2016.01) A61P 1/00 (2006.01) C12N 1/20 (2006.01)**

[25] EN

[54] **BIFIDOBACTERIUM BIFIDUM STRAINS FOR APPLICATION IN GASTROINTESTINAL DISEASES**

[54] **SOUCHES DE BIFIDOBACTERIUM BIFIDUM POUR APPLICATION DANS DES MALADIES GASTRO-INTESTINALES**

[72] GUGLIELMETTI, SIMONE, IT

[72] MORA, DIEGO, IT

[73] GUGLIELMETTI, SIMONE, ZZ

[73] MORA, DIEGO, ZZ

[73] SYNFORMULAS GMBH, DE

[85] 2013-07-30

[86] 2012-01-27 (PCT/EP2012/051369)

[87] (WO2012/104226)

[30] EP (11000744.0) 2011-01-31

**Canadian Patents Issued
October 24, 2017**

[11] **2,826,246**
[13] A1

[51] **Int.Cl. A61H 33/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCED PERSONAL HYGIENE**
[54] **APPAREIL ET PROCÉDE POUR UNE HYGIÈNE PERSONNELLE AMÉLIORÉE**
[72] SMITH, KEVIN L., US
[73] SMITH, KEVIN L., US
[85] 2013-07-31
[86] 2011-07-19 (PCT/US2011/001282)
[87] (WO2013/012402)

[11] **2,827,455**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A PEMETREXED SALT**
[54] **PROCÉDE POUR LA PRODUCTION D'UN SEL DE PEMETREXED**
[72] CHEN, SHANGHONG, TW
[72] LIN, HUANGHSIUNG, TW
[73] SCINOPHARM TAIWAN LTD, TW
[73] CHEN, SHANGHONG, ZZ
[73] LIN, HUANGHSIUNG, ZZ
[85] 2013-08-14
[86] 2011-03-25 (PCT/SG2011/000122)
[87] (WO2012/134392)

[11] **2,827,854**
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) B29C 70/70 (2006.01)**
[25] EN
[54] **REINFORCED BALLOON CATHETER**
[54] **CATHETER A BALLONNET RENFORCÉ**
[72] GULACHENSKI, JOSEPH, US
[72] LEI, CATHY, US
[72] PERALTA, NELSON, US
[72] HAILE, TADELE, US
[73] MICROVENTION, INC., US
[73] GULACHENSKI, JOSEPH, ZZ
[73] LEI, CATHY, ZZ
[73] PERALTA, NELSON, ZZ
[73] HAILE, TADELE, ZZ
[85] 2013-08-20
[86] 2012-02-24 (PCT/US2012/026638)
[87] (WO2012/116337)
[30] US (61/446,879) 2011-02-25

[11] **2,828,206**
[13] A1

[51] **Int.Cl. H04N 21/81 (2011.01) H04N 21/236 (2011.01) H04N 21/41 (2011.01) H04N 21/434 (2011.01) H04N 21/435 (2011.01)**
[25] EN
[54] **PROVISION OF ACCESSIBILITY CONTENT USING MATRIX CODE**
[54] **FOURNITURE DE CONTENU D'ACCESSIBILITÉ AU MOYEN D'UN CODE MATRICIEL**
[72] SCHAEFER, GERMAR, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[73] SCHAEFER, GERMAR, ZZ
[85] 2013-08-23
[86] 2012-02-16 (PCT/US2012/025502)
[87] (WO2012/115859)
[30] US (13/034,482) 2011-02-24

[11] **2,828,293**
[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01) A61B 5/1455 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **SHROUDED SENSOR CLIP ASSEMBLY AND BLOOD CHAMBER FOR AN OPTICAL BLOOD MONITORING SYSTEM**
[54] **ENSEMBLE PINCE À CAPTEURS MASQUE ET COMPARTIMENT DE SANG POUR SYSTÈME DE CONTRÔLE OPTIQUE DE SANG**
[72] BARRETT, LOUIS L., US
[72] LAW, PERRY N., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[73] BARRETT, LOUIS L., ZZ
[73] LAW, PERRY N., ZZ
[85] 2013-08-23
[86] 2012-02-24 (PCT/US2012/026637)
[87] (WO2012/116336)
[30] US (13/034,788) 2011-02-25
[30] US (61/553,078) 2011-10-28

[11] **2,829,854**
[13] A1

[51] **Int.Cl. C08B 37/16 (2006.01) C08G 65/06 (2006.01) C08J 3/12 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR HYDROPHILIC MODIFIED POLYROTAXANE**
[54] **PROCÉDE DE PRODUCTION DE POLYROTAXANE MODIFIÉ HYDROPHILE**
[72] YAMASAKI, TOMOAKI, JP
[72] OKAZAKI, SHINYA, JP
[72] OKAZAKI, HIROKI, JP
[72] HAMAMOTO, SHIGEKI, JP
[72] HAYASHI, YUKI, JP
[72] IWATA, MINORU, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[73] YAMASAKI, TOMOAKI, ZZ
[73] OKAZAKI, SHINYA, ZZ
[73] OKAZAKI, HIROKI, ZZ
[73] HAMAMOTO, SHIGEKI, ZZ
[73] HAYASHI, YUKI, ZZ
[73] IWATA, MINORU, ZZ
[73] ADVANCED SOFTMATERIALS INC., JP
[85] 2013-09-11
[86] 2011-12-05 (PCT/JP2011/078020)
[87] (WO2012/124218)
[30] JP (2011-055504) 2011-03-14

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,829,862**

[13] A1

- [51] **Int.Cl. C08B 37/16 (2006.01) C08G 65/06 (2006.01) C08J 3/12 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR POWDERED HYDROPHILIC MODIFIED POLYROTAXANE**
[54] **PROCEDE DE PRODUCTION DE POLYROTAXANE MODIFIE HYDROPHILE REDUIT EN POUFRE**
[72] YAMASAKI, TOMOAKI, JP
[72] OKAZAKI, SHINYA, JP
[72] OKAZAKI, HIROKI, JP
[72] HAMAMOTO, SHIGEKI, JP
[72] HAYASHI, YUKI, JP
[72] IWATA, MINORU, JP
[73] ADVANCED SOFTMATERIALS INC., JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[73] YAMASAKI, TOMOAKI, ZZ
[73] OKAZAKI, SHINYA, ZZ
[73] OKAZAKI, HIROKI, ZZ
[73] HAMAMOTO, SHIGEKI, ZZ
[73] HAYASHI, YUKI, ZZ
[73] IWATA, MINORU, ZZ
[85] 2013-09-11
[86] 2011-12-05 (PCT/JP2011/078019)
[87] (WO2012/124217)
[30] JP (2011-055503) 2011-03-14

[11] **2,829,959**

[13] A1

- [51] **Int.Cl. H01B 13/14 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING WIRE, WIRE PRE-PRODUCTS AND WIRES**
[54] **PROCEDES DE FABRICATION DE FIL, PRE-PRODUITS DE FIL ET FILS ASSOCIES**
[72] KELLEY, FREDERICK J., US
[73] KELLEY, FREDERICK J., ZZ
[73] GENERAL CABLE INDUSTRIES, INC., US
[85] 2013-09-11
[86] 2012-04-03 (PCT/US2012/032017)
[87] (WO2012/141944)
[30] US (13/085,929) 2011-04-13

[11] **2,830,513**

[13] A1

- [51] **Int.Cl. G06F 1/16 (2006.01) G06F 1/18 (2006.01) G06F 1/20 (2006.01) G11B 33/12 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **SHELF-MOUNTED MODULAR COMPUTING UNIT**
[54] **UNITE INFORMATIQUE MODULAIRE MONTEE SUR ETAGERE**
[72] ROSS, PETER G., US
[72] FRINK, DARIN LEE, US
[73] AMAZON TECHNOLOGIES, INC., US
[73] ROSS, PETER G., ZZ
[73] FRINK, DARIN LEE, ZZ
[85] 2013-09-17
[86] 2012-03-20 (PCT/US2012/029826)
[87] (WO2012/129239)
[30] US (13/069,099) 2011-03-22

[11] **2,830,632**

[13] A1

- [51] **Int.Cl. B25G 1/00 (2006.01) B25D 1/00 (2006.01) B25G 3/34 (2006.01) B26B 23/00 (2006.01)**
[25] EN
[54] **HANDLE PROTECTOR FOR A HAND TOOL**
[54] **PROTECTEUR DE MANCHE POUR OUTIL A MAIN**
[72] BROBEIL, ACHIM, DE
[72] MISSEL, PATRICK, DE
[72] ARNDT, WOLFGANG, DE
[73] HUSQVARNA AB, SE
[73] BROBEIL, ACHIM, ZZ
[73] MISSEL, PATRICK, ZZ
[73] ARNDT, WOLFGANG, ZZ
[85] 2013-09-18
[86] 2011-03-24 (PCT/EP2011/054536)
[87] (WO2012/126527)

[11] **2,831,013**

[13] A1

- [51] **Int.Cl. G01N 15/00 (2006.01) G01N 15/05 (2006.01) G01N 15/10 (2006.01)**
[25] FR
[54] **CYTOLOGICAL METHOD USING THE AUTO FLUORESCENCE OF WHITE CORPUSCLES FOR THE EARLY DIAGNOSIS AND THE MONITORING OF INFECTIONS**
[54] **METHODE CYTOLOGIQUE UTILISANT L'AUTOFLUORESCENCE DES GLOBULES BLANCS POUR LE DIAGNOSTIC PRECOCE ET LE SUIVI DES INFECTIONS**
[72] ASEHNOUNE, KARIM, FR
[72] FONTAINE-AUPART, MARIE-PIERRE, FR
[72] LECART, SANDRINE, FR
[72] MONSEL, ANTOINE, FR
[72] ROQUILLY, ANTOINE, FR
[73] CHU NANTES, FR
[73] UNIVERSITE DE NANTES, FR
[73] UNIVERSITE PARIS-SUD 11, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] ASEHNOUNE, KARIM, ZZ
[73] FONTAINE-AUPART, MARIE-PIERRE, ZZ
[73] LECART, SANDRINE, ZZ
[73] MONSEL, ANTOINE, ZZ
[73] ROQUILLY, ANTOINE, ZZ
[85] 2013-09-20
[86] 2012-03-22 (PCT/EP2012/055127)
[87] (WO2012/127003)
[30] FR (1152356) 2011-03-22

[11] **2,831,276**

[13] A1

- [51] **Int.Cl. B61G 9/20 (2006.01)**
[25] EN
[54] **RAILWAY CAR YOKE**
[54] **SABOT DE WAGON DE CHEMIN DE FER**
[72] MCMILLEN, RICHARD G., US
[72] SICILIA, ANTHONY J., US
[72] SAELER, KEVIN S., US
[73] MCCONWAY & TORLEY, LLC, US
[73] MCMILLEN, RICHARD G., ZZ
[73] SICILIA, ANTHONY J., ZZ
[73] SAELER, KEVIN S., ZZ
[85] 2013-09-24
[86] 2011-03-31 (PCT/US2011/030749)
[87] (WO2012/134481)

Canadian Patents Issued
October 24, 2017

[11] **2,831,666**
[13] A1
[51] **Int.Cl. F16G 13/16 (2006.01)**
[25] EN
[54] **ENERGY GUIDE CHAIN WITH DEFORMABLE JOINT ELEMENTS**
[54] **CHAINE PORTE-CABLES COMPORTANT DES ELEMENTS D'ARTICULATION DEFORMABLES**
[72] BLASE, GUNTER, DE
[72] JAEKER, THILO-ALEXANDER, DE
[73] IGUS GMBH, DE
[73] BLASE, GUNTER, ZZ
[73] JAEKER, THILO-ALEXANDER, ZZ
[85] 2013-09-27
[86] 2012-03-30 (PCT/EP2012/055782)
[87] (WO2012/131033)
[30] DE (20 2011 004 785.7) 2011-04-01

[11] **2,831,772**
[13] A1
[51] **Int.Cl. B01D 69/12 (2006.01) B01D 69/02 (2006.01) B01D 69/10 (2006.01) B01D 71/28 (2006.01) B01D 71/32 (2006.01) B01D 71/36 (2006.01) B01D 71/38 (2006.01) B01D 71/54 (2006.01) B01D 71/82 (2006.01) B32B 5/18 (2006.01)**
[25] EN
[54] **COMPOSITION MEMBRANE COMPRISING MOISTURE-PERMEABLE RESIN AND REINFORCING POROUS MEMBRANE**
[54] **MEMBRANE DE COMPOSITION COMPRENANT UNE RESINE PERMEABLE A L'HUMIDITE ET UNE MEMBRANE POREUSE DE RENFORT**
[72] HIRAI, KEITA, JP
[72] FUJIMOTO, HIROYOSHI, JP
[73] W.L. GORE & ASSOCIATES, CO., LTD., JP
[73] HIRAI, KEITA, ZZ
[73] FUJIMOTO, HIROYOSHI, ZZ
[85] 2013-09-27
[86] 2012-03-30 (PCT/JP2012/058641)
[87] (WO2012/133805)
[30] JP (2011-075382) 2011-03-30

[11] **2,834,017**
[13] A1
[51] **Int.Cl. E06B 9/326 (2006.01) A44C 25/00 (2006.01)**
[25] EN
[54] **OPERATION CORD, AND OPERATION APPARATUS FOR SUNLIGHT SHIELDING APPARATUS**
[54] **CORDON D'ACTIONNEMENT ET DISPOSITIF D'ACTIONNEMENT POUR DISPOSITIF PARE-SOLEIL**
[72] NAKAMURA, HAJIME, JP
[72] ABO, SEIYA, JP
[72] KAWAI, EIJI, JP
[72] YAMAGUCHI, MASAYA, JP
[72] UEHARA, SHOJIRO, JP
[73] TACHIKAWA CORPORATION, JP
[73] NAKAMURA, HAJIME, ZZ
[73] ABO, SEIYA, ZZ
[73] KAWAI, EIJI, ZZ
[73] YAMAGUCHI, MASAYA, ZZ
[73] UEHARA, SHOJIRO, ZZ
[85] 2013-10-22
[86] 2011-04-27 (PCT/JP2011/060227)
[87] (WO2011/136255)
[30] JP (2010-105928) 2010-04-30
[30] JP (2010-105883) 2010-04-30
[30] JP (2010-105881) 2010-04-30

[11] **2,834,046**
[13] A1
[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING A BROADCAST SERVICE, APPARATUS FOR RECEIVING SAME, AND METHOD FOR PROCESSING AN ADDITIONAL SERVICE USING THE APPARATUS FOR RECEIVING SAME**
[54] **PROCEDE PERMETTANT DE TRANSMETTRE UN SERVICE DE DIFFUSION, APPAREIL PERMETTANT DE LE RECEVOIR, ET PROCEDE PERMETTANT DE TRAITER UN SERVICE SUPPLEMENTAIRE EN UTILISANT L'APPAREIL PERMETTANT DE LE RECEVOIR**
[72] MOON, KYOUNGSOO, KR
[72] SUH, JONGYEUL, KR
[72] KIM, KWANSUK, KR
[72] KIM, JINPIL, KR
[72] KIM, SANGHYUN, KR
[72] JI, AETTIE, KR
[72] KIM, KYUNGHO, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
[73] MOON, KYOUNGSOO, ZZ
[73] SUH, JONGYEUL, ZZ
[73] KIM, KWANSUK, ZZ
[73] KIM, JINPIL, ZZ
[73] KIM, SANGHYUN, ZZ
[73] JI, AETTIE, ZZ
[73] KIM, KYUNGHO, ZZ
[73] LEE, JOONHUI, ZZ
[85] 2013-10-22
[86] 2012-05-24 (PCT/KR2012/004124)
[87] (WO2012/161535)
[30] US (61/489,652) 2011-05-24

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,834,797**
[13] A1

[51] **Int.Cl. G01L 1/24 (2006.01) G01D 5/353 (2006.01) G01M 11/00 (2006.01) G01M 11/08 (2006.01)**

[25] EN

[54] **A SENSOR AND METHOD FOR SENSING**

[54] **CAPTEUR ET PROCEDE DE DETECTION**

[72] GOSTELI, JULIEN, CH

[72] RAVET, FABIEN, CH

[72] ROCHAT, ETIENNE, CH

[73] GOSTELI, JULIEN, ZZ

[73] RAVET, FABIEN, ZZ

[73] ROCHAT, ETIENNE, ZZ

[73] OMNISSENS SA, CH

[85] 2013-10-28

[86] 2011-07-27 (PCT/EP2011/062887)

[87] (WO2013/013712)

[11] **2,835,425**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01) B60L 11/18 (2006.01) H02J 3/06 (2006.01) H02J 3/14 (2006.01)**

[25] EN

[54] **BIDIRECTIONAL DEMAND RESPONSE CONTROL**

[54] **CONTROLE BIDIRECTIONNEL DE LA REPONSE A LA DEMANDE**

[72] BRUSCHI, PAUL J., US

[72] SURESH, SINDHU, US

[73] SIEMENS CORPORATION, US

[73] BRUSCHI, PAUL J., ZZ

[73] SURESH, SINDHU, ZZ

[85] 2013-11-07

[86] 2012-05-14 (PCT/US2012/037705)

[87] (WO2012/161993)

[30] US (61/488,392) 2011-05-20

[11] **2,835,433**
[13] A1

[51] **Int.Cl. A63G 21/04 (2006.01) A63G 21/10 (2006.01) A63G 21/12 (2006.01)**

[25] EN

[54] **TOWER RIDE**

[54] **ATTRACTION SUR TOUR**

[72] KITCHEN, WILLIAM J., US

[73] KITCHEN, WILLIAM J., US

[85] 2013-11-07

[86] 2012-05-25 (PCT/US2012/039735)

[87] (WO2012/162675)

[30] US (61/490,135) 2011-05-26

[30] US (61/554,865) 2011-11-02

[30] US (61/616,585) 2012-03-28

[11] **2,836,426**
[13] A1

[51] **Int.Cl. F04D 29/66 (2006.01) F25B 21/00 (2006.01)**

[25] EN

[54] **PRESSURE STABILIZING MECHANISM AND HYDRAULIC PUMP EQUIPPED THEREWITH**

[54] **MECANISME DE STABILISATION DE PRESSION ET POMPE HYDRAULIQUE POURVUE DE CELUI-CI**

[72] VITALI, MARIO, CA

[72] MARTEL, GUY, CA

[73] MS GREGSON INC., CA

[73] VITALI, MARIO, CA

[73] MARTEL, GUY, CA

[86] (2836426)

[87] (2836426)

[22] 2013-12-16

[30] US (61/895,319) 2013-10-24

[11] **2,836,542**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01)**

[25] EN

[54] **MULTI-LOOP ADJUSTABLE KNOTLESS ANCHOR ASSEMBLY, ADJUSTABLE CAPTURE MECHANISM, AND METHOD FOR REPAIR**

[54] **ENSEMBLE D'ANCRAGE MULTI-BOUCLES REGLABLE SANS NOEUD, MECANISME DE CAPTURE REGLABLE ET PROCEDE DE REPARATION ASSOCIE**

[72] THAL, RAYMOND, US

[73] THAL, RAYMOND, US

[85] 2013-11-18

[86] 2012-05-16 (PCT/US2012/038060)

[87] (WO2012/158755)

[30] US (61/486,570) 2011-05-16

[30] US (61/500,655) 2011-06-24

[11] **2,836,641**
[13] A1

[51] **Int.Cl. B64C 13/30 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MAINTAINING A TENSION IN A CABLE CONTROL SYSTEM**

[54] **APPAREIL ET PROCEDE POUR MAINTENIR UNE TENSION DANS UN SYSTEME DE COMMANDE DE CABLE**

[72] BUTLER, HARRIS, US

[73] LEARJET INC., US

[73] BUTLER, HARRIS, ZZ

[85] 2013-11-19

[86] 2011-05-19 (PCT/IB2011/001084)

[87] (WO2012/156772)

[11] **2,836,737**
[13] A1

[51] **Int.Cl. G03G 9/08 (2006.01) C08G 63/553 (2006.01)**

[25] EN

[54] **BIO-BASED POLYESTER RESINS**

[54] **RESINES DE POLYESTER D'ORIGINE BIOLOGIQUE**

[72] WOSNICK, JORDAN H., CA

[72] FARRUGIA, VALERIE M., CA

[73] XEROX CORPORATION, US

[73] WOSNICK, JORDAN H., CA

[73] FARRUGIA, VALERIE M., CA

[86] (2836737)

[87] (2836737)

[22] 2013-12-13

[30] US (13/718655) 2012-12-18

**Canadian Patents Issued
October 24, 2017**

[11] **2,837,880**
[13] A1

[51] **Int.Cl. H01R 25/16 (2006.01) H02B 1/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTIPLE INPUT POWER DISTRIBUTION TO ADJACENT OUTPUTS**
[54] **PROCEDE ET APPAREIL POUR UNE DISTRIBUTION D'ELECTRICITE A MULTIPLES ENTrees A DES SORTIES ADJACENTES**
[72] EWING, CARREL W., US
[72] CLEVELAND, ANDREW J., US
[72] MASKALY, JAMES P., US
[73] SERVER TECHNOLOGY, INC., US
[73] EWING, CARREL W., ZZ
[73] CLEVELAND, ANDREW J., ZZ
[73] MASKALY, JAMES P., ZZ
[85] 2013-11-29
[86] 2012-05-31 (PCT/US2012/040185)
[87] (WO2012/166900)
[30] US (13/149,658) 2011-05-31

[11] **2,838,039**
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/122 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **LIQUID PHARMACEUTICAL COMPOSITION COMPRISING NITISINONE**
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE COMPRENANT DE LA NITISINONE**
[72] SVENSSON, LENNART, SE
[72] SIDEN, HANS, SE
[73] SWEDISH ORPHAN BIOVITRUM INTERNATIONAL AB, SE
[73] SVENSSON, LENNART, ZZ
[73] SIDEN, HANS, ZZ
[85] 2013-12-03
[86] 2012-06-20 (PCT/SE2012/050681)
[87] (WO2012/177214)
[30] SE (1150585-6) 2011-06-23

[11] **2,838,244**
[13] A1

[51] **Int.Cl. H04W 12/08 (2009.01)**
[25] EN
[54] **ESTABLISHING COMMUNICATIONS WITH A SECURE NETWORK**
[54] **ETABLIR DES COMMUNICATIONS AVEC UN RESEAU SECURISE**
[72] FANG, WEN, US
[73] THE BOEING COMPANY, US
[73] FANG, WEN, ZZ
[85] 2013-12-03
[86] 2012-05-20 (PCT/US2012/038745)
[87] (WO2013/058832)
[30] US (13/153,290) 2011-06-03

[11] **2,838,245**
[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR USER EQUIPMENT-BASED ENHANCEMENTS OF RADIO LINK CONTROL FOR MULTI-POINT WIRELESS TRANSMISSION**
[54] **PROCEDES ET APPAREILS POUR DES PERFECTIONNEMENTS BASES SUR UN EQUIPEMENT UTILISATEUR D'UNE COMMANDE DE LIAISON RADIO POUR DES TRANSMISSIONS SANS FIL MULTIPPOINT**
[72] ZHANG, DANLU, US
[72] GE, WEIYAN, US
[72] KAPOOR, ROHIT, US
[72] MOHANTY, BIBHU PRASAD, US
[73] QUALCOMM INCORPORATED, US
[73] ZHANG, DANLU, ZZ
[73] GE, WEIYAN, ZZ
[73] KAPOOR, ROHIT, ZZ
[73] MOHANTY, BIBHU PRASAD, ZZ
[85] 2013-12-03
[86] 2012-06-07 (PCT/US2012/041405)
[87] (WO2012/170724)
[30] US (61/494,328) 2011-06-07
[30] US (13/429,927) 2012-03-26

[11] **2,838,284**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS RELATING TO S100A12 FOR DIAGNOSING INFECTIOUS DISEASES AND KIT THEREFOR**
[54] **METHODES ASSOCIEES A S100 A12 POUR DIAGNOSTIQUER DES MALADIES INFECTIEUSES ET KIT CORRESPONDANT**
[72] LIU, KEYI, US
[72] PICHICHERO, MICHAEL, US
[73] ROCHESTER GENERAL HOSPITAL RESEARCH INSTITUTE, US
[73] LIU, KEYI, ZZ
[73] PICHICHERO, MICHAEL, US
[85] 2013-12-03
[86] 2012-06-04 (PCT/US2012/040777)
[87] (WO2012/170358)
[30] US (61/493,436) 2011-06-04

[11] **2,838,451**
[13] A1

[51] **Int.Cl. C12P 19/14 (2006.01) C12N 1/15 (2006.01) C12N 15/56 (2006.01) C12P 1/02 (2006.01) C12P 3/00 (2006.01) C12P 5/00 (2006.01) C12P 7/00 (2006.01) C12P 7/10 (2006.01) C12P 7/28 (2006.01) C12P 13/00 (2006.01) C12P 17/04 (2006.01) C12P 19/00 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **METHODS FOR DEGRADING OR CONVERTING PLANT CELL WALL POLYSACCHARIDES**
[54] **PROCEDES DE DEGRADATION OU DE CONVERSION DE POLYSACCHARIDES A PAROI CELLULAIRE VEGETALE**
[72] BERKA, RANDY, US
[72] CHERRY, JOEL, US
[73] NOVOZYMES, INC., US
[73] BERKA, RANDY, ZZ
[73] CHERRY, JOEL, ZZ
[86] (2838451)
[87] (2838451)
[22] 2005-03-10
[62] 2,561,020
[30] US (60/556,779) 2004-03-25

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,839,035**
[13] A1

[51] **Int.Cl. B60R 11/02 (2006.01)**
[25] EN
[54] **ENTERTAINMENT APPARATUS
APPAREIL DE DIVERTISSEMENT**
[72] MITCHELL, CIARAN, GB
[73] VOXX INTERNATIONAL
CORPORATION, US
[73] MITCHELL, CIARAN, ZZ
[86] (2839035)
[87] (2839035)
[22] 2014-01-10
[30] GB (1300456.9) 2013-01-10

[11] **2,839,357**
[13] A1

[51] **Int.Cl. C07D 261/08 (2006.01) A61K
31/42 (2006.01) A61K 31/422
(2006.01) A61K 31/4439 (2006.01)
C07D 413/12 (2006.01) C07D 413/14
(2006.01)**
[25] EN
[54] **FARNESOID X RECEPTOR (FXR)
BINDING AND ACTIVITY
MODULATING COMPOUNDS**
[54] **LIANT DU RECEPTEUR
FARNESOID X (FXR) ET
COMPOSES MODULANT
L'ACTIVITE**
[72] KINZEL, OLAF, DE
[72] STEENECK, CHRISTOPH, DE
[72] KREMOSER, CLAUS, DE
[73] KINZEL, OLAF, ZZ
[73] STEENECK, CHRISTOPH, ZZ
[73] KREMOSER, CLAUS, ZZ
[73] GILEAD SCIENCES, INC., US
[85] 2013-12-13
[86] 2012-07-12 (PCT/EP2012/002941)
[87] (WO2013/007387)
[30] EP (11005722.1) 2011-07-13
[30] US (61/507, 153) 2011-07-13

[11] **2,839,439**
[13] A1

[51] **Int.Cl. A61K 8/58 (2006.01) A61K
8/36 (2006.01) A61K 8/41 (2006.01)
A61K 8/891 (2006.01) A61Q 17/04
(2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR
DEPOSITING AGENTS USING
HIGHLY VOLATILE SILICONE
SOLVENTS**
[54] **COMPOSITIONS POUR LE DEPOT
D'AGENTS EMPLOYANT DES
SOLVANTS DE SILICONE
HAUTEMENT VOLATILS**
[72] COOPER, EUGENE R., US
[72] THOMPSON, ERIC R., US
[73] THOMPSON COOPER
LABORATORIES, LLC, US
[73] COOPER, EUGENE R., ZZ
[73] THOMPSON, ERIC R., ZZ
[85] 2013-12-13
[86] 2012-06-18 (PCT/US2012/042993)
[87] (WO2012/177560)
[30] US (61/498,553) 2011-06-18

[11] **2,839,978**
[13] A1

[51] **Int.Cl. C08F 8/12 (2006.01)**
[25] EN
[54] **POLYMER PRODUCT AND THE
USE OF THE SAME AS A
DISPERSING AGENT**
[54] **PRODUIT DE POLYMERE ET SON
UTILISATION COMME AGENT
DE DISPERSION**
[72] CARCELLER, ROSA, FI
[72] JUPPO, ARI, FR
[72] AKSELA, REIJO, FI
[73] KEMIRA OYJ, FI
[73] CARCELLER, ROSA, ZZ
[73] JUPPO, ARI, ZZ
[73] AKSELA, REIJO, ZZ
[85] 2013-12-19
[86] 2012-06-15 (PCT/FI2012/050622)
[87] (WO2012/175799)
[30] FI (20115664) 2011-06-23

[11] **2,840,026**
[13] A1

[51] **Int.Cl. B05B 7/04 (2006.01)**
[25] EN
[54] **ATOMIZING NOZZLE DEVICE,
ATOMIZING PROCESS AND USE**
[54] **DISPOSITIF DE BUSE DE
PULVERISATION, PROCEDE DE
PULVERISATION ET
UTILISATION**
[72] SAUNDERS, GEORGE, US
[72] KITTREDGE, RYAN, US
[73] OMYA INTERNATIONAL AG, CH
[73] SAUNDERS, GEORGE, ZZ
[73] KITTREDGE, RYAN, ZZ
[85] 2013-12-19
[86] 2012-07-09 (PCT/EP2012/063358)
[87] (WO2013/007673)
[30] US (61/506,306) 2011-07-11
[30] EP (11176306.6) 2011-08-02

[11] **2,840,125**
[13] A1

[51] **Int.Cl. B04B 3/00 (2006.01) A23L 5/10
(2016.01) B04B 7/08 (2006.01) B04B
11/04 (2006.01) F26B 5/08 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR
CENTRIFUGING A FOOD
PRODUCT**
[54] **DISPOSITIF ET PROCEDE POUR
LA CENTRIFUGATION D'UN
PRODUIT ALIMENTAIRE**
[72] LOEHN, MIRKO, DE
[72] VAN LOON, ERIK, NL
[73] FLORIGO INTERNATIONAL B.V.,
NL
[73] LOEHN, MIRKO, ZZ
[73] VAN LOON, ERIK, ZZ
[85] 2013-12-20
[86] 2012-07-20 (PCT/EP2012/064263)
[87] (WO2013/017437)
[30] EP (11174869.5) 2011-07-21

Canadian Patents Issued
October 24, 2017

[11] **2,841,482**
[13] A1

[51] **Int.Cl. D21D 1/30 (2006.01)**
[25] EN

[54] **ROTOR REFINER PLATE ELEMENT FOR COUNTER-ROTATING REFINER HAVING CURVED BARS AND SERRATED LEADING EDGES**

[54] **ELEMENT PLAQUE DE RAFFINEUR A ROTOR POUR UN RAFFINEUR CONTRAROTATIF POURVU DE BARRES COURBES ET DE BORDS D'ATTAQUE DENTELES**

[72] GINGRAS, LUC, GB
[73] ANDRITZ INC., US
[73] GINGRAS, LUC, ZZ
[85] 2014-01-10
[86] 2012-07-13 (PCT/US2012/046651)
[87] (WO2013/010073)
[30] US (61/507,450) 2011-07-13
[30] US (13/547,144) 2012-07-12

[11] **2,841,503**
[13] A1

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/038 (2013.01) G06F 3/046 (2006.01)**
[25] EN

[54] **A TOUCH PEN, ELECTRONIC DEVICE FOR RECOGNIZING THE TOUCH PEN, AND METHOD OF OPERATING THE ELECTRONIC DEVICE**

[54] **CRAYON TACTILE, DISPOSITIF ELECTRONIQUE RECONNAISSANT LE CRAYON TACTILE ET PROCEDE D'UTILISATION DU DISPOSITIF ELECTRONIQUE**

[72] KIM, JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] KIM, JIN, ZZ
[86] (2841503)
[87] (2841503)
[22] 2014-02-03
[30] KR (10-2013-0013857) 2013-02-07

[11] **2,841,563**
[13] C

[51] **Int.Cl. C01B 32/312 (2017.01) C01B 32/30 (2017.01) C09C 1/44 (2006.01)**
[25] EN

[54] **OPERATIONAL CONDITIONS AND METHOD FOR PRODUCTION OF HIGH QUALITY ACTIVATED CARBON**

[54] **CONDITIONS OPERATOIRES ET PROCEDE DE PRODUCTION DE CHARBON ACTIF DE HAUTE QUALITE**

[72] JONES, MICHAEL A., US
[73] PNEUMATIC PROCESSING TECHNOLOGIES, LLC, US

[85] 2014-01-13
[86] 2012-07-18 (PCT/US2012/047232)
[87] (WO2013/012941)
[30] US (61/508,929) 2011-07-18

[11] **2,842,499**
[13] A1

[51] **Int.Cl. B23C 5/00 (2006.01) B23C 5/08 (2006.01) B23C 5/24 (2006.01) B23D 61/06 (2006.01)**
[25] EN

[54] **CUTTING BODY CONFIGURED FOR FINE-TUNING**

[54] **CORPS DE COUPE CONFIGURE POUR UN REGLAGE FIN**

[72] ATHAD, SHIMON, IL
[73] ISCAR LTD., IL
[73] ATHAD, SHIMON, ZZ
[85] 2014-01-17
[86] 2012-07-08 (PCT/IL2012/000276)
[87] (WO2013/011499)
[30] US (61/509,261) 2011-07-19

[11] **2,842,718**
[13] A1

[51] **Int.Cl. E21B 10/46 (2006.01) B22F 1/00 (2006.01) B22F 1/02 (2006.01) B22F 5/00 (2006.01) B22F 7/00 (2006.01) C22C 1/04 (2006.01) E21B 10/02 (2006.01) E21B 10/48 (2006.01)**
[25] EN

[54] **DRILL BIT ALLOY**

[54] **ALLIAGE DE FORET**

[72] MILLER, ROBERT KENNETH, CA
[73] MILLER, ROBERT KENNETH, CA
[73] SKEELS, TODD, CA
[85] 2014-01-22
[86] 2010-08-06 (PCT/CA2010/001197)
[87] (WO2012/016317)

[11] **2,842,754**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61B 5/0215 (2006.01) A61B 5/03 (2006.01)**
[25] EN

[54] **PRESSURE SENSING DEVICES**

[54] **CAPTEURS DE PRESSION**

[72] MAUGE, CHRISTOPHE, US
[72] DEXTRADEUR, ALAN J., US
[72] MCCUSKER, J. DANIEL, US
[72] MEYER, STEFAN, DE
[72] BOEDECKER, VOLKER, DE
[72] OSTERMEIER, MAX G., DE
[72] KRAUS, ROBERT G., DE
[73] CODMAN & SHURTLEFF, INC., US
[73] MAUGE, CHRISTOPHE, ZZ
[73] DEXTRADEUR, ALAN J., ZZ
[73] MCCUSKER, J. DANIEL, ZZ
[73] MEYER, STEFAN, ZZ
[73] BOEDECKER, VOLKER, ZZ
[73] OSTERMEIER, MAX G., ZZ
[73] KRAUS, ROBERT G., ZZ
[86] (2842754)
[87] (2842754)
[22] 2006-03-14
[62] 2,539,461
[30] US (60/661,758) 2005-03-15
[30] US (10/907,663) 2005-04-11
[30] US (10/907,664) 2005-04-11
[30] US (10/907,665) 2005-04-11

[11] **2,843,090**
[13] A1

[51] **Int.Cl. B25J 17/00 (2006.01)**
[25] EN

[54] **TWO JOINT MODULE**

[54] **MODULE A DEUX JOINTS**

[72] GOLDENBERG, ANDREW A., CA
[72] BAILEY, BRENT, CA
[72] GRYNIEWSKI, MATTHEW, CA
[72] HE, XIAOJIA, CA
[72] YANG, YI, CA
[73] ENGINEERING SERVICES INC., CA
[73] GOLDENBERG, ANDREW A., CA
[73] BAILEY, BRENT, CA
[73] GRYNIEWSKI, MATTHEW, CA
[73] HE, XIAOJIA, CA
[73] YANG, YI, CA
[86] (2843090)
[87] (2843090)
[22] 2014-02-20
[30] US (13/789,403) 2013-03-07

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,843,676**

[13] A1

- [51] **Int.Cl. H01M 8/0247 (2016.01)**
[25] EN
[54] **FUEL CELL AND FUEL CELL STACK EXHIBITING CONNECTIVITY OVER LONG TERM USAGE**
[54] **PILE A COMBUSTIBLE ET ASSEMBLAGE DE PILES A COMBUSTIBLE PRESENTANT UNE CONNECTIVITE DURANT UN USAGE A LONG TERME**
[72] HOTTA, NOBUYUKI, JP
[72] KOMATSU, DAISUKE, JP
[72] MATSUI, NAOTO, JP
[72] OKAZAKI, SHINOBU, JP
[72] UEMATSU, HIDEKI, JP
[72] ISHIKAWA, HIROYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
[73] HOTTA, NOBUYUKI, ZZ
[73] KOMATSU, DAISUKE, ZZ
[73] MATSUI, NAOTO, ZZ
[73] OKAZAKI, SHINOBU, ZZ
[73] UEMATSU, HIDEKI, ZZ
[73] ISHIKAWA, HIROYA, ZZ
[85] 2014-01-30
[86] 2012-08-07 (PCT/JP2012/005021)
[87] (WO2013/021629)
[30] JP (2011-174286) 2011-08-09

[11] **2,843,728**

[13] A1

- [51] **Int.Cl. B65D 83/08 (2006.01) B65B 5/04 (2006.01) B65B 25/20 (2006.01)**
[25] EN
[54] **GLOVE PACKAGING HAVING ANTIMICROBIAL BARRIER**
[54] **EMBALLAGE POUR GANTS PRESENTANT UNE BARRIERE ANTIMICROBIENNE**
[72] YAO, MIN, US
[72] AMDUR, SAMUEL T. H., US
[73] MEDLINE INDUSTRIES, INC., US
[73] YAO, MIN, ZZ
[73] AMDUR, SAMUEL T. H., ZZ
[86] (2843728)
[87] (2843728)
[22] 2014-02-21
[30] US (13/790,091) 2013-03-08

[11] **2,844,263**

[13] A1

- [51] **Int.Cl. H04W 48/12 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING AND TRANSMITTING INFORMATION**
[54] **PROCEDE ET EQUIPEMENT POUR DETECTER ET TRANSMETTRE DES INFORMATIONS**
[72] GUAN, LEI, CN
[72] CHENG, YAN, CN
[73] HUawei TECHNOLOGIES CO., LTD., CN
[73] GUAN, LEI, ZZ
[73] CHENG, YAN, ZZ
[85] 2014-02-05
[86] 2012-08-08 (PCT/CN2012/079816)
[87] (WO2013/020505)
[30] CN (201110225994.3) 2011-08-08

[11] **2,844,412**

[13] A1

- [51] **Int.Cl. G01R 15/18 (2006.01) B64D 45/02 (2006.01) G01R 19/165 (2006.01) H02G 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING A LIGHTNING STRIKE**
[54] **PROCEDE ET APPAREIL DE DETECTION DE FOUDROIEMENT**
[72] VAN DEVENTER, BRUCE, US
[73] THE BOEING COMPANY, US
[73] VAN DEVENTER, BRUCE, ZZ
[85] 2014-02-05
[86] 2012-09-25 (PCT/US2012/057151)
[87] (WO2013/062706)
[30] US (13/280,915) 2011-10-25

[11] **2,844,460**

[13] A1

- [51] **Int.Cl. E04B 1/41 (2006.01) E04F 13/22 (2006.01)**
[25] EN
[54] **THERMALLY COATED WALL ANCHOR AND ANCHORING SYSTEMS WITH IN-CAVITY THERMAL BREAKS FOR CAVITY WALLS**
[54] **ANCRAGE MURAL A REVETEMENT THERMIQUE ET SYSTEMES D'ANCRAGE A COUPURES THERMIQUES DANS LES CAVITES POUR MURS CREUX**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[73] HOHMANN, RONALD P., JR., ZZ
[86] (2844460)
[87] (2844460)
[22] 2014-03-04
[30] US (13/786,982) 2013-03-06

[11] **2,844,695**

[13] A1

- [51] **Int.Cl. G01D 21/00 (2006.01) A01F 25/14 (2006.01)**
[25] EN
[54] **GRAIN BIN SENSOR CABLE FORMING METHOD AND APPARATUS**
[54] **APPAREIL ET PROCEDE DE FORMATION DE CABLE DE CAPTEUR DE CELLULE A GRAIN**
[72] BLOEMENDAAL, BRENT J., US
[73] CTB, INC., US
[73] BLOEMENDAAL, BRENT J., ZZ
[86] (2844695)
[87] (2844695)
[22] 2014-02-28
[30] US (13/791,917) 2013-03-09

[11] **2,845,030**

[13] A1

- [51] **Int.Cl. C07D 295/30 (2006.01) A61K 31/655 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PIPERAZINE DERIVATIVES**
[54] **DERIVES DE PIPERAZINE**
[72] VAUGHAN, KEITH, CA
[73] VAUGHAN, KEITH, CA
[73] INNOVASCREEEN INC., CA
[85] 2014-02-12
[86] 2012-08-10 (PCT/CA2012/000747)
[87] (WO2013/023273)
[30] US (61/522,955) 2011-08-12

**Canadian Patents Issued
October 24, 2017**

[11] **2,845,210**
[13] A1

[51] **Int.Cl. F21V 23/06 (2006.01) F21V 21/002 (2006.01) F21V 21/02 (2006.01) H01R 13/717 (2006.01) H01R 24/00 (2011.01)**

[25] EN

[54] **ELECTRICAL FIXTURE CONNECTION**

[54] **CONNEXION DE LUMINAIRE ELECTRIQUE**

[72] BIRDWELL, TIMOTHY GALE, US

[72] BRETSCHNEIDER, ERIC COLIN, US

[72] FITZGIBBON, JAMES J., US

[72] MOORE, BRADLEY T., US

[72] TYLICKI, SCOTT BLAISE, US

[73] HEATHCO, LLC, US

[73] BIRDWELL, TIMOTHY GALE, ZZ

[73] BRETSCHNEIDER, ERIC COLIN, ZZ

[73] FITZGIBBON, JAMES J., ZZ

[73] MOORE, BRADLEY T., ZZ

[73] TYLICKI, SCOTT BLAISE, ZZ

[86] (2845210)

[87] (2845210)

[22] 2014-03-07

[30] US (61/773,946) 2013-03-07

[30] US (61/885,261) 2013-10-01

[30] US (14/198,292) 2014-03-05

[11] **2,845,812**
[13] A1

[51] **Int.Cl. E01C 19/20 (2006.01) B60B 39/02 (2006.01) E01H 10/00 (2006.01)**

[25] EN

[54] **AUTOMATED DISPENSING OF TRAVEL PATH APPLICANTS**

[54] **DISTRIBUTION AUTOMATIQUE DE DEMANDEURS DE TRAJET DE DEPLACEMENT**

[72] KADABA, NAGESH, US

[73] UNITED PARCEL SERVICE OF AMERICA, INC., US

[73] KADABA, NAGESH, ZZ

[85] 2014-02-19

[86] 2012-04-17 (PCT/US2012/033890)

[87] (WO2013/066395)

[30] US (13/285,776) 2011-10-31

[11] **2,846,152**
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01)**

[25] EN

[54] **PERCUTANEOUS SPINAL CROSS LINK SYSTEM AND METHOD**

[54] **PROCEDE ET SYSTEME A LIAISONS CROISEES SPINALES PERCUTANEEES**

[72] REITBLAT, ABRAM, US

[72] TALIJAN, DAVID, US

[72] DOMBROWSKI, LORI, US

[72] BUSH, CHARLES L., JR., US

[73] REITBLAT, ABRAM, ZZ

[73] TALIJAN, DAVID, ZZ

[73] DOMBROWSKI, LORI, ZZ

[73] BUSH, CHARLES L., JR., ZZ

[73] STRYKER EUROPEAN HOLDINGS I, LLC, US

[86] (2846152)

[87] (2846152)

[22] 2014-03-12

[30] US (61/782,278) 2013-03-14

[11] **2,846,198**
[13] A1

[51] **Int.Cl. E01C 23/06 (2006.01) E01C 19/08 (2006.01) F28D 13/00 (2006.01) G05D 23/19 (2006.01)**

[25] EN

[54] **THERMOSTATICALLY CONTROLLED ASPHALT HEATER FOR A MOBILE PAVEMENT PATCHING VEHICLE**

[54] **CHAUFFE-ASPHALTE A CONTROLE THERMOSTATIQUE POUR UN VEHICULE MOBILE DE REPARATION DE CHAUSSEE**

[72] HULICKSKO, LES, CA

[72] SKINNER, ROBERT, CA

[73] SUPERIORROADS SOLUTIONS LIMITED PARTNERSHIP, CA

[73] HULICKSKO, LES, CA

[73] SKINNER, ROBERT, CA

[86] (2846198)

[87] (2846198)

[22] 2014-03-14

[11] **2,846,463**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 239/42 (2006.01)**

[25] EN

[54] **PYRIMIDINES AS SODIUM CHANNEL BLOCKERS**

[54] **PYRIMIDINES UTILISEES COMME BLOQUEURS DE CANAUX SODIQUES**

[72] NI, CHIYOU, US

[72] PARK, MINNIE, US

[72] SHAO, BIN, US

[72] TAFESSE, LAYKEA, US

[72] YAO, JIANGCHAO, US

[72] YOUNGMAN, MARK, US

[73] PURDUE PHARMA L.P., US

[73] NI, CHIYOU, ZZ

[73] PARK, MINNIE, ZZ

[73] SHAO, BIN, ZZ

[73] TAFESSE, LAYKEA, ZZ

[73] YAO, JIANGCHAO, ZZ

[73] YOUNGMAN, MARK, ZZ

[85] 2014-02-25

[86] 2012-08-31 (PCT/IB2012/001871)

[87] (WO2013/030665)

[30] US (61/530,678) 2011-09-02

[30] US (61/651,611) 2012-05-25

[11] **2,846,891**
[13] A1

[51] **Int.Cl. A01N 31/02 (2006.01) A61L 2/18 (2006.01) A61L 29/08 (2006.01) A61L 29/16 (2006.01)**

[25] EN

[54] **TRANSDERMAL VENOUS ACCESS LOCKING SOLUTIONS**

[54] **SOLUTIONS DE BLOCAGE DE L'ACCES VEINEUX TRANSDERMIQUE**

[72] MILLS, STANLEY L., US

[72] MILLS, JACQUELINE L., US

[72] MAURER, ROBERT D., US

[72] RAYBURN, GARY L., US

[72] CUCHENS, MARVIN A., US

[73] ORGANIC MEDICAL VENTURES, L.L.C., US

[73] MILLS, STANLEY L., ZZ

[73] MILLS, JACQUELINE L., ZZ

[73] MAURER, ROBERT D., ZZ

[73] RAYBURN, GARY L., ZZ

[73] CUCHENS, MARVIN A., ZZ

[85] 2014-02-26

[86] 2011-08-31 (PCT/US2011/049941)

[87] (WO2013/032464)

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,847,107**
[13] A1

[51] **Int.Cl. H01M 8/102 (2016.01)**
[25] EN
[54] **POLYMER ELECTROLYTE
MEMBRANE, MEMBRANE
ELECTRODE ASSEMBLY USING
SAME, AND POLYMER
ELECTROLYTE FUEL CELL**
[54] **MEMBRANE ELECTROLYTE
POLYMER, ENSEMBLE
ELECTRODE A MEMBRANE QUI
UTILISE CETTE DERNIERE ET
PILE A COMBUSTIBLE A
POLYMER SOLIDE**
[72] UMEDA, HIROAKI, JP
[72] IZUHARA, DAISUKE, JP
[72] AMANO, EMI, JP
[73] TORAY INDUSTRIES, INC., JP
[73] UMEDA, HIROAKI, ZZ
[73] IZUHARA, DAISUKE, ZZ
[73] AMANO, EMI, ZZ
[85] 2014-02-27
[86] 2012-08-24 (PCT/JP2012/071408)
[87] (WO2013/031675)
[30] JP (2011-185667) 2011-08-29

[11] **2,847,742**
[13] A1

[51] **Int.Cl. E21B 43/243 (2006.01) E21B
43/24 (2006.01)**
[25] EN
[54] **IN SITU COMBUSTION
RECOVERY PROCESS FOR
MATURE STEAM-ASSISTED
GRAVITY DRAINAGE
OPERATIONS**
[54] **PROCEDE DE RECUPERATION A
COMBUSTION IN SITU POUR
OPERATIONS DE DRAINAGE PAR
GRAVITE AU MOYEN DE
VAPEUR ANCIENNES**
[72] LI, JIAN, CA
[72] CHIU, KIM, CA
[72] COULTER, CAL, CA
[73] SUNCOR ENERGY INC., CA
[73] LI, JIAN, CA
[73] CHIU, KIM, CA
[73] COULTER, CAL, CA
[86] (2847742)
[87] (2847742)
[22] 2011-06-28
[62] 2,744,640

[11] **2,847,971**
[13] A1

[51] **Int.Cl. C07C 69/67 (2006.01) A61K
31/222 (2006.01) A61K 31/225
(2006.01) A61K 31/357 (2006.01)
A61P 35/00 (2006.01) C07D 317/32
(2006.01) C07D 319/06 (2006.01)**
[25] EN
[54] **STILBENOID COMPOUNDS AS
INHIBITORS FOR SQUAMOUS
CARCINOMA AND HEPATOMA
AND USES THEREOF**
[54] **COMPOSES STILBENOIDES EN
TANT QU'INHIBITEURS POUR LE
CARCINOME SQUAMEUX ET
L'HEPATOME ET LEURS
UTILISATIONS**
[72] KUO, SHENG-CHU, TW
[72] YANG, JAI-SING, TW
[72] HSIEH, MIN-TSANG, TW
[72] LEE, KUO-HSIUNG, TW
[72] CHEN, HUEI-WEN, TW
[72] HUANG, LI-JIAU, TW
[72] HUNG, HSIN-YI, TW
[72] WAY, TZONG-DER, TW
[72] CHANG, LING-CHU, TW
[72] LIN, HUI-YI, TW
[72] CHENG, YUNG-YI, TW
[72] LIU, CHIN-YU, TW
[73] KUO, SHENG-CHU, ZZ
[73] YANG, JAI-SING, ZZ
[73] HSIEH, MIN-TSANG, ZZ
[73] LEE, KUO-HSIUNG, ZZ
[73] CHEN, HUEI-WEN, ZZ
[73] HUANG, LI-JIAU, ZZ
[73] HUNG, HSIN-YI, ZZ
[73] WAY, TZONG-DER, ZZ
[73] CHANG, LING-CHU, ZZ
[73] LIN, HUI-YI, ZZ
[73] CHENG, YUNG-YI, ZZ
[73] LIU, CHIN-YU, ZZ
[73] CHINA MEDICAL UNIVERSITY, TW
[86] (2847971)
[87] (2847971)
[22] 2014-04-01
[30] US (61/807,837) 2013-04-03

[11] **2,848,886**
[13] A1

[51] **Int.Cl. E21B 47/113 (2012.01) E21B
47/085 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR
DETECTION AND
QUANTIFICATION OF
BOREHOLE STANDOFF**
[54] **PROCEDE ET APPAREIL POUR
DETECTION ET
QUANTIFICATION DE DISTANCE
DE TROU DE FORAGE**
[72] HU, DAVID G., US
[73] HU, DAVID G., ZZ
[73] WEATHERFORD TECHNOLOGY
HOLDINGS, LLC, US
[86] (2848886)
[87] (2848886)
[22] 2014-04-15
[30] US (13/863,085) 2013-04-15

[11] **2,849,121**
[13] A1

[51] **Int.Cl. C09D 5/14 (2006.01) A01N
33/12 (2006.01) A01N 43/40 (2006.01)
A01P 1/00 (2006.01)**
[25] EN
[54] **HIGH QUALITY
ANTIMICROBIAL PAINT
COMPOSITION**
[54] **COMPOSITION DE PEINTURE
ANTIMICROBIENNE DE HAUTE
QUALITE**
[72] GISSER, KATHLEEN R., US
[72] SIBBALD, MORGAN S., US
[72] SMITH, WANDA J., US
[72] DRESHAR, JANICE K., US
[72] PROCHAZKA, DONALD A., US
[73] THE SHERWIN-WILLIAMS
COMPANY, US
[73] GISSER, KATHLEEN R., ZZ
[73] SIBBALD, MORGAN S., ZZ
[73] SMITH, WANDA J., ZZ
[73] DRESHAR, JANICE K., ZZ
[73] PROCHAZKA, DONALD A., ZZ
[85] 2014-03-18
[86] 2012-09-28 (PCT/US2012/057849)
[87] (WO2013/095743)
[30] US (61/541,168) 2011-09-30

Canadian Patents Issued
October 24, 2017

[11] **2,849,417**
[13] A1
[51] **Int.Cl. H04N 1/409 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING
DEBLOCKING ARTIFACTS
PROCEDE D'ELIMINATION
D'ARTEFACTS DE DEBLOCAGE**
[72] JANG, MIN, KR
[73] INFOBRIDGE PTE. LTD., SG
[73] JANG, MIN, ZZ
[85] 2014-03-19
[86] 2013-01-08 (PCT/CN2013/070217)
[87] (WO2013/104298)
[30] KR (10-2012-0002597) 2012-01-09

[11] **2,849,522**
[13] A1
[51] **Int.Cl. B25B 23/142 (2006.01) B23Q
17/00 (2006.01) B25B 23/14 (2006.01)**
[25] EN
[54] **METHOD OF COMPENSATING
FOR ADAPTERS OR EXTENSIONS
ON AN ELECTRONIC TORQUE
WRENCH
PROCEDE DE COMPENSATION
POUR DES ADAPTEURS OU
DES RALLONGES SUR UNE CLE
DYNAMOMETRIQUE
ELECTRONIQUE**
[72] KING, JERRY A., US
[72] VALLEJOS, DUANE A., US
[72] LOBO, ANDREW R., US
[72] LAWTON, CHRIS, US
[72] LEE, NATHAN, US
[73] SNAP-ON INCORPORATED, US
[73] KING, JERRY A., ZZ
[73] VALLEJOS, DUANE A., ZZ
[73] LOBO, ANDREW R., ZZ
[73] LAWTON, CHRIS, ZZ
[73] LEE, NATHAN, ZZ
[86] (2849522)
[87] (2849522)
[22] 2014-04-22
[30] US (13/888,658) 2013-05-07

[11] **2,849,584**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) B64C
1/00 (2006.01)**
[25] EN
[54] **TRUSS INTERCONNECT
INTERCONNEXION DE FERME**
[72] LARSEN, TY AABY, US
[72] BROUWER, TODD BURTON, US
[72] JOHNSON, ROBERT T., US
[72] LIFFRING, MARK EUGENE, US
[72] SHANDER, MARK STEPHEN, US
[72] HOLLEY, ROBERT DENNIS, US
[72] DOUGLAS, MARGARET L., US
[73] THE BOEING COMPANY, US
[73] LARSEN, TY AABY, ZZ
[73] BROUWER, TODD BURTON, ZZ
[73] JOHNSON, ROBERT T., ZZ
[73] LIFFRING, MARK EUGENE, ZZ
[73] SHANDER, MARK STEPHEN, ZZ
[73] HOLLEY, ROBERT DENNIS, ZZ
[73] DOUGLAS, MARGARET L., ZZ
[86] (2849584)
[87] (2849584)
[22] 2014-04-23
[30] US (13/930,024) 2013-06-28

[11] **2,849,638**
[13] A1
[51] **Int.Cl. H04W 12/04 (2009.01)**
[25] EN
[54] **METHOD FOR UPDATING AND
GENERATING AIR INTERFACE
KEY AND RADIO ACCESS
SYSTEM
PROCEDE POUR ACTUALISER ET
GENERER UNE CLE
D'INTERFACE HERTZIENNE ET
SYSTEME D'ACCES SANS FIL**
[72] FENG, CHENGYAN, CN
[72] HE, FENG, CN
[73] ZTE CORPORATION, CN
[73] FENG, CHENGYAN, ZZ
[73] HE, FENG, ZZ
[85] 2013-08-26
[86] 2011-03-11 (PCT/CN2011/071719)
[87] (WO2011/153855)
[30] CN (201010202417.8) 2010-06-07

[11] **2,850,695**
[13] A1
[51] **Int.Cl. B63B 43/18 (2006.01) B63B
27/14 (2006.01) B63B 59/02 (2006.01)**
[25] EN
[54] **SHIP ANTI-COLLISION DEVICE,
SHIP WITH SAME AND QUICK
ANTI-COLLISION LANDING
BRIDGE
DISPOSITIF ANTICOLLISION
POUR NAVIRE, NAVIRE EQUIPE
DE CELUI-CI ET PASSERELLE DE
TRANSBORDEMENT
ANTICOLLISION RAPIDE**
[72] LI, YUEXIAN, CN
[72] LIU, WEIBIN, CN
[72] LI, JI, CN
[72] LI, LEILEI, CN
[73] LI, YUEXIAN, ZZ
[73] LIU, WEIBIN, ZZ
[73] LI, JI, ZZ
[73] LI, LEILEI, ZZ
[73] SUNBIRD YACHT CO., LTD., CN
[85] 2014-05-02
[86] 2013-01-29 (PCT/CN2013/071059)
[87] (WO2014/114006)
[30] CN (201310023649.0) 2013-01-23

[11] **2,851,951**
[13] A1
[51] **Int.Cl. G06F 11/20 (2006.01) G06F
11/14 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A
CONTROL NETWORK, AND
CONTROL NETWORK
PROCEDE PERMETTANT DE
FAIRE FONCTIONNER UN
RESEAU DE COMMANDE ET
RESEAU DE COMMANDE**
[72] KIRSCH, ANDREAS, DE
[72] LUDWIG, HARTMUT, US
[72] PORSCH, ROLAND, DE
[72] SCHWARZ, TINO, DE
[72] ZIEGLER, ANDREAS, DE
[73] SIEMENS AKTIENGESSELLSCHAFT,
DE
[73] KIRSCH, ANDREAS, ZZ
[73] LUDWIG, HARTMUT, ZZ
[73] PORSCH, ROLAND, ZZ
[73] SCHWARZ, TINO, ZZ
[73] ZIEGLER, ANDREAS, ZZ
[85] 2014-04-11
[86] 2012-10-05 (PCT/EP2012/069688)
[87] (WO2013/053643)
[30] US (13/272,260) 2011-10-13

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,852,432**
[13] A1

[51] **Int.Cl. F02K 1/12 (2006.01) F02K 1/15 (2006.01)**

[25] EN

[54] **PIVOTING RING PETAL
ACTUATION FOR VARIABLE
AREA FAN NOZZLE**

[54] **ACTIONNEUR DE PETALE
ANNULAIRE PIVOTANT POUR
UNE BUSE A FENTE A SURFACE
VARIABLE**

[72] JASKLOWSKI, CHRISTOPHER T.,
US

[73] JASKLOWSKI, CHRISTOPHER T.,
ZZ

[73] THE BOEING COMPANY, US

[86] (2852432)

[87] (2852432)

[22] 2014-05-26

[30] US (13/928407) 2013-06-27

[11] **2,853,240**
[13] A1

[51] **Int.Cl. A47J 36/06 (2006.01) A47J
27/092 (2006.01) B65D 43/08 (2006.01)
B65D 53/02 (2006.01)**

[25] EN

[54] **LID FOR VACUUM COOKING
POT AND COOKING POT USING
SAME**

[54] **COUVERCLE POUR RECIPIENT
DE CUISSON SOUS VIDE ET
RECIPIENT DE CUISSON
L'UTILISANT**

[72] LEE, HYUN SAM, KR

[73] HAPPYCALL CO., LTD., KR

[73] LEE, HYUN SAM, ZZ

[85] 2014-04-23

[86] 2013-03-26 (PCT/KR2013/002493)

[87] (WO2013/151264)

[30] KR (10-2012-0035485) 2012-04-05

[30] KR (10-2012-0035486) 2012-04-05

[30] KR (10-2012-0133205) 2012-11-22

[11] **2,853,029**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) H04W
4/00 (2009.01)**

[25] EN

[54] **ORDER FULFILLMENT SYSTEMS
AND METHODS WITH
CUSTOMER LOCATION
TRACKING**

[54] **SYSTEMES ET METHODES DE
LIVRAISON DE COMMANDE
INTEGRANT LE REPERAGE DE
L'EMPLACEMENT DU CLIENT**

[72] AGASTI, VARUN REDDY, US

[72] MUNJAL, LEENA, US

[73] SEARS BRANDS, LLC, US

[73] AGASTI, VARUN REDDY, ZZ

[73] MUNJAL, LEENA, ZZ

[86] (2853029)

[87] (2853029)

[22] 2014-05-30

[30] US (13/923,695) 2013-06-21

Canadian Patents Issued
October 24, 2017

[11] 2,853,523
[13] A1
[51] Int.Cl. C08L 9/06 (2006.01) C08J 3/24 (2006.01) C08J 3/26 (2006.01) C08J 3/28 (2006.01) C08L 9/08 (2006.01) C08L 21/00 (2006.01) C08L 21/02 (2006.01)
[25] EN
[54] **MODIFIED RUBBER MASTERBATCH, AND RUBBER COMPOSITION AND VULCANIZED RUBBER PRODUCED THEREFROM, AND THE PREPARATION PROCESSES FOR THEM**
[54] **MELANGE MAITRE DE CAOUTCHOUC MODIFIE ET COMPOSITION DE CAOUTCHOUC ET CAOUTCHOUC VULCANISE PRODUIT A PARTIR DE CELLE-CI ET PROCEDES DE PREPARATION POUR CEUX-CI**
[72] QIAO, JINLIANG, CN
[72] CONG, YUEXIN, CN
[72] ZHANG, XIAOHONG, CN
[72] LI, YING, CN
[72] GAO, JIANMING, CN
[72] ZHANG, QIANMIN, CN
[72] SONG, ZHIHAI, CN
[72] SUN, YANLING, CN
[72] LAI, JINMEI, CN
[72] SONG, PEIJUN, CN
[72] CAI, CHUANLUN, CN
[72] ZHAO, GUOXUN, CN
[72] ZHANG, HONGBIN, CN
[72] QI, GUICUN, CN
[72] WANG, YA, CN
[72] LI, BINGHAI, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] QIAO, JINLIANG, ZZ
[73] CONG, YUEXIN, ZZ
[73] ZHANG, XIAOHONG, ZZ
[73] LI, YING, ZZ
[73] GAO, JIANMING, ZZ
[73] ZHANG, QIANMIN, ZZ
[73] SONG, ZHIHAI, ZZ
[73] SUN, YANLING, ZZ
[73] LAI, JINMEI, ZZ
[73] SONG, PEIJUN, ZZ
[73] CAI, CHUANLUN, ZZ
[73] ZHAO, GUOXUN, ZZ
[73] ZHANG, HONGBIN, ZZ
[73] QI, GUICUN, ZZ
[73] WANG, YA, ZZ
[73] LI, BINGHAI, ZZ
[85] 2014-04-25
[86] 2012-10-26 (PCT/CN2012/083574)
[87] (WO2013/060288)

[11] 2,853,791
[13] A1
[51] Int.Cl. A61K 38/05 (2006.01)
[25] EN
[54] **N-ACYLDIPEPTIDE DERIVATIVES AND THEIR USES**
[54] **DERIVES N-ACYLDIPEPTIDES ET LEURS UTILISATIONS**
[72] YU, RUEY J., US
[72] VAN SCOTT, EUGENE J., US
[73] NEOSTRATA COMPANY, INC., US
[85] 2014-04-28
[86] 2012-10-31 (PCT/US2012/062715)
[87] (WO2013/063615)
[30] US (61/554,724) 2011-11-02
[30] US (61/582,675) 2012-01-03
[30] US (61/552,751) 2011-10-28

[11] 2,853,990
[13] A1
[51] Int.Cl. G01B 5/00 (2006.01) D07B 7/02 (2006.01)
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING GEOMETRY OF NON-CIRCULAR TWISTED STRAND DURING STRANDING PROCESS**
[54] **SYSTEME ET PROCEDE POUR MESURER LA GEOMETRIE D'UN TORON TORSADÉ NON CIRCULAIRE DURANT UN PROCEDE DE TORONNAGE**
[72] ASHKENAZI, RONEN, IL
[73] M.R.E. MATRON ROPE & WIRE ROPE ENGINEERING LTD., IL
[73] ASHKENAZI, RONEN, ZZ
[86] (2853990)
[87] (2853990)
[22] 2014-06-11
[30] IL (IL 226935) 2013-06-13

[11] 2,854,012
[13] A1
[51] Int.Cl. G03G 15/08 (2006.01)
[25] EN
[54] **TONER CARTRIDGE WITH PRESSURE EQUALIZATION SYSTEM**
[54] **CARTOUCHE DE TONER DOTEE DE SYSTEME D'EQUILIBRAGE DE PRESSION**
[72] LEEHMUIS, JAMES RICHARD, US
[72] HACKNEY, GARY NEAL, US
[73] LEXMARK INTERNATIONAL, INC., US
[73] LEEHMUIS, JAMES RICHARD, ZZ
[73] HACKNEY, GARY NEAL, ZZ
[85] 2014-04-29
[86] 2012-11-15 (PCT/US2012/065144)
[87] (WO2013/101346)
[30] US (13/340,814) 2011-12-30

[11] 2,854,369
[13] A1
[51] Int.Cl. H04L 12/16 (2006.01) G06Q 50/32 (2012.01)
[25] EN
[54] **PROVIDING UNIVERSAL SOCIAL CONTEXT FOR CONCEPTS IN A SOCIAL NETWORKING SYSTEM**
[54] **FOURNITURE DE CONTEXTE SOCIAL UNIVERSEL POUR DES CONCEPTS DANS UN SYSTEME DE RESEAUTAGE SOCIAL**
[72] CATHCART, ROBERT WILLIAM, US
[72] SAGULA, RAFAEL LINDEN, US
[72] MARLOW, CAMERON ALEXANDER, US
[72] CHANG, JONATHAN, US
[72] KAR, SIDDHARTH, US
[72] SUN, ERIC, US
[73] FACEBOOK, INC., US
[73] CATHCART, ROBERT WILLIAM, ZZ
[73] SAGULA, RAFAEL LINDEN, ZZ
[73] MARLOW, CAMERON ALEXANDER, ZZ
[73] CHANG, JONATHAN, ZZ
[73] KAR, SIDDHARTH, ZZ
[73] SUN, ERIC, ZZ
[85] 2014-05-01
[86] 2012-11-02 (PCT/US2012/063322)
[87] (WO2013/070523)
[30] US (13/295,002) 2011-11-11

Brevets canadiens délivrés
24 octobre 2017

[11] **2,854,482**

[13] A1

- [51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **TRANSPORT AND HANDLING SYSTEM AND METHODS OF TRANSPORTING A COMMODITY**
[54] **SYSTEME DE TRANSPORT ET DE MANUTENTION ET PROCEDES DE TRANSPORT D'UNE MARCHANDISE**
[72] ATMUR, ROBERT J., US
[72] BERON-RAWDON, DEBORAH ANN, US
[73] ATMUR, ROBERT J., ZZ
[73] BERON-RAWDON, DEBORAH ANN, ZZ
[73] THE BOEING COMPANY, US
[85] 2014-05-02
[86] 2012-11-29 (PCT/US2012/067109)
[87] (WO2013/103457)
[30] US (13/342,610) 2012-01-03

[11] **2,855,047**

[13] A1

- [51] **Int.Cl. B21D 7/16 (2006.01) B21D 7/00 (2006.01) B21D 7/08 (2006.01)**
[25] EN
[54] **BENDING APPARATUS**
[54] **DISPOSITIF DE CINTRAGE**
[72] KUWAYAMA, SHINJIRO, JP
[72] TOMIZAWA, ATSUSHI, JP
[72] INOUE, SABURO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] KUWAYAMA, SHINJIRO, ZZ
[73] TOMIZAWA, ATSUSHI, ZZ
[73] INOUE, SABURO, ZZ
[86] (2855047)
[87] (2855047)
[22] 2010-05-17
[62] 2,762,532
[30] JP (2009-120844) 2009-05-19

[11] **2,855,049**

[13] A1

- [51] **Int.Cl. B21D 7/16 (2006.01) B21D 7/00 (2006.01) B21D 7/08 (2006.01)**
[25] EN
[54] **BENDING APPARATUS**
[54] **DISPOSITIF DE CINTRAGE**
[72] KUWAYAMA, SHINJIRO, JP
[72] TOMIZAWA, ATSUSHI, JP
[72] INOUE, SABURO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] KUWAYAMA, SHINJIRO, ZZ
[73] TOMIZAWA, ATSUSHI, ZZ
[73] INOUE, SABURO, ZZ
[86] (2855049)
[87] (2855049)
[22] 2010-05-17
[62] 2,762,532
[30] JP (2009-120844) 2009-05-19

[11] **2,855,777**

[13] A1

- [51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/107 (2014.01) H04N 19/513 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SETTING REFERENCE PICTURE INDEX OF TEMPORAL MERGING CANDIDATE**
[54] **PROCEDE ET APPAREIL POUR LA DEFINITION D'UN INDICE D'IMAGE DE REFERENCE D'UN CANDIDAT A LA FUSION TEMPORELLE**
[72] KIM, HUI YONG, KR
[72] PARK, GWANG HOON, KR
[72] KIM, KYUNG YONG, KR
[72] KIM, SANG MIN, KR
[72] LIM, SUNG CHANG, KR
[72] LEE, JIN HO, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[73] UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY, KR
[73] KIM, HUI YONG, ZZ
[73] PARK, GWANG HOON, ZZ
[73] KIM, KYUNG YONG, ZZ
[73] KIM, SANG MIN, ZZ
[73] LIM, SUNG CHANG, ZZ
[73] LEE, JIN HO, ZZ
[73] CHOI, JIN SOO, ZZ
[73] KIM, JIN WOONG, ZZ
[85] 2014-05-13
[86] 2012-12-18 (PCT/KR2012/011059)
[87] (WO2013/094960)
[30] KR (10-2011-0140861) 2011-12-23
[30] KR (10-2012-0003617) 2012-01-11
[30] KR (10-2012-0147996) 2012-12-18

**Canadian Patents Issued
October 24, 2017**

[11] **2,856,185**
[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HANDLE HAVING AN INNER CAVITY**
[54] **MANCHE POUR BROUSSE A DENTS POURVU D'UNE CAVITE INTERNE**
[72] NEWMAN, MATTHEW LLOYD, US
[72] WEN, CATHY, US
[72] BIRK, ANDREAS, DE
[72] BRESSELSCHMIDT, ANDREAS, DE
[72] HORTON, ANDREW JOSEPH, US
[72] KAWERAU, JOCHEN, DE
[72] PFEIFER, ULRICH, DE
[72] SATTERFIELD, RICHARD DARREN, US
[72] SCHMELCHER, HEIDRUN ANNIKA, DE
[72] SCHMID, FRANZISKA, DE
[72] STOERKEL, JENS UWE, DE
[72] WEST, GEORGE, US
[72] WINKLER, TILMANN, DE
[72] HUSTEDT, SIEGFRIED KURT MARTIN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] NEWMAN, MATTHEW LLOYD, ZZ
[73] WEN, CATHY, ZZ
[73] BIRK, ANDREAS, ZZ
[73] BRESSELSCHMIDT, ANDREAS, ZZ
[73] HORTON, ANDREW JOSEPH, ZZ
[73] KAWERAU, JOCHEN, ZZ
[73] PFEIFER, ULRICH, ZZ
[73] SATTERFIELD, RICHARD DARREN, ZZ
[73] SCHMELCHER, HEIDRUN ANNIKA, ZZ
[73] SCHMID, FRANZISKA, ZZ
[73] STOERKEL, JENS UWE, ZZ
[73] WEST, GEORGE, ZZ
[73] WINKLER, TILMANN, ZZ
[73] HUSTEDT, SIEGFRIED KURT MARTIN, ZZ
[85] 2014-05-15
[86] 2012-11-21 (PCT/US2012/066316)
[87] (WO2013/078355)
[30] US (61/562,675) 2011-11-22

[11] **2,856,345**
[13] A1

[51] **Int.Cl. C12M 1/38 (2006.01) B01L 7/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DEVICE FOR THERMAL CONVECTION POLYMERASE CHAIN REACTION**
[54] **DISPOSITIF A CONVECTION THERMIQUE POUR UNE REACTION EN CHAINE DE LA POLYMERASE**
[72] SU, CHENG, CN
[72] TENG, PING HUA, CN
[73] GENEREACH BIOTECHNOLOGY CORP., CN
[73] SU, CHENG, ZZ
[73] TENG, PING HUA, ZZ
[85] 2014-05-20
[86] 2011-11-22 (PCT/CN2011/001941)
[87] (WO2013/075263)

[11] **2,856,683**
[13] A1

[51] **Int.Cl. G01S 15/88 (2006.01) G01N 29/04 (2006.01) G01N 29/24 (2006.01)**
[25] EN
[54] **APPARATUS FOR NON-DESTRUCTIVE INSPECTION OF STRINGERS**
[54] **APPAREIL POUR INSPECTION NON DESTRUCTIVE DE RAIDISSEURS**
[72] SARR, DENNIS P., US
[72] BUI, HIEN T., US
[73] SARR, DENNIS P., ZZ
[73] BUI, HIEN T., ZZ
[73] THE BOEING COMPANY, US
[86] (2856683)
[87] (2856683)
[22] 2014-07-10
[30] US (13/975,599) 2013-08-26

[11] **2,856,743**
[13] A1

[51] **Int.Cl. G01N 33/28 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR ANALYZING DRILLING FLUID**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS D'ANALYSE DE BOUES DE FORAGE**
[72] JAMISON, DALE E., US
[72] MURPHY, ROBERT J., US
[72] BROUSSARD, SHAWN, US
[72] GONZALEZ, PETER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] JAMISON, DALE E., ZZ
[73] MURPHY, ROBERT J., ZZ
[73] BROUSSARD, SHAWN, ZZ
[73] GONZALEZ, PETER, ZZ
[85] 2014-05-22
[86] 2013-01-07 (PCT/US2013/020559)
[87] (WO2013/112274)
[30] US (13/358,872) 2012-01-26

[11] **2,857,440**
[13] A1

[51] **Int.Cl. B65D 5/481 (2006.01)**
[25] EN
[54] **DIVIDER BOXES AND THEIR ASSEMBLY**
[54] **BOITES A DIVISION ET LEUR ASSEMBLAGE**
[72] YOUELL, D. RUDOLPH, US
[72] SPENCER, AARON, US
[72] FISCO, MICHAEL, US
[73] YOUELL, D. RUDOLPH, ZZ
[73] SPENCER, AARON, ZZ
[73] FISCO, MICHAEL, ZZ
[73] DRYIP, LLC, US
[86] (2857440)
[87] (2857440)
[22] 2014-07-17
[30] US (14/093,763) 2013-12-02

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,858,769**
[13] A1

[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **SOLID FORMS OF (1R,4R)-6'-FLUORO-(N,N-DIMETHYL)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO-[CYCLOHEXANE-1,1'-PYRANO-[3,4,B]INDOL]-4-AMINE AND SULFURIC ACID**

[54] **FORMES SOLIDES DE (1R,4R)-6'-FLUORO-(N,N-DIMETHYL)-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4-B]INDOL]-4-AMINE ET D'ACIDE SULFURIQUE**

[72] GRUSS, MICHAEL, DE
[72] PRUHS, STEFAN, DE
[72] KLUGE, STEFAN, CH
[73] GRUNENTHAL GMBH, DE
[73] GRUSS, MICHAEL, ZZ
[73] PRUHS, STEFAN, ZZ
[73] KLUGE, STEFAN, ZZ
[85] 2014-06-10
[86] 2012-12-11 (PCT/EP2012/075004)
[87] (WO2013/087591)
[30] EP (11009774.8) 2011-12-12

[11] **2,859,458**
[13] A1

[51] **Int.Cl. A01K 5/00 (2006.01) A01N 25/00 (2006.01) A01N 25/04 (2006.01) A01P 7/04 (2006.01) A01P 11/00 (2006.01)**

[25] EN

[54] **A CONSUMABLE AQUEOUS GEL FOR USE IN PEST CONTROL, A PEST CONTROL DEVICE COMPRISING AN AQUEOUS GEL, AND THE USE OF AN AQUEOUS GEL IN A PEST CONTROL DEVICE AND IN A METHOD OF CONTROLLING PESTS**

[54] **GEL AQUEUX CONSOMMABLE UTILISABLE DANS LA LUTTE CONTRE LES NUISIBLES, DISPOSITIF DE LUTTE CONTRE LES NUISIBLES COMPRENANT UN GEL AQUEUX ET UTILISATION D'UN GEL AQUEUX DANS UN DISPOSITIF DE LUTTE CONTRE LES NUISIBLES ET DANS UN PROCEDE DE LUTTE CONTRE LES NUISIBLES**

[72] BAJOMI, DANIEL, HU
[72] DARU, JANOS, HU
[72] FEKETE, LAJOS, HU
[72] HALASI, ATILA, HU
[72] POZSAR, VINCE, HU
[72] SCHMIDT, JOZSEF, HU
[72] SZILAGYI, JANOS, HU
[72] TAKACS, LAZLO, HU
[72] TOMCSIK, JOZSEF, HU
[73] BABOLNA BIO LTD, HU
[73] BAJOMI, DANIEL, ZZ
[73] DARU, JANOS, ZZ
[73] FEKETE, LAJOS, ZZ
[73] HALASI, ATILA, ZZ
[73] POZSAR, VINCE, ZZ
[73] SCHMIDT, JOZSEF, ZZ
[73] SZILAGYI, JANOS, ZZ
[73] TAKACS, LAZLO, ZZ
[73] TOMCSIK, JOZSEF, ZZ
[85] 2014-06-16
[86] 2011-12-22 (PCT/IB2011/003263)
[87] (WO2013/093543)

[11] **2,861,365**
[13] A1

[51] **Int.Cl. B32B 37/02 (2006.01) B42D 25/465 (2014.01) B29C 59/02 (2006.01) B32B 37/12 (2006.01) B32B 38/18 (2006.01) B42D 15/02 (2006.01) G09F 3/02 (2006.01)**

[25] EN

[54] **MULTI-LAYER FORMS AND METHODS OF MANUFACTURING THE SAME**

[54] **FORMES A COUCHES MULTIPLES ET LEURS PROCEDES DE FABRICATION**

[72] JOHNSON, JOSHUA, US
[72] BAETEN, LYNN, US
[72] WOOD, ERIC M., US
[72] PULLEY, KEVIN, US
[73] JOHNSON, JOSHUA, ZZ
[73] BAETEN, LYNN, ZZ
[73] WOOD, ERIC M., ZZ
[73] PULLEY, KEVIN, ZZ
[73] R. R. DONNELLEY & SONS COMPANY, US
[86] (2861365)
[87] (2861365)
[22] 2014-08-29
[30] US (14/025,570) 2013-09-12

[11] **2,861,536**
[13] A1

[51] **Int.Cl. G06F 17/10 (2006.01) G06F 17/18 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR SELECTING FACIES MODEL REALIZATIONS**

[54] **SYSTEMES ET PROCEDES POUR LA SELECTION DE REALISATIONS DE MODELE DE FACIES**

[72] YARUS, JEFFREY, US
[72] MAUCEC, MARKO, US
[72] CHAMBERS, RICHARD, US
[72] SHI, GENBAO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] YARUS, JEFFREY, ZZ
[73] MAUCEC, MARKO, ZZ
[73] CHAMBERS, RICHARD, ZZ
[73] SHI, GENBAO, ZZ
[85] 2014-07-17
[86] 2012-02-10 (PCT/US2012/024651)
[87] (WO2013/119245)

**Canadian Patents Issued
October 24, 2017**

[11] **2,861,955**
[13] A1

[51] **Int.Cl. H02J 3/01 (2006.01) F03D 9/25 (2016.01) H02J 3/38 (2006.01) H02P 9/00 (2006.01)**

[25] EN

[54] **WIND FARM HARMONIC PREDICTOR, AND METHOD THEREFOR**

[54] **PREDICTEUR D'OSCILLATIONS HARMONIQUES POUR PARC D'EOLIENNES ET PROCEDE CORRESPONDANT**

[72] LETAS, HEINZ-HERMANN, DE
[73] SENVION SE, DE
[73] LETAS, HEINZ-HERMANN, ZZ
[85] 2014-07-18
[86] 2013-01-24 (PCT/EP2013/051311)
[87] (WO2013/110691)
[30] US (61/590,100) 2012-01-24

[11] **2,862,990**
[13] A1

[51] **Int.Cl. C07D 211/46 (2006.01) A61K 31/4465 (2006.01) A61P 13/02 (2006.01) C07B 59/00 (2006.01)**

[25] EN

[54] **NOVEL ACETIC ACID ESTER COMPOUND OR SALT THEREOF**

[54] **NOUVEAU COMPOSE ESTER D'ACIDE ACETIQUE OU SEL DE CE COMPOSE**

[72] NANRI, MASATO, JP
[72] IWASAWA, YOSHIKAZU, JP
[72] SAKAKIBARA, FUKUMITSU, JP
[72] AOKI, SHINICHI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[73] NANRI, MASATO, ZZ
[73] IWASAWA, YOSHIKAZU, ZZ
[73] SAKAKIBARA, FUKUMITSU, ZZ
[73] AOKI, SHINICHI, ZZ
[85] 2014-07-28
[86] 2013-01-25 (PCT/JP2013/051533)
[87] (WO2013/115077)
[30] JP (2012-016685) 2012-01-30

[11] **2,862,997**
[13] A1

[51] **Int.Cl. F02K 3/06 (2006.01) F02C 7/00 (2006.01) F04D 29/38 (2006.01)**

[25] EN

[54] **FAN ROTOR BLADE OF AIRCRAFT JET ENGINE**

[54] **AILETTE DE ROTOR DE SOUFFLANTE D'UN MOTEUR A REACTION POUR AERONEF**

[72] YAGI, HIROYUKI, JP
[72] KUROKI, HIROSHI, JP
[72] OBUCHI, KENRO, JP
[73] IHI CORPORATION, JP
[73] YAGI, HIROYUKI, ZZ
[73] KUROKI, HIROSHI, ZZ
[73] OBUCHI, KENRO, ZZ
[85] 2014-07-28
[86] 2013-01-30 (PCT/JP2013/051968)
[87] (WO2013/115210)
[30] JP (2012-017133) 2012-01-30

[11] **2,864,205**
[13] A1

[51] **Int.Cl. F16F 15/03 (2006.01) B64C 1/00 (2006.01) B64C 1/26 (2006.01) F16F 6/00 (2006.01)**

[25] EN

[54] **MOTION-DAMPING SYSTEMS AND METHODS INCLUDING THE SAME**

[54] **SYSTEMES D'AMORTISSEMENT DE MOUVEMENT ET PROCEDES LES COMPRENANT**

[72] HULL, JOHN RALPH, US
[72] STRASIK, MICHAEL, US
[72] MARTIG, THOMAS H., US
[73] THE BOEING COMPANY, US
[73] HULL, JOHN RALPH, ZZ
[73] STRASIK, MICHAEL, ZZ
[73] MARTIG, THOMAS H., ZZ
[86] (2864205)
[87] (2864205)
[22] 2014-09-18
[30] US (14/104,992) 2013-12-12

[11] **2,864,373**
[13] A1

[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/00 (2006.01) B23B 27/04 (2006.01) B23B 29/02 (2006.01)**

[25] EN

[54] **LEFT-HANDED AND RIGHT-HANDED CUTTING TOOL**

[54] **OUTIL DE COUPE POUR COUPE A GAUCHE ET COUPE A DROITE**

[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2014-08-12
[86] 2013-03-19 (PCT/IL2013/050258)
[87] (WO2013/153548)
[30] US (13/443,565) 2012-04-10

[11] **2,865,373**
[13] A1

[51] **Int.Cl. B23B 27/16 (2006.01)**

[25] EN

[54] **CUTTING TOOL AND CUTTING INSERT THEREFOR**

[54] **OUTIL DE COUPE ET INSERT DE COUPE CORRESPONDANT**

[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2014-08-22
[86] 2013-02-07 (PCT/IL2013/050118)
[87] (WO2013/132479)
[30] US (13/413, 387) 2012-03-06

[11] **2,865,732**
[13] A1

[51] **Int.Cl. B61D 49/00 (2006.01)**

[25] EN

[54] **SPRING-STYLE AIR BRAKE HOSE SUPPORT**

[54] **SUPPORT DE TUYAU SOUPLE D'ACCOUPLLEMENT DE FREIN A AIR DE TYPE A RESSORT**

[72] MAKI, BRIAN G., US
[73] IRECO, LLC, US
[73] MAKI, BRIAN G., ZZ
[86] (2865732)
[87] (2865732)
[22] 2014-09-30
[30] US (14/102,049) 2013-12-10

Brevets canadiens délivrés
24 octobre 2017

[11] **2,866,029**
[13] A1

[51] **Int.Cl. D03D 15/00 (2006.01)**
[25] EN
[54] **HYBRID THREE-DIMENSIONAL WOVEN/LAMINATED STRUTS FOR COMPOSITE STRUCTURAL APPLICATIONS**
[54] **ENTRETOISES TRIDIMENSIONNELLES HYBRIDES TISSEES OU STRATIFIEES POUR ELEMENTS STRUCTURELS COMPOSITES**
[72] GOERING, JONATHAN, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[73] GOERING, JONATHAN, ZZ
[86] (2866029)
[87] (2866029)
[22] 2006-11-02
[62] 2,629,546
[30] US (11/281,063) 2005-11-17

[11] **2,866,074**
[13] A1

[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
[25] EN
[54] **BRA WITH TWO LAYERS OF SUPPORT**
[54] **SOUTIEN-GORGE OFFRANT DEUX COUCHES DE SOUTIEN**
[72] RANDALL, TRACEY, US
[72] MUHLENFELD, STEPHANIE KRISTIN, US
[73] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[73] RANDALL, TRACEY, ZZ
[73] MUHLENFELD, STEPHANIE KRISTIN, ZZ
[86] (2866074)
[87] (2866074)
[22] 2014-10-06
[30] US (29/485,614) 2014-03-20
[30] US (29/485,615) 2014-03-20
[30] US (14/325,992) 2014-07-08

[11] **2,866,362**
[13] A1

[51] **Int.Cl. G06T 11/80 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM FOR DIVIDING IMAGE DATA INTO A FOREGROUND AREA AND A BACKGROUND AREA**
[54] **APPAREIL DE TRAITEMENT D'IMAGE, METHODE DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT LISIBLE A L'ORDINATEUR SERVANT A SEPARER LES DONNEES IMAGES EN ZONE D'AVANT-PLAN ET EN ZONE D'ARRIERE-PLAN**
[72] HIKIDA, SATOSHI, JP
[73] RICOH COMPANY, LTD., JP
[73] HIKIDA, SATOSHI, ZZ
[85] 2014-09-04
[86] 2013-03-11 (PCT/JP2013/057332)
[87] (WO2013/141144)
[30] JP (2012-062103) 2012-03-19

[11] **2,866,555**
[13] A1

[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/00 (2006.01)**
[25] EN
[54] **FENDER WELL FAIRING**
[54] **CARENAGE D'AILE**
[72] SMITH, JEFFREY P., US
[73] PACCAR INC, US
[73] SMITH, JEFFREY P., ZZ
[86] (2866555)
[87] (2866555)
[22] 2014-10-01
[30] US (14/500,151) 2014-09-29

[11] **2,866,578**
[13] A1

[51] **Int.Cl. H04L 12/947 (2013.01)**
[25] EN
[54] **LAYER 2 ADAPTER SELECTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR SELECTIONNER UN ADAPTATEUR DE COUCHE 2**
[72] WANG, JINLIN, CN
[72] WANG, LINGFANG, CN
[72] YOU, JIALI, CN
[72] DENG, FENG, CN
[73] INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES, CN
[73] BEIJING INTELLIX TECHNOLOGY COMPANY LIMITED, CN
[73] WANG, JINLIN, ZZ
[73] WANG, LINGFANG, ZZ
[73] YOU, JIALI, ZZ
[73] DENG, FENG, ZZ
[85] 2014-09-08
[86] 2012-12-28 (PCT/CN2012/087895)
[87] (WO2014/089888)
[30] CN (201210544561.9) 2012-12-14

[11] **2,866,627**
[13] A1

[51] **Int.Cl. C08K 5/10 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **BIOBASED PLASTICIZER AND SURFACE COVERING EMPLOYING SAME**
[54] **PLASTIFIANT D'ORIGINE BIOLOGIQUE ET REVETEMENT DE SURFACE UTILISANT CELUI-CI**
[72] DAVIES, MARY KATE, US
[72] TIAN, DONG, US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[73] DAVIES, MARY KATE, ZZ
[73] TIAN, DONG, ZZ
[85] 2014-09-05
[86] 2013-03-19 (PCT/US2013/033027)
[87] (WO2013/142534)
[30] US (13/423,358) 2012-03-19

Canadian Patents Issued
October 24, 2017

[11] **2,866,820**
[13] A1
[51] **Int.Cl. H01R 39/24 (2006.01)**
[25] EN
[54] **IMPROVED FIBER-ON-TIP CONTACT DESIGN BRUSH ASSEMBLIES**
[54] **ENSEMBLES DE BROSE AMELIORES DE CONCEPTION A CONTACT FIBRE-SUR-POINTE**
[72] LEWIS, NORRIS E., US
[72] PERDUE, JERRY T., US
[73] MOOG INC., US
[73] LEWIS, NORRIS E., ZZ
[73] PERDUE, JERRY T., ZZ
[85] 2014-09-09
[86] 2012-03-13 (PCT/US2012/000137)
[87] (WO2013/137843)

[11] **2,867,050**
[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **GARMENT THAT CLINGS TO A WEARER'S SKIN AND METHOD OF MANUFACTURE THEREOF**
[54] **VETEMENT COLLANT A LA PEAU DE LA PERSONNE QUI LE PORTE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] MARTINET, NATHALIE, HK
[72] VANSIA, MAYUR, US
[72] YIP, SUET HING, HK
[73] MARTINET, NATHALIE, ZZ
[73] VANSIA, MAYUR, ZZ
[73] YIP, SUET HING, ZZ
[73] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[86] (2867050)
[87] (2867050)
[22] 2014-10-08
[30] US (61/892,678) 2013-10-18
[30] US (14/505,895) 2014-10-03

[11] **2,867,104**
[13] A1
[51] **Int.Cl. F16K 1/38 (2006.01) H01M 8/04089 (2016.01) F16K 17/30 (2006.01) F16K 47/02 (2006.01) F16K 47/04 (2006.01)**
[25] EN
[54] **POPPET VALVE**
[54] **SOUPAPE A CHAMPIGNON**
[72] NAKAMURA, YOSHINARI, JP
[72] NAGATA, KIYOKAZU, JP
[72] KAGAWA, TOSHIHARU, JP
[72] YOUN, CHONGHO, JP
[73] TOKYO INSTITUTE OF TECHNOLOGY, JP
[73] NAKAMURA, YOSHINARI, ZZ
[73] NAGATA, KIYOKAZU, ZZ
[73] KAGAWA, TOSHIHARU, ZZ
[73] YOUN, CHONGHO, ZZ
[73] KYB CORPORATION, JP
[85] 2014-09-11
[86] 2013-03-15 (PCT/JP2013/057546)
[87] (WO2013/137467)
[30] JP (2012-059446) 2012-03-15

[11] **2,867,912**
[13] A1
[51] **Int.Cl. C08H 7/00 (2011.01) B27N 3/00 (2006.01) C08G 8/20 (2006.01) C08L 97/00 (2006.01) C08L 97/02 (2006.01) C09J 161/12 (2006.01) C09J 197/00 (2006.01)**
[25] EN
[54] **USE OF LOW MOLECULAR WEIGHT LIGNIN TOGETHER WITH LIGNIN FOR THE PRODUCTION OF A PHENOL-FORMALDEHYDE BINDER COMPOSITION**
[54] **UTILISATION DE LIGNINE A FAIBLE POIDS MOLECULAIRE AVEC DE LA LIGNINE POUR PRODUIRE UNE COMPOSITION DE LIANT DE PHENOL-FORMALDEHYDE**
[72] VALKONEN, SANNA, FI
[72] PIETARINEN, SUVI, FI
[72] RINGENA, OKKO, DE
[72] ESKELINEN, KATI, FI
[73] UPM-KYMMENE CORPORATION, FI
[73] VALKONEN, SANNA, ZZ
[73] PIETARINEN, SUVI, ZZ
[73] RINGENA, OKKO, ZZ
[73] ESKELINEN, KATI, ZZ
[85] 2014-09-19
[86] 2013-03-28 (PCT/FI2013/050352)
[87] (WO2013/144453)
[30] FI (20125357) 2012-03-29

[11] **2,868,796**
[13] A1
[51] **Int.Cl. G21G 4/02 (2006.01) G21K 7/00 (2006.01)**
[25] EN
[54] **NEUTRON GENERATING SOURCE**
[54] **SOURCE DE NEUTRONS**
[72] YOO, SUK JAE, KR
[72] KIM, SEONG BONG, KR
[72] YOON, JUNG-SIK, KR
[73] KOREA BASIC SCIENCE INSTITUTE, KR
[73] YOO, SUK JAE, ZZ
[73] KIM, SEONG BONG, ZZ
[73] YOON, JUNG-SIK, ZZ
[85] 2014-09-23
[86] 2013-04-01 (PCT/KR2013/002667)
[87] (WO2013/151284)
[30] KR (10-2012-0033751) 2012-04-02

[11] **2,868,815**
[13] A1
[51] **Int.Cl. C07K 14/325 (2006.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) A23D 9/00 (2006.01) C07K 14/32 (2006.01) C12N 5/10 (2006.01) C12N 15/32 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PROTEINS TOXIC TO HEMIPTERAN INSECT SPECIES**
[54] **PROTEINES TOXIQUES POUR DES ESPECES D'INSECTES HEMIPTERES**
[72] BAUM, JAMES A., US
[72] EVDOKIMOV, ARTEM G., US
[72] MOSHIRI, FARHAD, US
[72] RYDEL, TIMOTHY J., US
[72] STURMAN, ERIC J., US
[72] VON RECHENBERG, MORITZ, US
[72] VU, HALONG, US
[72] WOLLACOTT, ANDREW M., US
[72] ZHENG, MEIYING, US
[73] MONSANTO TECHNOLOGY LLC, US
[73] BAUM, JAMES A., ZZ
[73] EVDOKIMOV, ARTEM G., ZZ
[73] MOSHIRI, FARHAD, ZZ
[73] RYDEL, TIMOTHY J., ZZ
[73] STURMAN, ERIC J., ZZ
[73] VON RECHENBERG, MORITZ, ZZ
[73] VU, HALONG, ZZ
[73] WOLLACOTT, ANDREW M., ZZ
[73] ZHENG, MEIYING, ZZ
[85] 2014-09-26
[86] 2013-04-05 (PCT/US2013/035388)
[87] (WO2013/152264)
[30] US (61/621,436) 2012-04-06

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,869,177**

[13] A1

- [51] **Int.Cl. E21B 15/00 (2006.01)**
[25] EN
[54] **BI-DIRECTIONALLY RAISABLE DRILLING RIG MAST**
[54] **MAT D'INSTALLATION DE FORAGE BIDIRECTIONNELLEMENT RELEVABLE**
[72] DONNALLY, ROBERT BENJAMIN, CN
[72] REN, CHUNQIAO, CN
[72] LIU, XILIN, CN
[73] NATIONAL OILWELL VARCO, L.P., US
[73] DONNALLY, ROBERT BENJAMIN, ZZ
[73] REN, CHUNQIAO, ZZ
[73] LIU, XILIN, ZZ
[85] 2014-09-30
[86] 2013-04-24 (PCT/US2013/037906)
[87] (WO2013/163252)
[30] US (61/637,677) 2012-04-24
[30] US (13/868,696) 2013-04-23

[11] **2,869,405**

[13] A1

- [51] **Int.Cl. F25D 29/00 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROLLED DISPLAY CABINET, IN PARTICULAR A FREEZER ISLAND, COMPRISING A DOOR**
[54] **MEUBLE PRESENTOIR A TEMPERATURE REGULEE, EN PARTICULIER UN ILOT DE CONGELATION, COMPORTANT UNE PORTE**
[72] HEINAVAARA, KIMMO, FI
[72] MYKKANEN, MIKKO, FI
[73] NORPE OY, FI
[73] HEINAVAARA, KIMMO, ZZ
[73] MYKKANEN, MIKKO, ZZ
[86] (2869405)
[87] (2869405)
[22] 2014-10-31
[30] FI (20136075) 2013-11-01
[30] FI (20145294) 2014-03-28

[11] **2,869,748**

[13] A1

- [51] **Int.Cl. A61K 47/24 (2006.01) A61K 9/127 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **VEHICLES FOR CONTROLLED DELIVERY OF DIFFERENT PHARMACEUTICAL AGENTS**
[54] **VEHICULES POUR L'ADMINISTRATION CONTROLEE DE DIFFERENTS AGENTS PHARMACEUTIQUES**
[72] FAHMY, TAREK M., US
[72] STERN, ERIC, US
[72] FLAVELL, RICHARD A., US
[72] PARK, JASON, US
[72] SIEFERT, ALYSSA, US
[72] WRZESINSKI, STEPHEN H., US
[73] YALE UNIVERSITY, US
[73] FAHMY, TAREK M., ZZ
[73] STERN, ERIC, ZZ
[73] FLAVELL, RICHARD A., ZZ
[73] PARK, JASON, ZZ
[73] SIEFERT, ALYSSA, ZZ
[73] WRZESINSKI, STEPHEN H., ZZ
[85] 2014-10-03
[86] 2013-04-12 (PCT/US2013/036487)
[87] (WO2013/155487)
[30] US (61/623,486) 2012-04-12
[30] US (61/747,624) 2012-12-31
[30] US (61/747,614) 2012-12-31

[11] **2,870,158**

[13] A1

- [51] **Int.Cl. A61K 31/045 (2006.01) A61K 9/00 (2006.01) A61K 31/7004 (2006.01) A61K 36/28 (2006.01) A61K 36/53 (2006.01) A61P 11/12 (2006.01)**
[25] EN
[54] **XYLITOL-BASED ANTI-MUCOSAL COMPOSITIONS AND RELATED METHODS AND COMPOSITIONS**
[54] **COMPOSITIONS ANTI-MUQUEUSES A BASE DE XYLITOL, PROCEDES AFFERENTS ET COMPOSITIONS AFFERENTES**
[72] JONES, ALONZO H., US
[72] JONES, NATHAN, US
[73] XLEAR, INC., US
[73] JONES, ALONZO H., ZZ
[73] JONES, NATHAN, ZZ
[85] 2014-10-09
[86] 2013-05-28 (PCT/US2013/042925)
[87] (WO2013/177594)
[30] US (61/651,741) 2012-05-25

[11] **2,870,682**

[13] A1

- [51] **Int.Cl. B05D 3/12 (2006.01) B24C 3/00 (2006.01) C23C 24/04 (2006.01)**
[25] EN
[54] **INTEGRATED FLUIDJET SYSTEM FOR STRIPPING, PREPPING AND COATING A PART**
[54] **SYSTEME DE JET FLUIDE INTEGRE POUR DECAPER, PREPARER ET ENDUIRE UNE PIECE**
[72] VIJAY, MOHAN M., CA
[72] XU, MEISHENG M., CA
[72] PANARELLA, EMILIO, CA
[72] YAN, WENZHUO, CA
[72] TIEU, ANDREW HUNG, CA
[72] DANIELS, BRUCE R., CA
[73] VLN ADVANCED TECHNOLOGIES INC., CA
[73] VIJAY, MOHAN M., CA
[73] XU, MEISHENG M., CA
[73] PANARELLA, EMILIO, CA
[73] YAN, WENZHUO, CA
[73] TIEU, ANDREW HUNG, CA
[73] DANIELS, BRUCE R., CA
[86] (2870682)
[87] (2870682)
[22] 2014-11-10
[30] US (61/901,676) 2013-11-08

[11] **2,870,855**

[13] A1

- [51] **Int.Cl. B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING TOOL HOLDER HAVING LEVER PIN**
[54] **OUTIL DE COUPE ET SUPPORT D'OUTIL DE COUPE COMPORTANT UNE TIGE DE LEVIER**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2014-10-17
[86] 2013-03-19 (PCT/IL2013/050256)
[87] (WO2013/156991)
[30] US (13/450,691) 2012-04-19

**Canadian Patents Issued
October 24, 2017**

[11] **2,872,049**
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01) A61K 47/36 (2006.01) B01J 13/04 (2006.01) C08J 3/075 (2006.01) C08J 3/20 (2006.01) C08J 5/18 (2006.01) C08L 3/02 (2006.01) C08L 5/00 (2006.01)**

[25] EN

[54] **COMPOUNDING AND EXTRUDING METHOD FOR PRODUCING STARCH SOFTGEL CAPSULES**

[54] **PROCEDE DE MELANGE ET D'EXTRUSION DESTINE A LA PRODUCTION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**

[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
[72] ZHANG, JIAWEI, CN
[73] SHUAI, FANGWEN, ZZ
[73] ZHANG, NUOZI, ZZ
[73] WANG, XIANGFENG, ZZ
[73] ZHANG, JIAWEI, ZZ
[73] HUNAN ER-KANG PHARMACEUTICAL CO., LTD., CN

[86] (2872049)
[87] (2872049)
[22] 2014-11-25

[11] **2,872,774**
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) D21H 15/06 (2006.01) D21H 27/30 (2006.01)**

[25] EN

[54] **FIBROUS STRUCTURES AND METHODS FOR MAKING SAME**

[54] **STRUCTURES FIBREUSES ET LEURS PROCEDES DE FABRICATION**

[72] BARNHOLTZ, STEVEN LEE, US
[72] SUER, MICHAEL DONALD, US
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] TROKHAN, PAUL DENNIS, US
[72] SCHMIDT, MATTIAS, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] BARNHOLTZ, STEVEN LEE, ZZ
[73] SUER, MICHAEL DONALD, ZZ
[73] YOUNG, CHRISTOPHER MICHAEL, ZZ
[73] TROKHAN, PAUL DENNIS, ZZ
[73] SCHMIDT, MATTIAS, ZZ

[85] 2014-11-05
[86] 2013-05-08 (PCT/US2013/040111)
[87] (WO2013/169885)
[30] US (61/644,091) 2012-05-08

[11] **2,873,330**
[13] A1

[51] **Int.Cl. C12P 1/00 (2006.01) A61L 2/02 (2006.01) B01F 11/02 (2006.01) B01J 19/10 (2006.01) C02F 1/34 (2006.01) C08G 63/78 (2006.01) C10L 1/08 (2006.01) C11C 3/00 (2006.01) C12M 1/42 (2006.01) C12N 13/00 (2006.01) C12P 7/64 (2006.01) C07C 67/02 (2006.01)**

[25] EN

[54] **CAVITATION GENERATION MECHANISMS AND THEIR USE IN FERMENTATION AND WASTEWATER AND SAND CLEANING PROCESSES**

[54] **MECANISMES DE GENERATION DE CAVITATION ET LEUR UTILISATION DANS LA FERMENTATION ET LES PROCEDES DE NETTOYAGE DES EAUX USEES ET DU SABLE**

[72] ACKERMANN, HEIKO, DE
[72] HEPTING, EMIL, DE
[73] ABS APPARATE, BEHALTER- UND SONDERANLAGENBAU GMBH, DE
[73] ACKERMANN, HEIKO, ZZ
[73] HEPTING, EMIL, ZZ

[86] (2873330)
[87] (2873330)
[22] 2014-12-04
[30] US (14/102,279) 2013-12-10

[11] **2,872,050**
[13] A1

[51] **Int.Cl. B29C 47/06 (2006.01) A61J 3/07 (2006.01)**

[25] EN

[54] **MIXING AND EXTRUDING METHOD FOR PREPARING STARCH SOFTGEL CAPSULES**

[54] **PROCEDE DE MELANGE ET D'EXTRUSION DESTINE A LA PREPARATION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**

[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
[72] ZHANG, JIAWEI, CN
[73] SHUAI, FANGWEN, ZZ
[73] ZHANG, NUOZI, ZZ
[73] WANG, XIANGFENG, ZZ
[73] ZHANG, JIAWEI, ZZ
[73] HUNAN ER-KANG PHARMACEUTICAL CO., LTD., CN

[86] (2872050)
[87] (2872050)
[22] 2014-11-25

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,873,390**
[13] A1

[51] **Int.Cl. C07F 7/30 (2006.01) A61K 31/28 (2006.01) A61P 31/22 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **COMPLEX COMPOUNDS OF GERMANIUM, METHODS FOR PRODUCING SAME, AND DRUGS COMPOSES COMPLEXES DE GERMANIUM, PROCEDES DE LEUR PRODUCTION ET MEDICAMENTS**

[72] ISAEV, ALEXANDR DMITRIEVICH, RU

[72] AMBROSOV, IGOR VALERIEVICH, RU

[72] MANASHEROV, TAMAZ OMAROVICH, RU

[72] MATELO, SVETLANA KONSTANTINOVNA, RU

[73] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "WDS FARMA", RU

[73] ISAEV, ALEXANDR DMITRIEVICH, ZZ

[73] AMBROSOV, IGOR VALERIEVICH, ZZ

[73] MANASHEROV, TAMAZ OMAROVICH, ZZ

[73] MATELO, SVETLANA KONSTANTINOVNA, ZZ

[85] 2014-11-12

[86] 2012-11-01 (PCT/RU2012/000897)

[87] (WO2013/172732)

[30] RU (2012120329) 2012-05-16

[11] **2,873,528**
[13] A1

[51] **Int.Cl. B03B 5/26 (2006.01) B01D 21/26 (2006.01)**

[25] EN

[54] **VORTEX-INDUCING SLUICE BOX SLUICE INDUISANT UN TOURBILLON**

[72] BOWLBY, KIMBERLY, CA

[73] HINES, DAVID, CA

[73] BOWLBY, KIMBERLY, CA

[86] (2873528)

[87] (2873528)

[22] 2014-12-04

[11] **2,874,466**
[13] A1

[51] **Int.Cl. B01F 5/04 (2006.01) B01F 3/08 (2006.01) B01F 5/06 (2006.01) B01F 3/10 (2006.01)**

[25] EN

[54] **STATIC MIXER MELANGEUR STATIQUE**

[72] JANZ, ERIC EDWARD ANTONIO, US

[73] CHEMINEER, INC., US

[73] JANZ, ERIC EDWARD ANTONIO, ZZ

[85] 2014-11-20

[86] 2013-06-14 (PCT/US2013/045770)

[87] (WO2013/188726)

[30] US (61/660,196) 2012-06-15

[11] **2,875,303**
[13] A1

[51] **Int.Cl. G01J 5/20 (2006.01)**

[25] EN

[54] **UNCOOLED MICROBOLOMETER PIXEL AND ARRAY FOR CONFIGURABLE BROADBAND AND MULTI-FREQUENCY TERAHERTZ DETECTION**

[54] **PIXEL DE MICROBOLOMETRIE NON REFROIDI ET RESEAU POUR LA DETECTION D'UNE LARGE BANDE CONFIGURABLE ET D'UN TERAHERTZ MULTIFREQUENCES**

[72] OULACHGAR, HASSANE, CA

[72] ALAIN, CHRISTINE, CA

[73] INSTITUT NATIONAL D'OPTIQUE, CA

[73] OULACHGAR, HASSANE, CA

[73] ALAIN, CHRISTINE, CA

[86] (2875303)

[87] (2875303)

[22] 2014-12-17

[11] **2,875,315**
[13] A1

[51] **Int.Cl. C08J 9/14 (2006.01)**

[25] EN

[54] **COMPOSITIONS OF TETRAFLUOROPROPENE AND HYDROCARBONS**

[54] **COMPOSITIONS DE TETRAFLUOROPROPENE ET D'HYDROCARBURES**

[72] KNOPECK, GARY M., US

[72] COOK, KANE D., US

[72] SINGH, RAJIV R., US

[72] PHAM, HANG T., US

[73] HONEYWELL INTERNATIONAL INC., US

[73] KNOPECK, GARY M., ZZ

[73] COOK, KANE D., ZZ

[73] SINGH, RAJIV R., ZZ

[73] PHAM, HANG T., ZZ

[86] (2875315)

[87] (2875315)

[22] 2008-02-20

[62] 2,691,584

[30] US (11/773,958) 2007-07-05

[11] **2,875,557**
[13] A1

[51] **Int.Cl. A23K 20/10 (2016.01) A23K 20/00 (2016.01) A23K 20/195 (2016.01) A23K 50/80 (2016.01) A01N 41/12 (2006.01) A01N 47/46 (2006.01) A01N 65/00 (2009.01) A01P 17/00 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01) A61K 36/8962 (2006.01) A61P 33/00 (2006.01)**

[25] EN

[54] **METHODS AND FEED COMPOSITIONS FOR MASKING OF FISH SEMIOCHEMICALS**

[54] **PROCEDES ET COMPOSITIONS D'ALIMENTS POUR MASQUER DES PRODUITS SEMIOCHIMIQUES POUR POISSONS**

[72] WADSWORTH, SIMON, NO

[72] PINO, JORGE, CL

[72] MORDUE, JENNY, GB

[72] VECINO, JOSE LUIS GONZALEZ, NO

[73] WADSWORTH, SIMON, ZZ

[73] PINO, JORGE, ZZ

[73] MORDUE, JENNY, ZZ

[73] VECINO, JOSE LUIS GONZALEZ, ZZ

[73] EWOS INNOVATION AS, NO

[86] (2875557)

[87] (2875557)

[22] 2010-12-02

[62] 2,782,653

[30] NO (20093460) 2009-12-02

**Canadian Patents Issued
October 24, 2017**

[11] **2,875,565**
[13] A1

[51] **Int.Cl. E03B 9/00 (2006.01) E03B 9/20 (2006.01) E03C 1/05 (2006.01)**
[25] EN
[54] **DRINKING FOUNTAIN FLOW CONTROL**
[54] **COMMANDE DE DEBIT DE FONTAINE D'EAU POTABLE**
[72] SMITH, DAVID, CA
[73] SMITH, DAVID, CA
[86] (2875565)
[87] (2875565)
[22] 2014-12-23

[11] **2,875,719**
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/107 (2012.01) G01V 1/18 (2006.01) G01V 1/20 (2006.01)**
[25] EN
[54] **MICROSEISMIC MONITORING WITH FIBER-OPTIC NOISE MAPPING**
[54] **CONTROLE MICROSMIQUE AVEC CARTOGRAPHIE DE BRUIT SUR FIBRES OPTIQUES**
[72] PETRELLA, ALLAN, CA
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[73] PETRELLA, ALLAN, CA
[73] ANDREYCHUK, MARK, CA
[73] ANGMAN, PER, CA
[73] KOBOLD CORPORATION, CA
[85] 2014-12-04
[86] 2013-06-11 (PCT/CA2013/050441)
[87] (WO2013/185225)
[30] US (61/658,277) 2012-06-11
[30] US (61/774,486) 2013-03-07

[11] **2,875,794**
[13] A1

[51] **Int.Cl. F04C 2/107 (2006.01) E21B 4/02 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **TACHOMETER FOR DOWNHOLE DRILLING MOTOR**
[54] **COMPTE-TOURS POUR MOTEUR DE FORAGE DE FOND**
[72] TEODORESCU, SORIN GABRIEL, US
[72] BIRSE, SCOTT D., GB
[72] ODELL, ALBERT C., II, US
[73] TEODORESCU, SORIN GABRIEL, ZZ
[73] BIRSE, SCOTT D., ZZ
[73] ODELL, ALBERT C., II, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-12-04
[86] 2013-06-07 (PCT/US2013/044665)
[87] (WO2013/185005)
[30] US (61/656,751) 2012-06-07

[11] **2,876,234**
[13] A1

[51] **Int.Cl. C10G 31/00 (2006.01) C10G 33/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PREDICTING THE STABILITY OF CRUDE OIL AND EMPLOYING SAME IN TRANSPORTING AND/OR REFINING THE CRUDE OIL**
[54] **PROCEDE POUR PREDIRE LA STABILITE DU PETROLE BRUT ET SON UTILISATION DANS LE TRANSPORT ET/OU LE RAFFINAGE DU PETROLE BRUT**
[72] RESPINI, MARCO, IT
[72] DELLA SALLA, GIUSEPPE, GB
[72] MEDINE, GAVIN M., GB
[72] SANDU, CORINA L., US
[72] PINNAPU, SAI REDDY, US
[73] BAKER HUGHES INCORPORATED, US
[73] RESPINI, MARCO, ZZ
[73] DELLA SALLA, GIUSEPPE, ZZ
[73] MEDINE, GAVIN M., ZZ
[73] SANDU, CORINA L., ZZ
[73] PINNAPU, SAI REDDY, ZZ
[85] 2014-12-09
[86] 2013-06-24 (PCT/US2013/047316)
[87] (WO2013/192611)
[30] US (61/663,441) 2012-06-22
[30] US (13/924,089) 2013-06-21

[11] **2,876,637**
[13] A1

[51] **Int.Cl. H01M 8/04298 (2016.01) H01M 8/04537 (2016.01) H02J 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FUEL CELL DEGRADATION MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION DE LA DEGRADATION DE PILE A COMBUSTIBLE**
[72] LIU, SHENGYI, US
[72] GAO, LIJUN, US
[72] BREIT, JOSEPH S., US
[73] THE BOEING COMPANY, US
[73] LIU, SHENGYI, ZZ
[73] GAO, LIJUN, ZZ
[73] BREIT, JOSEPH S., ZZ
[86] (2876637)
[87] (2876637)
[22] 2014-12-24
[30] US (14/180,883) 2014-02-14

[11] **2,878,023**
[13] A1

[51] **Int.Cl. E21B 23/04 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **PRESSURE ACTIVATED DOWN HOLE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FOND DE TROU ACTIONNES PAR PRESSION**
[72] ACOSTA, FRANK, US
[72] BUDLER, NICHOLAS F., US
[72] SZARKA, DAVID D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] ACOSTA, FRANK, ZZ
[73] BUDLER, NICHOLAS F., ZZ
[73] SZARKA, DAVID D., ZZ
[85] 2014-12-23
[86] 2013-08-05 (PCT/US2013/053552)
[87] (WO2014/028252)
[30] US (13/585,954) 2012-08-15

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,878,338**
[13] A1

[51] **Int.Cl. H01L 21/67 (2006.01) H05B 3/14 (2006.01) H05B 3/28 (2006.01)**
[25] EN
[54] **COMPOSITE SUBSTRATE FOR LAYERED HEATERS**
[54] **SUBSTRAT COMPOSITE POUR DISPOSITIFS DE CHAUFFAGE STRATIFIES**
[72] LINDLEY, JACOB R., US
[72] MEYER, DEAN J., US
[72] GLEW, ALEXANDER D., US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[73] LINDLEY, JACOB R., ZZ
[73] MEYER, DEAN J., ZZ
[73] GLEW, ALEXANDER D., ZZ
[85] 2015-01-02
[86] 2013-07-02 (PCT/US2013/049038)
[87] (WO2014/008241)
[30] US (13/541,006) 2012-07-03

[11] **2,878,813**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VERIFYING A FINANCIAL INSTRUMENT**
[54] **SYSTEME ET PROCEDE DE VERIFICATION D'UN INSTRUMENT FINANCIER**
[72] TEMPLETON, JAMES, US
[72] BHARGAVA, SANJAY, US
[73] PAYPAL, INC., US
[73] TEMPLETON, JAMES, ZZ
[73] BHARGAVA, SANJAY, ZZ
[86] (2878813)
[87] (2878813)
[22] 2001-07-10
[62] 2,412,184
[30] US (60/217,243) 2000-07-10
[30] US (60/217,202) 2000-07-10

[11] **2,878,948**
[13] A1

[51] **Int.Cl. H01M 4/88 (2006.01) D04H 1/4242 (2012.01) D04H 1/488 (2012.01) H01M 8/1004 (2016.01) H01M 8/1018 (2016.01)**
[25] EN
[54] **POROUS ELECTRODE SUBSTRATE, METHOD FOR MANUFACTURING SAME, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL**
[54] **SUBSTRAT D'ELECTRODE POREUX, PROCEDE DE FABRICATION DE CELUI-CI, ENSEMBLE MEMBRANE-ELECTRODE, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE**
[72] SUMIOKA, KAZUHIRO, JP
[73] SUMIOKA, KAZUHIRO, ZZ
[73] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2015-01-12
[86] 2013-07-18 (PCT/JP2013/069518)
[87] (WO2014/014055)
[30] JP (2012-161362) 2012-07-20

[11] **2,879,233**
[13] A1

[51] **Int.Cl. F24C 15/00 (2006.01) F24C 3/00 (2006.01) F24C 15/08 (2006.01)**
[25] EN
[54] **REFRACTORY COOKING DEVICES**
[54] **DISPOSITIFS DE CUISSON REFRACTAIRES**
[72] CASE, TIMOTHY M., US
[73] CASE, TIMOTHY M., US
[85] 2015-01-14
[86] 2013-07-12 (PCT/US2013/050350)
[87] (WO2014/014782)
[30] US (61/671,725) 2012-07-14

[11] **2,879,842**
[13] A1

[51] **Int.Cl. G01M 9/06 (2006.01)**
[25] EN
[54] **BOUNDARY LAYER FLOW SENSOR**
[54] **DETECTEUR DE FLUX DE COUCHE LIMITE**
[72] CROUCH, JEFFREY D., US
[73] THE BOEING COMPANY, US
[73] CROUCH, JEFFREY D., ZZ
[86] (2879842)
[87] (2879842)
[22] 2015-01-23
[30] US (14/261,594) 2014-04-25

[11] **2,880,173**
[13] A1

[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/04 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT WITH A STOPPER SURFACE**
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE AYANT UNE SURFACE D'ARRET**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[73] HECHT, GIL, ZZ
[85] 2015-01-26
[86] 2013-06-25 (PCT/IL2013/050536)
[87] (WO2014/016822)
[30] US (13/556,966) 2012-07-24

[11] **2,880,697**
[13] A1

[51] **Int.Cl. B29C 65/08 (2006.01) B65B 3/02 (2006.01)**
[25] EN
[54] **ULTRASONIC SEALING OF PACKAGES**
[54] **SCELLEMENT HERMETIQUE D'EMBALLAGE AUX ULTRASONS**
[72] CHAM, PAK MENG, US
[72] JORDAN, GLENN T., IV, US
[72] KOZMAN, AUSTIN, US
[72] FLOWERS, SEAN, US
[72] SHORT, MATTHEW, US
[73] CHAM, PAK MENG, ZZ
[73] JORDAN, GLENN T., IV, ZZ
[73] KOZMAN, AUSTIN, ZZ
[73] FLOWERS, SEAN, ZZ
[73] SHORT, MATTHEW, ZZ
[73] EWI, INC., US
[85] 2015-01-23
[86] 2013-08-02 (PCT/US2013/053478)
[87] (WO2014/022801)
[30] US (13/565,310) 2012-08-02

**Canadian Patents Issued
October 24, 2017**

[11] **2,880,770**
[13] A1

[51] **Int.Cl. B32B 7/06 (2006.01) A01G 9/14 (2006.01) B32B 7/04 (2006.01) B32B 27/00 (2006.01) B32B 27/06 (2006.01) B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01) B32B 27/40 (2006.01) B65D 90/04 (2006.01)**

[25] EN

[54] **MULTILAYER PLASTIC FILM WITH SEPARABLE LAYERS FOR COVERING OF INFLATED GREENHOUSE**

[54] **FILM DE MATIERE PLASTIQUE MULTI-COUCHE COMPRENANT DES COUCHE SEPARABLES POUR LA COUVERTURE D'UNE SERRE GONFLEE**

[72] LEMPIDAKIS, IOANNIS, GR
[72] LEMPIDAKIS, EMMANOUIL, GR
[72] LEMPIDAKIS, MICHAIL, GR
[72] MELAS, IOANNIS, GR
[72] VERTOUDAKIS, KONSTANTINOS, GR

[73] PLASTIKA KRITIS S.A., GR
[73] LEMPIDAKIS, IOANNIS, ZZ
[73] LEMPIDAKIS, EMMANOUIL, ZZ
[73] LEMPIDAKIS, MICHAIL, ZZ
[73] MELAS, IOANNIS, ZZ
[73] VERTOUDAKIS, KONSTANTINOS, ZZ

[85] 2015-02-03
[86] 2013-06-28 (PCT/EP2013/063722)
[87] (WO2014/023479)
[30] GB (1214177.6) 2012-08-08

[11] **2,880,886**
[13] A1

[51] **Int.Cl. A61L 2/14 (2006.01) A61L 2/10 (2006.01) A61L 2/16 (2006.01)**

[25] EN

[54] **REACTIVE OXIDATIVE SPECIES GENERATING MATERIALS AND METHODS OF USE**

[54] **MATERIAUX GENERANT DES ESPECES OXYDATIVES REACTIVES ET LEURS PROCEDES D'UTILISATION**

[72] BROWN, TIFFANY J., US
[72] LAFLEUR, ADAM S., US
[72] MAZICH, KENNETH, US
[72] TOWLER, JEFFREY C., US
[72] ZHANG, JI, US
[73] W.L. GORE & ASSOCIATES, INC., US
[73] BROWN, TIFFANY J., ZZ
[73] LAFLEUR, ADAM S., ZZ
[73] MAZICH, KENNETH, ZZ
[73] TOWLER, JEFFREY C., ZZ
[73] ZHANG, JI, ZZ

[85] 2015-02-04
[86] 2013-08-30 (PCT/US2013/057437)
[87] (WO2014/036353)
[30] US (61/695,432) 2012-08-31
[30] US (14/013,105) 2013-08-29

[11] **2,881,774**
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F02C 7/20 (2006.01) F02C 7/32 (2006.01)**

[25] EN

[54] **SEAL ASSEMBLY FOR A STATIC STRUCTURE OF A GAS TURBINE ENGINE**

[54] **ENSEMBLE JOINT POUR UNE STRUCTURE STATIQUE D'UN MOTEUR A TURBINE A GAZ**

[72] SZYMANSKI, GRACE E., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[73] SZYMANSKI, GRACE E., ZZ

[85] 2015-02-11
[86] 2013-01-31 (PCT/US2013/024071)
[87] (WO2014/051658)
[30] US (61/705,723) 2012-09-26

[11] **2,881,779**
[13] A1

[51] **Int.Cl. B41C 1/05 (2006.01) B41N 1/12 (2006.01) G03F 7/00 (2006.01) G03F 7/09 (2006.01) B41F 5/24 (2006.01)**

[25] EN

[54] **METHOD OF IMPROVING SURFACE CURE IN DIGITAL FLEXOGRAPHIC PRINTING PLATES**

[54] **PROCEDE D'AMELIORATION DE DURCISSEMENT SUPERFICIEL SUR DES PLAQUES D'IMPRESSON DE FLEXOGRAPHIE NUMERIQUE**

[72] CHOI, JONGHAN, US
[72] O'BRATE, KERRY, US
[73] CHOI, JONGHAN, ZZ
[73] O'BRATE, KERRY, ZZ
[73] MACDERMID GRAPHICS SOLUTIONS, LLC, US

[85] 2015-02-11
[86] 2013-08-06 (PCT/US2013/053746)
[87] (WO2014/031329)
[30] US (13/591,375) 2012-08-22

[11] **2,882,094**
[13] A1

[51] **Int.Cl. F03D 80/50 (2016.01) F03D 9/25 (2016.01) F16B 19/02 (2006.01)**

[25] EN

[54] **WIND-DRIVEN GENERATOR AND IMPELLER LOCKING DEVICE FOR WIND-DRIVEN GENERATOR**

[54] **GENERATEUR EOLIEN ET DISPOSITIF DE BLOCAGE DE ROUE POUR GENERATEUR EOLIEN**

[72] SU, ZHENNIAN, CN
[73] BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD., CN

[73] SU, ZHENNIAN, ZZ

[85] 2015-02-13
[86] 2013-11-26 (PCT/CN2013/087877)
[87] (WO2014/082568)
[30] CN (201220644683.0) 2012-11-29

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,882,099**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **INTEGRATION OF A ROBOTIC SYSTEM WITH ONE OR MORE MOBILE COMPUTING DEVICES**
[54] **INTEGRATION D'UN OU DE PLUSIEURS DISPOSITIFS INFORMATIQUES MOBILES DANS UN SYSTEME ROBOTIQUE**
[72] SOFMAN, BORIS, US
[72] TAPPEINER, HANS, US
[72] PALATUCCI, MARK MATTHEW, US
[72] DENEALE, PATRICK LEE, US
[73] ANKI, INC., US
[73] SOFMAN, BORIS, ZZ
[73] TAPPEINER, HANS, ZZ
[73] PALATUCCI, MARK MATTHEW, ZZ
[73] DENEALE, PATRICK LEE, ZZ
[85] 2015-02-13
[86] 2013-08-09 (PCT/US2013/054388)
[87] (WO2014/035640)
[30] US (61/693,687) 2012-08-27

[11] **2,882,508**
[13] A1

[51] **Int.Cl. G01N 35/02 (2006.01) C12M 1/34 (2006.01) C12Q 3/00 (2006.01) C40B 60/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR BIOLOGICAL SAMPLE PROCESSING**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'ECHANTILLONS BIOLOGIQUES**
[72] LEMME, CHARLES D., US
[72] RICHARDS, WILLIAM, US
[72] WARD, GLEN, US
[72] ASHBY, AUSTIN, US
[72] GHUSSON, ANDREW, US
[72] JENSEN-LONG, LISA, US
[72] KNAPP, KEVIN, US
[72] KUGIZAKI, RODNEY, US
[72] LARSON, ALAIN, US
[72] RICHARDS, PAUL, US
[72] SHOWALTER, WAYNE, US
[72] WILKINSON, CHAD, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[73] LEMME, CHARLES D., ZZ
[73] RICHARDS, WILLIAM, ZZ
[73] WARD, GLEN, ZZ
[73] ASHBY, AUSTIN, ZZ
[73] GHUSSON, ANDREW, ZZ
[73] JENSEN-LONG, LISA, ZZ
[73] KNAPP, KEVIN, ZZ
[73] KUGIZAKI, RODNEY, ZZ
[73] LARSON, ALAIN, ZZ
[73] RICHARDS, PAUL, ZZ
[73] SHOWALTER, WAYNE, ZZ
[73] WILKINSON, CHAD, ZZ
[86] (2882508)
[87] (2882508)
[22] 2008-07-03
[62] 2,692,066
[30] US (60/958,916) 2007-07-10

[11] **2,882,921**
[13] A1

[51] **Int.Cl. A61K 8/891 (2006.01) A61K 8/02 (2006.01) A61K 8/04 (2006.01) A61Q 15/00 (2006.01) B65D 83/14 (2006.01) B65D 83/44 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **AEROSOL ANTIPERSPIRANT COMPOSITIONS, PRODUCTS AND METHODS**
[54] **COMPOSITIONS ANTITRANSPIRATION EN AEROSOLS, PRODUITS ET PROCEDES CORRESPONDANTS**
[72] SWAILE, DAVID FREDERICK, US
[72] PASSI, RAJEEV KUMAR, US
[72] ZOLLER, ANN CHRISTINE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] SWAILE, DAVID FREDERICK, ZZ
[73] PASSI, RAJEEV KUMAR, ZZ
[73] ZOLLER, ANN CHRISTINE, ZZ
[85] 2015-02-23
[86] 2013-09-13 (PCT/US2013/059685)
[87] (WO2014/043487)
[30] US (61/701,201) 2012-09-14

[11] **2,883,259**
[13] A1

[51] **Int.Cl. B62M 9/126 (2010.01) F16G 13/02 (2006.01)**
[25] EN
[54] **CHAIN GUIDE STRUCTURE FOR CHAIN DRIVE TYPE TRANSMISSION MECHANISM**
[54] **STRUCTURE DE GUIDE-CHAINE POUR UN MECANISME DE TRANSMISSION DE TYPE A ENTRAINEMENT A CHAINE**
[72] NAKANO, KENICHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] NAKANO, KENICHI, ZZ
[86] (2883259)
[87] (2883259)
[22] 2015-02-25
[30] JP (2014-047064) 2014-03-11

**Canadian Patents Issued
October 24, 2017**

[11] **2,883,317**
[13] A1

[51] **Int.Cl. B65B 55/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COORDINATION OF ASEPTIC STERILIZATION AND ASEPTIC PACKAGE FILLING RATE**
[54] **PROCEDES ET SYSTEMES DE COORDINATION DE LA STERILISATION ASEPTIQUE ET DE LA VITESSE DE REMPLISSAGE ASEPTIQUE DE CONDITIONNEMENTS**
[72] CUMMINGS, DANIEL LOUIS, US
[73] NESTEC S.A., CH
[73] CUMMINGS, DANIEL LOUIS, ZZ
[85] 2015-02-26
[86] 2013-09-20 (PCT/IB2013/058703)
[87] (WO2014/045238)
[30] US (61/704,709) 2012-09-24
[30] US (61/728,119) 2012-11-19

[11] **2,883,684**
[13] A1

[51] **Int.Cl. F16L 41/12 (2006.01) F16B 7/08 (2006.01) F16L 41/06 (2006.01) F16L 47/30 (2006.01) F16L 47/34 (2006.01)**
[25] EN
[54] **EXTENDED RANGE TAPPING SLEEVE AND GASKET**
[54] **JOINT D'ETANCHEITE ET MANCHON DE COULEE A PORTEE ETENDUE**
[72] MINICH, RAYMOND C., US
[72] PIONTEK, DARYL M., US
[73] TOTAL PIPING SOLUTIONS, INC., US
[73] MINICH, RAYMOND C., ZZ
[73] PIONTEK, DARYL M., ZZ
[86] (2883684)
[87] (2883684)
[22] 2012-01-20
[62] 2,816,892
[30] US (13/016,542) 2011-01-28
[30] US (13/325,990) 2011-12-14

[11] **2,883,726**
[13] A1

[51] **Int.Cl. G01N 21/95 (2006.01)**
[25] EN
[54] **COMPOSITE INSPECTION AND STRUCTURAL CHECK OF MULTIPLE LAYERS**
[54] **INSPECTION DE COMPOSITE ET VERIFICATION STRUCTURELLE DE COUCHES MULTIPLES**
[72] DORRIS, STEVEN A., US
[72] AYYAGARI, ARUN, US
[72] VANCE, JONATHAN BLAKE, US
[72] CORMAN, DAVID E., US
[72] ENGELBART, ROGER W., US
[72] FREEMAN, PHILIP L., US
[72] FONDA, JAMES W., US
[73] DORRIS, STEVEN A., ZZ
[73] AYYAGARI, ARUN, ZZ
[73] VANCE, JONATHAN BLAKE, ZZ
[73] CORMAN, DAVID E., ZZ
[73] ENGELBART, ROGER W., ZZ
[73] FREEMAN, PHILIP L., ZZ
[73] FONDA, JAMES W., ZZ
[73] THE BOEING COMPANY, US
[86] (2883726)
[87] (2883726)
[22] 2015-02-26
[30] US (14/202,376) 2014-03-10

[11] **2,884,849**
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/241 (2006.01) C09K 8/58 (2006.01)**
[25] EN
[54] **IN-SITU UPGRADING AND RECOVERY OF HYDROCARBONS**
[54] **VALORISATION ET RECUPERATION D'HYDROCARBURE SUR PLACE**
[72] BUNIO, GARY, CA
[72] GATES, IAN, CA
[73] SUNCOR ENERGY INC., CA
[73] BUNIO, GARY, CA
[73] GATES, IAN, CA
[86] (2884849)
[87] (2884849)
[22] 2015-03-11

[11] **2,885,465**
[13] A1

[51] **Int.Cl. E02F 7/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE WITH AN EXCAVATOR FOR SEPARATING LIQUIDS AND SOLIDS**
[54] **APPAREILS POUR UN EXCAVATEUR SERVANT A SEPARER LES LIQUIDES ET LES SOLIDES**
[72] SAGER, MATTHEW, CA
[73] STRAD ENERGY SERVICES LTD., CA
[86] (2885465)
[87] (2885465)
[22] 2015-03-18
[30] US (61/968,035) 2014-03-20
[30] US (62/099,647) 2015-01-05

[11] **2,885,640**
[13] A1

[51] **Int.Cl. B65D 77/02 (2006.01) B65D 5/42 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **METHODS OF PROVIDING PACKAGES OF WET WIPES WITH IMPROVED WETNESS GRADIENTS, AND ASSOCIATED PRODUCT**
[54] **PROCEDES DE FOURNITURE DE PAQUETS DE LINGETTES HUMIDES AYANT DES GRADIENTS D'HUMIDITE AMELIORES ET PRODUIT ASSOCIE**
[72] HAILEY, KERRI CRAIN, US
[72] WHITE, JEFFREY STEVEN, US
[72] MINUTILLO, LUCA, IT
[72] SNIDER, LUKE ANTHONY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] HAILEY, KERRI CRAIN, ZZ
[73] WHITE, JEFFREY STEVEN, ZZ
[73] MINUTILLO, LUCA, ZZ
[73] SNIDER, LUKE ANTHONY, ZZ
[85] 2015-03-19
[86] 2013-09-13 (PCT/US2013/059569)
[87] (WO2014/046967)
[30] US (13/622,586) 2012-09-19

Brevets canadiens délivrés
24 octobre 2017

[11] **2,885,914**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **MANAGING INFERRED DATA**
[54] **GESTION DE DONNEES INFEREES**
[72] JOHNSON, DAVID CALVIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] JOHNSON, DAVID CALVIN, ZZ
[85] 2015-03-20
[86] 2012-10-30 (PCT/US2012/062543)
[87] (WO2014/070138)

[11] **2,885,917**
[13] A1

[51] **Int.Cl. G02F 2/02 (2006.01) B82Y 20/00 (2011.01) E21B 47/135 (2012.01) G01N 21/25 (2006.01) G02B 6/02 (2006.01) G02F 1/35 (2006.01)**
[25] EN
[54] **REMOTE WORK METHODS AND SYSTEMS USING NONLINEAR LIGHT CONVERSION**
[54] **PROCEDES ET SYSTEMES DE TRAVAIL A DISTANCE QUI UTILISENT UNE CONVERSION DE LUMIERE NON LINEAIRE**
[72] SAMSON, ETIENNE M., US
[72] MAIDA, JOHN L., US
[73] SAMSON, ETIENNE M., ZZ
[73] MAIDA, JOHN L., ZZ
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-20
[86] 2013-09-05 (PCT/US2013/058127)
[87] (WO2014/099054)
[30] US (13/722,623) 2012-12-20

[11] **2,886,214**
[13] A1

[51] **Int.Cl. H04W 74/04 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ENABLING ENHANCEMENTS TO FLEXIBLE SUBFRAMES IN LTE HETEROGENEOUS NETWORKS**
[54] **PROCEDES ET APPAREIL POUR PERMETTRE DES AMELIORATIONS APORTEES A DES SOUS-TRAMES FLEXIBLES DANS DES RESEAUX HETEROGENES LTE**
[72] SONG, YI, US
[72] BONTU, CHANDRA SEKHAR, CA
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[73] SONG, YI, ZZ
[73] BONTU, CHANDRA SEKHAR, CA
[73] CAI, ZHIJUN, ZZ
[85] 2015-03-25
[86] 2013-03-15 (PCT/US2013/032590)
[87] (WO2014/051699)
[30] US (61/707,636) 2012-09-28

[11] **2,886,387**
[13] A1

[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **SLIP CONFIGURATION FOR DOWNHOLE TOOL**
[54] **CONFIGURATION D'ENVELOPPE POUR OUTIL DE FOND DE TROU**
[72] GOODMAN, BRANDON C., US
[72] SESSA, MICHAEL J., US
[73] GOODMAN, BRANDON C., ZZ
[73] SESSA, MICHAEL J., ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[86] (2886387)
[87] (2886387)
[22] 2015-03-25
[30] US (14/631,424) 2015-02-25

[11] **2,886,699**
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **POWER TONG INTERLOCK SYSTEM**
[54] **SYSTEME DE BLOCAGE DE CLE DE VISSAGE AUTOMATIQUE**
[72] THIBODEAUX, JARRED M., US
[72] WEBRE, CHARLES M., US
[72] COMEAUX, REESE M., US
[73] THIBODEAUX, JARRED M., ZZ
[73] WEBRE, CHARLES M., ZZ
[73] COMEAUX, REESE M., ZZ
[73] FRANK'S INTERNATIONAL, LLC, US
[86] (2886699)
[87] (2886699)
[22] 2015-03-30
[30] US (61/973,098) 2014-03-31
[30] US (14/618,909) 2015-02-10

[11] **2,887,111**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) G06F 7/58 (2006.01) G07C 15/00 (2006.01)**
[25] EN
[54] **METHODS FOR SECURING DATA GENERATION VIA MULTI-PART GENERATION SEEDS**
[54] **METHODE POUR SECURISER LA PRODUCTION DE DONNEES PAR PLUSIEURS PARTIES**
[72] BENNETT, JOSEPH W., III, US
[72] AKINS, CHRISTOPHER GARNET, US
[72] GANTT, ASHLEY IVERY, US
[73] BENNETT, JOSEPH W., III, ZZ
[73] AKINS, CHRISTOPHER GARNET, ZZ
[73] GANTT, ASHLEY IVERY, ZZ
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
[85] 2015-04-02
[86] 2013-09-23 (PCT/IB2013/058768)
[87] (WO2014/053945)
[30] US (13/645,844) 2012-10-05

**Canadian Patents Issued
October 24, 2017**

[11] **2,887,187**
[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01) A61J 3/00 (2006.01) B65D 25/08 (2006.01) B65D 75/36 (2006.01) B65D 75/60 (2006.01) B65D 77/38 (2006.01) A61M 15/00 (2006.01)**

[25] EN

[54] **COMBINATION UNIT DOSE DISPENSING CONTAINERS**

[54] **CONTENANTS COMBINES DE DISTRIBUTION-DOSE UNITAIRE**

[72] SULLIVAN, TIMOTHY R., US

[72] NELSON, JEFFREY, US

[73] MYSTIC PHARMACEUTICALS, INC., US

[73] SULLIVAN, TIMOTHY R., ZZ

[73] NELSON, JEFFREY, ZZ

[86] (2887187)

[87] (2887187)

[22] 2008-05-15

[62] 2,688,689

[30] US (60/938,379) 2007-05-16

[30] US (60/978,619) 2007-10-09

[11] **2,887,764**
[13] A1

[51] **Int.Cl. C10L 1/224 (2006.01) C10L 10/08 (2006.01)**

[25] EN

[54] **HYDROCARBYL SOLUBLE QUATERNARY AMMONIUM CARBOXYLATES AND FUEL COMPOSITIONS CONTAINING THEM**

[54] **CARBOXYLATES D'AMMONIUM QUATERNAIRE SOLUBLES DANS UN GROUPE HYDROCARBYLE ET COMPOSITIONS DE CARBURANT EN CONTENANT**

[72] FANG, XINGGAO, US

[72] SCHWAB, SCOTT D., US

[72] TAYLOR, DANIEL, US

[73] AFTON CHEMICAL CORPORATION, US

[73] FANG, XINGGAO, ZZ

[73] SCHWAB, SCOTT D., ZZ

[73] TAYLOR, DANIEL, ZZ

[86] (2887764)

[87] (2887764)

[22] 2015-04-09

[30] US (14/315,302) 2014-06-25

[11] **2,888,206**
[13] A1

[51] **Int.Cl. B22C 9/02 (2006.01) B22C 9/10 (2006.01) B22D 25/02 (2006.01) B22D 25/06 (2006.01) B61F 5/00 (2006.01)**

[25] EN

[54] **SPLIT WEDGE AND METHOD FOR MAKING SAME**

[54] **CALE FENDUE ET PROCEDE DE FABRICATION DE CELLE-CI**

[72] GOTLUND, ERIK, US

[73] NEVIS INDUSTRIES LLC, US

[73] GOTLUND, ERIK, ZZ

[85] 2015-04-14

[86] 2013-05-17 (PCT/US2013/041570)

[87] (WO2014/143099)

[30] US (13/828,074) 2013-03-14

[11] **2,888,552**
[13] A1

[51] **Int.Cl. A47C 27/10 (2006.01) F16K 15/20 (2006.01) F16K 24/00 (2006.01)**

[25] EN

[54] **REDUCED OUTFLOW INFLATION VALVE**

[54] **VALVE DE GONFLAGE A DEBIT SORTANT REDUIT**

[72] FOURNIE, GLENN G., US

[72] MEIER, KEVIN C., US

[73] FOURNIE, GLENN G., ZZ

[73] MEIER, KEVIN C., ZZ

[73] ROHO, INC., US

[85] 2015-04-16

[86] 2014-11-18 (PCT/US2014/066182)

[87] (WO2015/116305)

[30] US (61/933,021) 2014-01-29

[11] **2,888,593**
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01)**

[25] EN

[54] **SATURATOR AND NATURAL GAS REFORMING SYSTEM PROVIDED WITH SAME**

[54] **SATURATEUR ET SYSTEME DE REFORMAGE DE GAZ NATUREL EQUIPE DE CELUI-CI**

[72] IJIMA, MASAKI, JP

[72] MATSUZAWA, MASATO, JP

[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[73] IJIMA, MASAKI, ZZ

[73] MATSUZAWA, MASATO, ZZ

[85] 2015-04-15

[86] 2013-09-05 (PCT/JP2013/073924)

[87] (WO2014/065020)

[30] JP (2012-236672) 2012-10-26

[11] **2,888,900**
[13] A1

[51] **Int.Cl. G01T 7/00 (2006.01) B66C 1/00 (2006.01) B66C 13/16 (2006.01) B66C 15/00 (2006.01)**

[25] EN

[54] **RADIATION DETECTION UNIT FOR MOUNTING A RADIATION SENSOR TO A CONTAINER CRANE**

[54] **UNITE DE DETECTION DE RAYONNEMENT POUR MONTER UN CAPTEUR DE RAYONNEMENT SUR UNE GRUE DE CONTENANT**

[72] ALIOTO, MATTHEW T., US

[72] ALIOTO, JOHN I., US

[72] WADHWANI, MOHAN, US

[73] VERITAINER ASSET HOLDING LLC, US

[73] ALIOTO, MATTHEW T., ZZ

[73] ALIOTO, JOHN I., ZZ

[73] WADHWANI, MOHAN, ZZ

[86] (2888900)

[87] (2888900)

[22] 2007-11-27

[62] 2,700,440

[30] US (11/605,529) 2006-11-28

[11] **2,889,567**
[13] A1

[51] **Int.Cl. B29C 70/30 (2006.01) B29C 70/54 (2006.01)**

[25] EN

[54] **METHOD FOR ACCURATE REGISTRATION OF COMPOSITE LAMINATES**

[54] **PROCEDE D'ENREGISTREMENT PRECIS DE STRATIFIES COMPOSITES**

[72] NELSON, PAUL E., US

[72] BOBERG, MARK C., US

[73] THE BOEING COMPANY, US

[73] NELSON, PAUL E., ZZ

[73] BOBERG, MARK C., ZZ

[85] 2015-04-24

[86] 2013-11-18 (PCT/US2013/070594)

[87] (WO2014/107237)

[30] US (13/734,082) 2013-01-04

Brevets canadiens délivrés
24 octobre 2017

[11] **2,889,891**
[13] A1

[51] **Int.Cl. C07F 7/08 (2006.01) C08G 81/00 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **AMPHIPHILIC SILOXANE-CONTAINING VINYLIC MONOMERS AND USES THEREOF**

[54] **MONOMERES VINYLIQUES CONTENANT UN SILOXANE AMPHIPHILE ET LEURS UTILISATIONS**

[72] CHANG, FRANK, US

[73] NOVARTIS AG, CH

[73] CHANG, FRANK, ZZ

[85] 2015-04-28

[86] 2013-12-13 (PCT/US2013/074890)

[87] (WO2014/093751)

[30] US (61/737,206) 2012-12-14

[11] **2,890,264**
[13] A1

[51] **Int.Cl. B60J 10/20 (2016.01)**

[25] EN

[54] **METHODS FOR FORMING INJECTION MOLDING COMPONENT AND QUARTER WINDOW, GUIDE RAIL, QUARTER WINDOW, VEHICLE DOOR AND VEHICLE**

[54] **PROCEDES DE FORMATION D'UN COMPOSANT DE MOULAGE PAR INJECTION ET D'UNE GLACE DE CUSTODE, RAIL DE GUIDAGE, GLACE DE CUSTODE, PORTE DE VEHICULE, ET VEHICULE**

[72] LIU, LU, CN

[73] SAINT-GOBAIN GLASS FRANCE, FR

[73] LIU, LU, ZZ

[85] 2015-04-29

[86] 2014-01-26 (PCT/CN2014/071509)

[87] (WO2014/121706)

[30] CN (201310050634.3) 2013-02-08

[30] CN (201320072897.X) 2013-02-08

[11] **2,890,327**
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01) H04W 4/08 (2009.01) H04W 92/18 (2009.01)**

[25] EN

[54] **METHOD FOR PEER TO PEER GROUP FORMATION IN DIRECT COMMUNICATION SYSTEM AND DEVICE THEREFOR**

[54] **PROCEDE POUR LA FORMATION D'UN GROUPE DE PAIR A PAIR DANS UN SYSTEME DE COMMUNICATION DIRECTE, ET DISPOSITIF CORRESPONDANT**

[72] LEE, BYUNGJOO, KR

[72] KIM, DONGCHEOL, KR

[72] KIM, JINHO, KR

[72] LEE, WOOKBONG, KR

[72] CHO, HANGYU, KR

[73] LG ELECTRONICS INC., KR

[73] LEE, BYUNGJOO, ZZ

[73] KIM, DONGCHEOL, ZZ

[73] KIM, JINHO, ZZ

[73] LEE, WOOKBONG, ZZ

[73] CHO, HANGYU, ZZ

[85] 2015-05-04

[86] 2013-11-08 (PCT/KR2013/010121)

[87] (WO2014/142415)

[30] US (61/776,789) 2013-03-12

[30] US (61/810,729) 2013-04-11

[11] **2,890,737**
[13] A1

[51] **Int.Cl. C08F 297/06 (2006.01) C08J 5/18 (2006.01) C08J 9/00 (2006.01)**

[25] EN

[54] **SELF-ASSEMBLING POLYMERS - IV**

[54] **POLYMERES AUTOASSEMBLANT - IV**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US

[73] PALL CORPORATION, US

[73] AAMER, KHALED ABDEL-HAKIM HELMY, ZZ

[86] (2890737)

[87] (2890737)

[22] 2015-05-08

[30] US (14/292,531) 2014-05-30

[11] **2,890,769**
[13] A1

[51] **Int.Cl. B64F 5/10 (2017.01) B33Y 10/00 (2015.01) B32B 43/00 (2006.01) B64D 45/02 (2006.01) H02G 13/00 (2006.01) H05F 3/00 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR USE IN FORMING A LIGHTNING PROTECTION SYSTEM**

[54] **METHODES ET APPAREIL DESTINES A FORMER UN SYSTEME DE PROTECTION CONTRE LA FOUDRE**

[72] BROWN, ARLENE M., US

[72] HUMFELD, KEITH DANIEL, US

[73] THE BOEING COMPANY, US

[73] BROWN, ARLENE M., ZZ

[73] HUMFELD, KEITH DANIEL, ZZ

[86] (2890769)

[87] (2890769)

[22] 2015-05-06

[30] US (14/461,966) 2014-08-18

[11] **2,891,220**
[13] A1

[51] **Int.Cl. C09K 8/04 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **VISCOUS SETTABLE FLUID FOR LOST CIRCULATION IN SUBTERRANEAN FORMATIONS**

[54] **FLUIDE VISQUEUX DURCISSABLE PERMETTANT DE REDUIRE LES PERTES DE CIRCULATION DANS LES FORMATIONS SOUTERRAINES**

[72] KUMAR, ARUNESH, GB

[72] SAVARI, SHARATH, US

[72] SCORSONE, JASON T., US

[72] KALGAONKAR, RAJENDRA A., IN

[73] HALLIBURTON ENERGY SERVICES, INC., US

[73] KUMAR, ARUNESH, ZZ

[73] SAVARI, SHARATH, ZZ

[73] SCORSONE, JASON T., ZZ

[73] KALGAONKAR, RAJENDRA A., ZZ

[85] 2015-05-11

[86] 2013-11-19 (PCT/US2013/070689)

[87] (WO2014/092940)

[30] US (13/712,539) 2012-12-12

Canadian Patents Issued
October 24, 2017

[11] **2,891,296**
[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **CORNER RADIUS END MILL**
[54] **FRAISE A QUEUE A RAYON DE**
BEC
[72] BUDDA, ELIYAHU, IL
[72] KHINA, ALEXANDER, IL
[73] ISCAR LTD., IL
[73] BUDDA, ELIYAHU, ZZ
[73] KHINA, ALEXANDER, ZZ
[85] 2015-05-12
[86] 2013-11-05 (PCT/IL2013/050905)
[87] (WO2014/076691)
[30] US (13/676,974) 2012-11-14

[11] **2,891,602**
[13] A1
[51] **Int.Cl. A61L 27/10 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING AN**
ORTHOSILICATE AND ITS USE
FOR TISSUE REGENERATION
[54] **COMPOSITION RENFERMANT**
UN ORTHOSILICATE ET SON
UTILISATION EN VUE DE LA
REGENERATION DE TISSUS
[72] WAGNER, THOMAS E., US
[73] ORBIS HEALTH SOLUTIONS, LLC,
US
[73] WAGNER, THOMAS E., ZZ
[85] 2015-05-15
[86] 2013-12-11 (PCT/US2013/074327)
[87] (WO2014/093454)
[30] US (61/736,257) 2012-12-12
[30] US (61/786,380) 2013-03-15

[11] **2,891,665**
[13] A1
[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **USING TELEMETRY TO REDUCE**
MALWARE DEFINITION
PACKAGE SIZE
[54] **UTILISATION DE TELEMESURE**
POUR REDUIRE LA TAILLE DE
PAQUET DE DEFINITION DE
LOGICIEL MALVEILLANT
[72] PEREIRA, SHANE, US
[72] NACHENBERG, CAREY, US
[73] SYMANTEC CORPORATION, US
[73] PEREIRA, SHANE, ZZ
[73] NACHENBERG, CAREY, ZZ
[85] 2015-05-15
[86] 2013-11-14 (PCT/US2013/070137)
[87] (WO2014/081613)
[30] US (13/682,288) 2012-11-20

[11] **2,891,709**
[13] A1
[51] **Int.Cl. E02F 9/22 (2006.01) F15C 3/02**
(2006.01)
[25] EN
[54] **APPARATUS AND METHOD FOR**
CONTROLLING PREFERENTIAL
FUNCTION OF A
CONSTRUCTION MACHINE
[54] **APPAREIL ET METHODE DE**
CONTROLE DE FONCTION
PREFERENTIELLE D'UNE
MACHINE DE CONSTRUCTION
[72] BANG, SANG-HO, KR
[72] SHIN, HUNG-JU, KR
[73] VOLVO CONSTRUCTION
EQUIPMENT AB, SE
[73] BANG, SANG-HO, ZZ
[73] SHIN, HUNG-JU, ZZ
[85] 2015-05-14
[86] 2012-11-23 (PCT/KR2012/009959)
[87] (WO2014/081053)

[11] **2,891,740**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B**
41/00 (2006.01)
[25] EN
[54] **DRILL STRING OSCILLATION**
METHODS
[54] **PROCEDES D'OSCILLATION DE**
TRAIN DE TIGES DE FORAGE
[72] BOONE, SCOTT G., US
[72] GILLAN, COLIN, US
[73] BOONE, SCOTT G., ZZ
[73] GILLAN, COLIN, ZZ
[73] NABORS DRILLING
TECHNOLOGIES USA, INC., US
[85] 2015-05-14
[86] 2013-11-20 (PCT/US2013/070970)
[87] (WO2014/088808)
[30] US (13/708,255) 2012-12-07

[11] **2,892,032**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C**
45/27 (2006.01) B29C 45/77 (2006.01)
[25] EN
[54] **REDUCED SIZE RUNNER FOR AN**
INJECTION MOLD SYSTEM
[54] **CANAL DE COULEE DE TAILLE**
REDUITE POUR UN SYSTEME DE
MOULAGE PAR INJECTION
[72] ALTONEN, GENE MICHAEL, US
[72] BREIDENBACH, VINCENT SEAN,
US
[72] MCCONNELL, KIMBERLY
NICHOLE, US
[72] LUMPKIN, DANNY DAVID, US
[72] HUANG, CHOW-CHI, US
[72] BERG, CHARLES JOHN, JR., US
[73] IMFLUX INC., US
[73] ALTONEN, GENE MICHAEL, ZZ
[73] BREIDENBACH, VINCENT SEAN,
ZZ
[73] MCCONNELL, KIMBERLY
NICHOLE, ZZ
[73] LUMPKIN, DANNY DAVID, ZZ
[73] HUANG, CHOW-CHI, ZZ
[73] BERG, CHARLES JOHN, JR., ZZ
[85] 2015-05-20
[86] 2013-11-21 (PCT/US2013/071123)
[87] (WO2014/081905)
[30] US (61/729,028) 2012-11-21

[11] **2,892,136**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) C08L**
53/00 (2006.01) C08F 297/06 (2006.01)
[25] EN
[54] **SELF-ASSEMBLED STRUCTURE**
AND MEMBRANE COMPRISING
BLOCK COPOLYMER AND
PROCESS FOR PRODUCING THE
SAME BY SPIN COATING (VA)
[54] **STRUCTURE AUTOASSEMBLEE**
ET MEMBRANE COMPORTANT
UN COPOLYMER SEQUENCE
ET PROCEDE DE PRODUCTION
ASSOCIE A L'AIDE DE
TECHNIQUE DE DEPOT PAR
ROTATION (VA)
[72] AAMER, KHALED ABDEL-HAKIM
HELMY, US
[72] SHI, SELINA, US
[73] PALL CORPORATION, US
[73] AAMER, KHALED ABDEL-HAKIM
HELMY, ZZ
[73] SHI, SELINA, ZZ
[86] (2892136)
[87] (2892136)
[22] 2015-05-15
[30] US (14/292,193) 2014-05-30

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,892,230**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **RECOMMENDING A RETAIL LOCATION**
[54] **RECOMMANDATION D'UN EMPLACEMENT DE COMMERCE DE DETAIL**
[72] LYMAN, NATE, US
[73] EBAY INC., US
[73] LYMAN, NATE, ZZ
[85] 2015-05-22
[86] 2013-11-27 (PCT/US2013/072350)
[87] (WO2014/085667)
[30] US (13/689,479) 2012-11-29

[11] **2,892,723**
[13] A1

[51] **Int.Cl. F16B 37/00 (2006.01)**
[25] EN
[54] **BARREL NUT WITH STRESS REDUCTION FEATURES**
[54] **ECROU A PORTEE CYLINDRIQUE DOTE DE CARACTERISTIQUES DE REDUCTION DE CONTRAINTE**
[72] STANESCU, ADRIAN, US
[72] KOSTAKIS, CONSTANTINE, US
[72] BUTCHER, MICHAEL RONALD, US
[73] THE BOEING COMPANY, US
[73] STANESCU, ADRIAN, ZZ
[73] KOSTAKIS, CONSTANTINE, ZZ
[73] BUTCHER, MICHAEL RONALD, ZZ
[86] (2892723)
[87] (2892723)
[22] 2015-05-26
[30] US (14/469,640) 2014-08-27

[11] **2,892,987**
[13] A1

[51] **Int.Cl. G01M 99/00 (2011.01) E01C 23/00 (2006.01) E02D 33/00 (2006.01)**
[25] EN
[54] **ROAD SURFACE CONDITION DETERMINING METHOD, ROAD SURFACE CONDITION OUTPUTTING METHOD, ROAD SURFACE CONDITION DETERMINING DEVICE AND ROAD SURFACE CONDITION OUTPUT EQUIPMENT**
[54] **METHODE DE DETERMINATION DE L'ETAT DE LA SURFACE DE LA ROUTE, METHODE DE TRANSMISSION DE L'ETAT DE LA SURFACE DE LA ROUTE, DISPOSITIF DE DETERMINATION DE L'ETAT DE LA SURFACE DE LA ROUTE ET EQUIPEMENT DE PRODUCTION D'ETAT DE LA SURFACE DE LA ROUTE**
[72] JINNO, TOMOKO, JP
[72] ONO, RYOTA, JP
[72] YAMAMOTO, YASUKO, JP
[73] KOMATSU LTD., JP
[73] JINNO, TOMOKO, ZZ
[73] ONO, RYOTA, ZZ
[73] YAMAMOTO, YASUKO, ZZ
[85] 2015-02-24
[86] 2014-03-19 (PCT/JP2014/057589)
[87] (WO2015/140966)

[11] **2,893,333**
[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 3/10 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **CARBOCYCLIC-AND HETEROCYCLIC-SUBSTITUTED HEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE COMPOUNDS**
[54] **COMPOSES HEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE SUBSTITUES CARBOCYCLIQUES ET HETEROCYCLIQUES**
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] LACHAPPELLE, ERIK ALPHIE, US
[72] O'NEILL, BRIAN THOMAS, US
[73] PFIZER INC., US
[73] BRODNEY, MICHAEL AARON, ZZ
[73] BUTLER, CHRISTOPHER RYAN, ZZ
[73] LACHAPPELLE, ERIK ALPHIE, ZZ
[73] O'NEILL, BRIAN THOMAS, ZZ
[85] 2015-06-01
[86] 2013-12-04 (PCT/IB2013/060633)
[87] (WO2014/097038)
[30] US (61/739,053) 2012-12-19

**Canadian Patents Issued
October 24, 2017**

[11] **2,893,572**
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **PUP JOINT FOR RELEASING
SIDEWALL CONTACT OF
STRATIGRAPHIC TEST DEVICE
AND APPARATUS**
[54] **TUBE COURT POUR RELACHER
UN CONTACT DE PAROI
LATERALE DE DISPOSITIF
D'ESSAI STRATIGRAPHIQUE ET
APPAREIL**
[72] QIN, XIAOFEI, CN
[72] FENG, YONGREN, CN
[72] SONG, WANGUANG, CN
[72] CHU, XIAODONG, CN
[72] WANG, LEI, CN
[73] CHINA NATIONAL OFFSHORE OIL
CORP., CN
[73] CHINA OILFIELD SERVICES
LIMITED, CN
[73] QIN, XIAOFEI, ZZ
[73] FENG, YONGREN, ZZ
[73] SONG, WANGUANG, ZZ
[73] CHU, XIAODONG, ZZ
[73] WANG, LEI, ZZ
[85] 2015-06-03
[86] 2013-11-20 (PCT/CN2013/087485)
[87] (WO2014/086233)
[30] CN (201210514957.9) 2012-12-04

[11] **2,893,900**
[13] A1

[51] **Int.Cl. H02G 3/04 (2006.01) H01R
13/74 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **POWER DATA HOUSING
BOITIER DE COMPTEUR
D'ENERGIE ELECTRIQUE**
[72] BYRNE, NORMAN R., US
[73] BYRNE, NORMAN R., US
[86] (2893900)
[87] (2893900)
[22] 2011-07-11
[62] 2,745,978
[30] US (61/362,802) 2010-07-09

[11] **2,893,932**
[13] A1

[51] **Int.Cl. E06B 3/677 (2006.01) E06B
3/663 (2006.01)**
[25] EN
[54] **INSULATING GLAZING HAVING
A PRESSURE-EQUALIZING
ELEMENT**
[54] **VITRAGE ISOLANT
COMPRENANT UN ELEMENT
COMPENSATEUR DE PRESSION**
[72] KOTOWSKI, GUNTHER, DE
[72] AMEDICK, KATRIN, DE
[72] SCHREIBER, WALTER, DE
[73] SAINT-GOBAIN GLASS FRANCE,
FR
[73] KOTOWSKI, GUNTHER, ZZ
[73] AMEDICK, KATRIN, ZZ
[73] SCHREIBER, WALTER, ZZ
[85] 2015-06-05
[86] 2013-08-20 (PCT/EP2013/067278)
[87] (WO2014/095097)
[30] EP (12198381.1) 2012-12-20

[11] **2,893,991**
[13] A1

[51] **Int.Cl. G01M 17/02 (2006.01) G01B
21/30 (2006.01) G01M 1/14 (2006.01)
G01M 1/16 (2006.01)**
[25] EN
[54] **EFFICIENT HIGH SPEED
UNIFORMITY MEASUREMENTS
USING SPEED RAMPS**
[54] **MESURES D'UNIFORMITE A
VITESSE ELEVEE EFFICACES
UTILISANT DES RAMPES DE
VITESSE**
[72] NICHOLSON, VERNER, STEVE, US
[72] TRAYLOR, JAMES, MICHAEL, US
[73] COMPAGNIE GENERALE DES
ETABLISSEMENTS MICHELIN, FR
[73] NICHOLSON, VERNER, STEVE, ZZ
[73] TRAYLOR, JAMES, MICHAEL, ZZ
[73] MICHELIN RECHERCHE ET
TECHNIQUE, S.A., CH
[85] 2015-06-05
[86] 2012-12-14 (PCT/US2012/069745)
[87] (WO2014/092722)

[11] **2,894,147**
[13] A1

[51] **Int.Cl. E04C 2/296 (2006.01) E02D
27/00 (2006.01) E04B 2/00 (2006.01)**
[25] EN
[54] **CONSTRUCTION PANELS AND
CONSTRUCTION SYSTEMS, AND
METHODS**
[54] **PANNEAUX DE CONSTRUCTION
DES SYSTEMES DE
CONSTRUCTION, ET PROCEDES**
[72] SCHIFFMANN, GLENN P., US
[72] SCHIFFMANN, GERHARD P., US
[73] COMPOSITE PANEL SYSTEMS LLC,
US
[73] SCHIFFMANN, GLENN P., ZZ
[73] SCHIFFMANN, GERHARD P., ZZ
[86] (2894147)
[87] (2894147)
[22] 2007-12-03
[62] 2,671,430
[30] US (60/872,929) 2006-12-04
[30] US (60/876,403) 2006-12-21
[30] US (60/923,822) 2007-04-16
[30] US (11/901,174) 2007-09-13
[30] US (11/901,057) 2007-09-13
[30] US (11/900,987) 2007-09-13
[30] US (11/900,998) 2007-09-13
[30] US (11/901,059) 2007-09-13
[30] US (11/901,173) 2007-09-13
[30] US (11/901,175) 2007-09-13

[11] **2,894,740**
[13] A1

[51] **Int.Cl. E03B 9/02 (2006.01) B25B
13/48 (2006.01) F16K 31/46 (2006.01)
F21L 4/00 (2006.01) F21V 33/00
(2006.01)**
[25] EN
[54] **LIGHTED MUNICIPAL VALVE
KEY**
[54] **CLE DE VANNE MUNICIPALE
ECLAIREE**
[72] SMITH, CHARLES, US
[72] CONVENTRY, GREGORY, US
[73] CPI EXCAVATING INC., US
[73] SMITH, CHARLES, ZZ
[73] CONVENTRY, GREGORY, ZZ
[86] (2894740)
[87] (2894740)
[22] 2015-06-18
[30] US (14/705,622) 2015-05-06

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,894,926**
[13] A1

[51] **Int.Cl. F02C 1/05 (2006.01) F01K 23/10 (2006.01) F02C 6/18 (2006.01) F02C 7/08 (2006.01) F03G 6/00 (2006.01) F24J 2/00 (2014.01)**

[25] EN

[54] **SOLAR/AIR TURBINE GENERATOR SYSTEM**

[54] **MECANISME GENERATEUR DE TURBINE SOLEIL/AIR**

[72] MISHIMA, NOBUYOSHI, JP
[72] OSADA, TOSHIYUKI, JP
[72] NAGAFUCHI, NAOYUKI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[73] MISHIMA, NOBUYOSHI, ZZ
[73] OSADA, TOSHIYUKI, ZZ
[73] NAGAFUCHI, NAOYUKI, ZZ
[86] (2894926)
[87] (2894926)
[22] 2015-06-18
[30] JP (2014-156841) 2014-07-31

[11] **2,895,040**
[13] A1

[51] **Int.Cl. B32B 37/06 (2006.01) B32B 41/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FORMING BONDED SUBSTRATES**

[54] **SYSTEME ET PROCEDE DE FORMATION DE SUBSTRATS LIES**

[72] BEACHNER, JAMES R., US
[72] ZHOU, JING, US
[72] KANUNGO, MANDAKINI, US
[72] JIA, NANCY Y., US
[72] MCCONVILLE, PAUL J., US
[72] HONG, WEI, US
[73] BEACHNER, JAMES R., ZZ
[73] ZHOU, JING, ZZ
[73] KANUNGO, MANDAKINI, ZZ
[73] JIA, NANCY Y., ZZ
[73] MCCONVILLE, PAUL J., ZZ
[73] HONG, WEI, ZZ
[73] XEROX CORPORATION, US
[86] (2895040)
[87] (2895040)
[22] 2015-06-15
[30] US (14/311970) 2014-06-23

[11] **2,895,065**
[13] A1

[51] **Int.Cl. H04B 7/24 (2006.01)**

[25] EN

[54] **METHOD FOR TRANSMITTING/RECEIVING INFORMATION RELATED TO ASSOCIATION IDENTIFIER IN WIRELESS COMMUNICATION SYSTEM AND DEVICE THEREFOR**

[54] **PROCEDE POUR EMETTRE/RECEVOIR DES INFORMATIONS RELATIVES A UN IDENTIFICATEUR D'ASSOCIATION DANS UN SYSTEME DE COMMUNICATION SANS FIL, ET DISPOSITIF ASSOCIE**

[72] KIM, JEONGKI, KR
[72] SEOK, YONGHO, KR
[72] CHO, HANGYU, KR
[72] CHOI, JINSOO, KR
[73] LG ELECTRONICS INC., KR
[73] KIM, JEONGKI, ZZ
[73] SEOK, YONGHO, ZZ
[73] CHO, HANGYU, ZZ
[73] CHOI, JINSOO, ZZ
[85] 2015-06-12
[86] 2013-12-12 (PCT/KR2013/011540)
[87] (WO2014/092487)
[30] US (61/736,017) 2012-12-12
[30] US (61/737,061) 2012-12-13
[30] US (61/761,229) 2013-02-05
[30] US (61/811,100) 2013-04-11

[11] **2,895,530**
[13] A1

[51] **Int.Cl. E21B 47/18 (2012.01) F15B 21/12 (2006.01)**

[25] EN

[54] **FLUID PRESSURE PULSE GENERATING APPARATUS WITH PRIMARY SEAL ASSEMBLY, BACK UP SEAL ASSEMBLY AND PRESSURE COMPENSATION DEVICE AND METHOD OF OPERATING SAME**

[54] **APPAREIL D'EMISSION D'IMPULSIONS DE PRESSION DE FLUIDE AVEC ENSEMBLE JOINT D'ETANCHEITE PRIMAIRE, ENSEMBLE JOINT DE MAINTIEN ET DISPOSITIF DE COMPENSATION DE PRESSION ET PROCEDE POUR FAIRE FONCTIONNER CELUI-LA**

[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[73] EVOLUTION ENGINEERING INC., CA
[73] LOGAN, AARON W., CA
[73] LOGAN, JUSTIN C., CA
[73] SWITZER, DAVID A., CA
[85] 2015-06-18
[86] 2013-12-20 (PCT/CA2013/051006)
[87] (WO2014/094179)
[30] US (61/745,206) 2012-12-21

[11] **2,895,600**
[13] A1

[51] **Int.Cl. G01V 1/22 (2006.01) E21B 47/14 (2006.01) E21B 47/16 (2006.01) G01V 1/48 (2006.01)**

[25] EN

[54] **ACOUSTIC DATA COMPRESSION TECHNIQUE**

[54] **TECHNIQUE DE COMPRESSION DE DONNEES ACOUSTIQUES**

[72] MICKAEL, MEDHAT, US
[73] MICKAEL, MEDHAT, ZZ
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2895600)
[87] (2895600)
[22] 2015-06-29
[30] US (62/020,085) 2014-07-02

**Canadian Patents Issued
October 24, 2017**

[11] **2,896,144**
[13] A1

[51] **Int.Cl. A47J 31/41 (2006.01) B67D 7/08 (2010.01) A47J 31/44 (2006.01) F04B 9/02 (2006.01) F04B 13/00 (2006.01) F16J 1/00 (2006.01) A23F 5/46 (2006.01)**

[25] EN

[54] **CARTRIDGE BASED FLUID DISPENSING APPARATUS**

[54] **APPAREIL DE DISTRIBUTION DE FLUIDE A BASE DE CARTOUCHE**

[72] ERMAN, P. GREGORY, CA

[72] MARSHALL, CHRIS, CA

[72] WILSON, AVERY, CA

[72] RICKER, DAVID A., CA

[72] MCDUGALL, MICHAEL, CA

[72] STONEMAN, KEVIN, CA

[72] MACLEAN, IAN, CA

[73] A.C. DISPENSING EQUIPMENT, INC., CA

[73] ERMAN, P. GREGORY, CA

[73] MARSHALL, CHRIS, CA

[73] WILSON, AVERY, CA

[73] RICKER, DAVID A., CA

[73] MCDUGALL, MICHAEL, CA

[73] STONEMAN, KEVIN, CA

[73] MACLEAN, IAN, CA

[86] (2896144)

[87] (2896144)

[22] 2007-09-07

[62] 2,662,872

[30] US (60/824,938) 2006-09-08

[11] **2,896,305**
[13] A1

[51] **Int.Cl. C07D 487/22 (2006.01) A61K 49/10 (2006.01) A61P 35/00 (2006.01) C07D 403/08 (2006.01)**

[25] EN

[54] **CYANINE DYE COMPOUND AND PREPARATION METHOD THEREFOR, AND DUAL-FUNCTION AGENT FOR PHOTODYNAMIC THERAPY AND PREPARATION METHOD THEREFOR**

[54] **COMPOSE COLORANT CYANINE ET SON PROCEDE DE PREPARATION, ET AGENT A DOUBLE FONCTION POUR THERAPIE PHOTODYNAMIQUE ET SON PROCEDE DE PREPARATION**

[72] PANDEY, RAVINDRA K., US

[72] BAI, HUA, CN

[72] CHEN, ZHENLIANG, CN

[72] ETHIRAJAN, MANIVANNAN, US

[72] PATEL, NAYAN, US

[73] ZHEJIANG HISUN PHARMACEUTICAL CO., LTD., CN

[73] PANDEY, RAVINDRA K., ZZ

[73] BAI, HUA, ZZ

[73] CHEN, ZHENLIANG, ZZ

[73] ETHIRAJAN, MANIVANNAN, ZZ

[73] PATEL, NAYAN, ZZ

[85] 2015-06-25

[86] 2013-02-06 (PCT/CN2013/071445)

[87] (WO2014/101339)

[30] CN (201210598014.9) 2012-12-28

[11] **2,896,705**
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01) H04B 7/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MULTICASTING/BROADCASTING IN RELAY NETWORK OF WIRELESS LAN SYSTEM**

[54] **PROCEDE ET APPAREIL DE DIFFUSION GROUPEE/DIFFUSION GENERALE DANS UN RESEAU A RELAIS D'UN SYSTEME LAN SANS FIL**

[72] SEOK, YONGHO, KR

[73] LG ELECTRONICS INC., KR

[73] SEOK, YONGHO, ZZ

[85] 2015-06-26

[86] 2013-10-30 (PCT/KR2013/009740)

[87] (WO2014/104556)

[30] US (61/746,534) 2012-12-27

[11] **2,896,768**
[13] A1

[51] **Int.Cl. B64C 25/42 (2006.01) B60T 13/66 (2006.01) B64D 47/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR CONTROLLING A HYDRAULIC BRAKE OF AN AIRCRAFT**

[54] **APPAREIL ET METHODE DE COMMANDE D'UN FREIN HYDRAULIQUE D'UN AERONEF**

[72] KNIGHT, MICHAEL, US

[73] GULFSTREAM AEROSPACE CORPORATION, US

[73] KNIGHT, MICHAEL, ZZ

[86] (2896768)

[87] (2896768)

[22] 2015-07-10

[30] US (14/460,651) 2014-08-15

[11] **2,896,785**
[13] A1

[51] **Int.Cl. A01B 15/16 (2006.01) A01B 21/08 (2006.01) A01B 23/06 (2006.01)**

[25] EN

[54] **CUTTING UNIT**

[54] **MODULE DE COUPE**

[72] PASQUIER, GAETAN, FR

[72] SECHET, ARNAUD, FR

[73] KVERNELAND GROUP LES LANDES GENUSSON S.A.S., FR

[73] PASQUIER, GAETAN, ZZ

[73] SECHET, ARNAUD, ZZ

[86] (2896785)

[87] (2896785)

[22] 2015-07-13

[30] EP (14178224.3) 2014-07-23

[11] **2,896,844**
[13] A1

[51] **Int.Cl. G09B 19/24 (2006.01)**

[25] EN

[54] **WELDING TORCH FOR A WELDING TRAINING SYSTEM**

[54] **TETE DE SOUDAGE POUR UN SYSTEME DE FORMATION DE SOUDAGE**

[72] BECKER, WILLIAM J., US

[72] PFEIFER, KYLE A., US

[73] ILLINOIS TOOL WORKS INC., US

[73] BECKER, WILLIAM J., ZZ

[73] PFEIFER, KYLE A., ZZ

[85] 2015-06-26

[86] 2014-02-24 (PCT/US2014/018113)

[87] (WO2014/149401)

[30] US (13/837,632) 2013-03-15

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,896,958**
[13] A1

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

[11] **2,897,359**
[13] A1

[51] **Int.Cl. F28F 9/06 (2006.01) B60K 11/04 (2006.01) F16L 37/60 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER WITH SELF-ALIGNING FITTINGS**
[54] **ECHANGEUR DE CHALEUR AVEC RACCORDS A ALIGNEMENT AUTOMATIQUE**
[72] BURGERS, JOHN G., CA
[72] MARTIN, MICHAEL A., CA
[72] ABELS, KENNETH M., CA
[72] MACHLER, MEINRAD K. A., CA
[73] DANA CANADA CORPORATION, CA
[73] BURGERS, JOHN G., CA
[73] MARTIN, MICHAEL A., CA
[73] ABELS, KENNETH M., CA
[73] MACHLER, MEINRAD K. A., CA
[85] 2015-07-07
[86] 2014-02-12 (PCT/CA2014/050097)
[87] (WO2014/124534)
[30] US (61/763,747) 2013-02-12

[11] **2,897,385**
[13] A1

[51] **Int.Cl. B64C 13/00 (2006.01) B64C 13/38 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR OPERATING FLIGHT CONTROL SYSTEMS OF AIRCRAFTS**
[54] **METHODE ET APPAREIL DESTINES AU FONCTIONNEMENT DE SYSTEMES DE COMMANDES DE VOL DES AERONEFS**
[72] HUYNH, NEAL V., US
[72] EICK, ROBERT S., US
[72] HEINEMAN, THOMAS G., US
[72] BILLS, MICHAEL D., US
[72] FAHEY, PATRICK M., US
[72] NICHOLAS, JOHN C., US
[73] THE BOEING COMPANY, US
[73] HUYNH, NEAL V., ZZ
[73] EICK, ROBERT S., ZZ
[73] HEINEMAN, THOMAS G., ZZ
[73] BILLS, MICHAEL D., ZZ
[73] FAHEY, PATRICK M., ZZ
[73] NICHOLAS, JOHN C., ZZ
[86] (2897385)
[87] (2897385)
[22] 2015-07-14
[30] US (14/511,036) 2014-10-09

[11] **2,897,593**
[13] A1

[51] **Int.Cl. A61F 2/95 (2013.01)**
[25] EN
[54] **ELECTROLYTIC DETACHMENT ELEMENTS FOR IMPLANT DELIVERY SYSTEMS**
[54] **ELEMENTS DE DETACHEMENT ELECTROLYTIQUE DESTINES A DES MECANISMES D'INSTALLATION D'IMPLANTS**
[72] MA, JIANLU, US
[72] DIVINO, VINCENT, US
[73] COVIDIEN LP, US
[73] MA, JIANLU, ZZ
[73] DIVINO, VINCENT, ZZ
[86] (2897593)
[87] (2897593)
[22] 2015-07-17
[30] US (14/454,880) 2014-08-08

[11] **2,897,824**
[13] A1

[51] **Int.Cl. E01B 29/06 (2006.01) E01B 29/14 (2006.01)**
[25] EN
[54] **RAIL TIE GRIPPING MECHANISM HAVING GRIPPER FINGERS WITH TEETH**
[54] **MECANISME DE PREHENSION DE FIXATION DE RAIL COMPORTANT DES DOIGTS PREHENSEURS DENTES**
[72] STRAUB, WILLIAM D., US
[72] PETERSON, LEARY C., US
[73] NORDCO INC., US
[73] STRAUB, WILLIAM D., ZZ
[73] PETERSON, LEARY C., ZZ
[86] (2897824)
[87] (2897824)
[22] 2015-07-15
[30] US (62/024,694) 2014-07-15
[30] US (14/789,151) 2015-07-01

[11] **2,897,918**
[13] A1

[51] **Int.Cl. H01M 2/10 (2006.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **BATTERY CASE**
[54] **BOITIER DE BATTERIE**
[72] NISHIMURA, RYUZO, JP
[72] NAKANE, SHINICHIRO, JP
[72] SETO, YASUMASA, JP
[73] FUTABA INDUSTRIAL CO., LTD., JP
[73] NISHIMURA, RYUZO, ZZ
[73] NAKANE, SHINICHIRO, ZZ
[73] SETO, YASUMASA, ZZ
[85] 2015-07-10
[86] 2013-12-26 (PCT/JP2013/084863)
[87] (WO2014/109243)
[30] JP (2013-003725) 2013-01-11

**Canadian Patents Issued
October 24, 2017**

[11] **2,897,958**
[13] A1

[51] **Int.Cl. E06B 9/74 (2006.01)**
[25] EN
[54] **SUNSHADE DRIVING DEVICE
HAVING A RETURNING
FUNCTION OF A WHEEL
DRIVING MEMBER**

[54] **APPAREIL D'ENTRAINEMENT DE
STORE PARE-SOLEIL AYANT
UNE FONCTION DE RETOUR
D'ELEMENT DE ROUE
D'ENTRAINEMENT**

[72] JUNG, TAEROK, KR
[72] JUNG, JAEHEUN, KR
[73] TERASOLAR CO., LTD., KR
[73] JUNG, TAEROK, ZZ
[73] JUNG, JAEHEUN, ZZ
[85] 2015-07-10
[86] 2014-01-17 (PCT/KR2014/000537)
[87] (WO2014/112837)
[30] KR (10-2013-0005624) 2013-01-18
[30] KR (10-2013-0005626) 2013-01-18

[11] **2,897,982**
[13] A1

[51] **Int.Cl. A61B 17/29 (2006.01) A61B
17/00 (2006.01)**
[25] EN
[54] **RIGID AND FLEXIBLE
LAPAROSCOPIC TOOL SHAFTS
AND METHOD USING SAME**

[54] **TIGES D'OUTIL
LAPAROSCOPIQUE RIGIDE ET
SOUPLE ET METHODE
D'UTILISATION ASSOCIEE**

[72] IGOV, IGOR, IL
[72] EPSTEIN, JONATAN, IL
[72] LORE, RAMI, IL
[72] LAVI, GILAD, IL
[73] TELEFLEX MEDICAL
INCORPORATED, US
[73] IGOV, IGOR, ZZ
[73] EPSTEIN, JONATAN, ZZ
[73] LORE, RAMI, ZZ
[73] LAVI, GILAD, ZZ
[85] 2015-07-10
[86] 2014-01-15 (PCT/US2014/011611)
[87] (WO2014/113428)
[30] US (61/753,224) 2013-01-16

[11] **2,898,170**
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B
34/16 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **REMOTE HYDRAULIC CONTROL
OF DOWNHOLE TOOLS**

[54] **COMMANDE HYDRAULIQUE A
DISTANCE D'OUTILS EN FOND
DE TROU**

[72] HARDIN, JOHN RANSFORD, JR., US
[72] WINSLOW, DANIEL M., US
[72] LASSOIE, JEAN-PIERRE, BE
[72] MOURARET, NICOLAS, BE
[73] HALLIBURTON ENERGY
SERVICES, INC., US
[73] HARDIN, JOHN RANSFORD, JR., ZZ
[73] WINSLOW, DANIEL M., ZZ
[73] LASSOIE, JEAN-PIERRE, ZZ
[73] MOURARET, NICOLAS, ZZ
[85] 2015-07-14
[86] 2013-02-26 (PCT/US2013/027825)
[87] (WO2014/133487)

[11] **2,898,702**
[13] A1

[51] **Int.Cl. A41C 3/12 (2006.01) A41C
3/00 (2006.01)**
[25] EN
[54] **SUPPORT COMPONENT FOR A
BRA**

[54] **COMPOSANT DE SUPPORT POUR
SOUTIEN-GORGE**

[72] MCNEELEY, CAROLYN M., US
[72] BROWN, PATRICK, US
[72] STANCA, NICK, US
[73] MAST INDUSTRIES (FAR EAST)
LIMITED, HK
[73] MCNEELEY, CAROLYN M., ZZ
[73] BROWN, PATRICK, ZZ
[73] STANCA, NICK, ZZ
[85] 2015-07-20
[86] 2013-10-31 (PCT/US2013/067807)
[87] (WO2014/126618)
[30] US (13/767,377) 2013-02-14

[11] **2,899,065**
[13] A1

[51] **Int.Cl. B08B 5/02 (2006.01) B01D
46/00 (2006.01) B08B 5/04 (2006.01)
A47K 3/28 (2006.01)**
[25] EN
[54] **AIR SHOWER FOR DUST
COLLECTORS**

[54] **DOUCHE D'AIR POUR
COLLECTEURS DE POUSSIERE**

[72] TEMPLETON, MATTHEW
CHARLES, CA
[73] ASSOCIATED RESEARCH - EDC
LTD., CA
[73] TEMPLETON, MATTHEW
CHARLES, CA
[86] (2899065)
[87] (2899065)
[22] 2015-07-24
[30] US (62/029,076) 2014-07-25

[11] **2,899,293**
[13] A1

[51] **Int.Cl. B21B 27/00 (2006.01) C22C
37/00 (2006.01)**
[25] EN
[54] **ROLL OUTER LAYER
MATERIAL, AND COMPOSITE
ROLL FOR HOT ROLLING**

[54] **MATERIAU DE COUCHE
EXTERNE DE ROULEAU ET
ROULEAU COMPOSITE DESTINE
A UN LAMINAGE A CHAUD**

[72] ICHINO, KENJI, JP
[72] MOCHIDA, TETSUO, JP
[72] SHIBATA, HIROMITSU, JP
[73] JFE STEEL CORPORATION, JP
[73] ICHINO, KENJI, ZZ
[73] MOCHIDA, TETSUO, ZZ
[73] SHIBATA, HIROMITSU, ZZ
[85] 2015-07-24
[86] 2014-02-25 (PCT/JP2014/000985)
[87] (WO2014/132628)
[30] JP (2013-040298) 2013-03-01

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,899,467**
[13] A1

[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SCREEN CLOTH FOR VIBRATING, ROTATING OR STATIONARY SCREENS**
[54] **TISSU DE TAMIS POUR LES ECRANS VIBRATOIRES, ROTATIFS OU STATIONNAIRES**
[72] MOON, SOON WON, CA
[72] OBAIA, KHALED, CA
[72] REID, DAMIEN, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[73] MOON, SOON WON, CA
[73] OBAIA, KHALED, CA
[73] REID, DAMIEN, CA
[86] (2899467)
[87] (2899467)
[22] 2015-08-04
[30] US (62/033,238) 2014-08-05

[11] **2,899,561**
[13] A1

[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/247 (2016.01)**
[25] EN
[54] **FUEL CELL AND FUEL CELL STACK WITH MAINTAINED ELECTRICAL CONNECTION**
[54] **PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE A CONNEXION ELECTRIQUE MAINTENUE**
[72] YAGI, HIROAKI, JP
[72] SATO, YOSHIKUNI, JP
[72] HOTTA, NOBUYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
[73] YAGI, HIROAKI, ZZ
[73] SATO, YOSHIKUNI, ZZ
[73] HOTTA, NOBUYUKI, ZZ
[85] 2015-07-28
[86] 2013-12-26 (PCT/JP2013/007631)
[87] (WO2014/118867)
[30] JP (2013-016489) 2013-01-31

[11] **2,899,828**
[13] A1

[51] **Int.Cl. G09B 29/04 (2006.01)**
[25] EN
[54] **MAP FOLDED TO EXPOSE STAGGERED EDGES**
[54] **CARTE PLIEE POUR EXPOSER DES BORDS ETAGES**
[72] LYNCH, PETER M., CA
[73] LYNCH, PETER M., CA
[85] 2015-07-30
[86] 2013-02-19 (PCT/CA2013/050129)
[87] (WO2014/127447)

[11] **2,900,111**
[13] A1

[51] **Int.Cl. C21D 9/46 (2006.01) C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING GRAIN-ORIENTED ELECTRICAL STEEL SHEET**
[54] **PROCEDE DE PRODUCTION DE TOLES D'ACIER ELECTRIQUE A GRAINS ORIENTES**
[72] UESAKA, MASANORI, JP
[72] IMAMURA, TAKESHI, JP
[72] SUEHIRO, RYUICHI, JP
[72] FUKUNAGA, TAKAYUKI, JP
[72] TAKAMIYA, TOSHITO, JP
[73] JFE STEEL CORPORATION, JP
[73] UESAKA, MASANORI, ZZ
[73] IMAMURA, TAKESHI, ZZ
[73] SUEHIRO, RYUICHI, ZZ
[73] FUKUNAGA, TAKAYUKI, ZZ
[73] TAKAMIYA, TOSHITO, ZZ
[85] 2015-08-03
[86] 2014-02-24 (PCT/JP2014/054371)
[87] (WO2014/132930)
[30] JP (2013-038891) 2013-02-28

[11] **2,900,299**
[13] A1

[51] **Int.Cl. D21F 3/06 (2006.01) D21F 3/08 (2006.01) D21G 9/00 (2006.01) G01D 5/02 (2006.01)**
[25] EN
[54] **INDUSTRIAL ROLL WITH TRIGGERING SYSTEM FOR SENSORS FOR OPERATIONAL PARAMETERS**
[54] **ROULEAU INDUSTRIEL COMPORTANT UN SYSTEME DE DECLENCHEMENT DESTINE A DES CAPTEURS POUR PARAMETRES DE FONCTIONNEMENT**
[72] CANTRELL, CLIFFORD BRUCE, US
[73] STOWE WOODWARD LICENSCO, LLC, US
[73] CANTRELL, CLIFFORD BRUCE, ZZ
[85] 2015-08-04
[86] 2014-04-17 (PCT/US2014/034446)
[87] (WO2014/172517)
[30] US (61/813,767) 2013-04-19

[11] **2,900,331**
[13] A1

[51] **Int.Cl. A23G 1/32 (2006.01) A23L 27/40 (2016.01) A23G 3/36 (2006.01)**
[25] EN
[54] **FOOD PRODUCTS COMPRISING A CALCIUM SALT**
[54] **PRODUITS ALIMENTAIRES COMPRENANT UN SEL DE CALCIUM**
[72] ELLEMAN, CAROLE JEAN, GB
[73] MONDELEZ UK R&D LIMITED, GB
[73] ELLEMAN, CAROLE JEAN, ZZ
[85] 2015-08-05
[86] 2014-03-19 (PCT/GB2014/050867)
[87] (WO2014/147400)
[30] GB (1305287.3) 2013-03-22

**Canadian Patents Issued
October 24, 2017**

[11] **2,900,354**
[13] A1

[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING AUDIO FRAME LOSS CONCEALMENT**

[54] **PROCEDE ET APPAREIL DE GESTION DE LA DISSIMULATION DE PERTE DE TRAME AUDIO**

[72] BRUHN, STEFAN, SE
[72] SVEDBERG, JONAS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE

[73] BRUHN, STEFAN, ZZ
[73] SVEDBERG, JONAS, ZZ
[85] 2015-08-05
[86] 2014-01-22 (PCT/SE2014/050068)
[87] (WO2014/123471)
[30] US (61/761,051) 2013-02-05
[30] US (61/760,822) 2013-02-05
[30] US (61/760,814) 2013-02-05

[11] **2,900,462**
[13] A1

[51] **Int.Cl. E21B 47/022 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING GRADIENT MEASUREMENTS IN RANGING OPERATIONS**

[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE MESURES DE GRADIENT DANS DES OPERATIONS DE TELEMETRIE**

[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US

[73] HAY, RICHARD THOMAS, ZZ
[85] 2015-08-06
[86] 2013-03-18 (PCT/US2013/032813)
[87] (WO2014/149030)

[11] **2,900,694**
[13] A1

[51] **Int.Cl. G01N 27/327 (2006.01) A61B 5/145 (2006.01) A61B 5/1473 (2006.01) A61B 5/1486 (2006.01) A61B 5/1495 (2006.01)**

[25] EN
[54] **METHODS OF USING INFORMATION FROM RECOVERY PULSES IN ELECTROCHEMICAL ANALYTE MEASUREMENTS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**

[54] **PROCEDES D'UTILISATION D'INFORMATIONS ISSUES D'IMPULSIONS DE RECUPERATION LORS DE MESURES D'ANALYTES ELECTROCHIMIQUES, ET DISPOSITIFS, APPAREILS ET SYSTEMES LES INCORPORANT**

[72] CARPENTER, SCOTT E., US
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] CARPENTER, SCOTT E., ZZ
[85] 2015-08-07
[86] 2014-03-13 (PCT/EP2014/054943)
[87] (WO2014/140164)
[30] US (61/798,383) 2013-03-15

[11] **2,900,696**
[13] A1

[51] **Int.Cl. G01N 27/10 (2006.01) G01N 27/327 (2006.01)**

[25] EN
[54] **METHODS OF SCALING DATA USED TO CONSTRUCT BIOSENSOR ALGORITHMS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**

[54] **PROCEDES DE MISE A L'ECHELLE DE DONNEES UTILISEES POUR CONSTRUIRE DES ALGORITHMES POUR DES CAPTEURS BIOLOGIQUES, AINSI QUE DISPOSITIFS, APPAREILS ET SYSTEMES INCORPORANT LESDITS PROCEDES**

[72] BUCK, HARVEY, US
[72] CARPENTER, SCOTT E., US
[72] PAN, ZHENG ZHENG, US
[72] VALVERDE-VENTURA, RENE, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] BUCK, HARVEY, ZZ
[73] CARPENTER, SCOTT E., ZZ
[73] PAN, ZHENG ZHENG, ZZ
[73] VALVERDE-VENTURA, RENE, ZZ
[85] 2015-08-07
[86] 2014-03-13 (PCT/EP2014/054952)
[87] (WO2014/140170)
[30] US (61/794,280) 2013-03-15

[11] **2,900,883**
[13] A1

[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **METHODS OF FAILSAFING ELECTROCHEMICAL MEASUREMENTS OF AN ANALYTE AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**

[54] **PROCEDES DE SURETE INTEGREE DE MESURES ELECTROCHIMIQUES D'UN ANALYTE AINSI QUE DISPOSITIFS, APPAREILS ET SYSTEMES LES COMPRENANT**

[72] CARPENTER, SCOTT E., US
[72] CHITTAJALLU, SIVA, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] CARPENTER, SCOTT E., ZZ
[73] CHITTAJALLU, SIVA, ZZ
[85] 2015-08-11
[86] 2014-03-13 (PCT/EP2014/054955)
[87] (WO2014/140172)
[30] US (61/793,377) 2013-03-15

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,901,209**
[13] A1

[51] **Int.Cl. B65D 25/34 (2006.01) B32B 15/09 (2006.01) B65D 25/14 (2006.01)**

[25] EN

[54] **LAMINATED METAL SHEET FOR TWO-PIECE CAN AND TWO-PIECE LAMINATED CAN BODY**

[54] **FEUILLE METALLIQUE STRATIFIEE DESTINEE A DES BOITES DE CONSERVE EN DEUX PARTIES ET CORPS DE BOITE DE CONSERVE STRATIFIEE EN DEUX PARTIES**

[72] NAKAGAWA, YUSUKE, JP
[72] KITAGAWA, JUNICHI, JP
[72] YAMANAKA, YOICHIRO, JP
[72] TOBIYAMA, YOICHI, JP
[73] JFE STEEL CORPORATION, JP
[73] NAKAGAWA, YUSUKE, ZZ
[73] KITAGAWA, JUNICHI, ZZ
[73] YAMANAKA, YOICHIRO, ZZ
[73] TOBIYAMA, YOICHI, ZZ

[85] 2015-08-12
[86] 2013-12-26 (PCT/JP2013/084794)
[87] (WO2014/132541)
[30] JP (2013-038704) 2013-02-28

[11] **2,901,331**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/16 (2006.01) A61L 15/22 (2006.01)**

[25] EN

[54] **METHOD, KIT, AND TAPE FOR WOUND CARE**

[54] **METHODE, TROUSSE ET RUBAN DESTINES AU SOIN DE PLAIES**

[72] ARBESMAN, RAY, CA
[72] JESCHKE, MARC, CA
[73] SPIDERTECH INC., CA
[73] SUNNYBROOK RESEARCH INSTITUTE, CA

[86] (2901331)
[87] (2901331)
[22] 2015-08-21

[11] **2,901,395**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **MATCHING MOBILE DEVICE TO TRANSACTION AND/OR CUSTOMER ACCOUNT**

[54] **ETABLISSEMENT DE LA CORRESPONDANCE ENTRE UN APPAREIL MOBILE ET UN COMPTE DE TRANSACTION OU UN COMPTE CLIENT**

[72] OH, SANG YOON, US
[72] SHARGIL, YOAV, US
[72] GANDHI, DENNIS, US
[73] OH, SANG YOON, ZZ
[73] SHARGIL, YOAV, ZZ
[73] GANDHI, DENNIS, ZZ
[73] SEARS BRANDS, LLC, US

[86] (2901395)
[87] (2901395)
[22] 2015-08-24
[30] US (14/476,935) 2014-09-04

[11] **2,901,403**
[13] A1

[51] **Int.Cl. E03C 1/04 (2006.01) F16K 21/00 (2006.01)**

[25] EN

[54] **MAGNETIC COUPLING FOR SPRAYHEADS**

[54] **COUPLAGE MAGNETIQUE POUR TETES DE PULVERISATION**

[72] DAVIDSON, KYLE ROBERT, US
[72] ROSKO, MICHAEL SCOT, US
[72] NELSON, ALFRED CHARLES, US
[73] DAVIDSON, KYLE ROBERT, ZZ
[73] ROSKO, MICHAEL SCOT, ZZ
[73] NELSON, ALFRED CHARLES, ZZ
[73] DELTA FAUCET COMPANY, US

[85] 2015-08-14
[86] 2014-02-21 (PCT/US2014/017696)
[87] (WO2014/130816)
[30] US (61/768,383) 2013-02-22

[11] **2,901,582**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **A BEVERAGE PREPARATION SYSTEM, A CAPSULE AND A METHOD FOR FORMING A BEVERAGE**

[54] **SYSTEME DE PREPARATION DE BOISSON, CAPSULE ET PROCEDE PERMETTANT DE PREPARER UNE BOISSON**

[72] CHAPMAN, ANDREW, GB
[72] BANISTER, STUART, GB
[72] JELLEY, SIMON, GB
[72] SHABUDIN, ESAK, GB
[72] HALLIDAY, ANDREW, GB
[73] CHAPMAN, ANDREW, ZZ
[73] BANISTER, STUART, ZZ
[73] JELLEY, SIMON, ZZ
[73] SHABUDIN, ESAK, ZZ
[73] HALLIDAY, ANDREW, ZZ
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL

[85] 2015-08-17
[86] 2014-05-16 (PCT/IB2014/000858)
[87] (WO2014/184652)
[30] GB (1308925.5) 2013-05-17
[30] GB (1308929.7) 2013-05-17

[11] **2,902,465**
[13] A1

[51] **Int.Cl. E03D 5/10 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR REDUCING CROSS-TALK BETWEEN CAPACITIVE SENSORS**

[54] **APPAREIL ET PROCEDE POUR REDUIRE UNE DIAPHONIE MUTUELLE ENTRE DES CAPTEURS CAPACITIFS**

[72] VEROS, MICHAEL J., US
[72] SAWASKI, JOEL D., US
[72] SCHNEIDER, RANDY L., US
[73] VEROS, MICHAEL J., ZZ
[73] SAWASKI, JOEL D., ZZ
[73] SCHNEIDER, RANDY L., ZZ
[73] DELTA FAUCET COMPANY, US

[85] 2015-08-25
[86] 2014-02-27 (PCT/US2014/018976)
[87] (WO2014/163930)
[30] US (13/798,406) 2013-03-13

Canadian Patents Issued
October 24, 2017

[11] **2,902,839**
[13] A1
[51] **Int.Cl. B23K 9/007 (2006.01) B23K 9/26 (2006.01) B23K 9/32 (2006.01) B23K 11/11 (2006.01) B23K 11/30 (2006.01) B23K 11/31 (2006.01)**
[25] EN
[54] **IMPROVED WATER JACKET CONFIGURATION FOR SPOT WELDING ASSEMBLY**
[54] **CONFIGURATION DE CHEMISE D'EAU AMELIOREE DESTINEE A UN APPAREILLAGE DE SOUDURE PAR POINT**
[72] ELMOFTY, OMAR, US
[72] TAYLOR, STEVE, US
[73] HONDA MOTOR CO., LTD., JP
[73] ELMOFTY, OMAR, ZZ
[73] TAYLOR, STEVE, ZZ
[86] (2902839)
[87] (2902839)
[22] 2015-09-03

[11] **2,903,035**
[13] A1
[51] **Int.Cl. C22C 38/04 (2006.01) C22C 38/02 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **NON-ORIENTED ELECTRICAL STEEL SHEET HAVING EXCELLENT HIGH-FREQUENCY IRON LOSS PROPERTY**
[54] **FEUILLE D'ACIER ELECTRIQUE NON ORIENTEE AYANT D'EXCELLENTE PROPRIETES DE PERTE DANS LE FER A HAUTE FREQUENCE**
[72] ODA, YOSHIHIKO, JP
[72] TODA, HIROAKI, JP
[72] KOSEKI, SHINJI, JP
[72] HIRATANI, TATSUHIKO, JP
[72] NAKANISHI, TADASHI, JP
[73] JFE STEEL CORPORATION, JP
[73] ODA, YOSHIHIKO, ZZ
[73] TODA, HIROAKI, ZZ
[73] KOSEKI, SHINJI, ZZ
[73] HIRATANI, TATSUHIKO, ZZ
[73] NAKANISHI, TADASHI, ZZ
[85] 2015-08-28
[86] 2014-03-12 (PCT/JP2014/056426)
[87] (WO2014/142149)
[30] JP (2013-053307) 2013-03-15

[11] **2,903,567**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **TELESCOPIC MAST**
[54] **MAT TELESCOPIQUE**
[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
[73] VETESNIK, JAN, CA
[86] (2903567)
[87] (2903567)
[22] 2015-09-08
[30] US (62183964) 2015-06-24

[11] **2,903,959**
[13] A1
[51] **Int.Cl. G01S 19/51 (2010.01) G01S 19/28 (2010.01) G01S 19/41 (2010.01)**
[25] EN
[54] **RELATIVE POSITION CALCULATING SYSTEM FOR WORK MACHINE**
[54] **SYSTEME DE CALCUL DE POSITION RELATIVE POUR MACHINE DE TRAVAIL**
[72] BANDO, MIKIO, JP
[72] SATO, TAKAYUKI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[73] BANDO, MIKIO, ZZ
[73] SATO, TAKAYUKI, ZZ
[73] ISHIMOTO, HIDEFUMI, ZZ
[85] 2015-09-03
[86] 2014-07-25 (PCT/JP2014/069765)
[87] (WO2015/016159)
[30] JP (2013-156409) 2013-07-29

[11] **2,903,980**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CLAMPING A BLISTER WITHIN A DRY POWDER INHALER**
[54] **PROCEDE ET DISPOSITIF POUR SERRER UNE COQUE A L'INTERIEUR D'UN INHALATEUR A POUVRE SECHE**
[72] MOSIER, KENT D., US
[73] MICRODOSE THERAPEUTX, INC., US
[73] MOSIER, KENT D., ZZ
[85] 2015-09-03
[86] 2014-03-04 (PCT/US2014/020371)
[87] (WO2014/149691)
[30] US (13/840,577) 2013-03-15

[11] **2,904,495**
[13] A1
[51] **Int.Cl. B60T 8/17 (2006.01) B60L 7/24 (2006.01) B60L 15/20 (2006.01) B60T 8/1761 (2006.01) B60T 8/42 (2006.01)**
[25] EN
[54] **VEHICULAR BRAKE SYSTEM**
[54] **SYSTEME DE FREINAGE DE VEHICULE**
[72] UENO, MASAYUKI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] UENO, MASAYUKI, ZZ
[85] 2015-09-08
[86] 2014-03-28 (PCT/JP2014/059324)
[87] (WO2014/157683)
[30] JP (2013-069890) 2013-03-28

[11] **2,904,664**
[13] A1
[51] **Int.Cl. E21B 3/02 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **MULTI-SERVICE SUPPLY LINE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LIGNE D'ALIMENTATION MULTISERVICES**
[72] KINGSLEY, ALAN ROSS, CA
[73] TESCO CORPORATION, US
[73] KINGSLEY, ALAN ROSS, CA
[85] 2015-09-08
[86] 2014-03-04 (PCT/US2014/020394)
[87] (WO2014/158825)
[30] US (13/804,615) 2013-03-14

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,905,028**
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **UPSTREAM PILOT STRUCTURE IN POINT TO MULTIPOINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION SYSTEM**
[54] **STRUCTURE DE PILOTE AMONT DANS UN SYSTEME DE COMMUNICATION PAR MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE POINT A MULTIPOINT**
[72] ZHANG, XIAOFENG, US
[72] OUYANG, TAO, US
[72] PAN, DAO, US
[72] SI, XIAOSHU, US
[72] RAHMAN, SYED, US
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[73] ZHANG, XIAOFENG, ZZ
[73] OUYANG, TAO, ZZ
[73] PAN, DAO, ZZ
[73] SI, XIAOSHU, ZZ
[73] RAHMAN, SYED, ZZ
[85] 2015-09-09
[86] 2014-03-11 (PCT/US2014/023410)
[87] (WO2014/164762)
[30] US (61/776,488) 2013-03-11

[11] **2,905,325**
[13] A1

[51] **Int.Cl. F02K 1/76 (2006.01)**
[25] EN
[54] **ENGINE THRUST REVERSER LOCK**
[54] **VERROUILLAGE D'INVERSEUR DE POUSSEE DE MOTEUR**
[72] KOPECEK, JOSEPH THOMAS, US
[72] ANAYA, JESUS, MX
[72] STIEG, MICHAEL ALAN, US
[72] OZANICH, BRENT MICHAEL, US
[72] CONWAY, GEORGE, US
[72] MEARS, JOHN STEPHEN, US
[72] WILLETT, KENNETH, US
[73] WOODWARD HRT, INC., US
[73] KOPECEK, JOSEPH THOMAS, ZZ
[73] ANAYA, JESUS, ZZ
[73] STIEG, MICHAEL ALAN, ZZ
[73] OZANICH, BRENT MICHAEL, ZZ
[73] CONWAY, GEORGE, ZZ
[73] MEARS, JOHN STEPHEN, ZZ
[73] WILLETT, KENNETH, ZZ
[85] 2015-09-10
[86] 2014-03-05 (PCT/US2014/020557)
[87] (WO2014/158852)
[30] US (13/827,192) 2013-03-14

[11] **2,905,339**
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **EXPANDABLE BALL SEAT FOR HYDRAULICALLY ACTUATING TOOLS**
[54] **SIEGE DE ROTULE EXTENSIBLE POUR DES OUTILS A ACTIONNEMENT HYDRAULIQUE**
[72] CASTRO, CANDIDO, US
[73] WEATHERFORD/LAMB, INC., US
[73] CASTRO, CANDIDO, ZZ
[85] 2015-09-10
[86] 2014-03-11 (PCT/US2014/023103)
[87] (WO2014/164646)
[30] US (13/793,688) 2013-03-11

[11] **2,905,690**
[13] A1

[51] **Int.Cl. B60W 30/10 (2006.01) B60W 30/12 (2006.01) B60W 30/14 (2006.01) B60W 40/02 (2006.01)**
[25] EN
[54] **AUTOMATIC DRIVING SYSTEM FOR VEHICLE**
[54] **SYSTEME DE CONDUITE AUTOMATIQUE POUR VEHICULE**
[72] PARK, SU-MIN, KR
[73] PARK, SU-MIN, KR
[73] PARK, YOUNG-IL, KR
[85] 2015-09-11
[86] 2014-03-18 (PCT/KR2014/002257)
[87] (WO2014/163307)
[30] KR (10-2013-0035003) 2013-04-01

[11] **2,905,815**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **SPLIT FOLDBACK RINGS WITH ANTI-HOOPING BAND**
[54] **BAGUES FENDUES POUR UN DOUBLE DISPOSITIF DOTEES D'UNE BANDE ANTI-FRETTAGE**
[72] DERBY, MICHAEL C., US
[73] WEATHERFORD/LAMB, INC., US
[73] DERBY, MICHAEL C., ZZ
[85] 2015-09-11
[86] 2014-03-11 (PCT/US2014/023119)
[87] (WO2014/164651)
[30] US (61/777,523) 2013-03-12

[11] **2,906,352**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **DOUBLE COMPRESSION SET PACKER**
[54] **GARNITURE D'ETANCHEITE A MISE EN PLACE PAR DOUBLE COMPRESSION**
[72] DERBY, MICHAEL C., US
[72] GOODMAN, BRANDON C., US
[73] WEATHERFORD/LAMB, INC., US
[73] DERBY, MICHAEL C., ZZ
[73] GOODMAN, BRANDON C., ZZ
[85] 2015-09-14
[86] 2014-03-11 (PCT/US2014/023128)
[87] (WO2014/159344)
[30] US (13/826,021) 2013-03-14

**Canadian Patents Issued
October 24, 2017**

[11] **2,906,379**
[13] A1

[51] **Int.Cl. E21B 33/129 (2006.01)**
[25] EN
[54] **BONDED SEGMENTED SLIPS**
[54] **COINS DE RETENUE SEGMENTES**
ASSEMBLES
[72] MHASKAR, NAUMAN, US
[72] TREADAWAY, SHAWN J., US
[72] STAGE, MATTHEW, US
[72] YOUNG, JONATHAN A., US
[73] WEATHERFORD/LAMB, INC., US
[73] MHASKAR, NAUMAN, ZZ
[73] TREADAWAY, SHAWN J., ZZ
[73] STAGE, MATTHEW, ZZ
[73] YOUNG, JONATHAN A., ZZ
[85] 2015-09-14
[86] 2014-03-11 (PCT/US2014/023145)
[87] (WO2014/150398)
[30] US (61/789,467) 2013-03-15

[11] **2,906,488**
[13] A1

[51] **Int.Cl. H01M 8/2483 (2016.01) H01M**
2/30 (2006.01)
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] KURIHARA, TAKUYA, JP
[73] TOYOTA JIDOSHA KABUSHIKI
KAISHA, JP
[73] KURIHARA, TAKUYA, ZZ
[86] (2906488)
[87] (2906488)
[22] 2015-09-29
[30] JP (2014-209749) 2014-10-14

[11] **2,906,576**
[13] A1

[51] **Int.Cl. B03B 9/02 (2006.01) B01D**
21/00 (2006.01)
[25] EN
[54] **A CONTAINMENT PROCESS FOR**
OIL SANDS TAILINGS
[54] **UN PROCEDE DE CONFINEMENT**
DES RESIDUS DES SABLES
BITUMINEUX
[72] READ, PETER, CA
[72] BUCHANAN, GAIL, CA
[72] WANG, NAN, CA
[72] HALFERDAHL, GEOFFREY, CA
[72] DONAHUE, ROBERT, CA
[73] SYNCRUDE CANADA LTD., CA
[73] READ, PETER, CA
[73] BUCHANAN, GAIL, CA
[73] WANG, NAN, CA
[73] HALFERDAHL, GEOFFREY, CA
[73] DONAHUE, ROBERT, CA
[86] (2906576)
[87] (2906576)
[22] 2015-09-29
[30] US (62/057,410) 2014-09-30

[11] **2,907,913**
[13] A1

[51] **Int.Cl. C10G 2/00 (2006.01)**
[25] EN
[54] **HYDROCARBON-PRODUCING**
APPARATUS AND
HYDROCARBON-PRODUCING
METHOD
[54] **APPAREIL DE PRODUCTION**
D'HYDROCARBURES ET
PROCEDE DE PRODUCTION
D'HYDROCARBURES
[72] ISHITO, YUKIFUMI, JP
[72] INOUE, JUNICHI, JP
[72] SHINGU, MASAKI, JP
[72] NAGANO, HARUKI, JP
[72] TASAKA, KAZUHIKO, JP
[73] JAPAN OIL, GAS AND METALS
NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY
CORPORATION, JP
[73] JAPAN PETROLEUM
EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN
ENGINEERING CO., LTD., JP
[73] ISHITO, YUKIFUMI, ZZ
[73] INOUE, JUNICHI, ZZ
[73] SHINGU, MASAKI, ZZ
[73] NAGANO, HARUKI, ZZ
[73] TASAKA, KAZUHIKO, ZZ
[85] 2015-09-22
[86] 2014-03-19 (PCT/JP2014/057562)
[87] (WO2014/156893)
[30] JP (2013-073223) 2013-03-29

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,907,940**
[13] A1

[51] **Int.Cl. F01D 25/26 (2006.01) F01D 11/24 (2006.01) F01D 21/12 (2006.01)**
[25] EN
[54] **TURBINE ENGINE SHUTDOWN TEMPERATURE CONTROL SYSTEM WITH NOZZLE INJECTION FOR A GAS TURBINE ENGINE**
[54] **SYSTEME DE COMMANDE DE TEMPERATURE D'ARRET DE MOTEUR A TURBINE AVEC INJECTION PAR INJECTEUR POUR TURBINE A GAZ**
[72] LOHSE, UWE, DE
[72] LANDRUM, EVAN C., US
[72] ZHANG, JIPING, ZZ
[72] CHEHAB, ABDULLATIF M., US
[73] SIEMENS AKTIENGESSELLSCHAFT, DE
[73] LOHSE, UWE, ZZ
[73] LANDRUM, EVAN C., ZZ
[73] ZHANG, JIPING, ZZ
[73] CHEHAB, ABDULLATIF M., ZZ
[85] 2015-09-22
[86] 2014-03-11 (PCT/US2014/023326)
[87] (WO2014/164724)
[30] US (13/855,756) 2013-04-03

[11] **2,907,951**
[13] A1

[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 8/04007 (2016.01) H01M 8/2457 (2016.01)**
[25] EN
[54] **FUEL GAS FLOW PATH IN A SOLID OXIDE FUEL CELL**
[54] **PARCOURS D'ECOULEMENT DE GAZ COMBUSTIBLE DANS UNE PILE A COMBUSTIBLE A OXYDE SOLIDE**
[72] TSUGA, SHUNSUKE, JP
[72] SHICHIDA, TAKAFUMI, JP
[72] MORIKAWA, TETSUYA, JP
[72] HOTTA, NOBUYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
[73] TSUGA, SHUNSUKE, ZZ
[73] SHICHIDA, TAKAFUMI, ZZ
[73] MORIKAWA, TETSUYA, ZZ
[73] HOTTA, NOBUYUKI, ZZ
[85] 2015-09-23
[86] 2014-02-05 (PCT/JP2014/052659)
[87] (WO2014/156314)
[30] JP (2013-072922) 2013-03-29

[11] **2,908,073**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **INTERACTIVE ELEMENTS IN A USER INTERFACE**
[54] **ELEMENTS INTERACTIFS DANS UNE INTERFACE UTILISATEUR**
[72] LUU, FRANCIS, US
[72] FLYNN, WILLIAM JOSEPH, III, US
[73] FACEBOOK, INC., US
[73] LUU, FRANCIS, ZZ
[73] FLYNN, WILLIAM JOSEPH, III, ZZ
[85] 2015-09-24
[86] 2014-04-01 (PCT/US2014/032516)
[87] (WO2014/165508)
[30] US (61/807,432) 2013-04-02
[30] US (13/959,678) 2013-08-05

[11] **2,908,521**
[13] A1

[51] **Int.Cl. G01M 11/02 (2006.01) G01B 11/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE SPATIAL STRUCTURE OF AN OBJECT**
[54] **PROCEDE ET SYSTEME POUR DETERMINER LA STRUCTURE SPATIALE D'UN OBJET**
[72] GLASENAPP, CARSTEN, DE
[72] HORNAUER, MATTHIAS, DE
[72] HANSEN, ADALBERT, DE
[72] SCHLEITZER, YVONNE, DE
[72] OMLOR, LARS, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[73] CARL ZEISS AG, DE
[73] GLASENAPP, CARSTEN, ZZ
[73] HORNAUER, MATTHIAS, ZZ
[73] HANSEN, ADALBERT, ZZ
[73] SCHLEITZER, YVONNE, ZZ
[73] OMLOR, LARS, ZZ
[85] 2015-09-24
[86] 2014-04-30 (PCT/EP2014/058859)
[87] (WO2014/177632)
[30] DE (10 2013 208 090.5) 2013-05-02
[30] DE (10 2013 208 091.3) 2013-05-02
[30] DE (10 2013 219 838.8) 2013-09-30

[11] **2,908,920**
[13] A1

[51] **Int.Cl. G01N 11/16 (2006.01)**
[25] EN
[54] **VIBRATORY SENSOR AND METHOD OF VARYING VIBRATION IN A VIBRATORY SENSOR**
[54] **CAPTEUR DE VIBRATIONS ET PROCEDE DE VARIATION DE VIBRATION DANS UN CAPTEUR DE VIBRATIONS**
[72] KRAVITZ, ANDREW S., US
[72] MCANALLY, CRAIG B., US
[73] MICRO MOTION, INC., US
[73] KRAVITZ, ANDREW S., ZZ
[73] MCANALLY, CRAIG B., ZZ
[85] 2015-10-06
[86] 2013-05-31 (PCT/US2013/043568)
[87] (WO2014/175902)
[30] US (61/816,221) 2013-04-26

[11] **2,910,378**
[13] A1

[51] **Int.Cl. E04H 17/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE FENCE**
[54] **CLOTURE AJUSTABLE**
[72] WU, CHUN-YIN, CN
[73] HUDSON HARDWARE & PLASTICS CO., LIMITED, CN
[73] WU, CHUN-YIN, ZZ
[86] (2910378)
[87] (2910378)
[22] 2015-10-27
[30] TW (104127109) 2015-08-20

**Canadian Patents Issued
October 24, 2017**

[11] **2,910,444**
[13] A1

[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] CHUN, DONG WON, KR
[72] NAM, YEON YOUNG, KR
[72] YUN, DEOK SANG, KR
[72] CHOI, HWAN WOONG, KR
[72] PARK, YU NA, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] CHUN, DONG WON, ZZ
[73] NAM, YEON YOUNG, ZZ
[73] YUN, DEOK SANG, ZZ
[73] CHOI, HWAN WOONG, ZZ
[73] PARK, YU NA, ZZ
[85] 2015-10-26
[86] 2014-06-10 (PCT/KR2014/005069)
[87] (WO2014/200239)
[30] KR (10-2013-0067002) 2013-06-12

[11] **2,910,497**
[13] A1

[51] **Int.Cl. F16F 15/04 (2006.01) E01D 19/00 (2006.01) E04H 9/02 (2006.01)**
[25] EN
[54] **FRICTION-DAMPING ENERGY ABSORBER**
[54] **ABSORBEUR D'ENERGIE AMORTISSANT LA FRICTION**
[72] TSAI, CHONG-SHIEN, TW
[73] TSAI, CHONG-SHIEN, TW
[86] (2910497)
[87] (2910497)
[22] 2015-10-27
[30] TW (103143861) 2014-12-16

[11] **2,911,408**
[13] A1

[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/422 (2006.01) A61P 35/00 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE DERIVATIVES AS BROMODOMAIN INHIBITORS**
[54] **DERIVES DE BENZIMIDAZOLE EN TANT QU'INHIBITEURS DE BROMODOMAINE**
[72] AKTOUDIANAKIS, EVANGELOS, US
[72] CHIN, GREGORY, US
[72] CORKEY, BRITTON KENNETH, US
[72] DU, JINFA, US
[72] ELBEL, KRISTYNA, US
[72] JIANG, ROBERT H., US
[72] KOBAYASHI, TETSUYA, US
[72] LEE, RICK, US
[72] MARTINEZ, RUBEN, US
[72] METOBO, SAMUEL E., US
[72] MISH, MICHAEL, US
[72] MUNOZ, MANUEL, US
[72] SHEVICK, SOPHIE, US
[72] SPERANDIO, DAVID, US
[72] YANG, HAI, US
[72] ZABLOCKI, JEFF, US
[73] GILEAD SCIENCES, INC., US
[73] AKTOUDIANAKIS, EVANGELOS, ZZ
[73] CHIN, GREGORY, ZZ
[73] CORKEY, BRITTON KENNETH, ZZ
[73] DU, JINFA, ZZ
[73] ELBEL, KRISTYNA, ZZ
[73] JIANG, ROBERT H., ZZ
[73] KOBAYASHI, TETSUYA, ZZ
[73] LEE, RICK, ZZ
[73] MARTINEZ, RUBEN, ZZ
[73] METOBO, SAMUEL E., ZZ
[73] MISH, MICHAEL, ZZ
[73] MUNOZ, MANUEL, ZZ
[73] SHEVICK, SOPHIE, ZZ
[73] SPERANDIO, DAVID, ZZ
[73] YANG, HAI, ZZ
[73] ZABLOCKI, JEFF, ZZ
[85] 2015-11-03
[86] 2014-05-08 (PCT/US2014/037344)
[87] (WO2014/182929)
[30] US (61/821,612) 2013-05-09
[30] US (61/826,912) 2013-05-23
[30] US (61/860,229) 2013-07-30
[30] US (61/951,347) 2014-03-11

[11] **2,911,579**
[13] A1

[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/0438 (2016.01) H01M 8/04537 (2016.01) H01M 8/04701 (2016.01)**
[25] EN
[54] **A COOLING SYSTEM FOR A FUEL CELL SYSTEM**
[54] **UN SYSTEME DE REFROIDISSEMENT DESTINE A UN SYSTEME DE PILE A COMBUSTIBLE**
[72] YAMADA, TAKASHI, JP
[72] IMANISHI, HIROYUKI, JP
[72] OKAMOTO, YOHEI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] YAMADA, TAKASHI, ZZ
[73] IMANISHI, HIROYUKI, ZZ
[73] OKAMOTO, YOHEI, ZZ
[86] (2911579)
[87] (2911579)
[22] 2015-11-06
[30] JP (2014-230188) 2014-11-12

[11] **2,911,583**
[13] A1

[51] **Int.Cl. B60K 15/05 (2006.01)**
[25] EN
[54] **CAP**
[54] **BOUCHON**
[72] ONISHI, HIROFUMI, JP
[72] KONDO, MASAOKI, JP
[72] YAMASHITA, AKIRA, JP
[72] FURUTA, YUJI, JP
[72] YOSHIDA, YUKIO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] ONISHI, HIROFUMI, ZZ
[73] KONDO, MASAOKI, ZZ
[73] YAMASHITA, AKIRA, ZZ
[73] FURUTA, YUJI, ZZ
[73] YOSHIDA, YUKIO, ZZ
[86] (2911583)
[87] (2911583)
[22] 2015-11-06
[30] JP (2014-232038) 2014-11-14

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,911,588**
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01) F21K 9/60 (2016.01) G02B 6/10 (2006.01)**

[25] EN
[54] **ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] KINOSHITA, SEIJI, JP
[73] KURARAY CO., LTD., JP
[73] KINOSHITA, SEIJI, ZZ
[85] 2015-11-06
[86] 2014-05-09 (PCT/JP2014/062467)
[87] (WO2014/181865)
[30] JP (2013-100025) 2013-05-10

[11] **2,911,635**
[13] A1

[51] **Int.Cl. F01K 13/00 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS OF SEMI-CENTRALIZED POWER STORAGE AND POWER PRODUCTION FOR MULTI-DIRECTIONAL SMART GRID AND OTHER APPLICATIONS**
[54] **SYSTEMES ET PROCÉDES DE STOCKAGE D'ÉNERGIE SEMI-CENTRALISÉ ET DE PRODUCTION D'ÉNERGIE POUR RESEAU ELECTRIQUE INTELLIGENT MULTIDIRECTIONNEL ET AUTRES APPLICATIONS**
[72] VANDOR, DAVID, US
[73] EXPANSION ENERGY LLC, US
[73] VANDOR, DAVID, ZZ
[85] 2015-11-06
[86] 2014-04-29 (PCT/US2014/035802)
[87] (WO2014/182498)
[30] US (13/890,917) 2013-05-09

[11] **2,912,660**
[13] A1

[51] **Int.Cl. B60B 21/02 (2006.01) B60B 21/12 (2006.01)**

[25] EN
[54] **WHEEL FOR VEHICLE**
[54] **ROUE POUR VEHICULE**
[72] ISHII, KATSUSHI, JP
[72] ISHIZUKA, ATSUSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] ISHII, KATSUSHI, ZZ
[73] ISHIZUKA, ATSUSHI, ZZ
[85] 2015-11-16
[86] 2014-04-14 (PCT/JP2014/060581)
[87] (WO2014/188815)
[30] JP (2013-106925) 2013-05-21

[11] **2,913,293**
[13] A1

[51] **Int.Cl. C10J 3/00 (2006.01) F23G 5/027 (2006.01)**

[25] EN
[54] **METHOD FOR INHIBITING OCCURRENCE OF PYROLYSIS DEPOSIT IN PYROLYSIS GASIFICATION SYSTEM, AND PYROLYSIS GASIFICATION SYSTEM**
[54] **PROCEDE PERMETTANT D'INHIBER L'APPARITION DE DEPOT PYROLYTIQUE DANS UN SYSTEME DE GAZEIFICATION PAR PYROLYSE**
[72] ENDOU, YUUKI, JP
[72] KITTA, TAKEHIRO, JP
[72] KAKURATA, KAZUAKI, JP
[72] ABE, JUNICHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[73] ENDOU, YUUKI, ZZ
[73] KITTA, TAKEHIRO, ZZ
[73] KAKURATA, KAZUAKI, ZZ
[73] ABE, JUNICHIRO, ZZ
[85] 2015-11-23
[86] 2013-07-11 (PCT/JP2013/068984)
[87] (WO2015/004773)

[11] **2,913,425**
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) F04B 43/02 (2006.01) F04B 45/04 (2006.01) F16K 15/03 (2006.01)**

[25] EN
[54] **A VALVE AND DIAPHRAGM FOR A PUMP**
[54] **SOUPAPE ET DIAPHRAGME POUR UNE POMPE**
[72] SANTA, DAVID LUIZ, AU
[73] JOE SANTA & ASSOCIATES PTY LIMITED, AU
[73] SANTA, DAVID LUIZ, ZZ
[86] (2913425)
[87] (2913425)
[22] 2009-02-20
[62] 2,722,592
[30] AU (2008902425) 2008-05-16

[11] **2,913,798**
[13] A1

[51] **Int.Cl. E02D 17/00 (2006.01) B65G 5/00 (2006.01) E21B 21/01 (2006.01)**

[25] EN
[54] **FLUID CONTAINMENT AND MANAGEMENT SYSTEM**
[54] **SYSTEME DE RETENTION ET DE GESTION DES FLUIDES**
[72] NOLT, DAVID A., US
[73] D.A. NOLT, INC., US
[73] NOLT, DAVID A., ZZ
[86] (2913798)
[87] (2913798)
[22] 2012-10-05
[62] 2,851,137
[30] US (61/627,297) 2011-10-07
[30] US (61/685,647) 2012-03-21

[11] **2,914,206**
[13] A1

[51] **Int.Cl. C08L 95/00 (2006.01) C08K 3/00 (2006.01) C08K 5/00 (2006.01) E01C 7/22 (2006.01)**

[25] EN
[54] **RECYCLED HOT ASPHALT MIXTURE PRODUCTION METHOD**
[54] **PROCEDE DE FABRICATION D'ASPHALTE MELANGE A CHAUD RECYCLE**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] EMUKAI, TOSHIHUMI, JP
[73] MAEDA ROAD CONSTRUCTION CO.,LTD, JP
[73] MORIYASU, HIROCHIKA, ZZ
[73] KOSHI, KENTARO, ZZ
[73] EMUKAI, TOSHIHUMI, ZZ
[85] 2015-12-01
[86] 2014-05-30 (PCT/JP2014/064446)
[87] (WO2014/196470)
[30] JP (2013-119913) 2013-06-06

**Canadian Patents Issued
October 24, 2017**

[11] **2,914,598**
[13] A1

[51] **Int.Cl. E02D 5/56 (2006.01) E02D 5/54 (2006.01)**

[25] EN

[54] **HELICAL PILE COUPLER, ASSEMBLY, AND METHOD**

[54] **RACCORD DE PIEU HELICOIDAL, ENSEMBLE ET METHODE**

[72] LI, BAOCHENG, CA

[73] 351471 ALBERTA LTD., CA

[73] LI, BAOCHENG, CA

[86] (2914598)

[87] (2914598)

[22] 2015-12-08

[11] **2,914,643**
[13] A1

[51] **Int.Cl. C04B 26/20 (2006.01) C04B 24/04 (2006.01) C04B 24/24 (2006.01)**

[25] EN

[54] **CEMENT ADMIXTURE INCLUDING POLYMERS**

[54] **MELANGE DE CIMENT COMPRENANT DES POLYMERES**

[72] PISKLAK, THOMAS J., US

[72] LEWIS, SAM J., US

[72] BOUL, PETER JAMES, US

[72] OTIENO, PAULINE AKINYI, US

[72] AGAPIOU, KYRIACOS, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[73] PISKLAK, THOMAS J., ZZ

[73] LEWIS, SAM J., ZZ

[73] BOUL, PETER JAMES, ZZ

[73] OTIENO, PAULINE AKINYI, ZZ

[73] AGAPIOU, KYRIACOS, ZZ

[85] 2015-12-04

[86] 2013-09-04 (PCT/US2013/057946)

[87] (WO2015/034477)

[11] **2,915,059**
[13] A1

[51] **Int.Cl. F02D 19/08 (2006.01) F02D 41/00 (2006.01) F02M 43/00 (2006.01)**

[25] EN

[54] **MULTI-FUEL SYSTEM FOR INTERNAL COMBUSTION ENGINES**

[54] **SYSTEME MULTICARBURANT POUR DES MOTEURS A COMBUSTION INTERNE**

[72] MONROS, SERGE V., US

[73] MONROS, SERGE V., US

[85] 2015-12-10

[86] 2014-06-19 (PCT/US2014/043168)

[87] (WO2014/209750)

[30] US (61/840,129) 2013-06-27

[30] US (14/308,103) 2014-06-18

[11] **2,916,309**
[13] A1

[51] **Int.Cl. B31B 50/26 (2017.01) B31B 50/62 (2017.01)**

[25] EN

[54] **COLLAPSIBLE BOX MAKING EQUIPMENT**

[54] **EQUIPEMENT DE FABRICATION DE BOITE ECRASABLE**

[72] GOTTLIEB, BRIAN JEFF, CA

[73] GOTTLIEB, BRIAN JEFF, CA

[86] (2916309)

[87] (2916309)

[22] 2015-12-29

[30] US (14/979,096) 2015-12-22

[11] **2,916,620**
[13] A1

[51] **Int.Cl. F16M 11/00 (2006.01) E04H 12/00 (2006.01) F16M 13/00 (2006.01) F21S 8/08 (2006.01) F21V 21/26 (2006.01) F24D 15/00 (2006.01)**

[25] EN

[54] **SWIVELING SUPPORT FOR AMENITIES**

[54] **SUPPORT PIVOTANT POUR APPAREILS**

[72] HERFT, TERENCE, US

[73] HERFT, TERENCE, US

[86] (2916620)

[87] (2916620)

[22] 2016-01-04

[30] US (14/590,785) 2015-01-06

[11] **2,917,152**
[13] A1

[51] **Int.Cl. A45F 3/16 (2006.01) A47G 19/22 (2006.01)**

[25] EN

[54] **WIDE-MOUTH CONTAINER WITH HANDLE**

[54] **CONTENANT A GRANDE OUVERTURE EQUIPE D'UNE POIGNEE**

[72] KIRKPATRICK, JOE, CA

[73] MAMMOTH MUG INC., CA

[73] KIRKPATRICK, JOE, CA

[86] (2917152)

[87] (2917152)

[22] 2016-01-08

[30] US (14/990,344) 2016-01-07

[11] **2,917,272**
[13] A1

[51] **Int.Cl. B60D 1/28 (2006.01) B60D 1/06 (2006.01)**

[25] EN

[54] **BALL HITCH WITH LOCKING SWIVEL AND RAMP**

[54] **ROTULE D'ATTELAGE AVEC PIVOT ET RAMPE DE VERROUILLAGE**

[72] OLSON, BRIAN R., CA

[73] POWER PIN INC., CA

[73] OLSON, BRIAN R., CA

[85] 2016-01-04

[86] 2015-01-07 (PCT/CA2015/000006)

[87] (WO2015/103691)

[30] CA (2838624) 2014-01-08

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,917,303**
[13] A1

[51] **Int.Cl. C22C 38/32 (2006.01) C21D 8/00 (2006.01) C21D 9/32 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/26 (2006.01) C23C 8/22 (2006.01)**

[25] EN

[54] **MECHANICAL STRUCTURAL COMPONENT AND METHOD FOR MANUFACTURING SAME**

[54] **COMPOSANT STRUCTURAL MECANIQUE ET SON PROCEDE DE FABRICATION**

[72] IMANAMI, YUTA, JP
[72] IWAMOTO, TAKASHI, JP
[72] UWAI, KIYOSHI, JP
[73] JFE STEEL CORPORATION, JP
[73] IMANAMI, YUTA, ZZ
[73] IWAMOTO, TAKASHI, ZZ
[73] UWAI, KIYOSHI, ZZ

[85] 2016-01-04
[86] 2014-07-10 (PCT/JP2014/003680)
[87] (WO2015/029308)
[30] JP (2013-180260) 2013-08-30

[11] **2,917,328**
[13] A1

[51] **Int.Cl. A61M 25/06 (2006.01) A61M 25/01 (2006.01)**

[25] EN

[54] **INTRAVASCULAR CATHETER INSERTION DEVICE**

[54] **DISPOSITIF D'INTRODUCTION POUR CATHETER INTRAVASCULAIRE**

[72] FARLEY, SEAN S., US
[72] RATINER, BORIS, US
[73] FARLEY, SEAN S., US
[73] RATINER, BORIS, US

[85] 2016-01-04
[86] 2014-07-09 (PCT/US2014/045837)
[87] (WO2015/006383)
[30] US (61/844,349) 2013-07-09
[30] US (14/326,088) 2014-07-08

[11] **2,917,609**
[13] A1

[51] **Int.Cl. G06F 9/52 (2006.01)**

[25] EN

[54] **BARRIER SYNCHRONIZATION WITH DYNAMIC WIDTH CALCULATION**

[54] **SYNCHRONISATION PAR BARRIERE AVEC CALCUL DYNAMIQUE DE LARGEUR**

[72] GASTER, BENEDICT RUBEN, US
[73] QUALCOMM INCORPORATED, US
[73] GASTER, BENEDICT RUBEN, ZZ

[85] 2016-01-06
[86] 2014-08-07 (PCT/US2014/050143)
[87] (WO2015/023509)
[30] US (13/965,818) 2013-08-13

[11] **2,917,911**
[13] A1

[51] **Int.Cl. B60S 3/04 (2006.01) A46B 7/02 (2006.01) A46B 17/08 (2006.01) A47L 1/06 (2006.01) A47L 13/08 (2006.01) E01H 5/02 (2006.01)**

[25] EN

[54] **SELF-CLEANING EXTENSIBLE SNOW BRUSH AND FLEXIBLE SCRAPER**

[54] **BROSSE DE DENEIGEMENT EXTENSIBLE AUTO-NETTOYANTE ET GRATTOIR SOUPLE**

[72] LAFLEUR, ANDRE, CA
[73] LAFLEUR, ANDRE, CA

[86] (2917911)
[87] (2917911)
[22] 2006-08-02
[62] 2,554,811

[11] **2,918,028**
[13] A1

[51] **Int.Cl. B01J 19/02 (2006.01) C07C 29/68 (2006.01) C07C 31/28 (2006.01) C09K 21/06 (2006.01) C23C 16/06 (2006.01) C23C 16/40 (2006.01)**

[25] EN

[54] **METAL ALKOXIDES, APPARATUS FOR MANUFACTURING METAL ALKOXIDES, RELATED METHODS AND USES THEREOF**

[54] **ALCOXYDES METALLIQUES, APPAREIL DE FABRICATION D'ALCOXYDES METALLIQUES, PROCEDES ET UTILISATIONS ASSOCIES**

[72] DUTTA, PARTHA S., US
[72] LEWIS, SARAH L., US
[72] LITZ, KYLE E., US
[72] ROSSETTI, MARK N., US
[72] JORDAN, TRACEY M., US
[72] VREELAND, JENNIFER L., US
[73] DUTTA, PARTHA S., ZZ
[73] LEWIS, SARAH L., ZZ
[73] LITZ, KYLE E., ZZ
[73] ROSSETTI, MARK N., ZZ
[73] JORDAN, TRACEY M., ZZ
[73] VREELAND, JENNIFER L., ZZ
[73] AUTERRA, INC., US

[86] (2918028)
[87] (2918028)
[22] 2008-11-05
[62] 2,705,456
[30] US (60/990,149) 2007-11-26

Canadian Patents Issued
October 24, 2017

[11] **2,918,322**
[13] A1

[51] **Int.Cl. D06M 15/277 (2006.01) D01D 5/00 (2006.01) D01F 8/00 (2006.01) D06M 11/45 (2006.01)**

[25] EN

[54] **IMPROVED WEAR POLYTETRAFLUOROETHYLENE (PTFE) FIBER AND METHOD OF MAKING SAME**

[54] **FIBRE DE POLYTETRAFLUOROETHYLENE (PTFE) A RESISTANCE A L'USURE AMELIOREE ET PROCEDE DE FABRICATION DE CELLE-CI**

[72] MOON, CHESTER DARRYL, US
[72] NELSON, ARTHUR RUSSELL, US
[72] GULDSTRAND, TREVOR, US
[72] HUTTO, MATT, US
[73] TORAY FLUOROFIBERS (AMERICA), INC., US
[73] MOON, CHESTER DARRYL, ZZ
[73] NELSON, ARTHUR RUSSELL, ZZ
[73] GULDSTRAND, TREVOR, ZZ
[73] HUTTO, MATT, ZZ
[85] 2016-01-13
[86] 2014-07-25 (PCT/US2014/048210)
[87] (WO2015/017272)
[30] US (13/953,401) 2013-07-29

[11] **2,919,143**
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) A62D 3/38 (2007.01) C10G 1/00 (2006.01)**

[25] EN

[54] **PROCESS FOR TREATING WASTE FEEDSTOCK AND GASIFIER FOR SAME**

[54] **PROCEDE DE TRAITEMENT D'UNE CHARGE D'ALIMENTATION CONSTITUEE DE DECHETS ET REACTEUR DE GAZEIFICATION A CET EFFET**

[72] FORD, DARRELL, CA
[72] DAVISON, KEN, CA
[73] IQ ENERGY INC., CA
[73] FORD, DARRELL, CA
[73] DAVISON, KEN, CA
[85] 2016-01-20
[86] 2015-06-01 (PCT/CA2015/050505)
[87] (WO2016/008036)
[30] US (62/025,428) 2014-07-16

[11] **2,919,910**
[13] A1

[51] **Int.Cl. G01S 7/35 (2006.01) G01F 23/284 (2006.01) G01S 7/40 (2006.01) G01S 13/34 (2006.01) G01S 13/88 (2006.01)**

[25] EN

[54] **DISPERSION CORRECTION FOR FMCW RADAR IN A PIPE OR TUBE**

[54] **CORRECTION DE DISPERSION DE RADAR FMCW DANS UN TUYAU OU UN TUBE**

[72] MALINOVSKIY, ALEXEY, DE
[72] PFLUGER, STEFAN, DE
[72] MAYER, WINFRIED, DE
[73] ENDRESS+HAUSER GMBH+CO. KG, DE
[73] MALINOVSKIY, ALEXEY, ZZ
[73] PFLUGER, STEFAN, ZZ
[73] MAYER, WINFRIED, ZZ
[85] 2016-01-29
[86] 2014-07-08 (PCT/EP2014/064572)
[87] (WO2015/018586)
[30] DE (10 2013 108 490.7) 2013-08-07

[11] **2,920,181**
[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01) E21B 21/08 (2006.01)**

[25] EN

[54] **REMOVAL OF STICK-SLIP VIBRATIONS IN A DRILLING ASSEMBLY**

[54] **ENLEVEMENT DE VIBRATIONS DE GLISSEMENT SACCADÉ DANS UN ENSEMBLE DE FORAGE**

[72] DYKSTRA, JASON D., US
[72] BU, FANPING, US
[72] XUE, YUZHEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] DYKSTRA, JASON D., ZZ
[73] BU, FANPING, ZZ
[73] XUE, YUZHEN, ZZ
[85] 2016-02-02
[86] 2013-09-17 (PCT/US2013/060162)
[87] (WO2015/041630)

[11] **2,920,739**
[13] A1

[51] **Int.Cl. F01P 5/06 (2006.01) F01P 5/02 (2006.01) F02B 63/04 (2006.01) F02N 3/02 (2006.01)**

[25] EN

[54] **ENGINE-DRIVEN GENERATOR GENERATEUR ENTRAINE PAR UN MOTEUR**

[72] TAKAHASHI, YUKI, JP
[72] SHIMOZONO, KAZUKI, JP
[72] YANAI, KIYOMI, JP
[72] KASE, TAKUO, JP
[73] TAKAHASHI, YUKI, ZZ
[73] SHIMOZONO, KAZUKI, ZZ
[73] YANAI, KIYOMI, ZZ
[73] KASE, TAKUO, ZZ
[73] HONDA MOTOR CO., LTD., JP
[86] (2920739)
[87] (2920739)
[22] 2016-02-12
[30] JP (2015-065004) 2015-03-26

[11] **2,921,716**
[13] A1

[51] **Int.Cl. B60K 6/26 (2007.10) B60K 1/00 (2006.01)**

[25] EN

[54] **ELECTRIC MOTOR STORING DEVICE FOR HYBRID VEHICLE**

[54] **DISPOSITIF DE RANGEMENT DE MOTEUR ELECTRIQUE POUR VEHICULE HYBRIDE**

[72] TAKENO, MOTOKI, JP
[72] KODAMA, TAKUYA, JP
[72] KAWAMOTO, KOKI, JP
[72] KIYOKAMI, HIROAKI, JP
[72] ISARAI, RYOJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TAKENO, MOTOKI, ZZ
[73] KODAMA, TAKUYA, ZZ
[73] KAWAMOTO, KOKI, ZZ
[73] KIYOKAMI, HIROAKI, ZZ
[73] ISARAI, RYOJI, ZZ
[86] (2921716)
[87] (2921716)
[22] 2016-02-23
[30] JP (2015-035918) 2015-02-25

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,922,274**
[13] A1

[51] **Int.Cl. E21B 17/03 (2006.01) E21B 19/18 (2006.01)**
[25] EN
[54] **QUICK CONNECT FOR WELLBORE TUBULARS**
[54] **RACCORD RAPIDE POUR TUBULAIRES DE Puits DE FORAGE**
[72] DIETZ, WESLEY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] DIETZ, WESLEY PAUL, ZZ
[85] 2016-02-23
[86] 2013-10-07 (PCT/US2013/063711)
[87] (WO2015/053742)

[11] **2,923,259**
[13] A1

[51] **Int.Cl. G21B 1/11 (2006.01) G21B 1/03 (2006.01) H01J 35/14 (2006.01) H01J 35/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INERTIAL CONFINEMENT FUSION REACTIONS**
[54] **METHODE ET MECANISME DE REACTIONS DE FUSION PAR CONFINEMENT INERTIEL**
[72] BIRNBACH, CURTIS A., US
[73] ADVANCED FUSION SYSTEMS LLC, US
[73] BIRNBACH, CURTIS A., ZZ
[86] (2923259)
[87] (2923259)
[22] 2007-05-30
[62] 2,653,707
[30] US (60/809,453) 2006-05-30
[30] US (11/754,928) 2007-05-29

[11] **2,926,828**
[13] A1

[51] **Int.Cl. C09K 8/528 (2006.01)**
[25] EN
[54] **SYNERGISTIC CHEMISTRY TO PREVENT SILICATE SCALING**
[54] **CHIMIE SYNERGIQUE DESTINEE A EVITER LA FORMATION DE TARTRE DE SILICATE**
[72] BROOKS, JOHNATHON L., US
[72] JACKSON, TRACEY, US
[73] BAKER HUGHES INCORPORATED, US
[73] BROOKS, JOHNATHON L., ZZ
[73] JACKSON, TRACEY, ZZ
[85] 2016-04-07
[86] 2014-11-06 (PCT/US2014/064219)
[87] (WO2015/069825)
[30] US (61/902,438) 2013-11-11
[30] US (14/533,284) 2014-11-05

[11] **2,926,837**
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01) C09D 11/326 (2014.01) C09D 17/00 (2006.01)**
[25] EN
[54] **A METAL OXIDE DISPERSION AND USES THEREOF**
[54] **DISPERSION D'OXYDE METALLIQUE ET SES UTILISATIONS**
[72] BREITKOPF, RICHARD CHARLES, US
[72] PANICKER, RAHUL, US
[73] NOVARTIS AG, CH
[73] BREITKOPF, RICHARD CHARLES, ZZ
[73] PANICKER, RAHUL, ZZ
[85] 2016-04-07
[86] 2014-11-12 (PCT/US2014/065196)
[87] (WO2015/080862)
[30] US (61/908,773) 2013-11-26

[11] **2,927,343**
[13] A1

[51] **Int.Cl. G01N 1/22 (2006.01) H02S 40/38 (2014.01) G01N 1/02 (2006.01) G01N 30/06 (2006.01)**
[25] EN
[54] **SOLAR POWERED SAMPLE ANALYZING SYSTEM USING A FIELD DEPLOYED ANALYTICAL INSTRUMENTATION AND VACUUM JACKETED SMALL DIAMETER TUBING**
[54] **SYSTEME D'ANALYSE D'ECHANTILLON ALIMENTE PAR LE SOLEIL UTILISANT UNE INSTRUMENTATION ANALYTIQUE DEPLOYE EN CHAMP ET UN TUBAGE DE PETIT DIAMETRE CHEMISE SOUS VIDE**
[72] THOMPSON, KENNETH O., US
[72] ROLSTON, CLAUDE A., US
[72] QUERREY, TIMOTHY, US
[72] COOK, CHARLES F., US
[73] MUSTANG SAMPLING, LLC, US
[73] THOMPSON, KENNETH O., ZZ
[73] ROLSTON, CLAUDE A., ZZ
[73] QUERREY, TIMOTHY, ZZ
[73] COOK, CHARLES F., ZZ
[85] 2016-04-13
[86] 2014-10-16 (PCT/US2014/060829)
[87] (WO2015/057924)
[30] US (61/892,029) 2013-10-17
[30] US (14/515,603) 2014-10-16

[11] **2,928,337**
[13] A1

[51] **Int.Cl. G01D 5/48 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **ULTRASONIC MATCHING LAYER AND TRANSDUCER**
[54] **COUCHE D'ADAPTATION ULTRASONORE ET TRANSDUCTEUR ASSOCIE**
[72] CHAGGARES, N. CHRIS, CA
[72] MEHI, JAMES, CA
[72] HIRSON, DESMOND, CA
[73] FUJIFILM SONOSITE, INC., US
[73] CHAGGARES, N. CHRIS, CA
[73] MEHI, JAMES, CA
[73] HIRSON, DESMOND, CA
[86] (2928337)
[87] (2928337)
[22] 2007-03-01
[62] 2,644,224
[30] US (11/366,953) 2006-03-02

Canadian Patents Issued
October 24, 2017

[11] **2,928,649**
[13] A1
[51] **Int.Cl. A63B 5/11 (2006.01)**
[25] EN
[54] **TENSIONING ELEMENT FOR TENSIONING A JUMPING MAT ON A FRAME OF A TRAMPOLINE**
[54] **ELEMENT TENDEUR PERMETTANT DE TENDRE UNE TOILE DE REBOND SUR LE CADRE D'UN TRAMPOLINE**
[72] HEYMANS, JOACHIM, DE
[73] HEYMANS, JOACHIM, DE
[85] 2016-04-25
[86] 2014-10-28 (PCT/EP2014/073077)
[87] (WO2015/063061)
[30] EP (13190782.6) 2013-10-30

[11] **2,928,844**
[13] A1
[51] **Int.Cl. G01M 17/00 (2006.01) B64D 43/00 (2006.01) B64D 47/00 (2006.01) F01D 25/00 (2006.01)**
[25] FR
[54] **ENGINE FAILURE MANAGEMENT PROCESS AND DEVICE FOR AN AIRCRAFT TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE PANNES AVEC UN SYSTEME DE GESTION D'UN TURBOMOTEUR D'UN AERONEF**
[72] LEYDER, SYLVIE, FR
[73] AIRBUS HELICOPTERS, FR
[73] LEYDER, SYLVIE, ZZ
[86] (2928844)
[87] (2928844)
[22] 2016-05-03
[30] FR (1501168) 2015-06-05

[11] **2,930,196**
[13] A1
[51] **Int.Cl. F16D 57/02 (2006.01) B60T 1/087 (2006.01)**
[25] EN
[54] **HYDRAULIC DAMPER**
[54] **AMORTISSEUR HYDRAULIQUE**
[72] LI, TIANWEI, CN
[72] LI, HANGYUE, CN
[73] LI, TIANWEI, CN
[73] LI, HANGYUE, CN
[85] 2016-05-10
[86] 2014-09-16 (PCT/CN2014/086649)
[87] (WO2015/158104)
[30] CN (201410153074.9) 2014-04-16

[11] **2,932,428**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/416 (2006.01) A61K 31/4245 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) C07D 401/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **INDAZOLE COMPOUNDS AS 5-HT4 RECEPTOR AGONISTS**
[54] **COMPOSES D'INDAZOLE EN TANT QU'AGONISTES DE RECEPTEUR DE 5-HT4**
[72] NIROGI, RAMAKRISHNA, IN
[72] MOHAMMED, ABDUL RASHEED, IN

[72] SHINDE, ANIL KARBHARI, IN
[72] GAGGINAPALLY, SHANKAR REDDY, IN
[72] JASTI, VENKATESWARLU, IN
[73] SUVEN LIFE SCIENCES LIMITED, IN
[73] NIROGI, RAMAKRISHNA, ZZ
[73] MOHAMMED, ABDUL RASHEED, ZZ
[73] SHINDE, ANIL KARBHARI, ZZ
[73] GAGGINAPALLY, SHANKAR REDDY, ZZ
[73] JASTI, VENKATESWARLU, ZZ
[85] 2016-06-01
[86] 2014-02-24 (PCT/IN2014/000116)
[87] (WO2015/092804)
[30] IN (5852/CHE/2013) 2013-12-16

[11] **2,936,623**
[13] A1
[51] **Int.Cl. F16D 48/06 (2006.01) F16D 48/02 (2006.01)**
[25] EN
[54] **CLUTCH HYDRAULIC PRESSURE CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE DE PRESSION HYDRAULIQUE D'EMBRAYAGE**
[72] MITSUBORI, TOSHIMASA, JP
[72] ARAI, DAI, JP
[72] FUMIMOTO, YASUSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] MITSUBORI, TOSHIMASA, ZZ
[73] ARAI, DAI, ZZ
[73] FUMIMOTO, YASUSHI, ZZ
[86] (2936623)
[87] (2936623)
[22] 2016-07-18
[30] JP (2015-152104) 2015-07-31

[11] **2,938,480**
[13] A1
[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
[73] SULLIVAN, BENJAMIN, ZZ
[86] (2938480)
[87] (2938480)
[22] 2008-04-16
[62] 2,684,488
[30] US (60/912,129) 2007-04-16

[11] **2,938,534**
[13] A1
[51] **Int.Cl. B63H 23/24 (2006.01) B63G 8/08 (2006.01) B63H 21/17 (2006.01) H02K 5/00 (2006.01) H02K 7/14 (2006.01) H02K 51/00 (2006.01)**
[25] EN
[54] **A MAGNETICALLY GEARED ELECTRIC DRIVE**
[54] **ENTRAINEMENT ELECTRIQUE A ENGRENAGE MAGNETIQUE**
[72] CLAUS, BRIAN, CA
[72] BACHMAYER, RALF, CA
[72] MACNEIL, LEVI, CA
[73] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
[73] CLAUS, BRIAN, CA
[73] BACHMAYER, RALF, CA
[73] MACNEIL, LEVI, CA
[85] 2016-08-02
[86] 2015-02-06 (PCT/CA2015/000070)
[87] (WO2015/117231)
[30] US (61/936,656) 2014-02-06

**Brevets canadiens délivrés
24 octobre 2017**

[11] **2,939,402**
[13] A1

[51] **Int.Cl. H04L 12/733 (2013.01) H04L 12/751 (2013.01) H04L 12/863 (2013.01) H04L 12/951 (2013.01)**

[25] EN

[54] **METHOD TO ROUTE PACKETS IN A DISTRIBUTED DIRECT INTERCONNECT NETWORK**

[54] **PROCEDE D'ACHEMINEMENT DE PAQUETS DANS UN RESEAU DIRECT D'INTERCONNEXION DISTRIBUE**

[72] OPREA, DAN, CA
[72] CATANA, ANDREI, CA
[72] NEUSTADTER, UDO, CA
[73] ROCKPORT NETWORKS INC., CA
[73] OPREA, DAN, CA
[73] CATANA, ANDREI, CA
[73] NEUSTADTER, UDO, CA
[85] 2016-08-11
[86] 2015-02-13 (PCT/CA2015/000081)
[87] (WO2015/120539)
[30] US (61/939,487) 2014-02-13

[11] **2,940,056**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 47/07 (2012.01) E21B 36/04 (2006.01)**

[25] EN

[54] **PROCESSES FOR PRODUCING HYDROCARBONS FROM A RESERVOIR**

[54] **PROCEDES DE PRODUCTION D'HYDROCARBURES A PARTIR D'UN RESERVOIR**

[72] HARDING, THOMAS, CA
[72] KERR, RICHARD KELSO, CA
[72] HOWE, ANN CHEN, CA
[73] NEXEN ENERGY ULC, CA
[73] HARDING, THOMAS, CA
[73] KERR, RICHARD KELSO, CA
[73] HOWE, ANN CHEN, CA
[85] 2016-08-18
[86] 2015-05-07 (PCT/CA2015/000299)
[87] (WO2016/070262)
[30] CA (PCT/CA2014/000795) 2014-11-06

[11] **2,940,181**
[13] A1

[51] **Int.Cl. G01R 31/36 (2006.01) G01R 27/02 (2006.01)**

[25] EN

[54] **IMPEDANCE MEASURING DEVICE AND CONTROL METHOD FOR IMPEDANCE MEASURING DEVICE**

[54] **DISPOSITIF DE MESURE D'IMPEDANCE ET PROCEDE DE COMMANDE DE DISPOSITIF DE MESURE D'IMPEDANCE**

[72] AOKI, TETSUYA, JP
[72] SAKAI, MASANOBU, JP
[72] MATSUMOTO, MICHIIHIKO, JP
[72] NISHIMURA, HIDETAKA, JP
[72] SATO, MASASHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] AOKI, TETSUYA, ZZ
[73] SAKAI, MASANOBU, ZZ
[73] MATSUMOTO, MICHIIHIKO, ZZ
[73] NISHIMURA, HIDETAKA, ZZ
[73] SATO, MASASHI, ZZ
[85] 2016-08-18
[86] 2015-01-07 (PCT/JP2015/050273)
[87] (WO2015/125506)
[30] JP (PCT/JP2014/053912) 2014-02-19

[11] **2,948,865**
[13] A1

[51] **Int.Cl. B60D 1/06 (2006.01) B60D 1/28 (2006.01)**

[25] EN

[54] **BALL HITCH WITH LOCKING SWIVEL AND RAMP**

[54] **ROTULE D'ATTELAGE COMPORTANT UN DISPOSITIF A PIVOT A VERROU ET UNE RAMPE**

[72] OLSON, BRIAN R., CA
[73] POWER PIN INC., CA
[73] OLSON, BRIAN R., CA
[86] (2948865)
[87] (2948865)
[22] 2014-01-08
[62] 2,838,624

[11] **2,949,425**
[13] A1

[51] **Int.Cl. G01N 21/71 (2006.01) G01N 15/02 (2006.01) G01N 33/28 (2006.01)**

[25] EN

[54] **LASER-INDUCED BREAKDOWN SPECTROSCOPY OF OIL SANDS**

[54] **SPECTROSCOPIE DE SABLES BITUMINEUX PAR FRACTIONNEMENT INDUIT PAR LASER**

[72] PAPROSKI, RICHARD, CA
[72] HARHIRA, AISSA, CA
[72] DUFORD, DAVID, CA
[72] EL HADDAD, JOSETTE, CA
[72] DAUGELA, DARCY, CA
[72] BLOUIN, ALAIN, CA
[72] SABSABI, MOHAMAD, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[73] PAPROSKI, RICHARD, CA
[73] HARHIRA, AISSA, CA
[73] DUFORD, DAVID, CA
[73] EL HADDAD, JOSETTE, CA
[73] DAUGELA, DARCY, CA
[73] BLOUIN, ALAIN, CA
[73] SABSABI, MOHAMAD, CA
[86] (2949425)
[87] (2949425)
[22] 2016-11-23
[30] US (62/327,293) 2016-04-25

[11] **2,949,733**
[13] A1

[51] **Int.Cl. G01M 15/14 (2006.01) B64D 33/00 (2006.01) G06F 1/20 (2006.01)**

[25] FR

[54] **METHOD FOR STARTING A FAN OPERATION TEST**

[54] **PROCEDE DE DEMARRAGE DE TEST DE FONCTIONNEMENT DE VENTILATEUR**

[72] SCHINI, YANNICK, FR
[72] RODHAIN, ARNAUD, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[73] SCHINI, YANNICK, ZZ
[73] RODHAIN, ARNAUD, ZZ
[85] 2016-11-21
[86] 2015-05-19 (PCT/FR2015/051308)
[87] (WO2015/177454)
[30] FR (1454703) 2014-05-23

**Canadian Patents Issued
October 24, 2017**

[11] **2,950,568**
[13] A1

[51] **Int.Cl. B60K 17/10 (2006.01) F16H 48/27 (2012.01) B60K 17/16 (2006.01) B60K 17/356 (2006.01) B62D 11/18 (2006.01)**

[25] EN
[54] **POWER PLANT**
[54] **CENTRALE ELECTRIQUE**
[72] NAKAYAMA, SHIGERU, JP
[73] HONDA MOTOR CO., LTD., JP
[73] NAKAYAMA, SHIGERU, ZZ
[85] 2016-11-28
[86] 2015-06-10 (PCT/JP2015/066744)
[87] (WO2015/190523)
[30] JP (2014-119984) 2014-06-10
[30] JP (2014-119985) 2014-06-10
[30] JP (2014-119986) 2014-06-10

[11] **2,951,987**
[13] A1

[51] **Int.Cl. A61K 31/195 (2006.01) A61K 31/455 (2006.01) A61P 25/00 (2006.01)**

[25] EN
[54] **PHARMACEUTICAL COMPOSITION THAT COMBINES AN ANTICONVULSANT AND A NICOTINIC ACID DERIVATIVE**
[54] **COMPOSITION PHARMACEUTIQUE COMBINANT UN ANTICONVULSIVANT ET UN DERIVE DE L'ACIDE NICOTINIQUE**
[72] AGUILERA SUAREZ, GRACIELA DE LOS ANGELES, MX
[72] GOMEZ SANCHEZ, CARMEN MIGUEL, MX
[72] JUAREZ LORA, MARTHA ROSAURA, MX
[73] FARMACEUTICOS RAYERE, S.A., MX
[73] AGUILERA SUAREZ, GRACIELA DE LOS ANGELES, ZZ
[73] GOMEZ SANCHEZ, CARMEN MIGUEL, ZZ
[73] JUAREZ LORA, MARTHA ROSAURA, ZZ
[85] 2016-12-12
[86] 2014-06-16 (PCT/MX2014/000091)
[87] (WO2015/194926)

[11] **2,956,890**
[13] A1

[51] **Int.Cl. G02B 27/18 (2006.01) G06Q 30/02 (2012.01) G06F 3/0488 (2013.01) A47F 3/00 (2006.01) G02B 27/10 (2006.01) G06F 3/048 (2013.01) G06Q 20/00 (2012.01)**

[25] EN
[54] **HYBRID-IMAGE DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGES HYBRIDES**
[72] FOSTER, NEIL ANDREW, CA
[72] MARDON, GREGORY SCOTT, CA
[73] FOSTER, NEIL ANDREW, CA
[73] MARDON, GREGORY SCOTT, CA
[85] 2017-01-31
[86] 2016-05-13 (PCT/IB2016/052802)
[87] (WO2016/189413)
[30] US (62/167,113) 2015-05-27

[11] **2,964,947**
[13] A1

[51] **Int.Cl. F01B 17/02 (2006.01) F01B 11/00 (2006.01) F01B 17/00 (2006.01) F04B 43/073 (2006.01) F04B 45/053 (2006.01)**

[25] EN
[54] **AIR MOTOR**
[54] **MOTEUR A AIR**
[72] GLAUBER, CARL J., US
[73] WILDEN PUMP AND ENGINEERING LLC, US
[73] GLAUBER, CARL J., ZZ
[85] 2017-04-18
[86] 2015-10-26 (PCT/US2015/057345)
[87] (WO2016/065354)
[30] US (62/068,433) 2014-10-24

[11] **2,968,687**
[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/103 (2006.01) A61B 3/107 (2006.01)**

[25] EN
[54] **ASSESSMENT OF TOPOGRAPHIC SEMI-MERIDIAN PARAMETERS FOR CORNEAL ASTIGMATISM ANALYSIS AND VECTOR PLANNING TREATMENT**
[54] **EVALUATION DE PARAMETRES SEMI-MERIDIENS TOPOGRAPHIQUES POUR L'ANALYSE D'ASTIGMATISME DE LA CORNEE ET TRAITEMENT DE PLANIFICATION DE VECTEUR**
[72] ALPINS, NOEL AMI, AU
[73] ALPINS, NOEL AMI, AU
[86] (2968687)
[87] (2968687)
[22] 2012-05-18
[62] 2,865,322
[30] US (61/602,792) 2012-02-24

[11] **2,971,330**
[13] A1

[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/10 (2006.01) A61B 5/16 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR FIXATION, ALIGNMENT, AND/OR SACCADIC MEASUREMENTS TO IDENTIFY AND/OR TRACK BRAIN FUNCTION**
[54] **METHODE ET APPAREIL DESTINES AUX MESURES DE FIXATION, ALIGNEMENT OU SACCADE PERMETTANT DE DETERMINER OU SUIVRE LA FONCTION CEREBRALE**
[72] GOLDSTEIN, LEE, US
[72] SHAKA, JUSTIN, US
[72] WINSOR, ROBERT, US
[72] YING, HOWARD, US
[73] REBISCAN, INC., US
[73] GOLDSTEIN, LEE, ZZ
[73] SHAKA, JUSTIN, ZZ
[73] WINSOR, ROBERT, ZZ
[73] YING, HOWARD, ZZ
[85] 2017-06-20
[86] 2017-01-12 (PCT/US2017/013116)
[87] (2971330)
[30] US (62/278,196) 2016-01-13

Brevets canadiens délivrés
24 octobre 2017

[11] **2,975,318**

[13] A1

[51] **Int.Cl. B63B 3/06 (2006.01) B63B 3/18
(2006.01) B63B 35/00 (2006.01) E01D
15/14 (2006.01) E02B 3/06 (2006.01)**

[25] EN

[54] **FLOATING PLATFORM MODULE**

[54] **MODULE DE PLATE-FORME
FLOTTANT**

[72] SIMOLA, CHARLES, US

[73] SIMOLA, CHARLES, US

[85] 2017-07-27

[86] 2016-01-28 (PCT/US2016/015356)

[87] (WO2016/123337)

[30] US (62/108,706) 2015-01-28

Canadian Applications Open to Public Inspection

October 8, 2017 to October 14, 2017

Demandes canadiennes mises à la disponibilité du public

8 octobre 2017 au 14 octobre 2017

[21] **2,926,280**
[13] A1
[51] **Int.Cl. F16N 7/34 (2006.01)**
[25] EN
[54] **MULTI-PORT LIQUID LUBRICANT PULVERISER FOR AIR SYSTEM FOR TRUCK**
[54] **PULVERISATEUR DE LUBRIFIANT LIQUIDE MULTIORIFICE DESTINE A UN DISPOSITIF D'AIR DE CAMION**
[72] FRATARCANGELI, FRANCESCO, CA
[71] FRATARCANGELI, FRANCESCO, CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,420**
[13] A1
[51] **Int.Cl. G09G 3/22 (2006.01) H04W 80/00 (2009.01) G09F 9/30 (2006.01) G09F 19/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR REMOTELY CONTROLLING A DIGITAL MESSAGE BOARD**
[54] **SYSTEME DE CONTROLE A DISTANCE D'UN PANNEAU D'AFFICHAGE NUMERIQUE**
[72] MCGIE, PETER, CA
[71] STRUTT, JOHN, CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,457**
[13] A1
[51] **Int.Cl. A62D 1/02 (2006.01) A62C 27/00 (2006.01)**
[25] EN
[54] **FIRE SUPPRESSANT SYSTEMS**
[54] **SYSTEMES D'EXTINCTION D'INCENDIE**
[72] HECK, KENNETH W., CA
[71] HECK, KENNETH W., CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,482**
[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SIDE TENSIONING SYSTEM FOR RETAINING SCREEN MEDIA IN A VIBRATING-TYPE SCREENING MACHINE**
[54] **SYSTEME DE TENDEUR LATERAL SERVANT A RETENIR UN SUPPORT DE TAMIS DANS UNE MACHINE A TAMIS DE VIBRATOIRE**
[72] TAKEV, DIETER, CA
[72] BREMER, MATTHIAS, CA
[71] W.S. TYLER CANADA LTD., CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,485**
[13] A1
[51] **Int.Cl. B25G 1/08 (2006.01) B25B 15/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BIT REPLACEMENT OF MULTIPLE BIT SCREWDRIVERS**
[54] **METHODE ET APPAREIL DE REMPLACEMENT DE FORET DE TOURNEVIS MULTIFORET**
[72] MURRAY, STEVEN, CA
[71] MURRAY, STEVEN, CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,487**
[13] A1
[51] **Int.Cl. A47B 61/04 (2006.01) A47B 81/00 (2006.01)**
[25] EN
[54] **CHANGEABLE SHOE RACK**
[54] **SUPPORT A CHAUSSURE CHANGEABLE**
[72] CHIANG, CHUN-YI, TW
[72] CHIANG, CHUN-HSIEN, TW
[71] CHIANG, CHUN-YI, TW
[71] CHIANG, CHUN-HSIEN, TW
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,488**
[13] A1
[51] **Int.Cl. E02B 15/02 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOVERING SPILLED OIL IN ICE INFESTED WATERS**
[54] **METHODE ET APPAREIL DE RECUPERATION DE PETROLE DEVERSE DANS LES EAUX INFESTEES DE GLACE**
[72] HAZEL, WILLIAM, US
[71] MARINE POLLUTION CONTROL CORPORATION, US
[22] 2016-04-11
[41] 2017-10-08
[30] US (15/094,506) 2016-04-08

[21] **2,926,490**
[13] A1
[51] **Int.Cl. F16M 11/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE SUPPORT ARM FOR USE BETWEEN CAMERA AND CAMERA SUPPORT**
[54] **BRAS DE SUPPORT AJUSTABLE DESTINE A UNE CAMERA ET SUPPORT DE CAMERA**
[72] WOOD, DENNIS, CA
[71] WOOD, DENNIS, CA
[22] 2016-04-11
[41] 2017-10-11

[21] **2,926,497**
[13] A1
[51] **Int.Cl. A43B 7/32 (2006.01) A43B 21/24 (2006.01)**
[25] EN
[54] **MAGNETIC SHOCK ABSORBING SHOE**
[54] **CHAUSSURE ANTICHOE MAGNETIQUE**
[72] MENKARIOS, EMAD, CA
[72] UNKNOWN, ZZ
[71] MENKARIOS, EMAD, CA
[22] 2016-04-11
[41] 2017-10-11

Demandes canadiennes mises à la disponibilité du public
8 octobre 2017 au 14 octobre 2017

[21] **2,926,498**
[13] A1

[51] **Int.Cl. A47B 61/04 (2006.01) A47F 7/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE SHOE RACK**
[54] **SUPPORT A CHAUSSURE CHANGEABLE**
[72] CHIANG, CHUN-YI, TW
[72] CHIANG, CHUN-HSIEN, TW
[71] CHIANG, CHUN-YI, TW
[71] CHIANG, CHUN-HSIEN, TW
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,520**
[13] A1

[51] **Int.Cl. A41H 5/01 (2006.01) A47F 8/02 (2006.01)**
[25] EN
[54] **MANNEQUIN UPHOLESTRY SHAPING DEVICE**
[54] **DISPOSITIF DE FACONNAGE DE REMBOURAGE DE MANNEQUIN**
[72] GUZMAN, JULIO JAVIER, CA
[72] BASHURA, IANA, CA
[71] SEVEN CONTINENTS CORPORATION, CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,642**
[13] A1

[51] **Int.Cl. F03G 3/00 (2006.01) F03G 7/10 (2006.01)**
[25] FR
[54] **IMPROVED GENERATOR**
[54] **GENERATRICE AMELIOREE**
[72] THERRIEN, JEAN-PAUL, CA
[71] THERRIEN, JEAN-PAUL, CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,658**
[13] A1

[51] **Int.Cl. C02F 1/461 (2006.01) C02F 1/469 (2006.01)**
[25] EN
[54] **WATER SOFTENER**
[54] **ADOUCISSEUR D'EAU**
[72] SALAMA, AMIR, CA
[72] SALAMA, MARIANNE, CA
[71] OZOMAX INC., CA
[22] 2016-04-11
[41] 2017-10-11

[21] **2,926,673**
[13] A1

[51] **Int.Cl. H01M 8/0612 (2016.01)**
[25] EN
[54] **ELECTRIC POWER GENERATION USING ASSOCIATED PETROLEUM GAS**
[54] **PRODUCTION D'ENERGIE ELECTRIQUE AU MOYEN DE PETROLE GAZEUX ASSOCIE**
[72] DEMBICZAK, DOUGLAS, CA
[72] RUSS, DANIEL, CA
[72] MCGOWAN, JAMES CONNOR, CA
[72] HENDRICKSON, DENIS PATRIC, CA
[71] FUTURE POWER LTD., CA
[22] 2016-04-08
[41] 2017-10-08

[21] **2,926,827**
[13] A1

[51] **Int.Cl. A63B 21/22 (2006.01) A63B 21/02 (2006.01) A63B 21/05 (2006.01) A63B 22/00 (2006.01) A63B 23/16 (2006.01)**
[25] EN
[54] **WHEEL SPINNING EXERCISE SYSTEMS**
[54] **APPAREILS D'EXERCICE DE CARDOVELO**
[72] MARSHALL, ROSA E., CA
[71] MARSHALL, ROSA E., CA
[22] 2016-04-13
[41] 2017-10-13

[21] **2,926,839**
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MOBILE DEVICE USER AUTHENTICATION**
[54] **METHODE ET SYSTEME D'AUTHENTIFICATION D'UTILISATEUR DE DISPOSITIF MOBILE**
[72] YARNTON, DEVIN, CA
[71] YARNTON, DEVIN, CA
[22] 2016-04-11
[41] 2017-10-11

[21] **2,926,843**
[13] A1

[51] **Int.Cl. E06B 7/16 (2006.01) E04F 13/073 (2006.01) E06B 1/00 (2006.01)**
[25] EN
[54] **ANGLE WRAP**
[54] **SANGLE A ANGLE**
[72] DIVITO, BRUNO, CA
[72] SCARATI, EMANUELE, CA
[71] DIVITO, BRUNO, CA
[71] SCARATI, EMANUELE, CA
[22] 2016-04-11
[41] 2017-10-11

[21] **2,926,851**
[13] A1

[51] **Int.Cl. H04B 17/309 (2015.01)**
[25] EN
[54] **ENHANCED DYNAMIC RANGE RF PULSE MEASUREMENT SYSTEM**
[54] **APPAREIL DE MESURE D'IMPULSION RF A PORTEE DYNAMIQUE AMELIOREE**
[72] ERISMAN, DAVID E., US
[72] CALDERWOOD, TROY D., US
[72] MOSIER, MARTY R., US
[71] X-COM SYSTEMS, LLC, US
[22] 2016-04-12
[41] 2017-10-12

[21] **2,926,857**
[13] A1

[51] **Int.Cl. F03D 3/06 (2006.01)**
[25] EN
[54] **VERTICAL AXIS WIND TURBINE SYSTEM USING PURE 'SAVONIUS' DRAG**
[54] **MECANISME D'EOLIENNE A AXE VERTICAL EMPLOYANT LA TRAINEE « SAVONIUS » PURE**
[72] BUCHANAN, DAVID B., CA
[71] BUCHANAN, DAVID B., CA
[22] 2016-04-13
[41] 2017-10-13

Canadian Applications Open to Public Inspection
October 8, 2017 to October 14, 2017

[21] **2,926,907**
[13] A1

[51] **Int.Cl. G08G 1/0965 (2006.01)**
[25] FR
[54] **DETECTION AND PROXIMITY SYSTEM FOR A SERVICE VEHICLE**
[54] **SYSTEME DE DETECTION ET PROXIMITE DE VEHICULE DE SERVICE**
[72] BELANGER, JULIEN J. B., CA
[71] BELANGER, JULIEN J. B., CA
[22] 2016-04-14
[41] 2017-10-14

[21] **2,926,921**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **HUMAN INTERFACE SYSTEM FOR VIRTUAL REALITY**
[54] **SYSTEME D'INTERFACE HUMAINE DESTINE A LA REALITE VIRTUELLE**
[72] DEVINE, OWEN T., CA
[72] JERABEK, ANDREW, CA
[72] ROSEN, DALE, CA
[72] CRADDOCK, MICHAEL, CA
[71] DEVINE, OWEN T., CA
[71] JERABEK, ANDREW, CA
[71] ROSEN, DALE, CA
[71] CRADDOCK, MICHAEL, CA
[22] 2016-04-14
[41] 2017-10-14

[21] **2,926,928**
[13] A1

[51] **Int.Cl. C07D 207/444 (2006.01) A61K 31/4015 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07D 207/456 (2006.01)**
[25] EN
[54] **AMINOBENZOIC ACID DERIVATIVES FOR USE AS ANTI-INFLAMMATORY AGENTS, ANTI-METASTATIC AGENTS AND/OR ANTICANCER AGENTS**
[54] **DERIVES D'ACIDES AMINOBENZOIQUES DESTINES A UNE UTILISATION COMME AGENTS ANTI-INFLAMMATOIRES, AGENTS ANTIMETASTATIQUES OU AGENTS ANTICANCER**
[72] BERUBE, GERVAIS, CA
[72] REYES-MORENO, CARLOS, CA
[71] 3R VALO, S.E.C., CA
[22] 2016-04-11
[41] 2017-10-11

[21] **2,926,943**
[13] A1

[51] **Int.Cl. A61K 38/05 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS AND USES RELATED TO RHABDOID TUMORS**
[54] **METHODES ET UTILISATIONS RELATIVES AUX TUMEURS RHABDOIDES**
[72] HUANG, ANNIE, CA
[72] TORCHIA, JONATHON, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[22] 2016-04-13
[41] 2017-10-13

[21] **2,927,033**
[13] A1

[51] **Int.Cl. A62D 3/30 (2007.01)**
[25] EN
[54] **METHOD FOR STABILIZATION OF ARSENIC**
[54] **METHODE DE STABILISATION D'ARSENIC**
[72] LEMIEUX, DAVID, CA
[72] BARBAROUX, ROMAIN, CA
[72] LALANCETTE, JEAN-MARC, CA
[71] DUNDEE SUSTAINABLE TECHNOLOGIES INC., CA
[22] 2016-04-12
[41] 2017-10-12

[21] **2,927,046**
[13] A1

[51] **Int.Cl. H04N 5/262 (2006.01) G02B 27/01 (2006.01) G06T 1/00 (2006.01) H04N 13/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR 360 DEGREE HEAD-MOUNTED DISPLAY MONITORING BETWEEN SOFTWARE PROGRAM MODULES USING VIDEO OR IMAGE TEXTURE SHARING**
[54] **METHODE ET SYSTEME DE SURVEILLANCE A AFFICHEUR INSTALLE SUR LA TETE ET COUVRANT 360 DEGRES ENTRE DES MODULES DE PROGRAMME LOGICIEL EMPLOYANT UNE VIDEO OU LE PARTAGE DE TEXTURE D'IMAGE**
[72] DASHWOOD, TIMOTHY, CA
[71] 11 MOTION PICTURES LIMITED, CA
[22] 2016-04-12
[41] 2017-10-12

[21] **2,927,158**
[13] A1

[51] **Int.Cl. F28D 7/10 (2006.01)**
[25] EN
[54] **HORIZONTAL DRAINPIPE HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE DE TUYAU D'EVACUATION HORIZONTAL**
[72] MACKELVIE, WINSTON, CA
[71] MACKELVIE, WINSTON, CA
[22] 2016-04-13
[41] 2017-10-13

**Demandes canadiennes mises à la disponibilité du public
8 octobre 2017 au 14 octobre 2017**

[21] **2,927,167**
[13] A1

[51] **Int.Cl. E04F 21/18 (2006.01)**
[25] EN
[54] **CEILING PANEL INSTALLATION TOOL**
[54] **OUTIL D'INSTALLATION DE PANNEAU DE PLAFOND**
[72] GERKES, MARTIN DANIEL, CA
[71] CERTAINTEED CANADA, INC., CA
[22] 2016-04-14
[41] 2017-10-14

[21] **2,927,168**
[13] A1

[51] **Int.Cl. E04B 9/32 (2006.01) E04F 13/00 (2006.01) F21S 11/00 (2006.01)**
[25] EN
[54] **TRANSLUCENT CEILING OR WALL PANEL**
[54] **PLAFOND OU PANNEAU MURAL TRANSLUCIDE**
[72] GERKES, MARTIN DANIEL, CA
[72] RAHNAMAYE CHITSAZ, ALI, CA
[71] CERTAINTEED CANADA, INC., CA
[22] 2016-04-14
[41] 2017-10-14

[21] **2,927,186**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/04 (2006.01) A01H 1/06 (2006.01) A01H 5/00 (2006.01) A01N 25/32 (2006.01) A01N 43/56 (2006.01) A01N 47/38 (2006.01) A01P 13/00 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **IMIDAZOLINONE HERBICIDE RESISTANT BORAGE**
[54] **BORAGE RESISTANT A L'HERBICIDE IMIDAZOLINONE**
[72] SONG, DONGYAN, CA
[72] WU, GUOHAI, CA
[72] VRINTEN, PATRICIA, CA
[72] QIU, XIAO, CA
[71] BIORIGINAL FOOD & SCIENCE CORP., CA
[22] 2016-04-15
[41] 2017-10-13
[30] US (15/098,191) 2016-04-13

[21] **2,927,200**
[13] A1

[51] **Int.Cl. C01G 49/12 (2006.01) A62D 3/30 (2007.01) C01G 49/00 (2006.01) C02F 1/00 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **SULFIDATED NANOSCALE ZEROVALENT IRON AND METHOD OF USE THEREOF**
[54] **FER ZEROVALENT SULFURE A NANOECHELLE ET METHODE D'UTILISATION ASSOCIEE**
[72] GHOSHAL, SUBHASIS, CA
[72] CHANDRASEKAR RAJAJAYAVEL, SAI RAJASEKAR, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[22] 2016-04-13
[41] 2017-10-13

[21] **2,927,217**
[13] A1

[51] **Int.Cl. H04B 7/185 (2006.01) H01Q 3/00 (2006.01) H01Q 21/00 (2006.01)**
[25] EN
[54] **DUAL LEO SATELLITE SYSTEM AND METHOD FOR GLOBAL COVERAGE**
[54] **SYSTEME SATELLITE LEO DOUBLE ET METHODE DE COUVERTURE MONDIALE**
[72] WENDLING, DAVID, CA
[71] TELESAT CANADA, CA
[22] 2016-04-14
[41] 2017-10-14

[21] **2,927,231**
[13] A1

[51] **Int.Cl. B60S 1/36 (2006.01)**
[25] EN
[54] **SUPER WIPER**
[54] **SUPER ESSUIE-GLACE**
[72] JAHANSHAH, ALIREZA, CA
[71] JAHANSHAH, ALIREZA, CA
[22] 2016-04-14
[41] 2017-10-14

[21] **2,927,490**
[13] A1

[51] **Int.Cl. B65D 30/22 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **CANNABIS SMOKE FILLED SNACK FOOD PACKAGE**
[54] **EMBALLAGE ALIMENTAIRE DE COLLATION REMPLI DE FUMEE DE CANNABIS**
[72] WILKER, JAN, US
[71] WILKER, JAN, US
[22] 2016-04-21
[41] 2017-10-08
[30] US (62319952) 2016-04-08

[21] **2,928,757**
[13] A1

[51] **Int.Cl. G06F 21/32 (2013.01) G06F 9/44 (2006.01)**
[25] EN
[54] **BIOMETRIC SHORTCUTS**
[54] **RACCOURCIS BIOMETRIQUES**
[72] KULCHYTSKY, VLADYSLAV, US
[71] SUGARCRM INC., US
[22] 2016-05-03
[41] 2017-10-12
[30] US (15/096,471) 2016-04-12

[21] **2,930,957**
[13] A1

[51] **Int.Cl. G07B 3/00 (2006.01) G07C 15/00 (2006.01)**
[25] EN
[54] **TICKET DISPENSER WITH INSERT**
[54] **DISTRIBUTEUR DE BILLETS DOTE D'UNE INSERTION**
[72] WATSON, BRUCE, US
[71] OWNER REVOLUTION INC., US
[22] 2016-05-25
[41] 2017-10-12
[30] US (15/096,487) 2016-04-12

**Canadian Applications Open to Public Inspection
October 8, 2017 to October 14, 2017**

[21] **2,936,596**
[13] A1

[51] **Int.Cl. E06B 9/32 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **UNDER STRUCTURE OF BLIND APPARATUS AND BLIND APPARATUS HAVING THE SAME**
[54] **SOUS-STRUCTURE D'APPAREIL DE STORE ET APPAREIL DE STORE COMPORTANT LADITE SOUS-STRUCTURE**
[72] JANG, SEONG RYONG, KR
[71] WINTEC KOREA INC., KR
[22] 2016-07-20
[41] 2017-10-12
[30] KR (10-2016-0045159) 2016-04-12

[21] **2,942,596**
[13] A1

[51] **Int.Cl. F24C 3/10 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING BURNER IGNITER FOR GAS COOKTOPS**
[54] **ALLUMEUR DE BRULEUR A AJUSTEMENT AUTOMATIQUE DESTINE AUX GAZINIERS**
[72] CHADWICK, TEMPLE, US
[72] KNIGHT, BENJAMIN, US
[72] KORNEGAY, BRANDON, US
[72] SHERBERT, KEVIN W., US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2016-09-21
[41] 2017-10-11
[30] US (15/095,201) 2016-04-11

[21] **2,942,708**
[13] A1

[51] **Int.Cl. G09F 9/30 (2006.01) H04W 4/00 (2009.01) H04W 80/00 (2009.01) G06F 19/00 (2011.01) G09F 19/00 (2006.01) G09G 3/20 (2006.01)**
[25] EN
[54] **SYSTEM FOR REMOTELY CONTROLLING A SIGN**
[54] **SYSTEME DE CONTROLE A DISTANCE D'UN PANNEAU**
[72] MCGIE, PETER, CA
[71] STRUTT, JOHN, CA
[22] 2016-09-22
[41] 2017-10-08
[30] CA (2926420) 2016-04-08

[21] **2,945,216**
[13] A1

[51] **Int.Cl. G09F 3/02 (2006.01) F16N 3/12 (2006.01)**
[25] EN
[54] **SPLIT RING INFORMATION TAG**
[54] **ETIQUETTE D'INFORMATION DE BAGUE FENDUE**
[72] HEINZLMEIR, DANNY M., CA
[71] HEINZLMEIR, DANNY M., CA
[22] 2016-10-13
[41] 2017-10-11

[21] **2,947,548**
[13] A1

[51] **Int.Cl. E06B 5/01 (2006.01)**
[25] EN
[54] **ATTIC INSULATION COVER**
[54] **REVETEMENT D'ISOLANT DE GRENIER**
[72] ARTHUR, MICHAEL L., US
[71] SOUTHEAST ENERGY SOLUTIONS, INC., US
[22] 2016-11-04
[41] 2017-10-08
[30] US (62/319,886) 2016-04-08

[21] **2,949,409**
[13] A1

[51] **Int.Cl. F16M 13/02 (2006.01) F24J 2/52 (2006.01)**
[25] EN
[54] **MOUNTING APPARATUS**
[54] **APPAREIL D'INSTALLATION**
[72] STEPHENSON, ERIC, CA
[72] WILSON, DEREK, CA
[71] STEPHENSON, ERIC, CA
[71] WILSON, DEREK, CA
[22] 2016-11-22
[41] 2017-10-14
[30] US (62/322,417) 2016-04-14

[21] **2,952,685**
[13] A1

[51] **Int.Cl. B64D 11/04 (2006.01) F25D 23/12 (2006.01)**
[25] EN
[54] **CONVERTIBLE CHILLED STOWAGE COMPARTMENT IN AN AIRCRAFT**
[54] **COMPARTIMENT DE RANGEMENT REFROIDI CONVERTIBLE DANS UN AERONEF**
[72] MORAN, THOMAS JOSEPH, US
[72] LUTZ, ANDREW DAVID, US
[71] THE BOEING COMPANY, US
[22] 2016-12-20
[41] 2017-10-13
[30] US (15/097,411) 2016-04-13

[21] **2,952,690**
[13] A1

[51] **Int.Cl. B64D 11/04 (2006.01) A47B 31/02 (2006.01) F24F 13/22 (2006.01) F25D 21/14 (2006.01)**
[25] EN
[54] **CONDENSATE REMOVAL SYSTEM OF AN AIRCRAFT COOLING SYSTEM**
[54] **SYSTEME D'ELIMINATION DE CONDENSAT D'UN SYSTEME DE REFROIDISSEMENT D'AERONEF**
[72] MORAN, THOMAS JOSEPH, US
[72] LUTZ, DAVID ANDREW, US
[71] THE BOEING COMPANY, US
[22] 2016-12-20
[41] 2017-10-13
[30] US (15/097,391) 2016-04-13

[21] **2,954,568**
[13] A1

[51] **Int.Cl. A61B 50/30 (2016.01) A61M 25/00 (2006.01)**
[25] EN
[54] **COMPACT PACKAGED INTERMITTENT URINARY CATHETER**
[54] **CATHETER URINAIRE INTERMITTENT A EMBALLAGE COMPACT**
[72] PALMER, TIMOTHY A., US
[71] CURE MEDICAL, LLC, US
[22] 2017-01-13
[41] 2017-10-08
[30] US (15/094,749) 2016-04-08

Demandes canadiennes mises à la disponibilité du public
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[21] **2,955,737**
[13] A1

[51] **Int.Cl. H04L 12/813 (2013.01) H04W 24/06 (2009.01) H04W 48/02 (2009.01) H04L 12/24 (2006.01) H04L 29/12 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTEXT AWARE NETWORK FILTERING**

[54] **SYSTEME ET METHODE DE FILTRAGE DE RESEAU INFORME DU CONTEXTE**

[72] BUSH, JOHN E., US

[72] ARNOLD, STEVEN L., US

[72] AYYAGARI, ARUN, US

[71] THE BOEING COMPANY, US

[22] 2017-01-20

[41] 2017-10-11

[30] US (15/095,973) 2016-04-11

[21] **2,957,076**
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01) B65G 47/00 (2006.01) B65G 49/00 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **PROPPANT DELIVERY SYSTEM AND RELATED METHOD**

[54] **SYSTEME DE DISTRIBUTION D'AGENT DE SOUTENEMENT ET METHODE ASSOCIEE**

[72] SHERWOOD, RONALD MARK, US

[72] FOSTER, CHASE HAROLD, US

[71] PENNY TECHNOLOGIES S.A R.L., LU

[22] 2017-02-01

[41] 2017-10-08

[30] US (62/320,257) 2016-04-08

[30] US (15/347,126) 2016-11-09

[21] **2,958,877**
[13] A1

[51] **Int.Cl. A47K 11/00 (2006.01) B64D 11/02 (2006.01) E03D 5/00 (2006.01)**

[25] EN

[54] **TOILET SYSTEM AND METHOD OF ASSEMBLING**

[54] **SYSTEME DE TOILETTE ET SA METHODE D'ASSEMBLAGE**

[72] HARKNESS, WILLIAM ANTHONY, US

[71] THE BOEING COMPANY, US

[22] 2017-02-22

[41] 2017-10-13

[30] US (15/098,053) 2016-04-13

[21] **2,958,890**
[13] A1

[51] **Int.Cl. E01C 5/00 (2006.01) E01C 5/06 (2006.01) E01C 5/22 (2006.01) E01C 9/00 (2006.01)**

[25] EN

[54] **MODULAR ROADWAY STRUCTURE AND RUNWAY STRUCTURED THEREFROM**

[54] **STRUCTURE DE ROUTE MODULAIRE ET PISTE D'ATTERRISSAGE CONSTRUITE A PARTIR DE LADITE STRUCTURE**

[72] HARKNESS, WILLIAM ANTHONY, US

[71] THE BOEING COMPANY, US

[22] 2017-02-22

[41] 2017-10-13

[30] US (15/097,998) 2016-04-13

[21] **2,959,266**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 45/00 (2006.01)**

[25] EN

[54] **EFFICIENCY TRACKING SYSTEM FOR A DRILLING RIG**

[54] **SYSTEME DE SURVEILLANCE D'EFFICACITE D'UN ENGIN DE FORAGE**

[72] MANDAVA, CHAKRAPANI, US

[72] LOCKRIDGE, MICHAEL DAVID, US

[71] NABORS DRILLING TECHNOLOGIES USA, INC., US

[22] 2017-02-27

[41] 2017-10-14

[30] US (15/098,620) 2016-04-14

[21] **2,959,914**
[13] A1

[51] **Int.Cl. A45C 15/00 (2006.01) A45C 3/00 (2006.01)**

[25] EN

[54] **ATHLETIC BAG**

[54] **SAC DE SPORTS**

[72] LOMBARDI, DAVID, US

[72] POIRIER, ROBERT, US

[71] ROEMAR, INC., US

[22] 2017-03-03

[41] 2017-10-13

[30] US (62/322,230) 2016-04-13

[21] **2,960,349**
[13] A1

[51] **Int.Cl. E04G 1/36 (2006.01) E04G 1/00 (2006.01)**

[25] EN

[54] **SCAFFOLDING ARRANGEMENT**

[54] **DISPOSITIF D'ECHAFFAUDAGE**

[72] FISCHER, MANUEL, DE

[72] STARK, LOTHAR, DE

[71] PERI GMBH, DE

[22] 2017-03-09

[41] 2017-10-08

[30] US (15/094,002) 2016-04-08

[21] **2,960,513**
[13] A1

[51] **Int.Cl. H02H 7/22 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **AN ACCESSORY DEVICE FOR AN ELECTRONIC PROTECTION RELAY**

[54] **UN DISPOSITIF ACCESSOIRE DESTINE A UN RELAI DE PROTECTION ELECTRONIQUE**

[72] STUCCHI, MARCO, IT

[72] PANSERI, RICCARDO, IT

[72] COGI, MATTEO, IT

[71] ABB S.P.A., IT

[22] 2017-03-10

[41] 2017-10-14

[30] EP (16165257.3) 2016-04-14

[21] **2,960,514**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G06F 17/40 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **A COMPUTERISED PLATFORM FOR MONITORING THE OPERATION OF AN ELECTRIC POWER DISTRIBUTION GRID**

[54] **UNE PLATEFORME INFORMATISEE SERVANT A SURVEILLER LE FONCTIONNEMENT D'UN RESEAU DE DISTRIBUTION D'ELECTRICITE**

[72] GRITTI, PAOLO, IT

[72] LOCATELLI, EMILIO BATTISTA, IT

[71] ABB S.P.A., IT

[22] 2017-03-10

[41] 2017-10-14

[30] EP (16165254.0) 2016-04-14

**Canadian Applications Open to Public Inspection
October 8, 2017 to October 14, 2017**

[21] **2,961,090**
[13] A1

[51] **Int.Cl. E05F 15/668 (2015.01)**
[25] EN
[54] **MODULAR GARAGE DOOR OPENER**
[54] **OUVRE-PORTE DE GARAGE MODULAIRE**
[72] WHITMIRE, J. PORTER, US
[72] ZIMMERMAN, TODD, US
[72] HUGGINS, MARK, US
[72] PREUS, MICHAEL, US
[72] PLEASANTS, PARKE, US
[72] JENKINS, J. LUKE, US
[72] MCCrackEN, ROBERT E., US
[72] BRAZELL, KENNETH M., US
[72] OHL, TAKU, US
[72] LAGMAN, C. ERIC, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-16
[41] 2017-10-11
[30] US (62/321,176) 2016-04-11

[21] **2,961,221**
[13] A1

[51] **Int.Cl. E05F 15/668 (2015.01)**
[25] EN
[54] **MODULAR GARAGE DOOR OPENER**
[54] **OUVRE-PORTE DE GARAGE MODULAIRE**
[72] MCNABB, WILLIAM MARCUS, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-17
[41] 2017-10-11
[30] US (62/321,188) 2016-04-11

[21] **2,961,500**
[13] A1

[51] **Int.Cl. C09D 139/04 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **PIGMENTABLE PRIMER**
[54] **APPRET PIGMENTABLE**
[72] SCHUEMANN, UWE, DE
[72] DIETZE, SEBASTIAN, DE
[72] BAUMANN, TIM, DE
[72] BOECKER, PATRICK, US
[71] TESA SE, DE
[22] 2017-03-21
[41] 2017-10-13
[30] US (62/321,934) 2016-04-13
[30] US (15/157,845) 2016-05-18

[21] **2,961,509**
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **VALVE UNIT FOR A PISTON COMPRESSOR AND PISTON COMPRESSOR**
[54] **MODULE DE VALVE DESTINE A UN COMPRESSEUR A PISTON ET COMPRESSEUR A PISTON**
[72] DAHMS, PETER, DE
[72] MIBFELDT, PETER, DE
[72] KUTER, TIMO, DE
[72] REINHOLD, TIM, DE
[72] SCHULZ, HARALD, DE
[71] J.P. SAUER & SOHN MASCHINENBAU GMBH, DE
[22] 2017-03-21
[41] 2017-10-08
[30] EP (16164389.5) 2016-04-08

[21] **2,961,695**
[13] A1

[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **CORRELATION-BASED DETECTION OF EXPLOIT ACTIVITY**
[54] **DETECTION D'UNE ACTIVITE D'EXPLOITATION FONDEE SUR LA CORRELATION**
[72] BROWN, DANIEL W., US
[71] CROWDSTRIKE, INC., US
[22] 2017-03-20
[41] 2017-10-11
[30] US (15/096027) 2016-04-11

[21] **2,961,789**
[13] A1

[51] **Int.Cl. F23D 11/38 (2006.01) F02C 7/22 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **FUEL NOZZLE WITH INCREASED SPRAY ANGLE RANGE**
[54] **BUSE DE CARBURANT A PLAGES D'ANGLE DE PULVERISATION AUGMENTEE**
[72] OZEM, HAYLEY, CA
[72] MORENKO, OLEG, CA
[72] GRENIER, JEAN-FRANCOIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-03-21
[41] 2017-10-14
[30] US (15/098,766) 2016-04-14

[21] **2,961,812**
[13] A1

[51] **Int.Cl. B29C 45/23 (2006.01)**
[25] EN
[54] **GUIDE BUSHING FOR AN INJECTION MOULDING APPARATUS**
[54] **RACCORD GUIDE DESTINE A UN APPAREIL DE MOULAGE PAR INJECTION**
[72] GUNTHER, HERBERT, DE
[72] SOMMER, SIEGRID, DE
[72] SCHNELL, TORSTEN, DE
[71] GUNTHER HEISSKANALTECHNIK GMBH, DE
[22] 2017-03-22
[41] 2017-10-12
[30] DE (10 2016 106 745.8) 2016-04-12

[21] **2,961,845**
[13] A1

[51] **Int.Cl. B08B 9/04 (2006.01)**
[25] EN
[54] **DRAIN CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE DRAIN**
[72] PENNY, JACK DANIEL, US
[71] SWIFT BUILDING SERVICES, LLC, US
[22] 2017-03-23
[41] 2017-10-11
[30] US (62391475) 2016-05-02
[30] US (15189030) 2016-06-22

[21] **2,961,868**
[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/99 (2017.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS CONTAINING CROSS-LINKED GLYCOSAMINOGLYCANS**
[54] **COMPOSITIONS TOPIQUES RENFERMANT DES GLYCOSAMINOGLYCANES RETICULEES**
[72] FASSIH, ALI, US
[72] PATURI, JYOTSNA, US
[72] WANGARI-TALBOT, JANET, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2017-03-23
[41] 2017-10-08
[30] US (62/319,847) 2016-04-08

Demandes canadiennes mises à la disponibilité du public
8 octobre 2017 au 14 octobre 2017

[21] **2,961,988**
[13] A1

[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**

[25] EN

[54] **TONNEAU COVER SYSTEM WITH CAM LOCKING PROP-ROD**

[54] **SYSTEME DE COUVERCLE DE TONNEAU A TIGE DE SUPPORT A VERROU A CAME**

[72] HALL, KENNETH J., US

[71] LAURMARK ENTERPRISES, INC., US

[22] 2017-03-24

[41] 2017-10-12

[30] US (15/096,764) 2016-04-12

[21] **2,961,995**
[13] A1

[51] **Int.Cl. B66F 11/04 (2006.01) B60K 28/14 (2006.01) F16P 3/12 (2006.01) F16P 3/14 (2006.01)**

[25] EN

[54] **OPTO-ELECTRIC SYSTEM OF ENHANCED OPERATOR CONTROL STATION PROTECTION**

[54] **SYSTEME OPTOELECTRIQUE DE PROTECTION AMELIOREE DE POSTE DE COMMANDE D'OPERATEUR**

[72] PUSZKIEWICZ, IGNACY, US

[72] GILBRIDE, MATTHEW I., US

[72] LOMBARDO, DAVID W., US

[72] MOHLMAN, BRIAN K., US

[71] JLG INDUSTRIES, INC., US

[22] 2017-03-24

[41] 2017-10-08

[30] US (15/094,286) 2016-04-08

[21] **2,962,007**
[13] A1

[51] **Int.Cl. A01K 1/02 (2006.01) A01K 1/03 (2006.01)**

[25] EN

[54] **ANIMAL CRATE WITH SWING OR DROP DOOR ASSEMBLY**

[54] **CAGE POUR ANIMAL DOTEE D'UN MECANISME DE PORTE BATTANTE OU RABATTANTE**

[72] CANTWELL, BRAD, US

[72] KERR, STEW, US

[72] GREENE, MICHAEL E., US

[72] NOLLEY, DAVID J., US

[71] MID-WEST METAL PRODUCTS CO., INC., US

[22] 2017-03-24

[41] 2017-10-08

[30] US (62/320,048) 2016-04-08

[30] US (15/464,571) 2017-03-21

[21] **2,962,012**
[13] A1

[51] **Int.Cl. A01K 1/02 (2006.01) A01K 1/03 (2006.01) B65D 85/50 (2006.01)**

[25] EN

[54] **ANIMAL CRATE WITH SWING OR DROP DOOR ASSEMBLY**

[54] **CAGE POUR ANIMAL DOTEE D'UN MECANISME DE PORTE BATTANTE OU RABATTANTE**

[72] CANTWELL, BRAD, US

[72] KERR, STEW, US

[72] GREENE, MICHAEL E., US

[72] NOLLEY, DAVID J., US

[71] MID-WEST METAL PRODUCTS CO., INC., US

[22] 2017-03-24

[41] 2017-10-08

[30] US (62/320,048) 2016-04-08

[30] US (15/464,586) 2017-03-21

[21] **2,962,056**
[13] A1

[51] **Int.Cl. H01J 49/14 (2006.01) G01N 30/72 (2006.01)**

[25] EN

[54] **MAGNETICALLY ASSISTED ELECTRON IMPACT ION SOURCE FOR MASS SPECTROMETRY**

[54] **SOURCE IONIQUE A IMPACT D'ELECTRONS DESTINEE A LA SPECTROSCOPIE DE MASSE**

[72] MUNTEAN, FELICIAN, US

[71] BRUKER DALTONICS, INC., US

[22] 2017-03-23

[41] 2017-10-14

[30] US (15099054) 2016-04-14

[21] **2,962,067**
[13] A1

[51] **Int.Cl. B01F 5/06 (2006.01) B01J 19/02 (2006.01) B22F 3/15 (2006.01)**

[25] EN

[54] **A MIXING MODULE AND A STEAM HEATER**

[54] **UN MODULE DE MELANGEUR ET UN APPAREIL DE CHAUFFAGE A LA VAPEUR**

[72] BERGLUND, TOMAS, SE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[22] 2017-03-24

[41] 2017-10-08

[30] SE (1650476-3) 2016-04-08

[21] **2,962,173**
[13] A1

[51] **Int.Cl. C02F 3/10 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 3/02 (2006.01) C02F 3/04 (2006.01)**

[25] EN

[54] **SURFACE WATER MITIGATION STRUCTURE**

[54] **STRUCTURE D'ATTENUATION D'EAU DE SURFACE**

[72] KOMOCKI, DAVID, US

[72] BEESON, PETER C., US

[71] SPORTS CARE PRODUCTS, INC., US

[22] 2017-03-27

[41] 2017-10-13

[30] US (62/321,779) 2016-04-13

[21] **2,962,413**
[13] A1

[51] **Int.Cl. A61M 25/04 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **PULMONARY-VEIN CORK DEVICE WITH ABLATION GUIDING TRENCH**

[54] **DISPOSITIF DE BOUCHON D'ARTERE PULMONAIRE A CANAL GUIDE D'ABLATION**

[72] BOTZER, LIOR, IL

[72] SABA, EITAN MOSHE, IL

[72] RAVUNA, ELIYAHU, IL

[72] AUERBACH, SHMUEL, IL

[72] BAR-TAL, MEIR, IL

[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL

[22] 2017-03-28

[41] 2017-10-13

[30] US (15/097,641) 2016-04-13

Canadian Applications Open to Public Inspection
October 8, 2017 to October 14, 2017

[21] **2,962,457**
 [13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) A61M 37/00 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO ENHANCE OXYGEN CONCENTRATIONS FOR ADVANCED OPHTHALMIC DEVICES**

[54] **METHODES ET APPAREIL DESTINES A AMELIORER LES CONCENTRATIONS D'OXYGENE DE DISPOSITIFS OPHTHALMIQUES AVANCES**

[72] PUGH, RANDALL B., US

[72] TONER, ADAM, US

[72] FLITSCH, FREDERICK A., US

[71] JOHNSON & JOHNSON VISION CARE, INC., US

[22] 2017-03-28

[41] 2017-10-14

[30] US (15/098,781) 2016-04-14

[21] **2,962,459**
 [13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO ENHANCE OXYGEN CONCENTRATIONS FOR OPHTHALMIC DEVICES**

[54] **METHODES ET APPAREIL DESTINES A AMELIORER LES CONCENTRATIONS D'OXYGENE DE DISPOSITIFS OPHTHALMIQUES**

[72] PUGH, RANDALL B., US

[72] TONER, ADAM, US

[72] FLITSCH, FREDERICK A., US

[71] JOHNSON & JOHNSON VISION CARE, INC., US

[22] 2017-03-28

[41] 2017-10-14

[30] US (15/098,816) 2016-04-14

[21] **2,962,460**
 [13] A1

[51] **Int.Cl. A61B 5/0408 (2006.01) A61B 6/00 (2006.01)**

[25] EN

[54] **BASKET CATHETER WITH PRESTRAINED FRAMEWORK**

[54] **CATHETER PANIER DOTE D'UN CADRE PRECONTRAIN**

[72] WU, STEVEN, US

[72] MIN, SUNGWO, US

[72] AUJLA, VISHAV MANAK SINGH, US

[72] MERCHANT, NEIL, US

[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL

[22] 2017-03-28

[41] 2017-10-13

[30] US (15/098,175) 2016-04-13

[21] **2,962,553**
 [13] A1

[51] **Int.Cl. G01S 13/89 (2006.01) G01S 15/89 (2006.01)**

[25] EN

[54] **ULTRASONIC INSPECTION OF WRINKLES IN COMPOSITE OBJECTS**

[54] **INSPECTION ULTRASONIQUE DES PLIS DANS LES OBJETS COMPOSITES**

[72] BINGHAM, JILL PAISLEY, US

[71] THE BOEING COMPANY, US

[22] 2017-03-29

[41] 2017-10-14

[30] US (15/098765) 2016-04-14

[21] **2,962,565**
 [13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/04 (2012.01)**

[25] EN

[54] **MANUFACTURING MATERIEL SUPPLY CHAIN DISRUPTION MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION D'INTERRUPTION DE CHAINE D'APPROVISIONNEMENT DE MATERIAUX DE FABRICATION**

[72] GLATFELTER, JOHN W., US

[72] LAUGHLIN, BRIAN DALE, US

[71] THE BOEING COMPANY, US

[22] 2017-03-29

[41] 2017-10-14

[30] US (15/099585) 2016-04-14

[21] **2,962,641**
 [13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G01D 21/00 (2006.01) G01M 15/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PROVIDING DATA EXPLORATION TECHNIQUES**

[54] **SYSTEMES ET METHODES DE FOURNITURE DE TECHNIQUES D'EXPLORATION DE DONNEES**

[72] AYIK, HATICE MUJDE, GB

[72] KNIGHT, PETER, GB

[71] GE AVIATION SYSTEMS LLC, US

[22] 2017-03-30

[41] 2017-10-14

[30] GB (1606509.6) 2016-04-14

[21] **2,962,644**
 [13] A1

[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**

[25] EN

[54] **COMPONENT FOR A TURBINE ENGINE WITH A FILM-HOLE**

[54] **COMPOSANT DE MOTEUR DE TURBINE DOTE D'UN TROU DE FILM**

[72] WEBSTER, ZACHARY DANIEL, US

[72] FELDMANN, KEVIN ROBERT, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2017-03-30

[41] 2017-10-14

[30] US (15/098,733) 2016-04-14

[21] **2,962,647**
 [13] A1

[51] **Int.Cl. B64D 27/24 (2006.01) B64C 21/00 (2006.01) B64D 35/00 (2006.01)**

[25] EN

[54] **ELECTRIC PROPULSION ENGINE FOR AN AIRCRAFT**

[54] **DISPOSITIF DE PROPULSION ELECTRIQUE DESTINE A UN AERONEF**

[72] NIERGARTH, DANIEL ALAN, US

[72] VONDRELL, RANDY M., US

[72] MILLER, BRANDON WAYNE, US

[72] MARRINAN, PATRICK MICHAEL, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2017-03-30

[41] 2017-10-11

[30] US (15/095,262) 2016-04-11

Demandes canadiennes mises à la disponibilité du public
8 octobre 2017 au 14 octobre 2017

[21] **2,962,663**
[13] A1

[51] **Int.Cl. G01S 19/51 (2010.01)**
[25] EN
[54] **AIRCRAFT NAVIGATION USING EXPONENTIAL MAP**
[54] **NAVIGATION D'AERONEF AU MOYEN D'UNE CARTE EXPONENTIELLE**
[72] CABELLO, JUAN JOSE, MX
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-03-30
[41] 2017-10-13
[30] US (15/097,330) 2016-04-13

[21] **2,962,666**
[13] A1

[51] **Int.Cl. B64D 27/24 (2006.01) B64D 27/26 (2006.01) B64D 35/02 (2006.01) H02K 5/24 (2006.01) H02K 7/116 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **ELECTRIC PROPULSION ENGINE FOR AN AIRCRAFT**
[54] **DISPOSITIF DE PROPULSION ELECTRIQUE DESTINE A UN AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] MILLER, BRANDON WAYNE, US
[72] MARRINAN, PATRICK MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-11
[30] US (15/095,249) 2016-04-11

[21] **2,962,669**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **TRANSFERRING DATA FROM A FIRST DATA ENVIRONMENT TO A SECOND DATA ENVIRONMENT**
[54] **TRANSFERT DE DONNEES D'UN PREMIER ENVIRONNEMENT DE DONNEES A UN DEUXIEME ENVIRONNEMENT DE DONNEES**
[72] AYIK, HATICE MUJDE, GB
[72] KNIGHT, PETER ROBIN, GB
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-03-30
[41] 2017-10-14
[30] GB (1606530.2) 2016-04-14

[21] **2,962,673**
[13] A1

[51] **Int.Cl. B23P 6/00 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IN SITU BALANCING OF A ROTATING COMPONENT OF A GAS TURBINE ENGINE**
[54] **SYSTEME ET METHODE D'EQUILIBRAGE SUR PLACE D'UN COMPOSANT INTERNE D'UNE TURBINE A GAZ**
[72] DIWINSKY, DAVID SCOTT, US
[72] ROBERTS, HERBERT CHIDSEY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-12
[30] US (15/096,527) 2016-04-12

[21] **2,962,690**
[13] A1

[51] **Int.Cl. G01F 15/06 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **READING AND WRITING DATA TO A METER THAT MEASURES FLOW OF MATERIAL**
[54] **DONNEES DE LECTURE ET D'ECRIURE D'UN COMPTEUR QUI MESURE LE FLUX DE MATERIAU**
[72] MAMALOUKAS, JASON LEE, US
[72] MARTIN, JEFF THOMAS, US
[72] PERKINS, ANDREW LOGAN, US
[71] DRESSER, INC., US
[22] 2017-03-30
[41] 2017-10-14
[30] US (15/098,584) 2016-04-14

[21] **2,963,035**
[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01) B64C 13/18 (2006.01)**
[25] FR
[54] **STEERING ASSISTANCE PROCESS FOR AIRCRAFT WITH RESTRICTIONS ON THE POSSIBILITIES OF SETTING STEERING PARAMETERS BASED ON CONTEXT, AND CORRESPONDING DEVICE**
[54] **PROCEDE D'ASSISTANCE AU PILOTAGE D'UN AERONEF AVEC RESTRICTION DES POSSIBILITES DE REGLAGE DES PARAMETRES DE PILOTAGE EN FONCTION DU CONTEXTE, ET DISPOSITIF CORRESPONDANT**
[72] BARRAL, JEROME, FR
[72] DARSE, PATRICK, FR
[71] DASSAULT AVIATION, FR
[22] 2017-03-30
[41] 2017-10-12
[30] FR (16 00 620) 2016-04-12

[21] **2,963,127**
[13] A1

[51] **Int.Cl. C02F 1/28 (2006.01)**
[25] EN
[54] **METHOD FOR A TREATMENT OF WATER BY ADSORPTION ON ACTIVE CARBON AND CLARIFICATION, AND CORRESPONDING PLANT**
[54] **METHODE DE TRAITEMENT DE L'EAU PAR ADSORPTION SUR CHARBON ACTIF ET CLARIFICATION, ET INSTALLATION CORRESPONDANTE**
[72] SAUVIGNET, PHILIPPE, FR
[72] GAID, ABDELKADER, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[22] 2017-04-03
[41] 2017-10-13
[30] FR (1653262) 2016-04-13

**Canadian Applications Open to Public Inspection
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[21] **2,963,129**
[13] A1

[51] **Int.Cl. G01N 24/08 (2006.01)**
[25] EN
[54] **LOW-FIELD TIME-DOMAIN NMR MEASUREMENT OF OIL SANDS PROCESS STREAMS**
[54] **MESURE DE RNM A DOMAINE TEMPOREL ET CHAMP FAIBLE DES FLUX DE PROCEDES DE SABLES BITUMINEUX**
[72] PAPROSKI, RICHARD, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2017-04-03
[41] 2017-10-12
[30] US (62/321,605) 2016-04-12

[21] **2,963,133**
[13] A1

[51] **Int.Cl. H02J 50/10 (2016.01) H02J 50/80 (2016.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01) H02M 7/68 (2006.01) H03K 17/95 (2006.01)**
[25] EN
[54] **CONTACTLESS BATTERY SYSTEM UTILIZING A BIDIRECTIONAL POWER CONVERTER**
[54] **SYSTEME DE BATTERIE SANS CONTACT EMPLOYANT UN CONVERTISSEUR D'ALIMENTATION BIDIRECTIONNEL**
[72] BLAKELY, GEORGE, US
[72] WAID, GORDON, US
[71] ENOVATE MEDICAL, LLC, US
[22] 2017-03-31
[41] 2017-10-11
[30] US (15/096215) 2016-04-11

[21] **2,963,136**
[13] A1

[51] **Int.Cl. B64D 37/02 (2006.01) B64D 37/32 (2006.01)**
[25] FR
[54] **FUEL COLLECTOR FOR AIRCRAFT RESERVOIR**
[54] **COLLECTEUR DE CARBURANT POUR RESERVOIR D'UN AERONEF**
[72] VIALLE, JULIEN, FR
[72] CLARIS, CHRISTOPHE, FR
[71] ZODIAC AEROTECHNICS, FR
[22] 2017-04-04
[41] 2017-10-13
[30] FR (1653278) 2016-04-13

[21] **2,963,141**
[13] A1

[51] **Int.Cl. H02M 7/68 (2006.01) H02J 50/10 (2016.01) H02J 7/02 (2016.01) H02M 1/00 (2007.10)**
[25] EN
[54] **BIDIRECTIONAL POWER CONVERTER**
[54] **CONVERTISSEUR D'ALIMENTATION BIDIRECTIONNEL**
[72] BLAKELY, GEORGE, US
[72] WAID, GORDON, US
[71] ENOVATE MEDICAL, LLC, US
[22] 2017-03-31
[41] 2017-10-11
[30] US (15/096204) 2016-04-11

[21] **2,963,144**
[13] A1

[51] **Int.Cl. H02J 50/90 (2016.01) H02J 50/20 (2016.01) H02M 7/68 (2006.01)**
[25] EN
[54] **PROXIMITY WIRELESS POWER SYSTEM USING A BIDIRECTIONAL POWER CONVERTER**
[54] **SYSTEME D'ALIMENTATION DE PROXIMITE SANS FIL EMPLOYANT UN CONVERTISSEUR D'ALIMENTATION BIDIRECTIONNEL**
[72] BLAKELY, GEORGE, US
[72] WAID, GORDON, US
[71] ENOVATE MEDICAL, LLC, US
[22] 2017-03-31
[41] 2017-10-11
[30] US (15/096242) 2016-04-11

[21] **2,963,347**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/32 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **INVALIDATION IN A CONTENT DELIVERY NETWORK (CDN)**
[54] **INVALIDATION D'UN RESEAU DE DISTRIBUTION DE CONTENU**
[72] CROWDER, WILLIAM, US
[72] LIPSTONE, LAURENCE, US
[72] NEWTON, CHRISTOPHER, US
[72] WONG, FIONA, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[22] 2017-04-05
[41] 2017-10-11
[30] US (15/095,282) 2016-04-11

[21] **2,963,514**
[13] A1

[51] **Int.Cl. G09F 7/22 (2006.01) B60R 21/34 (2011.01) B62D 53/00 (2006.01) B62D 63/08 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **SAFETY TURN PANEL**
[54] **PANNEAU DE VIRAGE SECURITAIRE**
[72] ARCAND, CLAUDE, CA
[71] ARCAND, CLAUDE, CA
[22] 2017-04-06
[41] 2017-10-09
[30] GB (1606047.7) 2016-04-09

[21] **2,963,529**
[13] A1

[51] **Int.Cl. C02F 1/461 (2006.01) C02F 1/46 (2006.01)**
[25] EN
[54] **ELECTROLYTIC WATER SOFTENER**
[54] **ADOUCCISSEUR D'EAU ELECTROLYTIQUE**
[72] SALAMA, AMIR, CA
[72] SALAMA, MARIANNE, CA
[71] OZOMAX INC., CA
[22] 2017-04-06
[41] 2017-10-11
[30] CA (2,926,658) 2016-04-11

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8 octobre 2017 au 14 octobre 2017

[21] **2,963,536**
[13] A1

[51] **Int.Cl. G06F 21/86 (2013.01)**
[25] EN
[54] **DETECTION OF THE OPENING OF A DATA-ENTRY DEVICE**
[54] **DETECTION DE L'OUVERTURE D'UN APPAREIL DE SAISIE DE DONNEES**
[72] ANDRE, JEROME, FR
[71] INGENICO GROUP, FR
[22] 2017-04-04
[41] 2017-10-08
[30] FR (1653130) 2016-04-08

[21] **2,963,538**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISSEMINATING INFORMATION OVER A COMMUNICATION NETWORK**
[54] **METHODE ET SYSTEME DE DISSEMINATION D'INFORMATION SUR UN RESEAU DE COMMUNICATION**
[72] REIVER, ROBERT E., US
[71] NB PORTALS, LLC, US
[22] 2017-04-04
[41] 2017-10-14
[30] US (15/099,242) 2016-04-14

[21] **2,963,557**
[13] A1

[51] **Int.Cl. B64D 37/00 (2006.01) B64C 17/10 (2006.01) F02C 7/22 (2006.01) F02M 37/00 (2006.01)**
[25] FR
[54] **FABRICATION PROCESS FOR STRAINER, STRAINER AND EJECTOR INCLUDING SUCH A STRAINER**
[54] **PROCEDE DE FABRICATION D'UNE CREPINE, CREPINE, ET EJECTEUR COMPRENANT UNE TELLE CREPINE**
[72] CORMAN, FRANCOIS, FR
[71] ZODIAC AEROTECHNICS, FR
[22] 2017-04-07
[41] 2017-10-12
[30] FR (1653187) 2016-04-12

[21] **2,963,568**
[13] A1

[51] **Int.Cl. F28F 9/00 (2006.01) F16M 3/00 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **IMPROVED HEAT EXCHANGER UNIT**
[54] **MODULE D'ECHANGEUR THERMIQUE AMELIORE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-04-07
[41] 2017-10-10
[30] US (62/320,606) 2016-04-10
[30] US (62/320,611) 2016-04-10
[30] US (15/477,100) 2017-04-02

[21] **2,963,572**
[13] A1

[51] **Int.Cl. F28F 9/00 (2006.01) F16M 3/00 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **IMPROVED HEAT EXCHANGER UNIT**
[54] **MODULE D'ECHANGEUR THERMIQUE AMELIORE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-04-07
[41] 2017-10-10
[30] US (62/320,606) 2016-04-10
[30] US (62/320,611) 2016-04-10
[30] US (15/477,097) 2017-04-02

[21] **2,963,627**
[13] A1

[51] **Int.Cl. E05B 65/10 (2006.01) E05B 17/22 (2006.01) E05B 47/06 (2006.01)**
[25] EN
[54] **ELECTRIFIED EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE ELECTRIQUE**
[72] BRENNAN, JOHN, US
[72] CORWIN, LARRY GENE, JR., US
[72] HARRELL, LAWRENCE, IV, US
[72] LEWIS, ROBERT W., US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2017-04-07
[41] 2017-10-08
[30] US (62/320180) 2016-04-08
[30] US (15/480503) 2017-04-06

[21] **2,963,630**
[13] A1

[51] **Int.Cl. E04B 1/38 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **BUILDING CONNECTION ARRANGEMENT**
[54] **DISPOSITIF DE RACCORD DE BATIMENT**
[72] MANEY, DAVID, AU
[72] HENDRICKS, BILL, AU
[72] MCKECHNIE, SIMON, AU
[72] MCALPIN, WARWICK, AU
[71] STUDCO AUSTRALIA PTY LTD, AU
[22] 2017-04-07
[41] 2017-10-11
[30] AU (2016901337) 2016-04-11
[30] AU (2016902270) 2016-06-10

[21] **2,963,646**
[13] A1

[51] **Int.Cl. B01J 29/65 (2006.01) B01J 29/40 (2006.01)**
[25] EN
[54] **HYBRID EXTRUDED MIXED ZEOLITE CATALYSTS FOR SYNTHESIS OF LIGHT OLEFINS**
[54] **CATALYSEURS A ZEOLITES MIXTES EXTRUDEES HYBRIDES DESTINES A LA SYNTHESE D'OLEFINES LEGERES**
[72] MARIE-ROSE, STEPHANE, CA
[72] GIL COBA, JENNIFER LORENA, CA
[72] PINARD, LUDOVIC, FR
[71] ENERKEM, INC., CA
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/320,907) 2016-04-11

**Canadian Applications Open to Public Inspection
October 8, 2017 to October 14, 2017**

[21] **2,963,649**
[13] A1

[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR LIQUEFYING PRODUCTION GAS FROM A GAS SOURCE**
[54] **UN SYSTEME ET UNE METHODE DE LIQUEFACTION DE GAZ DE PRODUCTION D'UNE SOURCE DE GAZ**
[72] ROWE, GEOFF, CA
[71] ROWE, GEOFF, CA
[22] 2017-04-10
[41] 2017-10-11
[30] CA (2926892) 2016-04-11

[21] **2,963,682**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) G06Q 10/08 (2012.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **STORAGE AND MONITORING SYSTEM WITH SMART HOLDERS**
[54] **SYSTEME D'ENTREPOSAGE ET DE RANGEMENT A SUPPORTS INTELLIGENTS**
[72] CRACIUNOIU, AURELIA, CA
[71] CRACIUNOIU, AURELIA, CA
[22] 2017-04-10
[41] 2017-10-08
[30] US (62/320419) 2016-04-08

[21] **2,963,766**
[13] A1

[51] **Int.Cl. F02K 1/76 (2006.01) F02K 1/70 (2006.01)**
[25] EN
[54] **THRUST REVERSER ACTUATOR**
[54] **ACTIONNEUR D'INVERSEUR DE POUSSEE**
[72] DAVIES, STEPHEN, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-04-07
[41] 2017-10-08
[30] EP (16164568.4) 2016-04-08

[21] **2,963,665**
[13] A1

[51] **Int.Cl. H02M 3/158 (2006.01) H02M 1/088 (2006.01)**
[25] EN
[54] **TWO-PHASE THREE-LEVEL CONVERTER AND CONTROLLER THEREFOR**
[54] **CONVERTISSEUR BIPHASE A TROIS NIVEAUX ET CONTROLEUR ASSOCIE**
[72] LIU, TIANSHU, CA
[72] LIU, YAN-FEI, CA
[71] LIU, TIANSHU, CA
[71] LIU, YAN-FEI, CA
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/321,027) 2016-04-11
[30] US (62/473,464) 2017-03-19

[21] **2,963,747**
[13] A1

[51] **Int.Cl. B65H 75/28 (2006.01) B65H 65/00 (2006.01) B65H 75/38 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COILING A CONTINUOUS ROD**
[54] **METHODE ET APPAREIL DE BOBINAGE D'UNE TIGE CONTINUE**
[72] SABATIER, CLINT ROGER, CA
[71] 925599 ALBERTA LTD., CA
[22] 2017-04-07
[41] 2017-10-08
[30] US (62/320,255) 2016-04-08

[21] **2,963,795**
[13] A1

[51] **Int.Cl. B65D 75/36 (2006.01) B65B 11/50 (2006.01) C08L 53/00 (2006.01) B32B 3/12 (2006.01)**
[25] EN
[54] **PATTENRED FILM FOR FORMING FLUID-FILLED BLISTER, MICROFLUIDIC BLISTER, AND KIT AND METHOD OF FORMING**
[54] **PELLICULE A MOTIF SERVANT A FORMER DES COQUES REMPLIES DE FLUIDES, DES COQUES MICROFLUIDIQUES, ET TROUSSE ET METHODE DE FORMATION**
[72] JANTA, MOJRA, CA
[72] HOA, XUYEN DAI, CA
[72] GEISSLER, MATTHIAS, CA
[72] VERES, TEODOR, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2017-04-11
[41] 2017-10-11
[30] US (62/320,677) 2016-04-11

[21] **2,963,670**
[13] A1

[51] **Int.Cl. C12N 9/28 (2006.01) C12N 9/00 (2006.01) C12N 9/26 (2006.01) C12N 15/56 (2006.01)**
[25] EN
[54] **STABILIZED ALPHA-AMYLASE VARIANTS AND USE OF THE SAME**
[54] **VARIANTES D'ALPHA-AMYLASE STABILISEES ET UTILISATION ASSOCIEE**
[72] ANDERSEN, CARSTEN, DK
[72] FEVRE, ANNA-KATHRINE, DK
[71] NOVOZYMES A/S, DK
[22] 2017-04-07
[41] 2017-10-08
[30] DK (PA 2016 00210) 2016-04-08

[21] **2,963,758**
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/524 (2006.01) E21B 37/06 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **WELL TREATMENT MATERIAL FOR SLOW RELEASE OF BIOCIDES**
[54] **MATERIAU DE TRAITEMENT DE Puits DESTINE A LA LIBERATION LENTE DE BIOCIDES**
[72] VITTUR, BRANDON, US
[72] MACKENZIE, GORDON, US
[72] MOUALLEM, SAHAR, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2017-04-07
[41] 2017-10-08
[30] US (62/320181) 2016-04-08

**Demandes canadiennes mises à la disponibilité du public
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[21] **2,963,799**
[13] A1

[51] **Int.Cl. E02F 3/36 (2006.01) E02F 7/00 (2006.01) E02F 9/14 (2006.01)**
[25] EN
[54] **SUPPORT AND GUIDING APPARATUS FOR FEEDER LINES FOR EXCAVATION DEVICES**
[54] **SUPPORT ET APPAREIL DE GUIDAGE DE CONDUITS D'ALIMENTATION DESTINES A DES APPAREILS D'EXCAVATION**
[72] RAFFUZZI, MIRCO ARMANDO, IT
[72] VISANI, FRANCO, IT
[71] SOILMEC S.P.A., IT
[22] 2017-04-07
[41] 2017-10-08
[30] IT (10 2016 000 036 535) 2016-04-08

[21] **2,963,808**
[13] A1

[51] **Int.Cl. G06K 9/80 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECOGNIZING CHARACTERS IN DIGITIZED DOCUMENTS**
[54] **SYSTEMES ET METHODES DE RECONNAISSANCE DE CARACTERES DANS LES DOCUMENTS NUMERISES**
[72] BLUCHE, THEODORE DAMIEN, FR
[71] A2IA S.A.S., FR
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/320,912) 2016-04-11

[21] **2,963,813**
[13] A1

[51] **Int.Cl. B25B 5/06 (2006.01) B25B 5/02 (2006.01) B25B 5/16 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO CLAMPING APPARATUS**
[54] **AMELIORATIONS D'APPAREIL DE SERTISSAGE**
[72] COCHRANE, MICHAEL, GB
[71] POWER BOX AG, CH
[22] 2017-04-11
[41] 2017-10-12
[30] GB (1606276.2) 2016-04-12

[21] **2,963,827**
[13] A1

[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F01D 9/02 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **IMPINGEMENT PLATE WITH STRESS RELIEF FEATURE**
[54] **PLAQUE DE COLLISION A FONCTIONNALITE DE LIBERATION DE CONTRAINTE**
[72] MOGA, CORINA, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-04-10
[41] 2017-10-11
[30] US (62/320,847) 2016-04-11

[21] **2,963,898**
[13] A1

[51] **Int.Cl. G01F 15/00 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **TAMPER DETECTION IN UTILITY METERS**
[54] **DETECTION DE VIOLATION DE COMPTEURS DE SERVICE PUBLIC**
[72] BRENNAN, WILLIAM JAMES, JR., US
[72] SALA, JOHN EUGENE, US
[72] WILSON, MICHAEL ALLEN, US
[72] HANES, DAVID J., US
[71] NEPTUNE TECHNOLOGY GROUP INC., US
[22] 2017-04-10
[41] 2017-10-12
[30] US (62/321,562) 2016-04-12
[30] US (15/233,627) 2016-08-10

[21] **2,963,902**
[13] A1

[51] **Int.Cl. G02B 6/36 (2006.01) G02B 6/255 (2006.01)**
[25] EN
[54] **FIBER OPTIC CONNECTOR**
[54] **CONNECTEUR DE FIBRE OPTIQUE**
[72] CHABOT, BRUNO, CA
[72] HUBBARD, DAVID, US
[71] BELDEN CANADA INC., CA
[22] 2017-04-10
[41] 2017-10-08
[30] US (62/320,425) 2016-04-08

[21] **2,963,906**
[13] A1

[51] **Int.Cl. B60R 16/02 (2006.01) B66F 9/075 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A PUBLIC STANDARD INTERFACE FOR MATERIAL HANDLING VEHICLES**
[54] **SYSTEMES ET METHODES DESTINES A UNE INTERFACE STANDARD PUBLIQUE DE VEHICULES MANIPULANT DES MATERIAUX**
[72] KIRK, JOHN BRYANT, US
[72] HARVEY, DEAN, US
[72] DAY, RICK, US
[72] PURDY, ARLAN, US
[72] MILLER, RICHARD C., US
[72] MOORHEAD, BRIAN, US
[71] THE RAYMOND CORPORATION, US
[22] 2017-04-11
[41] 2017-10-14
[30] US (62/322,379) 2016-04-14
[30] US (15/476,649) 2017-03-31

[21] **2,963,917**
[13] A1

[51] **Int.Cl. G01N 19/08 (2006.01) B64F 5/00 (2017.01)**
[25] EN
[54] **PHYSICAL COMPONENT PREDICTED REMAINING USEFUL LIFE**
[54] **DUREE UTILE RESTANTE PREDITE PAR UNE COMPOSANTE PHYSIQUE**
[72] DION, BERNARD, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2017-04-10
[41] 2017-10-11
[30] US (15/095,764) 2016-04-11

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[21] **2,963,920**
[13] A1

[51] **Int.Cl. H04H 20/95 (2009.01)**
[25] EN
[54] **APPARATUS FOR GENERATING BROADCAST SIGNAL FRAME FOR SIGNALING TIME INTERLEAVING MODE AND METHOD USING THE SAME**

[54] **APPAREIL DE GENERATION D'UNE TRAME DE SIGNAUX DE DIFFUSION SERVANT A SIGNALER UN MODE D'ENTRELACEMENT TEMPOREL ET METHODE EMPLOYANT LEDIT APPAREIL**

[72] LEE, JAE-YOUNG, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] KIM, HEUNG-MOOK, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR

[22] 2017-04-11
[41] 2017-10-14
[30] KR (10-2016-0045316) 2016-04-14
[30] KR (10-2017-0034047) 2017-03-17

[21] **2,963,961**
[13] A1

[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR ATTACHMENT TO A VEHICLE**

[54] **SYSTEME DE CHENILLE A ATTACHER A UN VEHICULE**

[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2017-04-12
[41] 2017-10-12
[30] US (62/321,420) 2016-04-12

[21] **2,963,962**
[13] A1

[51] **Int.Cl. E04F 13/26 (2006.01) E04B 1/61 (2006.01) E04C 2/30 (2006.01) E04F 13/076 (2006.01) E04F 13/08 (2006.01)**

[25] EN
[54] **MODULAR SURFACE COVERING ASSEMBLY TO COVER A BEARING SURFACE**

[54] **DISPOSITIF DE REVETEMENT DE SURFACE MODULAIRE DESTINE A COUVRIR UNE SURFACE PORTANTE**

[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
[22] 2017-04-12
[41] 2017-10-13
[30] US (62/321,805) 2016-04-13

[21] **2,964,058**
[13] A1

[51] **Int.Cl. B62M 9/00 (2006.01) B62M 11/00 (2006.01)**

[25] EN
[54] **BICYCLE FRONT SPROCKET**

[54] **PIGNON AVANT DE BICYCLETTE**

[72] MOORE, ROBERT ERIK, CA
[72] CHALMERS, DOUGLAS ALEXANDER, CA
[71] FOX FACTORY, INC., US
[22] 2017-04-11
[41] 2017-10-11
[30] US (62/321138) 2016-04-11

[21] **2,964,066**
[13] A1

[51] **Int.Cl. F16H 63/34 (2006.01) F16H 57/028 (2012.01) B60W 30/00 (2006.01) F16H 48/24 (2006.01) F16H 57/10 (2006.01) F16H 61/22 (2006.01)**

[25] EN
[54] **TRANSMISSION SYSTEM FOR HYBRID ELECTRIC VEHICLE**

[54] **MECANISME DE TRANSMISSION DE VEHICULE ELECTRIQUE HYBRIDE**

[72] TOMITA, MAKOTO, JP
[72] OSHIMA, KEIJIRO, JP
[72] HORI, TETSUO, JP
[72] TAKEUCHI, TOMOYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-04-11
[41] 2017-10-13
[30] JP (2016-080412) 2016-04-13
[30] JP (2016-195885) 2016-10-03

[21] **2,964,086**
[13] A1

[51] **Int.Cl. E06C 1/393 (2006.01) E06C 1/24 (2006.01) E06C 7/16 (2006.01)**

[25] EN
[54] **HYBRID STEPLADDER AND METHOD**

[54] **ESCABEAU HYBRIDE ET METHODE**

[72] WOODWARD, STEVE, US
[72] DANGROW, JOE, US
[72] PARKER, THOMAS W., US
[72] BEGGS, ROBERT D., US
[72] WERNER, JOHN H., US
[72] O'RAHILLY, MICKY A., US
[71] WERNER CO., US
[22] 2017-04-11
[41] 2017-10-14
[30] US (62/322,595) 2016-04-14

[21] **2,964,091**
[13] A1

[51] **Int.Cl. E05D 15/16 (2006.01) E05D 13/00 (2006.01)**

[25] EN
[54] **WINDOW BALANCE ASSEMBLY INCLUDING SASH SUPPORT BRACKET**

[54] **MECANISME D'EQUILIBRAGE DE FENETRE COMPORTANT UN SUPPORT DE CHASSIS**

[72] LUCCI, ROBERT M., US
[72] BAGLIO, ANDREW, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[22] 2017-04-11
[41] 2017-10-12
[30] US (15/468,517) 2017-03-24
[30] US (62/321,256) 2016-04-12

[21] **2,964,092**
[13] A1

[51] **Int.Cl. B65D 41/58 (2006.01) B65D 41/04 (2006.01) B65D 51/18 (2006.01)**

[25] EN
[54] **CAP UNIT FOR BEVERAGE CONTAINER**

[54] **MODULE DE CAPUCHON DE CONTENANT DE BOISSON**

[72] MARUYAMA, TAKAHIRO, JP
[72] MATSUYAMA, SHIN, JP
[71] THERMOS L.L.C., US
[71] THERMOS K.K., JP
[22] 2017-04-11
[41] 2017-10-13
[30] JP (2016-080360) 2016-04-13

**Demandes canadiennes mises à la disponibilité du public
8 octobre 2017 au 14 octobre 2017**

[21] **2,964,126**
[13] A1

[51] **Int.Cl. F01D 15/00 (2006.01) E21B 43/12 (2006.01) F03B 13/00 (2006.01) F17D 1/075 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR GENERATING ROTATIONAL POWER**

[54] **SYSTEME ET METHODE DE GENERATION D'ENERGIE ROTATIVE**

[72] WEFLEN, DARRYL, CA

[71] AIRTEK SYSTEMS INC., CA

[22] 2017-04-12

[41] 2017-10-12

[30] US (62/321,338) 2016-04-12

[21] **2,964,131**
[13] A1

[51] **Int.Cl. F24D 19/10 (2006.01) F24D 3/02 (2006.01) F24H 1/38 (2006.01)**

[25] EN

[54] **ENHANCED CONVECTION, DIFFERENTIAL TEMPERATURE MANAGED, HYDRONIC HEATING APPLIANCE**

[54] **APPAREIL DE CHAUFFAGE HYDRONIQUE, GERE PAR TEMPERATURE DIFFERENTIELLE, A CONVECTION AMELIOREE**

[72] MERCIER, PAUL D., SR., US

[71] MERCIER, PAUL D., SR., US

[22] 2017-04-13

[41] 2017-10-13

[30] US (62/321846) 2016-04-13

[21] **2,964,134**
[13] A1

[51] **Int.Cl. E04G 1/15 (2006.01) E01D 19/00 (2006.01) E04B 5/48 (2006.01)**

[25] EN

[54] **HEATED PLATFORM SYSTEMS**

[54] **SYSTEMES DE PLATEFORME CHAUFFEE**

[72] REEVE, SCOTT, US

[72] LOFF, ANDREW K., US

[71] COMPOSITE ADVANTAGE LLC, US

[22] 2017-04-12

[41] 2017-10-13

[30] US (62/322,016) 2016-04-13

[21] **2,964,207**
[13] A1

[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/38 (2006.01)**

[25] EN

[54] **LOCKING PACKAGING CONTAINER**

[54] **CONTENANT D'EMBALLAGE A VERROU**

[72] CHAMBERS, CHRISTOPHER, US

[72] GILGER, ERIC, US

[71] ALL PACKAGING COMPANY, US

[22] 2017-04-13

[41] 2017-10-14

[30] US (62/322,614) 2016-04-14

[21] **2,964,227**
[13] A1

[51] **Int.Cl. B65G 47/34 (2006.01) B62B 3/04 (2006.01) B65F 1/14 (2006.01) B65G 67/24 (2006.01)**

[25] EN

[54] **DEBRIS CARTS AND SYSTEMS AND METHODS OF USING SAME**

[54] **CHARIOTS A DEBRIS ET SYSTEMES ET METHODES D'UTILISATION ASSOCIES**

[72] BURNS, ALLEN T., US

[71] RICHARD S. BURNS & COMPANY, INC., US

[22] 2017-04-13

[41] 2017-10-14

[30] US (15/099,345) 2016-04-14

[21] **2,964,248**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) E05B 15/02 (2006.01)**

[25] EN

[54] **RESILIENTLY MOUNTED STRIKE PLATE OF AN ELECTROMAGNETIC DOOR LOCK**

[54] **GACHE INSTALLEE DE MANIERE RESILIENTE DESTINEE A UNE SERRURE DE PORTE ELECTROMAGNETIQUE**

[72] CORWIN, LARRY GENE JR., US

[72] VAN DUSEN, DAN, US

[71] HANCHETT ENTRY SYSTEMS, INC., US

[22] 2017-04-13

[41] 2017-10-14

[30] US (62/322344) 2016-04-14

[30] US (62/381387) 2016-08-30

[21] **2,964,264**
[13] A1

[51] **Int.Cl. A47G 25/90 (2006.01)**

[25] EN

[54] **SOCK HOLDING DRESSING AID**

[54] **AIDE A L'HABILLEMENT A SUPPORT DE CHAUSSETTE**

[72] DE SILVA RAPOSO, JOHN CARLOS, BM

[71] DE SILVA RAPOSO, JOHN CARLOS, BM

[22] 2017-04-12

[41] 2017-10-13

[30] GB (1606388.5) 2016-04-13

[21] **2,964,343**
[13] A1

[51] **Int.Cl. G06F 11/32 (2006.01) G06F 3/00 (2006.01)**

[25] EN

[54] **KVM HAVING BLUE SCREEN OF DEATH DETECTION AND WARNING FUNCTIONS**

[54] **COMMUTATEUR ECRAN-CLAVIER-SOURIS A DETECTION D'ECRAN BLEU DE LA MORT ET FONCTIONS D'AVERTISSEMENT**

[72] SOFFER, AVIV, IL

[71] HIGH SEE LABS LTD., IL

[22] 2017-04-13

[41] 2017-10-14

[30] US (62/322,284) 2016-04-14

[21] **2,964,348**
[13] A1

[51] **Int.Cl. H02G 1/00 (2006.01) B21D 7/04 (2006.01)**

[25] EN

[54] **BENDER SHOE RATCHET**

[54] **ROCHET DE PATIN DE CINTREUSE**

[72] ELDER, DOYLE WAYNE, US

[72] DAVIS, JESSE KAY, US

[71] SOUTHWIRE COMPANY, LLC, US

[22] 2017-04-12

[41] 2017-10-12

[30] US (15/096,309) 2016-04-12

**Canadian Applications Open to Public Inspection
October 8, 2017 to October 14, 2017**

[21] **2,964,399**
[13] A1

[51] **Int.Cl. F28F 13/06 (2006.01) E03C 1/122 (2006.01) F28D 3/02 (2006.01) F28F 1/24 (2006.01)**

[25] EN
[54] **HEAT EXCHANGE CONDUIT AND HEAT EXCHANGER**

[54] **CONDUIT D'ECHANGEUR THERMIQUE ET ECHANGEUR THERMIQUE**

[72] VELAN, DAVID, CA
[71] ECODRAIN INC., CA
[22] 2017-04-11
[41] 2017-10-12
[30] US (62/321,355) 2016-04-12

[21] **2,964,403**
[13] A1

[51] **Int.Cl. A63B 59/70 (2015.01) A63B 60/00 (2015.01) A63B 60/06 (2015.01)**

[25] EN
[54] **SPORTS SHAFT WITH STIFFENING BUMPER**

[54] **BATON DE SPORT DOTE D'UN PARECHOC RENFORCE**

[72] BERGERON, SIMON, CA
[72] DOWNING, TRAVIS, US
[72] ALLARD, ERIC, CA
[72] CHIASSON, JACQUES, CA
[71] SPORT MASKA INC., CA
[22] 2017-04-11
[41] 2017-10-14
[30] US (62/322,342) 2016-04-14

[21] **2,964,538**
[13] A1

[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01) E06B 3/46 (2006.01)**

[25] EN
[54] **RAIL-MOUNTED DOORS**

[54] **PORTES INSTALLEES SUR UN RAIL**

[72] HUYNH, NGOC L., CA
[71] 1925WORKBENCH LTD., CA
[22] 2017-04-13
[41] 2017-10-13
[30] US (62/322,034) 2016-04-13

[21] **2,964,547**
[13] A1

[51] **Int.Cl. E06B 1/70 (2006.01) E06B 3/46 (2006.01) E06B 7/14 (2006.01) E06B 7/26 (2006.01)**

[25] EN
[54] **SLIDING DOOR WEEP SILL ASSEMBLY**

[54] **ASSEMBLAGE DE SEUIL DE Suintement pour porte COULISSANTE**

[72] WILHELM, BRIAN, US
[72] DE LONAY, ROBIN T., US
[72] HINTZ, SCOTT, US
[72] BEYERL, TOM, US
[71] KOLBE & KOLBE MILLWORK CO., INC., US
[22] 2017-04-13
[41] 2017-10-14
[30] US (62/322370) 2016-04-14

[21] **2,964,579**
[13] A1

[51] **Int.Cl. F16L 3/26 (2006.01) E04B 5/48 (2006.01) F16L 1/024 (2006.01) F16L 7/00 (2006.01) F16L 9/153 (2006.01) F16L 9/18 (2006.01) F16L 37/56 (2006.01) H02G 3/04 (2006.01)**

[25] EN
[54] **PREFORMED DUCT ASSEMBLY**

[54] **ASSEMBLAGE DE CONDUIT PREFORME**

[72] PEARSON, MATTHEW, US
[72] LARSON, FRED, US
[71] FORTERRA PIPE & PRECAST, LLC, US
[22] 2017-04-18
[41] 2017-10-14
[30] US (62/322,451) 2016-04-14
[30] US (15/486,491) 2017-04-13

[21] **2,964,602**
[13] A1

[51] **Int.Cl. E21B 23/14 (2006.01) E21B 19/08 (2006.01) E21B 23/08 (2006.01) E21B 36/04 (2006.01)**

[25] EN
[54] **DEPLOYING MINERAL INSULATED CABLE DOWN-HOLE**

[54] **DEPLOIEMENT DE CABLE MINERAL ISOLE EN FOND DE TROU**

[72] MILLS, JIM A., US
[72] ECK, DAN, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2017-04-13
[41] 2017-10-14
[30] US (62/322,607) 2016-04-14
[30] US (15/486,423) 2017-04-13

[21] **2,964,811**
[13] A1

[51] **Int.Cl. G01V 3/08 (2006.01) E05B 47/00 (2006.01) G01R 33/07 (2006.01)**

[25] EN
[54] **DOOR POSITION SENSOR FOR AN ELECTROMAGNETIC DOOR LOCK**

[54] **CAPTEUR DE POSITION DE PORTE DESTINE A UNE SERRURE ELECTROMAGNETIQUE**

[72] CORWIN, LARRY GENE, JR., US
[72] JAY, DARIK, US
[71] HANCHETT ENTRY SYSTEMS INC., US
[22] 2017-04-13
[41] 2017-10-14
[30] US (62/322,344) 2016-04-14
[30] US (62/381,387) 2016-08-30

[21] **2,967,954**
[13] A1

[51] **Int.Cl. F21V 21/04 (2006.01) F21K 9/00 (2016.01) F21S 8/02 (2006.01) F21V 15/015 (2006.01) F21V 21/30 (2006.01)**

[25] EN
[54] **RECESSED LIGHT-EMITTING DIODE LIGHTING FIXTURE**

[54] **APPAREIL D'ECLAIRAGE ENCASTRE A DIODE ELECTROLUMINESCENTE**

[72] GEORGIEV, GEORGI Y., CA
[71] GEORGIEV, GEORGI Y., CA
[22] 2017-05-24
[41] 2017-10-11
[30] US (62/340,805) 2016-05-24

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,961,097**
[13] A1
[51] **Int.Cl. A61K 31/4545 (2006.01) A61K 9/00 (2006.01) A61K 9/22 (2006.01) A61K 9/50 (2006.01)**
[25] EN
[54] **ARIMOCLOMOL FORMULATION**
[54] **FORMULATION ARIMOCLOMOL**
[72] HINSBY, ANDERS MORKEBERG, DK
[72] JENSEN, THOMAS KIRKEGAARD, DK
[72] BOLWIG, GERT MADSS, DK
[72] CAMOZZI, CARLOS ROBERTO, DK
[71] ORPHAZYME APS, DK
[85] 2017-03-13
[86] 2015-09-15 (PCT/DK2015/050275)
[87] (WO2016/041561)
[30] DK (PA 2014 70566) 2014-09-15

[21] **2,961,107**
[13] A1
[51] **Int.Cl. B01J 2/06 (2006.01) A61J 3/00 (2006.01) A61K 9/14 (2006.01) A61K 9/51 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR PRODUCING NANOPARTICLES**
[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE NANOPARTICULES**
[72] HAEGGSTROM, EDWARD, FI
[72] YLIRUUSI, JOUKO, FI
[72] FALCK, KAI, FI
[72] RAIKKONEN, HEIKKI, FI
[72] PESSI, JENNI, FI
[72] LASSILA, ILKKA, FI
[72] MERILAINEN, ANTTI, FI
[71] NANOFORM FINLAND OY, FI
[85] 2017-03-13
[86] 2015-10-05 (PCT/FI2015/050664)
[87] (WO2016/055696)
[30] FI (20140266) 2014-10-06

[21] **2,961,185**
[13] A1
[51] **Int.Cl. E21B 47/005 (2012.01) G01N 21/552 (2014.01)**
[25] EN
[54] **MID-INFRARED CEMENT SENSOR**
[54] **CAPTEUR DE CIMENT A INFRAROUGE MOYEN**
[72] JONES, TIMOTHY, GB
[72] LAWRENCE, NATHAN, GB
[72] FUJISAWA, GO, GB
[72] CHAO, SHENG, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-03-13
[86] 2015-09-11 (PCT/US2015/049554)
[87] (WO2016/044070)
[30] GB (1416260.6) 2014-09-15

[21] **2,961,356**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/422 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4985 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS**
[72] SHI, SONGYUAN, US
[72] SPEVAK, WAYNE, US
[72] ZHANG, JIAZHONG, US
[71] PLEXXIKON INC., US
[85] 2017-03-14
[86] 2015-09-10 (PCT/US2015/049522)
[87] (WO2016/044067)
[30] US (62/050,723) 2014-09-15

[21] **2,961,378**
[13] A1
[51] **Int.Cl. A61K 36/53 (2006.01) A61K 31/25 (2006.01) A61K 36/534 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PLANT EXTRACTS FOR IMPROVING COGNITIVE FUNCTION**
[54] **EXTRAITS DE PLANTES POUR AMELIORER LA FONCTION COGNITIVE**
[72] CEDDIA, MICHAEL, US
[72] HERRLINGER, KELLI, US
[72] LEWIS, BRANDON, US
[72] NIEMAN, KRISTIN, US
[72] FENG, SHULIN, US
[71] KEMIN INDUSTRIES, INC., US
[85] 2017-03-14
[86] 2015-09-15 (PCT/US2015/050230)
[87] (WO2016/044299)
[30] US (62/050,563) 2014-09-15

PCT Applications Entering the National Phase

[21] **2,961,389**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR IMPROVING THE HEALTH RELATED QUALITY OF LIFE OF RHEUMATOID ARTHRITIS PATIENTS**

[54] **COMPOSITIONS POUR AMELIORER LA QUALITE DE VIE ASSOCIEE A LA SANTE DE PATIENT ATTEINTS DE POLYARTHRITE RHUMATOIDE**

[72] JOSEPH, GEORGE JOHNY, US
[72] VAN HOOGSTRATEN, HUBERT, US
[72] CHEN, CHIEH-I, US
[72] FAN, CHUNG PENG, US
[72] GRAHAM, NEIL, US
[72] MOMTAHEN, TANYA MARIE, US
[72] GENOVESE, MARK, US
[71] SANOFI BIOTECHNOLOGY, FR
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-03-14
[86] 2015-09-15 (PCT/US2015/050291)
[87] (WO2016/044343)
[30] EP (14306427.7) 2014-09-16

[21] **2,961,412**
[13] A1

[51] **Int.Cl. C07D 473/04 (2006.01) A61K 31/522 (2006.01)**

[25] EN

[54] **INHIBITING THE TRANSIENT RECEPTOR POTENTIAL A1 ION CHANNEL**

[54] **INHIBITION DE CANAL IONIQUE A POTENTIEL DE RECEPTEUR TRANSITOIRE A1**

[72] CHENARD, BERTAND L., US
[72] WU, XINYUAN, US
[71] HYDRA BIOSCIENCES, INC., US
[85] 2017-03-14
[86] 2015-09-18 (PCT/US2015/051063)
[87] (WO2016/044792)
[30] US (62/052,678) 2014-09-19

[21] **2,961,413**
[13] A1

[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/4178 (2006.01) A61K 31/421 (2006.01) A61K 31/454 (2006.01) A61K 31/497 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 413/14 (2006.01) C07D 487/14 (2006.01)**

[25] EN

[54] **INDAZOLE UREAS AND METHOD OF USE**

[54] **UREAS D'INDAZOLE ET PROCEDE D'UTILISATION**

[72] DAANEN, JEROME F., US
[72] DEGOEY, DAVID A., US
[72] FROST, JENNIFER M., US
[72] KOENIG, JOHN R., US
[72] LATSHAW, STEVE, US
[72] MATULENKO, MARK A., US
[72] SCANIO, MARC, US
[72] SHI, LEI, US
[72] BUNNELLE, WILLIAM H., US
[71] ABBVIE INC., US
[85] 2017-03-14
[86] 2015-09-16 (PCT/US2015/050369)
[87] (WO2016/044386)
[30] US (62/051,024) 2014-09-16
[30] US (14/854,433) 2015-09-15

[21] **2,961,422**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/506 (2006.01)**

[25] EN

[54] **IMIDAZO[4,5-C]PYRIDINE DERIVED SSAO INHIBITORS**

[54] **INHIBITEUR DE SSAO DERIVE D'IMIDAZO[4,5-C]PYRIDINE**

[72] ESPENSEN, MAX, GB
[72] PATIENT, LEE, GB
[72] SAVORY, EDWARD, GB
[71] PROXIMAGEN LIMITED, GB
[85] 2017-03-15
[86] 2015-09-17 (PCT/GB2015/052690)
[87] (WO2016/042331)
[30] GB (1416446.1) 2014-09-17

[21] **2,961,424**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/506 (2006.01)**

[25] EN

[54] **IMIDAZO[4,5-C]PYRIDINE DERIVED SSAO INHIBITORS**

[54] **INHIBITEURS D'UNE SSAO DERIVES D'UNE IMIDAZO[4,5-C]PYRIDINE**

[72] PATIENT, LEE, GB
[72] SIMPSON, IAIN, GB
[72] SAVORY, EDWARD, GB
[71] PROXIMAGEN LIMITED, GB
[85] 2017-03-15
[86] 2015-09-17 (PCT/GB2015/052691)
[87] (WO2016/042332)
[30] GB (1416444.6) 2014-09-17

[21] **2,961,516**
[13] A1

[51] **Int.Cl. G01N 15/00 (2006.01) G01M 15/10 (2006.01) G01N 1/22 (2006.01) G01N 15/06 (2006.01) G01N 21/61 (2006.01) G06M 11/00 (2006.01)**

[25] EN

[54] **PARTICULATE MATTER/NUMBER SYNCHRONIZATION MEASUREMENT DEVICE**

[54] **DISPOSITIF DE MESURE DE SYNCHRONISATION DE MATIERES PARTICULAIRES/DU NOMBRE PARTICULAIRE**

[72] MILLER, DAVID W., US
[72] HYND, JOHN WILLIAM, US
[72] SANDHU, GURDAS S., US
[72] BURNETTE, ANDREW D., US
[72] ROPKINS, KARL, GB
[71] 3DATX CORPORATION, US
[85] 2017-03-15
[86] 2015-09-18 (PCT/US2015/050950)
[87] (WO2016/044730)
[30] US (62/052,525) 2014-09-19

Demandes PCT entrant en phase nationale

[21] **2,961,528**
[13] A1

[51] **Int.Cl. A61K 31/575 (2006.01) A61K 9/00 (2006.01) A61K 31/4985 (2006.01) A61K 31/505 (2006.01) A61P 31/18 (2006.01)**

[25] EN

[54] **LONG ACTING PHARMACEUTICAL COMPOSITIONS**

[54] **COMPOSITIONS PHARMACEUTIQUES A ACTION PROLONGEE**

[72] JOHNS, BRIAN ALVIN, US

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB

[85] 2017-03-16

[86] 2015-09-24 (PCT/IB2015/057360)

[87] (WO2016/046786)

[30] US (62/055,779) 2014-09-26

[21] **2,961,531**
[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/506 (2006.01) A61P 9/10 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **SGC STIMULATORS**

[54] **STIMULATEURS DE LA SGC**

[72] PERL, NICHOLAS, US

[72] NAKAI, TAKASHI, US

[72] LEE, THOMAS WAI-HO, US

[72] RENNIE, GLEN ROBERT, US

[72] RENHOWE, PAUL ALLAN, US

[72] IYENGAR, RAJESH R., US

[71] IRONWOOD PHARMACEUTICALS, INC., US

[85] 2017-03-15

[86] 2015-09-16 (PCT/US2015/050458)

[87] (WO2016/044441)

[30] US (62/051,620) 2014-09-17

[30] US (62/204,672) 2015-08-13

[21] **2,961,585**
[13] A1

[51] **Int.Cl. C07D 307/68 (2006.01)**

[25] EN

[54] **USE OF BROMINE IONS IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**

[54] **UTILISATION D'IONS DE BROME DANS LA PRODUCTION D'ACIDE 2,5 FURANE DICARBOXYLIQUE**

[72] ADAMIAN, VICTOR A., US

[72] BINDER, JOSEPH B., US

[72] SHEA, RYAN, US

[71] BP CORPORATION NORTH AMERICA INC., US

[85] 2017-03-15

[86] 2015-10-07 (PCT/US2015/054417)

[87] (WO2016/057628)

[30] US (62/061,859) 2014-10-09

[21] **2,961,604**
[13] A1

[51] **Int.Cl. C07C 2/84 (2006.01) B01J 21/06 (2006.01) B01J 23/04 (2006.01) B01J 23/06 (2006.01) B01J 23/26 (2006.01) B01J 23/30 (2006.01) B01J 23/34 (2006.01) B01J 23/745 (2006.01)**

[25] EN

[54] **SULFUR AS A SELECTIVE OXIDANT IN OXIDATIVE HYDROCARBON PROCESSING OVER OXIDE/CHALCOGENIDE CATALYSTS**

[54] **SOUFRE UTILISE COMME OXYDANT SELECTIF DANS LE TRAITEMENT D'HYDROCARBURES PAR OXYDATION SUR DES CATALYSEURS DE TYPE OXYDE OU CHALCOGENURE**

[72] MARKS, TOBIN J., US

[72] PETER, MATTHIAS, US

[71] NORTHWESTERN UNIVERSITY, US

[85] 2017-03-15

[86] 2016-02-19 (PCT/US2016/018756)

[87] (WO2016/134305)

[30] US (62/176,486) 2015-02-19

[21] **2,961,609**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **ANTI-CD276 ANTIBODIES (B7H3)**

[54] **ANTICORPS ANTI-CD276 (B7H3)**

[72] DIMITROV, DIMITER S., US

[72] ZHU, ZHONGYU, US

[72] ST. CROIX, BRADLEY, US

[72] SEAMAN, STEVEN, US

[72] SAHA, SAURABH, US

[72] ZHANG, XIAOYAN MICHELLE, US

[72] DECRESCENZO, GARY A., US

[72] WELSCH, DEAN, US

[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

[71] BIOMED VALLEY DISCOVERIES, INC., US

[85] 2017-03-16

[86] 2015-09-16 (PCT/US2015/050365)

[87] (WO2016/044383)

[30] US (62/051,650) 2014-09-17

[21] **2,961,740**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/497 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **N-PYRIDINYL ACETAMIDE DERIVATIVES AS WNT SIGNALLING PATHWAY INHIBITORS**

[54] **DERIVES N-PYRIDINYL ACETAMIDE COMME INHIBITEURS DE LA OIE DE SIGNALISATION WNT**

[72] BHAMRA, INDER, GB

[72] MATHIESON, MICHAEL, GB

[72] DONOGHUE, CRAIG, GB

[72] TESTAR, RICHARD, GB

[71] REDX PHARMA PLC, GB

[85] 2017-03-17

[86] 2015-10-08 (PCT/GB2015/052943)

[87] (WO2016/055790)

[30] GB (1417832.1) 2014-10-08

[30] GB (1512279.9) 2015-07-14

PCT Applications Entering the National Phase

[21] **2,961,745**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4545 (2006.01) A61P 9/12 (2006.01) A61P 27/06 (2006.01) C07D 405/14 (2006.01)**

[25] EN

[54] **NOVEL SOLUBLE GUANYLATE CYCLASE ACTIVATORS AND THEIR USE**

[54] **NOUVEAUX ACTIVEURS DE LA GUANYLATE CYCLASE SOLUBLE ET LEUR UTILISATION**

[72] BOUILLOT, ANNE MARIE JEANNE, FR

[72] DODIC, NERINA, FR

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB

[85] 2017-03-17

[86] 2015-09-18 (PCT/IB2015/057219)

[87] (WO2016/042536)

[30] US (62/052,537) 2014-09-19

[21] **2,961,773**
[13] A1

[51] **Int.Cl. C10J 3/22 (2006.01)**

[25] EN

[54] **THREE-ZONE GASIFIER AND METHOD FOR OPERATING SUCH A GASIFIER IN ORDER TO THERMALLY CONVERT BYPRODUCTS AND WASTE MATERIALS**

[54] **GAZEIFIEUR A 3 ZONES ET PROCEDE DE FONCTIONNEMENT D'UN TEL GAZEIFIEUR POUR LA TRANSFORMATION THERMIQUE DE DECHETS ET DE RESIDUS**

[72] STREITENBERGER, HARTWIG, DE

[72] KABIS, ANDRE, DE

[72] STOBER, REINHARD, DE

[72] ZEPTER, JOHANNES, DE

[72] WILFER, ROBERT, DE

[71] RECOM PATENT & LICENSE GMBH, DE

[85] 2017-03-17

[86] 2014-08-21 (PCT/DE2014/000438)

[87] (WO2015/039640)

[30] DE (10 2013 015 920.2) 2013-09-20

[21] **2,961,781**
[13] A1

[51] **Int.Cl. C07D 209/34 (2006.01) A61K 31/404 (2006.01) A61K 31/4155 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) C07D 401/06 (2006.01) C07D 403/10 (2006.01)**

[25] EN

[54] **INDOLINONE COMPOUNDS AND USES THEREOF**

[54] **COMPOSES D'INDOLINONE ET LEURS UTILISATIONS**

[72] VERNIER, JEAN-MICHEL, US

[71] ONCTERNAL THERAPEUTICS, INC., US

[85] 2017-03-17

[86] 2015-10-07 (PCT/US2015/054533)

[87] (WO2016/057698)

[30] US (62/062,086) 2014-10-09

[21] **2,961,793**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **QUINOLINONE PYRIMIDINES COMPOSITIONS AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**

[54] **COMPOSITIONS DE QUINOLEINONE PYRIMIDINES EN TANT QU'INHIBITEURS D'ISOCITRATE DESHYDROGENASE MUTANTE**

[72] ASHWELL, SUSAN, US

[72] CAMPBELL, ANN-MARIE, US

[72] CARAVELLA, JUSTIN ANDREW, US

[72] DIEBOLD, R. BRUCE, US

[72] ERICSSON, ANNA, US

[72] GUSTAFSON, GARY, US

[72] LANCIA, DAVID R., US

[72] LIN, JIAN, US

[72] LU, WEI, US

[72] WANG, ZHONGGUO, US

[71] FORMA THERAPEUTICS, INC., US

[85] 2017-03-17

[86] 2015-09-18 (PCT/US2015/051044)

[87] (WO2016/044781)

[30] US (62/053,010) 2014-09-19

[21] **2,961,807**
[13] A1

[51] **Int.Cl. C07D 215/227 (2006.01) A61K 31/4704 (2006.01) A61K 31/4709 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01)**

[25] EN

[54] **PHENYL QUINOLINONE DERIVATIVES AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**

[54] **DERIVES DE PHENYLQUINOLEINONE EN TANT QU'INHIBITEURS D'ISOCITRATE DESHYDROGENASE MUTANTE**

[72] ASHWELL, SUSAN, US

[72] CAMPBELL, ANN-MARIE, US

[72] CARAVELLA, JUSTIN ANDREW, US

[72] DIEBOLD, R. BRUCE, US

[72] ERICSSON, ANNA, US

[72] GUSTAFSON, GARY, US

[72] LANCIA, DAVID R., US

[72] LIN, JIAN, US

[72] LU, WEI, US

[72] WANG, ZHONGGUO, US

[71] FORMA THERAPEUTICS, INC., US

[85] 2017-03-17

[86] 2015-09-18 (PCT/US2015/051046)

[87] (WO2016/044782)

[30] US (62/053,006) 2014-09-19

[30] US (62/128,089) 2015-03-04

[30] US (62/206,631) 2015-08-18

Demandes PCT entrant en phase nationale

[21] **2,961,811**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4704 (2006.01) A61K 31/4709 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **PYRIDINYL QUINOLINONE DERIVATIVES AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**

[54] **DERIVE DE PYRIDINYLQUINOLINONE EN TANT QU'INHIBITEURS DE L'ISOCITRATE DESHYDROGENASE MUTANTE**

[72] ASHWELL, SUSAN, US
[72] CAMPBELL, ANN-MARIE, US
[72] CARAVELLA, JUSTIN ANDREW, US
[72] DIEBOLD, R. BRUCE, US
[72] ERICSSON, ANNA, US
[72] GUSTAFSON, GARY, US
[72] LANCIA, DAVID R., US
[72] LIN, JIAN, US
[72] LU, WEI, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051053)
[87] (WO2016/044787)
[30] US (62/053,006) 2014-09-19
[30] US (62/128,089) 2015-03-04
[30] US (62/150,819) 2015-04-21

[21] **2,961,817**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4704 (2006.01) A61K 31/4709 (2006.01) A61K 31/497 (2006.01) A61K 31/498 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **PYRIDIN-2(1H)-ONE QUINOLINONE DERIVATIVES AS MUTANT-ISOCITRATE DEHYDROGENASE INHIBITORS**

[54] **DERIVES DE PYRIDIN-2-(1H)-ONE-QUINOLINONE A TITRE D'INHIBITEURS D'ISOCITRATE DESHYDROGENASE MUTANTE**

[72] ASHWELL, SUSAN, US
[72] CAMPBELL, ANN-MARIE, US
[72] CARAVELLA, JUSTIN ANDREW, US
[72] DIEBOLD, R. BRUCE, US
[72] ERICSSON, ANNA, US
[72] GUSTAFSON, GARY, US
[72] LANCIA, DAVID R., US
[72] LIN, JIAN, US
[72] LU, WEI, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051055)
[87] (WO2016/044789)
[30] US (62/053,006) 2014-09-19
[30] US (62/128,089) 2015-03-04
[30] US (62/150,812) 2015-04-21

[21] **2,961,866**
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/06 (2006.01) A61K 9/107 (2006.01) A61K 47/32 (2006.01) A61Q 19/00 (2006.01)**

[25] FR

[54] **COSMETIC AND/OR PHARMACEUTICAL COMPOSITION IN THE FORM OF A DISPERSION, METHOD FOR PREPARING SAME AND USE THEREOF FOR SKIN TREATMENT**

[54] **COMPOSITION COSMETIQUE ET/OU PHARMACEUTIQUE SOUS FORME DE DISPERSION, PROCEDE DE PREPARATION ET UTILISATION POUR LE TRAITEMENT DE LA PEAU**

[72] BIDAN, CATHERINE, FR
[72] CELLIER, DOMINIQUE, FR
[72] RATTIER, SANDY, FR
[72] MOULIS, LAURE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2017-03-20
[86] 2015-09-30 (PCT/FR2015/052615)
[87] (WO2016/051086)
[30] FR (1459434) 2014-10-02

[21] **2,961,829**
[13] A1

[51] **Int.Cl. A61K 47/60 (2017.01) A61K 9/107 (2006.01) A61K 9/14 (2006.01) A61K 47/12 (2006.01) A61K 47/26 (2006.01)**

[25] EN

[54] **PRE-SPRAY EMULSIONS AND POWDERS CONTAINING NON-POLAR COMPOUNDS**

[54] **PRE-EMULSIONS DE PULVERISATION ET POUDES CONTENANT DES COMPOSES NON POLAIRES**

[72] BROMLEY, PHILIP J., US
[71] VIRUN, INC., US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051097)
[87] (WO2016/044813)
[30] US (62/052,450) 2014-09-18
[30] US (62/052,433) 2014-09-18

PCT Applications Entering the National Phase

[21] **2,961,870**
[13] A1

[51] **Int.Cl. C07D 213/74 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/675 (2006.01) A61K 31/7052 (2006.01) C07D 239/47 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 453/02 (2006.01) C07F 9/58 (2006.01) C07H 15/08 (2006.01)**

[25] EN

[54] **DIARYL UREA DERIVATIVES AS P38 KINASE INHIBITORS**

[54] **DERIVES DE DIARYLE-UREE EN TANT QU'INHIBITEURS DE KINASE P38**

[72] BAKER, THOMAS MATTHEW, GB
[72] FYFE, MATTHEW COLIN THOR, GB
[72] JONES, GERAINT, GB
[72] THOM, STEPHEN MALCOLM, GB
[71] RESPIVERT LIMITED, GB
[71] TOPIVERT PHARMA LIMITED, GB
[85] 2017-03-20
[86] 2015-10-01 (PCT/GB2015/052876)
[87] (WO2016/051187)
[30] GB (1417344.7) 2014-10-01
[30] GB (1510694.1) 2015-06-18

[21] **2,961,961**
[13] A1

[51] **Int.Cl. C07C 17/38 (2006.01) C07C 17/02 (2006.01) C07C 17/04 (2006.01)**

[25] EN

[54] **A METHOD TO IMPROVE HALOGENATION REACTIONS**

[54] **PROCEDE D'AMELIORATION DE REACTIONS D'HALOGENATION**

[72] YANG, TERRIS, US
[72] TUNG, HSUEH SUNG, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2017-03-20
[86] 2015-10-05 (PCT/US2015/053950)
[87] (WO2016/057373)
[30] US (62/060,272) 2014-10-06
[30] US (14/873,346) 2015-10-02

[21] **2,962,044**
[13] A1

[51] **Int.Cl. C07C 251/08 (2006.01) C07C 249/02 (2006.01) C08G 59/50 (2006.01)**

[25] EN

[54] **KETIMINES OF BENZYLATED POLYAMINES AS CURING AGENTS**

[54] **CETIMINES DE POLYAMINES BENZYLEES EN TANT QU'AGENTS DE DURCISSEMENT**

[72] MINNICH, KRISTEN ELAINE, US
[72] RUFO, MARCELO, BR
[72] VEDAGE, GAMINI ANANDA, US
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-03-21
[86] 2015-09-22 (PCT/US2015/051405)
[87] (WO2016/048998)
[30] US (62/053,370) 2014-09-22

[21] **2,962,095**
[13] A1

[51] **Int.Cl. C10G 2/00 (2006.01) B01J 29/40 (2006.01)**

[25] EN

[54] **FORMING LIGHT HYDROCARBONS**

[54] **FORMATION D'HYDROCARBURES LEGRS**

[72] MALEK, ANDRZEJ, US
[72] DAVIDIAN, THOMAS, NL
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-03-21
[86] 2015-09-21 (PCT/US2015/051234)
[87] (WO2016/048900)
[30] US (62/053,922) 2014-09-23

[21] **2,962,214**
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/145 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **VACCINATION OF IMMUNOCOMPROMISED SUBJECTS**

[54] **VACCINATION DE SUJETS IMMUNODEPRIMES**

[72] DEL GIUDICE, GIUSEPPE, GB
[72] RAPPUOLI, RINO, GB
[72] BLACK, STEVEN, GB
[72] NICOLAY, UWE, GB
[71] SEQIRUS UK LIMITED, GB
[85] 2017-03-22
[86] 2015-09-25 (PCT/IB2015/057388)
[87] (WO2016/046799)
[30] US (62/056,019) 2014-09-26
[30] EP (14192174.2) 2014-11-06
[30] US (62/149,351) 2015-04-17

[21] **2,962,225**
[13] A1

[51] **Int.Cl. A61K 39/135 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **FMDV RECOMBINANT VACCINES AND USES THEREOF**

[54] **VACCINS DE RECOMBINAISON FMDV ET LEURS UTILISATIONS**

[72] AUDONNET, JEAN-CHRISTOPHE, FR
[72] HANNAS-DJEBBARA, ZAHIA, FR
[72] MEBATSION, TESHOME, US
[72] CHIANG, YU-WEI, US
[72] WIDENER, JUSTIN, US
[72] REYNARD, FREDERIC, FR
[71] Merial Inc., US
[85] 2017-03-22
[86] 2015-09-23 (PCT/US2015/051755)
[87] (WO2016/049209)
[30] US (62/054,073) 2014-09-23

Demandes PCT entrant en phase nationale

[21] **2,962,271**
[13] A1

[51] **Int.Cl. C10G 53/04 (2006.01) B01D 17/02 (2006.01) B01D 17/04 (2006.01) C10G 31/08 (2006.01) C10G 33/02 (2006.01) C10G 33/04 (2006.01)**

[25] EN

[54] **PROCESSES FOR DESALTING CRUDE OIL UNDER DYNAMIC FLOW CONDITIONS**

[54] **PROCEDES DE DESSALAGE DU PETROLE BRUT DANS DES CONDITIONS D'ECOULEMENT DYNAMIQUE**

[72] ADAMSKI, ROBERT PAUL, US

[72] KINI, GAUTAM CHANDRAKANTH, US

[72] SHANKAR, SANTHOSH KUMAR, US

[72] BETHKE, GREGORY KENT, US

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2017-03-22

[86] 2015-10-05 (PCT/US2015/053922)

[87] (WO2016/057360)

[30] US (62/060,253) 2014-10-06

[21] **2,962,273**
[13] A1

[51] **Int.Cl. A61K 6/02 (2006.01) A61K 6/08 (2006.01) A61K 6/087 (2006.01) A61K 9/00 (2006.01) A61K 9/50 (2006.01) C01F 11/00 (2006.01)**

[25] EN

[54] **BONDABLE MICROCAPSULES AND SURFACE FUNCTIONALIZED FILLERS**

[54] **MICROCAPSULES POUVANT ETRE LIEES ET CHARGES FONCTIONNALISEES A LA SURFACE**

[72] GROSS, STEPHEN M., US

[72] MCHALE, WILLIAM A., US

[72] LATTA, MARK A., US

[71] PREMIER DENTAL PRODUCTS COMPANY, US

[85] 2017-03-22

[86] 2015-09-24 (PCT/US2015/051931)

[87] (WO2016/049308)

[30] US (62/055,127) 2014-09-25

[21] **2,962,326**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **NOVEL COMPOUNDS**

[54] **NOUVEAUX COMPOSES**

[72] ANDERSON, NIALL ANDREW, GB

[72] CAMPBELL-CRAWFORD, MATTHEW HOWARD JAMES, GB

[72] HANCOCK, ASHLEY PAUL, GB

[72] PRITCHARD, JOHN MARTIN, GB

[72] REDMOND, JOANNA MARY, GB

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB

[85] 2017-03-23

[86] 2015-09-22 (PCT/EP2015/071777)

[87] (WO2016/046226)

[30] GB (1417011.2) 2014-09-26

[21] **2,962,327**
[13] A1

[51] **Int.Cl. C07D 207/325 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C01B 32/00 (2017.01) C01B 32/15 (2017.01) C01B 32/182 (2017.01) C01B 32/20 (2017.01)**

[25] EN

[54] **ADDUCTS BETWEEN CARBON ALLOTROPES AND SERINOL DERIVATIVES**

[54] **PRODUITS D'ADDITION ENTRE ALLOTROPES DE CARBONE ET DERIVES DE SERINOL**

[72] GALIMBERTI, MAURIZIO STEFANO, IT

[72] BARBERA, VINCENZINA, IT

[72] SEBASTIANO, ROBERTO, IT

[72] VALERIO, ANTONIO MARCO, IT

[72] LEONARDI, GABRIELLA, IT

[72] CITTERIO, ATTILIO, IT

[71] PIRELLI TYRE S.P.A., IT

[71] POLITECNICO DI MILANO, IT

[85] 2017-03-23

[86] 2015-09-30 (PCT/EP2015/072641)

[87] (WO2016/050887)

[30] IT (MI2014A001714) 2014-10-01

[21] **2,962,344**
[13] A1

[51] **Int.Cl. C10G 32/02 (2006.01) C22C 1/02 (2006.01) C22C 9/04 (2006.01) C22F 1/08 (2006.01) F02M 27/04 (2006.01) F17D 1/16 (2006.01)**

[25] EN

[54] **DEVICE FOR LOWERING THE POUR POINT OF CRUDE OIL OR HEAVY FUEL OIL**

[54] **DISPOSITIF PERMETTANT D'ABAISSER LE POINT D'ECOULEMENT DE PETROLE BRUT OU DE MAZOUT LOURD**

[72] DRVAR, ANTUN, HR

[71] DRVAR, ANTUN, HR

[85] 2017-03-23

[86] 2015-09-24 (PCT/HR2015/000017)

[87] (WO2016/046578)

[30] HR (P20140917A) 2014-09-25

[21] **2,962,429**
[13] A1

[51] **Int.Cl. C07D 498/08 (2006.01) A61K 31/5386 (2006.01) A61P 25/18 (2006.01)**

[25] EN

[54] **CRYSTALLINE FORM OF 1-(1-METHYL-1H-PYRAZOL-4-YL)-N-((1R,5S,7S)-9-METHYL-3-OXA-9-AZABICYCLO[3.3.1]NONAN-7-YL)-1H-INDOLE-3-CARBOXAMIDE**

[54] **FORME CRISTALLINE DE 1-(1-METHYL-1H-PYRAZOL-4-YL)-N-((1R,5S,7S)-9-METHYL-3-OXA-9-AZABICYCLO[3.3.1]NONAN-7-YL)-1H-INDOLE-3-CARBOXAMIDE**

[72] ZHAO, YUXIN, US

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2017-03-23

[86] 2015-09-29 (PCT/US2015/052806)

[87] (WO2016/053947)

[30] US (62/056,982) 2014-09-29

PCT Applications Entering the National Phase

[21] **2,962,542**
[13] A1

[51] **Int.Cl. C07D 211/70 (2006.01) A61K 8/49 (2006.01) A61K 31/44 (2006.01) A61P 17/16 (2006.01) A61Q 17/04 (2006.01) C07D 211/72 (2006.01)**

[25] EN

[54] **PHOTOSTABLE COMPOUNDS, ABSORBING COMPOUNDS AND USES THEREOF**

[54] **COMPOSES PHOTOSTABLES, COMPOSES ABSORBANTS ET UTILISATIONS ASSOCIEES**

[72] RYAN, JOHN, AU
[72] YORK, MARK, AU

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU

[85] 2017-03-29
[86] 2016-11-28 (PCT/AU2016/051162)
[87] (2962542)
[30] AU (2015904932) 2015-11-27

[21] **2,962,580**
[13] A1

[51] **Int.Cl. G01N 29/24 (2006.01) G01N 29/28 (2006.01) G01S 7/521 (2006.01)**

[25] FR

[54] **METHOD FOR WETTING A SONOTRODE**

[54] **PROCEDE DE MOUILLAGE D'UNE SONOTRODE**

[72] ACHARD, JEAN-LOUIS, FR
[72] JARRY, PHILIPPE, FR
[71] CONSTELLIUM ISSOIRE, FR

[85] 2017-03-24
[86] 2015-10-06 (PCT/FR2015/052679)
[87] (WO2016/055728)
[30] FR (1402256) 2014-10-07

[21] **2,962,587**
[13] A1

[51] **Int.Cl. G01N 29/28 (2006.01) G01N 29/036 (2006.01) G01N 33/20 (2006.01) G01S 15/88 (2006.01)**

[25] FR

[54] **METHOD FOR INSPECTING A LIQUID METAL BY ULTRASOUNDS**

[54] **PROCEDE DE CONTROLE PAR ULTRASONS D'UN METAL LIQUIDE**

[72] ACHARD, JEAN-LOUIS, FR
[72] LE BRUN, PIERRE, FR
[71] CONSTELLIUM ISSOIRE, FR

[85] 2017-03-24
[86] 2015-10-06 (PCT/FR2015/052680)
[87] (WO2016/055729)
[30] FR (1402257) 2014-10-07

[21] **2,962,597**
[13] A1

[51] **Int.Cl. C07C 275/28 (2006.01) A61K 31/17 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **SOLID DRUG FORM OF N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-((1-(4-(DIMETHYLAMINO)PHENYL)CYCLOPENTYL) METHYL)UREA HYDROCHLORIDE AND COMPOSITIONS, METHODS AND KITS RELATED THERETO**

[54] **FORME MEDICAMENTEUSE SOLIDE DU CHLORHYDRATE DE N-(2,6-BIS(1-METHYLETHYL)PHENYL)-N'-((1-(4-(DIMETHYLAMINO)PHENYL)CYCLOPENTYL)METHYL)UREE ET COMPOSITIONS, PROCEDES ET KITS S'Y RAPPORTANT**

[72] MATUNAS, ROBERT, US
[72] CHEN, HERMAN, US
[72] BETANCOURT, AIMESTHER, CA
[72] UZARAMA, CHARLES, CA
[72] THIBERT, ROCH, CA
[71] MILLENDO THERAPEUTICS, INC., US

[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052338)
[87] (WO2016/049518)
[30] US (62/055,964) 2014-09-26
[30] US (62/086,153) 2014-12-01

[21] **2,962,605**
[13] A1

[51] **Int.Cl. C07D 307/68 (2006.01)**

[25] EN

[54] **USE OF AN ACIDIC SOLVENT AND WATER IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**

[54] **UTILISATION D'UN SOLVANT ACIDE ET D'EAU DANS LA PRODUCTION D'ACIDE 2,5 FURANE DICARBOXYLIQUE**

[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US

[85] 2017-03-24
[86] 2015-10-07 (PCT/US2015/054501)
[87] (WO2016/057673)
[30] US (62/061,843) 2014-10-09

[21] **2,962,614**
[13] A1

[51] **Int.Cl. C07D 307/68 (2006.01)**

[25] EN

[54] **USE OF REACTANTS IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**

[54] **UTILISATION DE REACTIFS DANS LE CADRE DE LA PRODUCTION D'ACIDE 2,5-FURANE DICARBOXYLIQUE**

[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US

[85] 2017-03-24
[86] 2015-10-07 (PCT/US2015/054514)
[87] (WO2016/057682)
[30] US (62/061,848) 2014-10-09

[21] **2,962,622**
[13] A1

[51] **Int.Cl. C07D 307/68 (2006.01)**

[25] EN

[54] **USE OF HALOGENS IN THE PRODUCTION OF 2,5-FURANDICARBOXYLIC ACID**

[54] **UTILISATION D'HALOGENES DANS LE CADRE DE LA PRODUCTION D'ACIDE 2,5-FURANE DICARBOXYLIQUE**

[72] ADAMIAN, VICTOR A., US
[72] BINDER, JOSEPH B., US
[72] SHEA, RYAN, US
[71] BP CORPORATION NORTH AMERICA INC., US

[85] 2017-03-24
[86] 2015-10-07 (PCT/US2015/054519)
[87] (WO2016/057687)
[30] US (62/061,870) 2014-10-09

Demandes PCT entrant en phase nationale

[21] **2,968,142**
[13] A1

[51] **Int.Cl. B60T 17/08 (2006.01)**
[25] EN
[54] **BRAKE CYLINDER DUST COVER AND WATERPROOF BRAKE CYLINDER USING SUCH DUST COVER**

[54] **PARE-POUSSIÈRE DE CYLINDRE DE FREIN ET CYLINDRE DE FREIN A L'ÉPREUVE DE L'EAU COMPORTANT UN TEL PARE-POUSSIÈRE**

[72] LIU, YI, CN
[72] LI, GUO, CN
[72] XIAO, CHEN, CN
[72] SHEN, JIANHONG, CN
[72] AN, HONG, CN
[72] XIAO, WEIYUAN, CN
[72] LV, CHAO, CN
[72] QUAN, QIONG, CN
[72] DU, XIA, CN
[72] WEI, XUELI, CN
[72] SHI, YUNXIAO, CN
[72] LV, LIANG, CN
[72] ZHANG, JUNYING, CN
[72] WANG, QIN, CN
[72] WANG, KAIEN, CN
[72] MAO, FUYING, CN
[71] MEISHAN CRRC BRAKE SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2017-05-24
[86] 2016-09-29 (PCT/CN2016/100735)
[87] (2968142)
[30] CN (2016203040999) 2016-04-13
[30] CN (2016105877324) 2016-07-25

[21] **2,971,758**
[13] A1

[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/26 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **ROTARY CHANGER**
[54] **APPAREIL D'ÉCHANGE ROTATIF**

[72] HUYNH, HUU THINH, JP
[72] MARAKKALA MANAGE, ANURA SILVA, JP
[71] TIPMAN CO., LTD., JP
[85] 2017-06-23
[86] 2016-11-24 (PCT/JP2016/084855)
[87] (2971758)
[30] JP (2016-079019) 2016-04-11

[21] **2,972,841**
[13] A1

[51] **Int.Cl. C07C 29/151 (2006.01) C10J 3/72 (2006.01) C10L 1/02 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **INTEGRATED TECHNIQUES FOR PRODUCING BIO-METHANOL**

[54] **TECHNIQUES INTEGREGES DE PRODUCTION DE BIOMETHANOL**

[72] MACGREGOR, NORMAN J., CA
[71] ULTRA CLEAN ECOLENE INC., CA
[85] 2017-07-20
[86] 2017-02-15 (PCT/CA2017/050192)
[87] (2972841)
[30] US (62/332,743) 2016-05-06

[21] **2,974,468**
[13] A1

[51] **Int.Cl. F24F 3/147 (2006.01) B01D 53/26 (2006.01) F24F 12/00 (2006.01) F24F 13/30 (2006.01) F28D 21/00 (2006.01) F28F 7/00 (2006.01) F28F 21/06 (2006.01)**
[25] EN
[54] **ENTHALPY EXCHANGER ELEMENT, ENTHALPY EXCHANGER COMPRISING SUCH ELEMENTS AND METHOD FOR THEIR PRODUCTION**

[54] **ELEMENT D'ÉCHANGEUR ENTHALPIQUE, ÉCHANGEUR ENTHALPIQUE COMPORTANT DE TELS ÉLÉMENTS ET LEUR PROCÉDE DE PRODUCTION**

[72] HIRSCH, CHRISTIAN, DE
[72] BRANDT, STEFAN, DE
[72] BIER, CHRISTIAN, DE
[72] MAYERSHOFER, MARTIN, DE
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
[71] SYMPATEX TECHNOLOGIES GMBH, DE
[85] 2017-07-20
[86] 2016-01-22 (PCT/IB2016/000041)
[87] (WO2016/116806)
[30] EP (15000189.9) 2015-01-23
[30] EP (15001039.5) 2015-04-11

[21] **2,974,835**
[13] A1

[51] **Int.Cl. B05B 12/14 (2006.01) B05B 7/02 (2006.01) B05B 7/24 (2006.01)**
[25] EN
[54] **SPRAY TOOL SYSTEM**
[54] **SYSTEME D'OUTIL DE PULVERISATION**

[72] HOOPER, JUSTIN RICHARD, US
[72] GUERNSEY, JONATHAN JEAN, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2017-07-24
[86] 2016-02-05 (PCT/US2016/016855)
[87] (WO2016/127106)
[30] US (62/112,564) 2015-02-05

[21] **2,974,962**
[13] A1

[51] **Int.Cl. A61L 27/54 (2006.01) A61L 27/34 (2006.01) A61L 29/08 (2006.01) A61L 29/16 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **DELIVERY OF HYDROPHOBIC ACTIVE AGENT PARTICLES**

[54] **ADMINISTRATION DE PARTICULES D'UN AGENT ACTIF HYDROPHOBE**

[72] SLAGER, JORAM, US
[72] HEYER, TONI M., US
[72] BABCOCK, DAVID E., US
[71] SURMODICS, INC., US
[85] 2017-07-25
[86] 2016-01-29 (PCT/US2016/015644)
[87] (WO2016/123480)
[30] US (14/609,270) 2015-01-29

[21] **2,975,015**
[13] A1

[51] **Int.Cl. B07B 7/12 (2006.01) B06B 3/00 (2006.01)**
[25] EN
[54] **ACOUSTIC SEPARATING APPARATUS**
[54] **APPAREIL DE SEPARATION ACOUSTIQUE**

[72] BERSE, MICHAEL, DE
[72] TIMMER, GUIDO, DE
[72] SCHIEFER, PATRIK, DE
[71] ZBV-AUTOMATION GMBH, DE
[85] 2017-07-26
[86] 2016-01-29 (PCT/EP2016/051901)
[87] (WO2016/120439)
[30] DE (102015201683.8) 2015-01-30

PCT Applications Entering the National Phase

[21] **2,975,042**
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **MASS EXCHANGE APPARATUS AND METHODS FOR THE USE THEREOF**
[54] **APPAREIL D'ECHANGE DE MASSE ET SES PROCEDES D'UTILISATION**
[72] JOHNS, WILLIAM R, GB
[72] EVANS, ALAN F, GB
[72] KNIGHT, RONALD K, GB
[71] HAEMAIR LIMITED, GB
[85] 2017-07-26
[86] 2016-01-18 (PCT/GB2016/050098)
[87] (WO2016/120591)
[30] GB (1501411.1) 2015-01-28

[21] **2,975,108**
[13] A1

[51] **Int.Cl. B01J 23/46 (2006.01) B01D 53/94 (2006.01) B01J 23/42 (2006.01) B01J 23/44 (2006.01) B01J 35/10 (2006.01) B01J 37/04 (2006.01) B01J 37/08 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **PLATINUM GROUP METAL (PGM) CATALYSTS FOR AUTOMOTIVE EMISSIONS TREATMENT**
[54] **CATALYSEURS A METAL DU GROUPE DU PLATINE (PGM) POUR TRAITEMENT DES EMISSIONS AUTOMOBILES**
[72] KARPOV, ANDREY, DE
[72] PRELI, DAVID, US
[72] WASSERMANN, KNUT, US
[72] SUNDERMANN, ANDREAS, DE
[72] CHOI, SANG-IL, US
[72] LU, PING, US
[72] XIA, YOUNAN, US
[71] BASF CORPORATION, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2017-07-26
[86] 2016-01-29 (PCT/US2016/015741)
[87] (WO2016/123534)
[30] US (62/109,489) 2015-01-29

[21] **2,975,391**
[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/82 (2013.01) A61F 2/88 (2006.01) A61L 31/10 (2006.01)**
[25] EN
[54] **LAYERED MEDICAL APPLIANCES AND METHODS**
[54] **APPAREILS MEDICAUX EN COUCHES ET PROCEDES**
[72] HALL, JOHN, US
[72] MOWER, WAYNE, US
[72] SIMMONS, RACHEL, US
[72] DOLMATCH, BART, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2017-07-28
[86] 2016-02-25 (PCT/US2016/019487)
[87] (WO2016/138221)
[30] US (62/121,187) 2015-02-26

[21] **2,975,394**
[13] A1

[51] **Int.Cl. B01J 23/46 (2006.01) B01D 53/94 (2006.01) B01J 23/44 (2006.01) B01J 35/08 (2006.01) B01J 37/04 (2006.01) B01J 37/16 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **RHODIUM-CONTAINING CATALYSTS FOR AUTOMOTIVE EMISSIONS TREATMENT**
[54] **CATALYSEURS CONTENANT DU RHODIUM POUR LE TRAITEMENT D'EMISSIONS D'AUTOMOBILES**
[72] KARPOV, ANDREY, DE
[72] PRELI, DAVID, US
[72] WASSERMANN, KNUT, US
[72] SUNDERMANN, ANDREAS, DE
[72] CHOI, SANG-IL, US
[72] XIA, YOUNAN, US
[71] BASF CORPORATION, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2017-07-28
[86] 2016-01-29 (PCT/US2016/015722)
[87] (WO2016/123523)
[30] US (62/109,500) 2015-01-29

[21] **2,975,496**
[13] A1

[51] **Int.Cl. A01M 7/00 (2006.01) B05B 9/04 (2006.01) B05B 12/14 (2006.01) F04B 41/02 (2006.01)**
[25] FR
[54] **DISPENSING DEVICE FOR AGRICULTURAL SPRAYER**
[54] **DISPOSITIF DE DISTRIBUTION POUR UN PULVERISATEUR AGRICOLE**
[72] CHARCOSSET, PHILIPPE, FR
[72] CARRA, YVES, FR
[71] EXEL INDUSTRIES, FR
[85] 2017-07-31
[86] 2016-02-03 (PCT/FR2016/050224)
[87] (WO2016/124856)
[30] FR (15/50836) 2015-02-03

[21] **2,975,573**
[13] A1

[51] **Int.Cl. B01J 20/22 (2006.01) B01J 20/28 (2006.01) B01J 20/34 (2006.01)**
[25] EN
[54] **NO CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT DES NO**
[72] DUNCAN, MORVEN, GB
[72] WARRENDER, STEWART, GB
[72] MORRIS, RUSSELL EDWARD, GB
[72] CATTANEO, DAMIANO, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2017-08-01
[86] 2016-01-28 (PCT/GB2016/050183)
[87] (WO2016/124889)
[30] GB (1501779.1) 2015-02-03
[30] GB (1517841.1) 2015-10-08

Demandes PCT entrant en phase nationale

[21] **2,975,576**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01) B65B 3/04 (2006.01) B65D 47/06 (2006.01)**

[25] EN
[54] **SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL**
[72] SCOTT, KENNETH, GB
[72] LORD, CHRISTOPHER, GB
[72] JONES, DAVID, GB
[72] MCDONALD, STEPHEN J., GB
[72] SUDLOW, THOMAS S., GB
[71] FONTEM HOLDINGS 1 B.V., NL
[85] 2017-08-01
[86] 2016-02-05 (PCT/GB2016/050282)
[87] (WO2016/128717)
[30] GB (1502492.0) 2015-02-13
[30] GB (1505216.0) 2015-03-26
[30] GB (1601096.9) 2016-01-20

[21] **2,975,641**
[13] A1

[51] **Int.Cl. B64G 1/34 (2006.01) B64G 1/62 (2006.01) B64G 1/24 (2006.01)**

[25] FR
[54] **AEROBRAKING SATELLITE DEORBITING SYSTEM**
[54] **SYSTEME D'AEROFREINAGE POUR DESORBITATION DE SATELLITE**
[72] RASSE, BENJAMIN, FR
[72] DAMIANO, PATRICE, FR
[71] ARIANEGROUP SAS, FR
[85] 2017-08-02
[86] 2016-02-02 (PCT/EP2016/052173)
[87] (WO2016/124591)
[30] FR (1550829) 2015-02-03

[21] **2,975,714**
[13] A1

[51] **Int.Cl. B65D 71/36 (2006.01) B65D 5/42 (2006.01) B65D 5/54 (2006.01) B65D 5/72 (2006.01)**

[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET DECOUPE DE CARTON**
[72] WALLING, BRADFORD J., US
[72] LOFTIN, CALEB S., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2017-08-02
[86] 2016-01-29 (PCT/US2016/015609)
[87] (WO2016/126541)
[30] US (62/111,387) 2015-02-03

[21] **2,975,782**
[13] A1

[51] **Int.Cl. B03C 1/28 (2006.01) B01D 46/00 (2006.01)**

[25] EN
[54] **MAGNETIC FILTER FOR A CENTRAL HEATING SYSTEM**
[54] **FILTRE MAGNETIQUE POUR UN SYSTEME DE CHAUFFAGE CENTRAL**
[72] DOWNIE, SIMON, GB
[72] PATHAN, KASHEM, GB
[71] ADEY HOLDINGS (2008) LIMITED, GB
[85] 2017-08-03
[86] 2016-01-28 (PCT/GB2016/050186)
[87] (WO2016/132095)
[30] GB (1502756.8) 2015-02-19
[30] GB (1521054.5) 2015-11-30

[21] **2,975,831**
[13] A1

[51] **Int.Cl. B01J 4/00 (2006.01) H01M 8/0612 (2016.01) B01F 3/02 (2006.01) B01J 8/00 (2006.01) F04D 17/16 (2006.01) F04D 25/16 (2006.01) F04D 29/42 (2006.01)**

[25] EN
[54] **CENTRIFUGAL BLOWER SYSTEM WITH INTERNAL GAS MIXING AND GAS PHASE CHEMICAL REACTOR INCORPORATING SAME**
[54] **SYSTEME DE VENTILATEUR CENTRIFUGE AVEC MELANGE INTERNE DE GAZ ET REACTEUR CHIMIQUE EN PHASE GAZEUSE INCORPORANT CELUI-CI**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[71] WATT FUEL CELL CORP, US
[85] 2017-08-03
[86] 2015-03-16 (PCT/US2015/020707)
[87] (WO2016/148681)

[21] **2,975,934**
[13] A1

[51] **Int.Cl. C02F 9/02 (2006.01) B01D 35/02 (2006.01) B02C 18/06 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 1/36 (2006.01) C02F 1/44 (2006.01)**

[25] EN
[54] **IMPROVED FLUID TREATMENT APPARATUS AND PROCESSES**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT DE FLUIDE AMELIORE**
[72] PHILPOTT, RICHARD, GB
[72] MAHAMUNI, NARESH, US
[72] PISHCHALNIKOV, YURI, US
[72] FISCHER, JASON EVEREST, US
[71] CHELAN, INC., US
[71] PHILPOTT, RICHARD, GB
[71] MAHAMUNI, NARESH, US
[71] PISHCHALNIKOV, YURI, US
[71] FISCHER, JASON EVEREST, US
[85] 2017-08-03
[86] 2016-02-03 (PCT/US2016/016470)
[87] (WO2016/126891)
[30] US (62/111,660) 2015-02-03

[21] **2,975,965**
[13] A1

[51] **Int.Cl. H02J 3/36 (2006.01) H04W 84/12 (2009.01) B60L 11/18 (2006.01) B60R 16/02 (2006.01) B60S 5/00 (2006.01) H02J 7/02 (2016.01) H04L 12/28 (2006.01)**

[25] EN
[54] **DEMAND RESPONSE IMPLEMENTED IN AN INFRASTRUCTURE HAVING A DC LINK**
[54] **REPOSE PORTANT SUR UNE DEMANDE, MISE EN ŒUVRE DANS UNE INFRASTRUCTURE COMPRENANT UNE LIAISON A COURANT CONTINU**
[72] TRUDEL, GILLES, CA
[72] JASMIN, SIMON, CA
[72] NORMANDIN, IRENEE, CA
[71] BIPCO-SOFT R3 INC., BB
[85] 2017-08-04
[86] 2016-02-04 (PCT/IB2016/050591)
[87] (WO2016/125107)
[30] US (62/111,807) 2015-02-04

PCT Applications Entering the National Phase

[21] **2,975,989**
[13] A1

[51] **Int.Cl. H03M 13/27 (2006.01) H04H 60/11 (2009.01) H03M 13/11 (2006.01) H04B 7/15 (2006.01) H04L 1/22 (2006.01)**

[25] EN

[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**

[54] **EMETTEUR, ET PROCEDE DE GENERATION DE PARITE SUPPLEMENTAIRE CORRESPONDANT**

[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-08-04
[86] 2016-02-25 (PCT/KR2016/001880)
[87] (WO2016/137256)
[30] US (62/120,526) 2015-02-25
[30] KR (10-2015-0137178) 2015-09-27

[21] **2,975,991**
[13] A1

[51] **Int.Cl. H04L 1/22 (2006.01) H04H 60/11 (2009.01) H03M 13/11 (2006.01) H04B 7/15 (2006.01)**

[25] EN

[54] **TRANSMITTER AND REPETITION METHOD THEREOF**

[54] **EMETTEUR ET PROCEDE DE REPETITION ASSOCIE**

[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-08-04
[86] 2016-02-24 (PCT/KR2016/001820)
[87] (WO2016/137234)
[30] US (62/120,108) 2015-02-24
[30] US (62/126,902) 2015-03-02
[30] KR (10-2015-0137187) 2015-09-27

[21] **2,975,992**
[13] A1

[51] **Int.Cl. H04L 1/22 (2006.01) H04H 60/11 (2009.01) H03M 13/11 (2006.01) H03M 13/27 (2006.01)**

[25] EN

[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**

[54] **EMETTEUR ET PROCEDE POUR GENERER UNE PARITE ADDITIONNELLE POUR CELUI-CI**

[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-08-04
[86] 2016-02-25 (PCT/KR2016/001885)
[87] (WO2016/137259)
[30] US (62/120,560) 2015-02-25
[30] KR (10-2015-0137180) 2015-09-27

[21] **2,975,994**
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/32 (2006.01)**

[25] EN

[54] **OPTICAL ADAPTOR FOR MOUNTING TO A RECEPTACLE TO OPTICALLY COUPLE CONNECTORIZED OPTICAL CABLES**

[54] **ADAPTATEUR OPTIQUE DESTINE A ETRE MONTE SUR UN RECEPTACLE POUR COUPLER OPTIQUEMENT DES CABLES OPTIQUES A CONNECTEURS**

[72] MUELLER-SCHLOMKA, GORDON, DE
[72] WIMMER, MICHAEL, DE
[71] CCS TECHNOLOGY, INC., US
[85] 2017-08-04
[86] 2016-02-05 (PCT/US2016/016686)
[87] (WO2016/127017)
[30] EP (15153965.7) 2015-02-05

[21] **2,976,006**
[13] A1

[51] **Int.Cl. B05D 5/08 (2006.01) B05D 3/06 (2006.01) C09K 3/10 (2006.01)**

[25] EN

[54] **METHOD OF APPLYING A SULFUR-CONTAINING SEALING COMPOUND, APPARATUS THEREFOR, CORRESPONDINGLY TREATED AEROSPACE VEHICLE AND USE THEREOF**

[54] **PROCEDE POUR L'APPLICATION D'UNE MASSE D'ETANCHEITE CONTENANT DU SOUFRE, DISPOSITIF A CET EFFET, AERONEF OU ENGIN SPATIAL TRAITE DE MANIERE CORRESPONDANTE ET SON UTILISATION**

[72] BONNS, PETER, DE
[72] REICHERT, SWETLANA, DE
[72] SIEVERS, BJORN, DE
[72] KRALEV, MIROSLAV, DE
[71] CHEMETALL GMBH, DE
[85] 2017-08-07
[86] 2016-02-12 (PCT/EP2016/053005)
[87] (WO2016/128547)
[30] DE (102015202619.1) 2015-02-13

[21] **2,976,011**
[13] A1

[51] **Int.Cl. H02M 1/12 (2006.01) H02M 7/48 (2007.01) H02P 23/14 (2006.01)**

[25] EN

[54] **MODEL PREDICTIVE DAMPING OF OSCILLATIONS IN AN ELECTRICAL CONVERTER SYSTEM**

[54] **AMORTISSEMENT D'OSCILLATIONS PREDICTIF A MODELES DE SYSTEME DE CONVERTISSEUR ELECTRIQUE**

[72] AL-HOKAYEM, PETER, CH
[72] PEJICIC, IVAN, CH
[71] ABB SCHWEIZ AG, CH
[85] 2017-08-08
[86] 2016-01-13 (PCT/EP2016/050563)
[87] (WO2016/134874)
[30] EP (15156558.7) 2015-02-25

Demandes PCT entrant en phase nationale

[21] **2,976,034**
[13] A1

[51] **Int.Cl. G09F 13/18 (2006.01) G09F 21/04 (2006.01)**
[25] EN
[54] **LIGHT ASSEMBLY FOR ILLUMINATING AN EMBLEM**
[54] **ENSEMBLE LUMINEUX D'ECLAIRAGE D'EMBLEME**
[72] IORDACHE, LUCIAN, CA
[72] YU, NELSON, CA
[71] TYCO ELECTRONICS CANADA ULC, CA
[85] 2017-08-04
[86] 2016-02-03 (PCT/US2016/016290)
[87] (WO2016/130375)
[30] US (62/114,724) 2015-02-11
[30] US (15/004,019) 2016-01-22

[21] **2,976,068**
[13] A1

[51] **Int.Cl. G02B 6/255 (2006.01) B82Y 20/00 (2011.01)**
[25] EN
[54] **OPTICAL COMPONENT INCLUDING NANOPARTICLE HEAT SINK**
[54] **COMPOSANT OPTIQUE CONTENANT UN DISSIPATEUR THERMIQUE A NANOPARTICULES**
[72] ROLLINGER, ANDREW R., US
[71] RAYTHEON COMPANY, US
[85] 2017-08-08
[86] 2016-01-28 (PCT/US2016/015248)
[87] (WO2016/160109)
[30] US (14/674,168) 2015-03-31

[21] **2,976,088**
[13] A1

[51] **Int.Cl. B65D 17/32 (2006.01) B65D 1/12 (2006.01) B65D 1/20 (2006.01) B65D 17/28 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **CLOSURE SYSTEM FOR CONTAINERS**
[54] **SYSTEME DE FERMETURE POUR RECIPIENTS**
[72] COFFEY, BRENDAN, US
[72] WARRENBURG, WILLIAM L., US
[71] SNSTECH, LLC, US
[85] 2017-08-08
[86] 2016-02-10 (PCT/US2016/017392)
[87] (WO2016/130705)
[30] US (62/113,850) 2015-02-09
[30] US (62/149,825) 2015-04-20

[21] **2,976,058**
[13] A1

[51] **Int.Cl. H02G 1/08 (2006.01)**
[25] EN
[54] **PULLING DEVICE**
[54] **DISPOSITIF DE TRACTION**
[72] MARGAI, DIANA BERNADETT, HU
[71] WIRE-HOLDER KFT, HU
[85] 2017-08-08
[86] 2016-02-15 (PCT/HU2016/050005)
[87] (WO2016/128782)
[30] HU (P1500062) 2015-02-13
[30] HU (P1500231) 2015-05-14

[21] **2,976,083**
[13] A1

[51] **Int.Cl. B01J 21/06 (2006.01) B01J 21/04 (2006.01) B01J 23/34 (2006.01) B01J 23/42 (2006.01) B01J 23/44 (2006.01) B01J 29/00 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **DIESEL OXIDATION CATALYST**
[54] **CATALYSEUR D'OXYDATION DE DIESEL**
[72] SUNG, SHIANG, US
[72] MCCANTY, PATRICK WILLIAM, US
[72] ROTH, STANLEY A., US
[72] ZHENG, XIAOLAI, US
[72] GERLACH, OLGA, DE
[72] KOGEL, MARKUS, DE
[71] BASF CORPORATION, US
[85] 2017-08-08
[86] 2016-02-08 (PCT/US2016/016949)
[87] (WO2016/130456)
[30] US (62/113,696) 2015-02-09

[21] **2,976,129**
[13] A1

[51] **Int.Cl. G02B 27/10 (2006.01)**
[25] EN
[54] **BEAM SPLITTER AND ARRANGEMENT FOR EXAMINING A SAMPLE WHICH CAN BE EXCITED BY MEANS OF ELECTROMAGNETIC RADIATION**
[54] **SEPARATEUR DE FAISCEAU ET DISPOSITIF D'EXAMEN D'UN ECHANTILLON EXCITABLE AU MOYEN D'UN RAYONNEMENT ELECTROMAGNETIQUE**
[72] MULLER, RALF, DE
[72] ORTLEPP, HANS-GEORG, DE
[71] EYESENSE GMBH, DE
[85] 2017-08-09
[86] 2016-02-06 (PCT/EP2016/052581)
[87] (WO2016/128334)
[30] DE (10 2015 101 847.0) 2015-02-10

[21] **2,976,059**
[13] A1

[51] **Int.Cl. H02B 99/00 (2009.01) H02B 13/025 (2006.01)**
[25] EN
[54] **ARC FAULT RESISTANT ELECTRIC EQUIPMENT**
[54] **EQUIPEMENT ELECTRIQUE RESISTANT A DES DEFAUTS D'ARC**
[72] IONESCU, BOGDAN, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-08-08
[86] 2016-01-11 (PCT/US2016/012798)
[87] (WO2016/130248)
[30] US (62/114,262) 2015-02-10

[21] **2,976,158**
[13] A1

[51] **Int.Cl. B65D 81/34 (2006.01) B65D 77/20 (2006.01)**
[25] EN
[54] **PACKAGE**
[54] **EMBALLAGE**
[72] SHAW, MARK, GB
[72] HILL, MARK, GB
[71] PARKSIDE FLEXIBLES (EUROPE) LIMITED, GB
[85] 2017-08-09
[86] 2016-03-10 (PCT/GB2016/050653)
[87] (WO2016/151282)
[30] GB (1505103.0) 2015-03-26

PCT Applications Entering the National Phase

[21] **2,976,177**
[13] A1

[51] **Int.Cl. G05B 19/409 (2006.01) G05B 9/02 (2006.01) H05K 7/14 (2006.01)**

[25] EN

[54] **PORTABLE SAFETY CONTROL DEVICE FOR INDUSTRIAL MACHINES, IN PARTICULAR ROBOTS**

[54] **DISPOSITIF DE COMMANDE DE SECURITE PORTABLE POUR MACHINES INDUSTRIELLES, EN PARTICULIER POUR DES ROBOTS**

[72] BORDEGNONI, STEFANO, IT
[72] CINIELLO, FRANCESCO, IT
[71] COMAU S.P.A., IT
[85] 2017-08-09
[86] 2016-06-14 (PCT/IB2016/053493)
[87] (WO2016/203364)
[30] IT (102015000023697) 2015-06-15

[21] **2,976,218**
[13] A1

[51] **Int.Cl. D21H 21/40 (2006.01) B42D 25/328 (2014.01) B42D 25/45 (2014.01) D21H 21/48 (2006.01)**

[25] EN

[54] **METHOD FOR THE SURFACE APPLICATION OF A SECURITY DEVICE TO A SUBSTRATE**

[54] **PROCEDE D'APPLICATION EN SURFACE D'UN DISPOSITIF DE SECURITE A UN SUBSTRAT**

[72] PRETT, GILES D., US
[72] JAIN, MANISH, US
[72] BRIGHAM, KRAIG M., US
[71] CRANE & CO., INC., US
[85] 2017-08-09
[86] 2016-02-11 (PCT/US2016/017575)
[87] (WO2016/130822)
[30] US (62/114,699) 2015-02-11

[21] **2,976,280**
[13] A1

[51] **Int.Cl. B01J 19/24 (2006.01)**

[25] EN

[54] **MILLIMETER-SCALE EXCHANGER-REACTOR FOR HYDROGEN PRODUCTION OF LESS THAN 10 NM3/H**

[54] **ECHANGEUR-REACTEUR MILLI-STRUCTURE POUR UNE PRODUCTION D'HYDROGENE INFERIEURE A 10 NM3/H**

[72] DEL-GALLO, PASCAL, FR
[72] DUBET, OLIVIER, FR
[72] FLIN, MATTHIEU, FR
[72] PROST, LAURENT, FR
[72] WAGNER, MARC, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-08-10
[86] 2016-02-03 (PCT/FR2016/050229)
[87] (WO2016/128647)
[30] FR (1551140) 2015-02-12

[21] **2,976,282**
[13] A1

[51] **Int.Cl. B29C 51/16 (2006.01) B31B 50/74 (2017.01) B29C 51/20 (2006.01)**

[25] EN

[54] **DEVICE FOR THERMOFORMING CONTAINERS HAVING TRANSLATIONAL MOULD BLOCKS**

[54] **DISPOSITIF DE THERMOFORMAGE DE RECIPIENTS A BLOCS DE MOULES TRANSLATIFS**

[72] LE METAYER, SEBASTIEN, FR
[71] ERCA, FR
[85] 2017-08-10
[86] 2016-02-19 (PCT/FR2016/050386)
[87] (WO2016/135398)
[30] FR (1551678) 2015-02-27

[21] **2,976,299**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H02H 3/08 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO DIGITAL OUTPUT CIRCUITS**

[54] **PERFECTIONNEMENTS APPORTES A DES CIRCUITS DE SORTIE NUMERIQUE OU S'Y RAPPORTANT**

[72] FAWCETT, TIMOTHY JAMES, GB
[72] DRAPER, MARK, GB
[72] GARCIA, ANTOINE, FR
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-08-10
[86] 2016-02-23 (PCT/EP2016/053744)
[87] (WO2016/135126)
[30] EP (15275052.7) 2015-02-25

[21] **2,976,336**
[13] A1

[51] **Int.Cl. H02M 1/08 (2006.01) B64D 33/00 (2006.01) F02C 7/268 (2006.01) F02N 11/04 (2006.01) H02J 1/00 (2006.01) H02J 5/00 (2016.01) H02M 7/797 (2006.01) B64D 41/00 (2006.01) H02K 17/44 (2006.01) H02K 19/38 (2006.01)**

[25] EN

[54] **AIRCRAFT STARTING AND GENERATING SYSTEM**

[54] **SYSTEME DEMARREUR ET GENERATEUR D'AERONEF**

[72] HUANG, HAO, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2017-08-10
[86] 2015-02-18 (PCT/US2015/016330)
[87] (WO2016/133502)

Demandes PCT entrant en phase nationale

[21] **2,976,373**
[13] A1

[51] **Int.Cl. F41G 3/08 (2006.01) F41G 1/38 (2006.01) F41G 1/473 (2006.01) F41G 3/06 (2006.01) G01S 17/10 (2006.01) G01S 17/95 (2006.01) G02B 23/10 (2006.01)**

[25] EN

[54] **INTEGRATED WIND LASER RANGEFINDER RECEIVER**

[54] **RECEPTEUR INTEGRE DE TELEMETRIE LASER POUR LE VENT**

[72] MARYFIELD, TONY, US
[72] DADKHAH, MAHYAR, US
[71] CUBIC CORPORATION, US
[85] 2017-08-10
[86] 2016-03-09 (PCT/US2016/021622)
[87] (WO2016/145122)
[30] US (62/130,349) 2015-03-09
[30] US (62/131,734) 2015-03-11
[30] US (62/137,097) 2015-03-23
[30] US (62/137,100) 2015-03-23
[30] US (62/137,111) 2015-03-23
[30] US (62/137,094) 2015-03-23
[30] US (62/138,237) 2015-03-25
[30] US (62/138,240) 2015-03-25
[30] US (62/138,895) 2015-03-26
[30] US (62/140,147) 2015-03-30
[30] US (62/144,230) 2015-04-07
[30] US (62/144,837) 2015-04-08
[30] US (62/145,413) 2015-04-09

[21] **2,976,375**
[13] A1

[51] **Int.Cl. G01J 1/44 (2006.01) F41G 1/473 (2006.01) F41G 3/06 (2006.01) F41G 3/08 (2006.01) G01S 7/486 (2006.01) G02B 23/10 (2006.01)**

[25] EN

[54] **OPTICAL SENSOR FOR RANGE FINDING AND WIND SENSING MEASUREMENTS**

[54] **CAPTEUR OPTIQUE POUR TELEMETRIE ET MESURES DE DETECTION DU VENT**

[72] MARYFIELD, TONY, US
[72] DADKHAH, MAHYAR, US
[71] CUBIC CORPORATION, US
[85] 2017-08-10
[86] 2016-03-09 (PCT/US2016/021623)
[87] (WO2016/145123)
[30] US (62/130,349) 2015-03-09
[30] US (62/131,734) 2015-03-11
[30] US (62/137,097) 2015-03-23
[30] US (62/137,100) 2015-03-23
[30] US (62/137,111) 2015-03-23
[30] US (62/137,094) 2015-03-23
[30] US (62/138,237) 2015-03-25
[30] US (62/138,240) 2015-03-25
[30] US (62/138,895) 2015-03-26
[30] US (62/140,147) 2015-03-30
[30] US (62/144,230) 2015-04-07
[30] US (62/144,837) 2015-04-08
[30] US (62/145,413) 2015-04-09

[21] **2,976,444**
[13] A1

[51] **Int.Cl. B29C 70/56 (2006.01) B29C 70/02 (2006.01)**

[25] EN

[54] **PRE-STRESSED FIBER REINFORCING MEMBER**

[54] **ELEMENT DE RENFORT A FIBRES PRECONTRAINTEES**

[72] HAWLEY, RONALD CLARE, US
[72] MAZULA, DEREK JOEL, US
[71] INTEGRATED COMPOSITE PRODUCTS, INC., US
[85] 2017-08-11
[86] 2016-02-11 (PCT/US2016/017519)
[87] (WO2016/130784)
[30] US (62/115,409) 2015-02-12

[21] **2,976,512**
[13] A1

[51] **Int.Cl. A61F 13/42 (2006.01) A61F 13/49 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLE LEAKAGE ASSESSMENT SYSTEM**

[54] **SYSTEME D'EVALUATION DES FUITES D'UN ARTICLE ABSORBANT**

[72] LONG, ANDREW M., US
[72] SULLIVAN, SHAWN J., US
[72] ROBERTSON, JOHN C., US
[72] DODGE, RICHARD N., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2017-08-11
[86] 2016-02-26 (PCT/US2016/019672)
[87] (WO2016/138331)
[30] US (62/126,001) 2015-02-27

[21] **2,976,393**
[13] A1

[51] **Int.Cl. H01R 4/24 (2006.01) H01R 13/02 (2006.01) H05B 3/58 (2006.01) A61M 16/00 (2006.01) H01R 4/20 (2006.01) H01R 13/506 (2006.01)**

[25] EN

[54] **CONNECTION DEVICE FOR CABLES**

[54] **DISPOSITIF DE RACCORDEMENT POUR CABLE**

[72] LINDKAMP, MARC, DE
[72] WOLFF, HANNO HARRY, DE
[72] BUSSMANN, RAINER, DE
[71] HARTING ELECTRONICS GMBH, DE
[85] 2017-08-11
[86] 2016-02-01 (PCT/DE2016/100043)
[87] (WO2016/134695)
[30] DE (10 2015 102 634.1) 2015-02-24

PCT Applications Entering the National Phase

[21] **2,976,513**
[13] A1

[51] **Int.Cl. A41D 13/005 (2006.01) H05B 3/34 (2006.01)**

[25] EN

[54] **ATTACHABLE AND DETACHABLE, PORTABLE ELECTRIC HEATING DEVICE FOR APPAREL AND METHOD OF USE THEREOF**

[54] **DISPOSITIF DE CHAUFFAGE ELECTRIQUE PORTATIF, POUVANT ETRE FIXE ET DESOLIDARISE POUR VETEMENT ET PROCEDE D'UTILISATION ASSOCIE**

[72] DEVITO, ANTHONY W., US
[71] DEVITO, ANTHONY W., US
[85] 2017-08-11
[86] 2016-03-02 (PCT/US2016/020354)
[87] (WO2016/141011)
[30] US (62/126,982) 2015-03-02

[21] **2,976,542**
[13] A1

[51] **Int.Cl. C02F 1/44 (2006.01) B01D 65/02 (2006.01)**

[25] EN

[54] **CONVERSION OF MEDIA FILTER INTO MEMBRANE GRAVITY FILTER**

[54] **CONVERSION D'UN MILIEU FILTRANT EN FILTRE A MEMBRANE A GRAVITE**

[72] COTE, PIERRE LUCIEN, CA
[72] CADERA, JASON, CA
[72] PEDERSEN, STEVEN KRISTIAN, CA
[72] ADAMS, NICHOLAS WILLIAM H., CA
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-08-11
[86] 2016-03-04 (PCT/US2016/021030)
[87] (WO2016/167898)
[30] US (62/149,070) 2015-04-17
[30] US (14/711,060) 2015-05-13
[30] US (14/721,549) 2015-05-26
[30] US (62/210,915) 2015-08-27
[30] US (62/233,812) 2015-09-28

[21] **2,976,581**
[13] A1

[51] **Int.Cl. B27K 3/08 (2006.01) B27K 5/00 (2006.01)**

[25] EN

[54] **TREATMENT OF WOOD**

[54] **TRAITEMENT DE BOIS**

[72] HOLM, CLAUS, DK
[72] THOMAS, KELL, DK
[71] DANISH WOOD TECHNOLOGY A/S, DK
[85] 2017-08-14
[86] 2016-03-03 (PCT/DK2016/050061)
[87] (WO2016/138910)
[30] DK (PA 2015 00134) 2015-03-05

[21] **2,976,588**
[13] A1

[51] **Int.Cl. H02G 15/18 (2006.01) H02G 1/14 (2006.01) H02G 15/007 (2006.01) H02G 15/08 (2006.01)**

[25] EN

[54] **WELDING SLEEVE FOR ARMoured CABLES**

[54] **MANCHON DE SOUDAGE POUR CABLES BLINDES**

[72] HANSSON, ANDERS, SE
[72] TYRBERG, ANDREAS, SE
[72] HEDLUND, JOHAN, SE
[71] NKT HV CABLES GMBH, CH
[85] 2017-08-14
[86] 2016-02-19 (PCT/EP2016/053567)
[87] (WO2016/131965)
[30] EP (PCT/EP2015/053530) 2015-02-19

[21] **2,976,591**
[13] A1

[51] **Int.Cl. H05K 1/14 (2006.01) H01L 33/48 (2010.01) G09F 9/33 (2006.01) H05K 1/11 (2006.01) G09F 9/302 (2006.01)**

[25] EN

[54] **LIGHT-EMITTING DIODE APPARATUS AND METHOD FOR MANUFACTURING A LIGHT-EMITTING DIODE APPARATUS**

[54] **DISPOSITIF A DIODE ELECTROLUMINESCENTE ET PROCEDE DE FABRICATION D'UN DISPOSITIF A DIODE ELECTROLUMINESCENTE**

[72] KLOTH, BERND, DE
[72] FLUGEL, MATTHIAS, DE
[72] JAIKOW, ROMAN, DE
[71] JENOPTIK POLYMER SYSTEMS GMBH, DE
[85] 2017-08-14
[86] 2016-02-23 (PCT/EP2016/053701)
[87] (WO2016/135110)
[30] DE (10 2015 002 099.4) 2015-02-23

[21] **2,976,627**
[13] A1

[51] **Int.Cl. B01J 38/52 (2006.01)**

[25] EN

[54] **METHOD FOR REGENERATING HYDROGENATION CATALYST FOR PHTHALATE COMPOUND**

[54] **PROCEDE DE REGENERATION DU CATALYSEUR D'HYDROGENATION D'UN COMPOSE DE PHTALATE**

[72] JUNG, KI TAEG, KR
[72] YOON, KYONG JUN, KR
[72] KIM, HYO SUK, KR
[72] KWAK, JANG YOUNG, KR
[72] SEONG, PIL JE, KR
[72] LEE, KYOUNG IL, KR
[71] HANWHA CHEMICAL CORPORATION, KR
[85] 2017-08-14
[86] 2016-03-31 (PCT/KR2016/003341)
[87] (WO2016/159691)
[30] KR (10-2015-0046225) 2015-04-01

Demandes PCT entrant en phase nationale

[21] **2,976,692**
[13] A1

[51] **Int.Cl. B01D 45/16 (2006.01) B04C 5/06 (2006.01) B04C 5/107 (2006.01) B04C 5/181 (2006.01)**

[25] EN
[54] **IMPROVED SWIRL TUBE SEPARATORS**
[54] **SEPARATEURS AMELIORES DE TYPE TUBES A TOURBILLON**

[72] CARROLL, CIAN SEAMUS, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2017-08-14
[86] 2016-03-01 (PCT/US2016/020254)
[87] (WO2016/140964)
[30] US (62/127,631) 2015-03-03

[21] **2,976,702**
[13] A1

[51] **Int.Cl. H05K 9/00 (2006.01) H03H 1/00 (2006.01)**

[25] EN
[54] **APPARATUS FOR ABSORBING ELECTRICAL NOISE**
[54] **DISPOSITIF POUR ABSORBER LE BRUIT ELECTRIQUE DE CABLES**

[72] WEIDINGER, ROBERT, AT
[72] TREBUCH, SIMON, AT
[72] SCHLEICH, HARALD, DE
[72] MUTSCH, STEFFEN, DE
[72] FIEBIG, NILS-HENNING, DE
[71] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE

[85] 2017-08-15
[86] 2016-02-25 (PCT/EP2016/053915)
[87] (WO2016/150638)
[30] DE (102015205193.5) 2015-03-23

[21] **2,976,714**
[13] A1

[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/04 (2006.01)**

[25] EN
[54] **CATALYST SUPPORT GRID**
[54] **GRILLE DE SUPPORT DE CATALYSEUR**

[72] WILLIAMS, LAWRENCE L., US
[72] CASTILLO, GREGORIO, US
[71] WOVEN METAL PRODUCTS, INC., US

[85] 2017-08-14
[86] 2016-02-17 (PCT/US2016/018211)
[87] (WO2016/133984)
[30] US (14/627,827) 2015-02-20

[21] **2,976,717**
[13] A1

[51] **Int.Cl. B41J 3/00 (2006.01) B42D 25/333 (2014.01) B42D 25/415 (2014.01) B41J 2/01 (2006.01) B41M 3/14 (2006.01)**

[25] EN
[54] **METHOD FOR CREATING A HIDDEN PATTERN**
[54] **PROCEDE DE CREATION D'UN MOTIF CACHE**

[72] BOLLSTROM, ROGER, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK, A. C., CH
[71] OMYA INTERNATIONAL AG, CH

[85] 2017-08-15
[86] 2016-03-09 (PCT/EP2016/055050)
[87] (WO2016/146458)
[30] EP (15159107.0) 2015-03-13
[30] US (62/135,802) 2015-03-20

[21] **2,976,731**
[13] A1

[51] **Int.Cl. B23B 47/02 (2006.01) B23B 45/16 (2006.01) F25C 5/04 (2006.01)**

[25] EN
[54] **IMPACT ICE DRILLER**
[54] **FOREUSE A PERCUSSION POUR LA GLACE**

[72] LU, LIMENG, CN
[71] NINGBO NGP INDUSTRY CO., LTD., CN

[85] 2017-08-17
[86] 2016-07-22 (PCT/CN2016/000411)
[87] (2976731)
[30] CN (201610229137.3) 2016-04-13

[21] **2,976,759**
[13] A1

[51] **Int.Cl. B29C 49/48 (2006.01) B29C 49/62 (2006.01) B29C 49/08 (2006.01)**

[25] EN
[54] **BLOW MOLD FOR MANUFACTURING CONTAINERS MADE OF THERMOPLASTIC MATERIAL**
[54] **MOULE DE SOUFFLAGE POUR LA FABRICATION DE RECIPIENTS FABRIQUES EN MATIERE THERMOPLASTIQUE**

[72] BISCHER, LUIGINO, IT
[72] DELLA PRIA, LUCA, IT
[72] GAIOTTI, DAVID, IT
[72] PERUZZO, GIADA, IT
[72] ZOPPAS, MATTEO, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT

[85] 2017-08-15
[86] 2016-02-25 (PCT/IB2016/051037)
[87] (WO2016/135668)
[30] IT (RM2015A000080) 2015-02-25

[21] **2,976,779**
[13] A1

[51] **Int.Cl. B62B 3/04 (2006.01) B62B 1/00 (2006.01) H02K 7/116 (2006.01) H02K 7/14 (2006.01)**

[25] EN
[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**

[72] MOORE, WILLIAM D., US
[72] JOHNSON, PHILIP S., US
[72] BIRO, JOSHUA M., US
[72] MICHAELS, PAUL G., US
[72] RASSOOLKHANI, PAYMAN, US
[71] NIDEC MOTOR CORPORATION, US

[85] 2017-08-15
[86] 2016-02-18 (PCT/US2016/018509)
[87] (WO2016/134169)
[30] US (62/117,810) 2015-02-18
[30] US (62/153,985) 2015-04-28
[30] US (62/206,109) 2015-08-17

PCT Applications Entering the National Phase

[21] **2,976,787**
[13] A1

[51] **Int.Cl. B05B 15/06 (2006.01) F16L 15/06 (2006.01) F16L 33/24 (2006.01) F16L 47/16 (2006.01) B05B 7/24 (2006.01)**

[25] EN
[54] **SPRAYER ADAPTER**
[54] **ADAPTATEUR DE PULVERISATEUR**

[72] BIERIE, WILLIAM K., US
[72] BURNS, MARVIN D., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2017-08-15
[86] 2016-02-19 (PCT/US2016/018742)
[87] (WO2016/134298)
[30] US (62/118,993) 2015-02-20
[30] US (15/047,503) 2016-02-18

[21] **2,976,807**
[13] A1

[51] **Int.Cl. B02C 19/18 (2006.01)**

[25] EN
[54] **METHOD AND DEVICE FOR FRAGMENTING AND/OR WEAKENING A PIECE OF MATERIAL BY MEANS OF HIGH VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET/OU D'AFFAIBLISSEMENT D'UN MORCEAU DE MATERIAU AU MOYEN DE DECHARGES DE HAUTE TENSION**

[72] KAEPPELER, JOHANNES, CH
[72] MORACH, MARION ESTHER, CH
[72] WEH, ALEXANDER, DE
[72] MULLER-SIEBERT, REINHARD, CH
[71] SELFRAG AG, CH
[85] 2017-08-16
[86] 2015-02-27 (PCT/CH2015/000031)
[87] (WO2016/134489)

[21] **2,976,810**
[13] A1

[51] **Int.Cl. B02C 19/18 (2006.01) B02C 23/12 (2006.01)**

[25] EN
[54] **METHOD AND DEVICES FOR FRAGMENTING AND/OR WEAKENING OF POURABLE MATERIAL BY MEANS OF HIGH-VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET/OU D'AFFAIBLISSEMENT D'UN MATERIAU COULANT AU MOYEN D'UNE DECHARGE A HAUTE TENSION**

[72] MULLER-SIEBERT, REINHARD, CH
[72] KOLLY, JOEL, CH
[71] SELFRAG AG, CH
[85] 2017-08-16
[86] 2015-02-27 (PCT/CH2015/000032)
[87] (WO2016/134490)

[21] **2,976,817**
[13] A1

[51] **Int.Cl. D03D 15/00 (2006.01) A41D 31/00 (2006.01) B32B 5/02 (2006.01) D01F 6/12 (2006.01) D04B 1/00 (2006.01)**

[25] EN
[54] **FABRICS CONTAINING CONFORMABLE LOW DENSITY FLUOROPOLYMER FIBER BLENDS**
[54] **TISSUS CONTENANT DES MELANGES DE FIBRES DE FLUOROPOLYMERE A FAIBLE DENSITE ADAPTABLES**

[72] MINOR, DAVID J., US
[72] CLOUGH, NORMAN E., US
[72] MINOR, RAYMOND B., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-08-15
[86] 2016-03-16 (PCT/US2016/022537)
[87] (WO2016/149298)
[30] US (62/133,525) 2015-03-16
[30] US (15/070,568) 2016-03-15

[21] **2,976,851**
[13] A1

[51] **Int.Cl. B29C 49/00 (2006.01) C08J 3/22 (2006.01) C08K 3/04 (2006.01) C08L 23/04 (2006.01) C08L 25/04 (2006.01) H01B 1/24 (2006.01)**

[25] EN
[54] **PROCESS FOR THE PREPARATION OF COMPOSITE ARTICLES HAVING ENHANCED ELECTRICAL PROPERTIES**
[54] **PROCEDE DE PREPARATION D'ARTICLES COMPOSITES POSSEDANT DES PROPRIETES ELECTRIQUES AMELIOREES**

[72] ROUSSEAU, DIMITRI, BE
[72] VAES, GEERT, BE
[72] BOUKALIDIS, CRISTO, BE
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[85] 2017-08-16
[86] 2016-03-11 (PCT/EP2016/055379)
[87] (WO2016/142545)
[30] EP (15158861.3) 2015-03-12

[21] **2,976,856**
[13] A1

[51] **Int.Cl. A61M 35/00 (2006.01) B05B 1/20 (2006.01) B05B 1/32 (2006.01) B05B 9/04 (2006.01) B05B 9/043 (2006.01) B05B 12/12 (2006.01) B65D 83/28 (2006.01)**

[25] EN
[54] **DISPENSER**
[54] **DISTRIBUTEUR**

[72] COATES, ANDREW, GB
[72] DAVIS, NIGEL, GB
[72] TULLOCH, ANDREW, GB
[71] AAN MEDICAL LIMITED, GB
[85] 2017-08-16
[86] 2016-02-15 (PCT/GB2016/050358)
[87] (WO2016/132104)
[30] GB (1502822.8) 2015-02-19
[30] GB (1505095.8) 2015-03-26

Demandes PCT entrant en phase nationale

[21] **2,976,858**
[13] A1

[51] **Int.Cl. B29C 70/24 (2006.01) B29D 99/00 (2010.01) F01D 5/28 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A TURBOMACHINE BLADE MADE OF COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UNE AUBE DE TURBOMACHINE EN MATERIAU COMPOSITE**
[72] MARSAL, DAVID, FR
[72] ROUSSILLE, CLEMENT, FR
[72] BLACHIER, JEREMY, FR
[71] SAFRAN CERAMICS, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-08-16
[86] 2016-02-09 (PCT/FR2016/050281)
[87] (WO2016/132042)
[30] FR (1551258) 2015-02-16

[21] **2,976,868**
[13] A1

[51] **Int.Cl. B29C 41/42 (2006.01)**
[25] EN
[54] **STRIPPING OF A DIP-MOULDED GLOVE FROM A FORMER**
[54] **EXTRACTION D'UN GANT MOULE PAR IMMERSION DEPUIS UNE FORME DE MOULAGE**
[72] STOLLERY, JONATHAN WILLIAM, GB
[72] STOLLERY, KIM MARIE, GB
[71] SAFEDON LIMITED, GB
[85] 2017-08-16
[86] 2016-03-04 (PCT/IB2016/051245)
[87] (WO2016/139640)
[30] GB (1503672.6) 2015-03-04

[21] **2,976,895**
[13] A1

[51] **Int.Cl. H01H 9/18 (2006.01) H01H 3/02 (2006.01) H01H 71/74 (2006.01) H01H 71/04 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS, AND INTERFACE ASSEMBLY AND DISPLAY APPARATUS THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE, ET APPAREIL D'ENSEMBLE D'INTERFACE ET D'AFFICHAGE CORRESPONDANT**
[72] DEVINE, JACK, US
[72] JANUSEK, MARK A., US
[71] EATON CORPORATION, US
[85] 2017-08-16
[86] 2016-01-13 (PCT/US2016/013144)
[87] (WO2016/133610)
[30] US (14/627,250) 2015-02-20

[21] **2,976,898**
[13] A1

[51] **Int.Cl. G02B 27/01 (2006.01) B60K 35/00 (2006.01) G02B 5/32 (2006.01) G02B 26/10 (2006.01) G02B 27/10 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR EYEBOW EXPANSION IN WEARABLE HEADS-UP DISPLAYS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'EXPANSION DE BOITIER OCULAIRE DANS DES AFFICHAGES TETE HAUTE PORTABLES**
[72] ALEXANDER, STEFAN, CA
[72] BAILEY, MATTHEW, CA
[72] HOLLAND, LLOYD FREDERICK, CA
[72] MOORE, JOSHUA, CA
[72] MORRISON, VANCE R., CA
[71] THALMIC LABS INC., CA
[85] 2017-08-16
[86] 2016-02-17 (PCT/US2016/018293)
[87] (WO2016/134033)
[30] US (62/117,316) 2015-02-17
[30] US (62/156,736) 2015-05-04
[30] US (62/242,844) 2015-10-16

[21] **2,976,903**
[13] A1

[51] **Int.Cl. G02B 27/01 (2006.01) G02B 5/32 (2006.01) G02B 26/10 (2006.01) G02B 27/10 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR EYEBOW EXPANSION IN WEARABLE HEADS-UP DISPLAYS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'EXPANSION DE BOITIER OCULAIRE DANS DES AFFICHAGES TETE HAUTE PORTABLES**
[72] BAILEY, MATTHEW, CA
[72] ALEXANDER, STEFAN, CA
[72] MORRISON, VANCE R., CA
[72] HOLLAND, LLOYD FREDERICK, CA
[71] THALMIC LABS INC., CA
[85] 2017-08-16
[86] 2016-02-17 (PCT/US2016/018298)
[87] (WO2016/134037)
[30] US (62/117,316) 2015-02-17
[30] US (62/156,736) 2015-05-04
[30] US (62/242,844) 2015-10-16

[21] **2,976,964**
[13] A1

[51] **Int.Cl. B02C 19/18 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FRAGMENTING AND / OR WEAKENING OF POURABLE MATERIAL BY MEANS OF HIGH-VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET / OU D'AFFAIBLISSEMENT D'UN MATERIAU COULANT AU MOYEN DE DECHARGES A HAUTE TENSION**
[72] WEH, ALEXANDER, CH
[72] AEBY, JEAN-PIERRE, CH
[72] KAPPELER, JOHANNES, CH
[71] SELFRAG AG, CH
[85] 2017-08-17
[86] 2016-02-24 (PCT/CH2016/000033)
[87] (WO2016/134492)
[30] CH (PCT/CH2015/00030) 2015-02-27
[30] CH (PCT/CH2015/00031) 2015-02-27
[30] CH (PCT/CH2015/00032) 2015-02-27

PCT Applications Entering the National Phase

[21] **2,976,988**
[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01) B05D 1/00 (2006.01) C23C 16/513 (2006.01)**

[25] EN

[54] **METHOD FOR REDUCING THE WINDING LEVEL ADHESIVENESS OF AN ADHESIVE TAPE ROLL**

[54] **PROCEDE POUR REDUIRE LE CARACTERE COLLANT DE LA TRANCHE D'UN ROULEAU DE RUBAN ADHESIF**

[72] BENDEICH, MANUEL, DE
[72] HAHNEL, MARCEL, DE
[72] KOOPS, ARNE, DE
[71] TESA SE, DE
[85] 2017-08-17
[86] 2016-02-22 (PCT/EP2016/053651)
[87] (WO2016/131984)
[30] DE (10 2015 203 088.1) 2015-02-20

[21] **2,977,040**
[13] A1

[51] **Int.Cl. A61F 2/12 (2006.01)**

[25] EN

[54] **TISSUE EXPANDER WITH PECTORAL ATTACHMENT**

[54] **DISPOSITIF EXTENSEUR DE TISSU PRESENTANT UNE FIXATION PECTORALE**

[72] DAVILA, LUIS ALBERTO, US
[72] GRAF, UDO WERNER, US
[72] CANADY, JOHN WESLEY, US
[71] MENTOR WORLDWIDE LLC, US
[85] 2017-08-17
[86] 2016-02-11 (PCT/US2016/017509)
[87] (WO2016/144475)
[30] US (14/656,327) 2015-03-12

[21] **2,977,085**
[13] A1

[51] **Int.Cl. A61F 13/53 (2006.01) A61F 13/15 (2006.01) A61F 13/49 (2006.01) A61F 13/532 (2006.01) A61F 13/537 (2006.01) A61F 13/45 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLES FORMING A THREE-DIMENSIONAL BASIN**

[54] **ARTICLES ABSORBANTS FORMANT UN BASSIN A TROIS DIMENSIONS**

[72] EHRNSPERGER, BRUNO JOHANNES, DE
[72] JACKELS, HANS ADOLF, DE
[72] STOELZEL, CLAUS PETER, DE
[72] ZIPF, CHRISTINE ELISABETH, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-08-17
[86] 2016-02-04 (PCT/US2016/016480)
[87] (WO2016/133712)
[30] EP (15155432.6) 2015-02-17

[21] **2,977,116**
[13] A1

[51] **Int.Cl. B07C 5/342 (2006.01)**

[25] EN

[54] **SEGREGATION OF MINERAL-CONTAINING OBJECTS OR PLASTIC OBJECTS**

[54] **TRI D'OBJETS CONTENANT DES MINERAUX OU D'OBJETS EN MATIERE PLASTIQUE**

[72] HUBER, REINHOLD, AT
[72] TAUCHNER, REINHARD, AT
[71] BINDER + CO AG, AT
[85] 2017-08-18
[86] 2016-03-09 (PCT/AT2016/050053)
[87] (WO2016/141398)
[30] AT (GM 50038/2015) 2015-03-09

[21] **2,977,124**
[13] A1

[51] **Int.Cl. A61F 7/03 (2006.01) A61F 7/00 (2006.01)**

[25] EN

[54] **MEDICAL DEVICES FOR GENERATING HEAT AND METHODS OF TREATMENT USING SAME**

[54] **DISPOSITIFS MEDICAUX DE GENERATION DE CHALEUR ET PROCEDES DE TRAITEMENT LES UTILISANT**

[72] WAUGH, JACOB M., US
[71] CANDESANT BIOMEDICAL, US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018655)
[87] (WO2016/134245)
[30] US (62/176,907) 2015-02-19
[30] US (62/259,315) 2015-11-24

[21] **2,977,139**
[13] A1

[51] **Int.Cl. H04N 21/81 (2011.01) H04N 21/214 (2011.01) H04N 21/83 (2011.01) H04N 5/262 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR BULK REDACTION OF RECORDED DATA**

[54] **SYSTEMES ET PROCEDES DE CAVIARDAGE EN MASSE DE DONNEES ENREGISTREES**

[72] KHOO, AARON, US
[72] ZAYAS, ABRAHAM ALVAREZ, US
[72] WOMACK, MARCUS W. L., US
[72] REITZ, JAMES NORTON, US
[71] AXON ENTERPRISE, INC., US
[85] 2017-08-17
[86] 2016-02-24 (PCT/US2016/019372)
[87] (WO2016/138141)
[30] US (62/120,277) 2015-02-24

Demandes PCT entrant en phase nationale

[21] **2,977,153**
[13] A1

[51] **Int.Cl. H01S 3/10 (2006.01) G02B 5/20 (2006.01) G02B 27/30 (2006.01) H01S 3/07 (2006.01) H01S 5/20 (2006.01)**

[25] EN

[54] **A LASER SAFETY ADAPTOR FOR USE IN LASER BASED IMAGING SYSTEMS AND RELATED DEVICES**

[54] **ADAPTATEUR DE SECURITE LASER A UTILISER DANS DES SYSTEMES D'IMAGERIE BASES SUR LE LASER ET DISPOSITIFS ASSOCIES**

[72] PENG, ZHIYONG, US

[72] FERGUSON, T. BRUCE, JR., US

[72] CHEN, CHENG, US

[72] JACOBS, KENNETH MICHAEL, US

[71] EAST CAROLINA UNIVERSITY, US

[85] 2017-08-17

[86] 2016-03-24 (PCT/US2016/023963)

[87] (WO2016/154408)

[30] US (62/138,017) 2015-03-25

[21] **2,977,154**
[13] A1

[51] **Int.Cl. H04W 48/08 (2009.01) H04W 74/08 (2009.01)**

[25] EN

[54] **RANDOM ACCESS PROCEDURES UNDER COVERAGE LIMITATIONS**

[54] **PROCEDURES D'ACCES ALEATOIRE DANS LES LIMITES D'UNE COUVERTURE**

[72] VAJAPAYAM, MADHAVAN SRINIVASAN, US

[72] XU, HAO, US

[72] CHEN, WANSHI, US

[71] QUALCOMM INCORPORATED, US

[85] 2017-08-17

[86] 2016-04-03 (PCT/US2016/025797)

[87] (WO2016/161408)

[30] US (62/143,001) 2015-04-03

[30] US (15/089,528) 2016-04-02

[21] **2,977,177**
[13] A1

[51] **Int.Cl. A61F 9/009 (2006.01) A61F 9/008 (2006.01)**

[25] EN

[54] **PATIENT ADAPTER FOR AN EYE LASER APPARATUS**

[54] **ADAPTEUR DE PATIENT POUR APPAREIL LASER OCULAIRE**

[72] DEISINGER, THOMAS, DE

[72] THIMM, DANIEL, DE

[71] WAVELIGHT GMBH, DE

[85] 2017-08-18

[86] 2016-04-04 (PCT/IB2016/051912)

[87] (WO2016/185297)

[30] EP (15001469.4) 2015-05-15

[21] **2,977,178**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A01N 63/00 (2006.01) B09C 1/10 (2006.01) C05F 1/00 (2006.01) C05F 11/08 (2006.01) C12N 1/14 (2006.01)**

[25] EN

[54] **MICROBIAL CONSORTIA**

[54] **CONSORTIA MICROBIENS**

[72] YOON, SUNG-YONG H., US

[72] SWORDS, KATHLEEN, US

[72] WAGNER, D. RY, US

[72] RAJAGOPAL, SELVASUNDARAM, IN

[71] AGRINOS AS, NO

[85] 2017-08-18

[86] 2016-02-26 (PCT/IB2016/051083)

[87] (WO2016/135698)

[30] US (62/126,323) 2015-02-27

[21] **2,977,191**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A01N 63/00 (2006.01) B09C 1/10 (2006.01) C05F 1/00 (2006.01) C05F 11/08 (2006.01) C12N 1/14 (2006.01)**

[25] EN

[54] **MICROBIAL CONSORTIA**

[54] **CONSORTIUMS MICROBIENS**

[72] YOON, SUNG-YONG H., US

[72] SWORDS, KATHLEEN, US

[72] WAGNER, RY D., US

[72] JOHNSON, BRENT, US

[72] THORPE, DARRELL T., US

[72] RAJAGOPAL, SELVASUNDARAM, IN

[71] AGRINOS AS, NO

[85] 2017-08-18

[86] 2016-02-26 (PCT/IB2016/051085)

[87] (WO2016/135700)

[30] US (62/126,343) 2015-02-27

[21] **2,977,215**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07K 14/415 (2006.01) C12N 5/04 (2006.01) C12N 15/29 (2006.01) C12N 15/67 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **MODIFICATION OF TRANSCRIPTIONAL REPRESSOR BINDING SITE IN NF-YC4 PROMOTER FOR INCREASED PROTEIN CONTENT AND RESISTANCE TO STRESS**

[54] **MODIFICATION DE SITE DE LIAISON DE REPRESSEUR DE TRANSCRIPTION DANS LE PROMOTEUR NF-YC4 POUR ACCROITRE LA TENEUR EN PROTEINES, ET RESISTANCE AU STRESS**

[72] LI, LING, US

[72] WURTELE, EVE SYRKIN, US

[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US

[85] 2017-08-18

[86] 2016-02-17 (PCT/US2016/018358)

[87] (WO2016/134081)

[30] US (62/117,924) 2015-02-18

[30] US (62/244,131) 2015-10-20

[21] **2,977,219**
[13] A1

[51] **Int.Cl. A23L 27/30 (2016.01) A23L 2/60 (2006.01) C07H 15/24 (2006.01) C07H 15/256 (2006.01)**

[25] EN

[54] **REBAUDIOSIDE A AND STEVIOSIDE WITH IMPROVED SOLUBILITIES**

[54] **REBAUDIOSIDE A ET STEVIOSIDE A SOLUBILITES AMELIOREES**

[72] JACKSON, MEL CLINTON, US

[72] JACKSON, MEL SAMUEL, US

[72] FRANCIS, DEAN EDWARD, US

[71] SWEET GREEN FIELDS USA LLC, US

[85] 2017-08-18

[86] 2015-06-16 (PCT/US2015/036098)

[87] (WO2015/195713)

[30] US (62/012,936) 2014-06-16

[30] US (14/739,887) 2015-06-15

PCT Applications Entering the National Phase

[21] **2,977,230**
[13] A1

[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/18 (2006.01) B65D 5/70 (2006.01) B65D 71/36 (2006.01)**

[25] EN

[54] **CARTON AND CARTON BLANK**

[54] **BRIQUE ALIMENTAIRE ET DECOUPE DE BRIQUE ALIMENTAIRE**

[72] PATWARDHAN, TANUJA A., US

[71] WESTROCK PACKAGING SYSTEMS, LLC, US

[85] 2017-08-18

[86] 2016-02-18 (PCT/US2016/018422)

[87] (WO2016/134118)

[30] US (62/118,747) 2015-02-20

[21] **2,977,271**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 1/11 (2006.01) C12N 1/13 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01) C12N 15/80 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **REGULATORY ELEMENTS FROM LABYRINTHULOMYCETES MICROORGANISMS**

[54] **ELEMENTS DE REGULATION PROVENANT DE MICRO-ORGANISMES LABYRINTHULOMYCETES**

[72] CAIAZZA, NICKY C., US

[72] WIN, MAUNG NYAN, US

[72] URANO, JUN, US

[71] SYNTHETIC GENOMICS, INC., US

[85] 2017-08-18

[86] 2016-02-29 (PCT/US2016/020114)

[87] (WO2016/140925)

[30] US (62/127,196) 2015-03-02

[21] **2,977,279**
[13] A1

[51] **Int.Cl. A23L 27/30 (2016.01) C07H 15/256 (2006.01)**

[25] EN

[54] **COMPOSITIONS OF STEVIOL MULTIGLYCOSYLATED DERIVATIVES AND STEVIA COMPONENTS**

[54] **COMPOSITIONS DE DERIVES MULTIGLYCOSYLES DE STEVIOL ET COMPOSANTS DE STEVIA**

[72] JACKSON, MEL CLINTON, US

[71] SWEET GREEN FIELDS USA LLC, US

[85] 2017-08-18

[86] 2016-07-08 (PCT/US2016/041454)

[87] (WO2017/011291)

[30] US (62/190,964) 2015-07-10

[30] US (62/262,060) 2015-12-02

[30] US (15/204,479) 2016-07-07

[21] **2,977,284**
[13] A1

[51] **Int.Cl. H04W 48/12 (2009.01) H04W 72/04 (2009.01)**

[25] EN

[54] **REDUCING BLIND DECODING IN ENHANCED CARRIER AGGREGATION**

[54] **REDUCTION DU DECODAGE AVEUGLE DANS UNE AGREGATION DE PORTEUSES AMELIOREE**

[72] CHEN, WANSHI, US

[72] DAMNJANOVIC, JELENA, US

[72] GAAL, PETER, US

[71] QUALCOMM INCORPORATED, US

[85] 2017-08-18

[86] 2016-04-01 (PCT/US2016/025613)

[87] (WO2016/161316)

[30] US (62/142,378) 2015-04-02

[30] US (15/087,520) 2016-03-31

[21] **2,977,295**
[13] A1

[51] **Int.Cl. C01B 32/00 (2017.01) C01B 32/15 (2017.01) C01B 32/182 (2017.01) C01B 32/20 (2017.01) C09C 1/56 (2006.01) C23C 18/12 (2006.01) H01M 4/58 (2010.01)**

[25] EN

[54] **NANOPARTICLE SURFACE-MODIFIED CARBONACEOUS MATERIAL AND METHODS FOR PRODUCING SUCH MATERIAL**

[54] **NANOPARTICULE DE MATERIAU CARBONE MODIFIE EN SURFACE ET PROCEDES DE PRODUCTION D'UN TEL MATERIAU**

[72] GULAS, MICHAL, CH

[72] SPAHR, MICHAEL E., CH

[72] GIAMPIETRO, VITO ROBERTO, CH

[72] VON ROHR, PHILIPP RUDOLF, CH

[72] WOOD, VANESSA, CH

[71] IMERYS GRAPHITE & CARBON SWITZERLAND LTD., CH

[71] ETH ZURICH, CH

[85] 2017-08-21

[86] 2016-02-26 (PCT/EP2016/054155)

[87] (WO2016/135328)

[30] EP (15157038.9) 2015-02-27

[30] EP (15157208.8) 2015-03-02

[21] **2,977,301**
[13] A1

[51] **Int.Cl. C11B 9/00 (2006.01)**

[25] EN

[54] **PERFUME COMPOSITIONS**

[54] **COMPOSITIONS DE PARFUM**

[72] BEHAN, JOHN MARTIN, GB

[72] BEHAN, JOHN PAUL, GB

[72] FERMOR SMALL, LESLIE EDWARD, GB

[71] JOHNSON & JOHNSON CONSUMER INC., US

[85] 2017-07-20

[86] 2016-07-27 (PCT/US2016/044199)

[87] (2977301)

[30] US (15/008,981) 2016-01-28

[30] US (15/197,989) 2016-06-30

Demandes PCT entrant en phase nationale

[21] **2,977,310**
[13] A1

[51] **Int.Cl. B65D 75/56 (2006.01) B65D 85/08 (2006.01)**

[25] FR

[54] **INSULATION ELEMENT COMPRISING A LABEL HANDLE AND LABEL HANDLE FOR SAID INSULATION ELEMENT**

[54] **ELEMENT D'ISOLATION COMPORTANT UNE ETIQUETTE POIGNEE ET ETIQUETTE POIGNEE POUR CET ELEMENT D'ISOLATION**

[72] ROSS-ZOLKIEWICZ, JERZY, PL

[71] SAINT-GOBAIN ISOVER, FR

[85] 2017-08-21

[86] 2016-02-25 (PCT/FR2016/050438)

[87] (WO2016/139407)

[30] FR (1551735) 2015-03-02

[21] **2,977,318**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/00 (2006.01) C12Q 1/66 (2006.01) G01N 33/50 (2006.01)**

[25] FR

[54] **NON-RADIOACTIVE METHOD FOR DETERMINING THE CYTOLYTIC ACTIVITY OF AN AGENT WITH RESPECT TO TARGET CELLS, USE THEREOF AND ASSOCIATED KIT**

[54] **PROCEDE NON RADIOACTIF DE DETERMINATION DE L'ACTION CYTOLYTIQUE D'UN AGENT VIS-A-VIS DE CELLULES CIBLES, SON UTILISATION ET KIT ASSOCIE**

[72] BONNAUDET, VERONIQUE, FR

[72] BRETAUDEAU, LAURENT, FR

[72] ROSSIGNOL, ALEXIS, FR

[71] CLEAN CELLS, FR

[85] 2017-08-21

[86] 2016-03-01 (PCT/FR2016/050458)

[87] (WO2016/139415)

[30] FR (1551835) 2015-03-05

[30] FR (1557175) 2015-07-28

[21] **2,977,370**
[13] A1

[51] **Int.Cl. H01B 5/14 (2006.01) H01B 1/02 (2006.01) H01R 43/048 (2006.01)**

[25] EN

[54] **ELECTRICAL WIRE WITH CONDUCTIVE PARTICLES**

[54] **CABLE ELECTRIQUE COMPORTANT DES PARTICULES CONDUCTRICES**

[72] SCHMIDT, HELGE, DE

[72] MYERS, MARJORIE KAY, US

[72] SARRAF, DAVID BRUCE, US

[72] COLLEGE, DAVID ALAN, US

[71] TE CONNECTIVITY GERMANY GMBH, DE

[71] TE CONNECTIVITY CORPORATION, US

[85] 2017-08-21

[86] 2016-02-23 (PCT/US2016/019014)

[87] (WO2016/137914)

[30] US (62/120,706) 2015-02-25

[30] US (15/046,890) 2016-02-18

[21] **2,977,387**
[13] A1

[51] **Int.Cl. D06M 23/12 (2006.01) D06M 23/08 (2006.01)**

[25] EN

[54] **FIBROUS ELEMENTS, FIBROUS STRUCTURES, AND PRODUCTS COMPRISING A DETERRENT AGENT AND METHODS FOR MAKING SAME**

[54] **ELEMENTS FIBREUX, STRUCTURES FIBREUSES ET PRODUITS COMPRENANT UN AGENT DE DISSUASION, ET PROCEDES DE FABRICATION**

[72] WEISMAN, PAUL THOMAS, US

[72] SIVIK, MARK ROBERT, US

[72] HAMERSKY, MARK WILLIAM, US

[72] TROKHAN, PAUL DENNIS, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2017-08-21

[86] 2016-03-01 (PCT/US2016/020191)

[87] (WO2016/140942)

[30] US (62/128,175) 2015-03-04

[21] **2,977,396**
[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/966 (2013.01) A61F 2/06 (2013.01)**

[25] EN

[54] **PARARENAL AND THORACIC ARCH STENT GRAFT AND METHODS FOR USE**

[54] **ENDOPROTHESE COUVERTE PARARENALE ET D'ARC THORACIQUE ET PROCEDES D'UTILISATION**

[72] KELLY, PATRICK W., US

[71] SANFORD HEALTH, US

[85] 2017-08-21

[86] 2016-03-24 (PCT/US2016/024125)

[87] (WO2016/154502)

[30] US (62/138,299) 2015-03-25

[30] US (62/197,304) 2015-07-27

[21] **2,977,411**
[13] A1

[51] **Int.Cl. H04W 48/16 (2009.01) H04W 8/00 (2009.01)**

[25] EN

[54] **ENABLING DEVICE-TO-DEVICE DISCOVERY**

[54] **ACTIVATION DE RECHERCHE DE DISPOSITIF A DISPOSITIF**

[72] PATIL, SHAILESH, US

[72] TAVILDAR, SAURABHA RANGRAO, US

[72] BAGHEL, SUDHIR KUMAR, US

[72] GULATI, KAPIL, US

[71] QUALCOMM INCORPORATED, US

[85] 2017-08-21

[86] 2016-03-07 (PCT/US2016/021256)

[87] (WO2016/160281)

[30] US (62/142,969) 2015-04-03

[30] US (15/061,263) 2016-03-04

[21] **2,977,426**
[13] A1

[51] **Int.Cl. B65D 65/14 (2006.01) B65B 11/48 (2006.01)**

[25] EN

[54] **WRAPPING PAPER**

[54] **PAPIER D'EMBALLAGE**

[72] HOFFMAN, GARY, GB

[71] WRAP NATION LIMITED, GB

[85] 2017-08-22

[86] 2016-02-15 (PCT/IB2016/050795)

[87] (WO2016/135580)

[30] GB (1503169.3) 2015-02-25

PCT Applications Entering the National Phase

[21] **2,977,427**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 20/38 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **BROWSER INTEGRATION WITH CRYPTOGRAM**
[54] **INTEGRATION DE CRYPTOGRAMME DANS UN NAVIGATEUR**
[72] NARAYAN, PRASANNA L., US
[72] SETHURAMAN, RAMJI, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-08-21
[86] 2016-04-08 (PCT/US2016/026725)
[87] (WO2016/164778)
[30] US (62/146,100) 2015-04-10

[21] **2,977,428**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01) G06F 21/62 (2013.01) H04L 9/06 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **ENHANCED AUTHENTICATION BASED ON SECONDARY DEVICE INTERACTIONS**
[54] **AUTHENTIFICATION RENFORCEE BASEE SUR DES INTERACTIONS DE DISPOSITIFS SECONDAIRES**
[72] LE SAINT, ERIC, US
[72] FEDRONIC, DOMINIQUE, US
[72] AABYE, CHRISTIAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-08-21
[86] 2016-04-13 (PCT/US2016/027344)
[87] (WO2016/168339)
[30] US (62/146,881) 2015-04-13

[21] **2,977,438**
[13] A1

[51] **Int.Cl. C08G 63/78 (2006.01) C07C 51/363 (2006.01) C07C 51/367 (2006.01) C08G 63/06 (2006.01) C12P 7/40 (2006.01) C12P 7/62 (2006.01) C12P 7/64 (2006.01)**
[25] FR
[54] **PROCESS FOR PRODUCING POLYHYDROXYALKANOATES FROM PRECURSORS OBTAINED BY ANAEROBIC FERMENTATION FROM FERMENTABLE BIOMASS**
[54] **PROCEDE DE PRODUCTION DE POLYHYDROXYALCANOATES A PARTIR DE PRECURSEURS OBTENUS PAR FERMENTATION ANAEROBIE A PARTIR DE BIOMASSE FERMENTESCIBLE**
[72] NOUAILLE, REGIS, FR
[72] PESSIOT, JEREMY, FR
[72] THIEULIN, MARIE, FR
[71] AFYREN, FR
[85] 2017-08-22
[86] 2016-02-17 (PCT/FR2016/050363)
[87] (WO2016/135396)
[30] FR (1551672) 2015-02-27

[21] **2,977,439**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) G06F 19/20 (2011.01)**
[25] EN
[54] **A MICRORNA-BASED METHOD FOR ASSESSING THE PROGNOSIS OF A PROSTATE CANCER PATIENT**
[54] **PROCEDE A BASE DE MICRO-ARN POUR EVALUER LE PRONOSTIC D'UN PATIENT ATTEINT DU CANCER DE LA PROSTATE**
[72] THOMSEN, RONFELDT ANNI, DK
[72] KRISTENSEN, HELLE, DK
[72] SORENSEN, DALSGAARD KARINA, DK
[72] KONGSBAK, LARS, DK
[72] MOURITZEN, PETER, DK
[72] ORNTOFT, TORBEN, DK
[71] EXIQON A/S, DK
[71] AARHUS UNIVERSITET, DK
[71] REGION MIDTJYLLAND, DK
[85] 2017-08-22
[86] 2016-02-26 (PCT/DK2016/050053)
[87] (WO2016/134727)
[30] DK (PA 2015 00113) 2015-02-27

[21] **2,977,443**
[13] A1

[51] **Int.Cl. A23P 10/40 (2016.01) A23L 5/00 (2016.01) A23L 27/00 (2016.01) A23L 29/30 (2016.01) A23P 10/30 (2016.01) A23P 20/10 (2016.01) A23L 2/39 (2006.01)**
[25] EN
[54] **FREE-FLOWING EDIBLE COMPOSITION, A FOODSTUFF COMPRISING IT, METHODS EMPLOYING IT AND A METHOD OF MAKING THE COMPOSITION**
[54] **COMPOSITION COMESTIBLE A ECOULEMENT LIBRE, PRODUIT ALIMENTAIRE LA COMPRENANT, SES PROCEDES D'UTILISATION ET PROCEDE DE PREPARATION DE LA COMPOSITION**
[72] SHEN, SHIJI, US
[72] BUTLER, SUSAN E, US
[72] HOFFMAN, ANDREW J., US
[72] KANTHAK, JUSTIN, US
[72] BRIDGES, JOHN, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2017-08-22
[86] 2016-02-16 (PCT/GB2016/050373)
[87] (WO2016/135449)
[30] US (62/120,755) 2015-02-25

[21] **2,977,472**
[13] A1

[51] **Int.Cl. C12N 7/01 (2006.01) A61K 38/00 (2006.01) C07K 14/00 (2006.01) C07K 14/52 (2006.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/86 (2006.01) C12N 15/867 (2006.01)**
[25] EN
[54] **RETROVIRAL AND LENTIVIRAL VECTORS**
[54] **VECTEURS RETROVIRAUX ET LENTIVIRAUX**
[72] PULE, MARTIN, GB
[72] MEKKAOUI, LEILA, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-08-22
[86] 2016-03-01 (PCT/GB2016/050537)
[87] (WO2016/139463)
[30] GB (1503500.9) 2015-03-02

Demandes PCT entrant en phase nationale

[21] **2,977,486**
[13] A1

[51] **Int.Cl. H01B 3/44 (2006.01) H01B 7/18 (2006.01) H01B 11/22 (2006.01)**

[25] EN

[54] **POLYOLEFIN COMPOUNDS FOR CABLE COATINGS**

[54] **COMPOSES DE POLYOLEFINE POUR REVETEMENTS DE CABLE**

[72] LEE, DAY-CHYUAN, US

[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US

[85] 2017-08-22

[86] 2016-02-03 (PCT/US2016/016264)

[87] (WO2016/137695)

[30] US (62/120,407) 2015-02-25

[21] **2,977,488**
[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/50 (2006.01) B01D 53/64 (2006.01) B01D 53/81 (2006.01) B01J 20/02 (2006.01) B01J 20/20 (2006.01) B01J 20/22 (2006.01)**

[25] EN

[54] **A FLUE GAS PURIFICATION SYSTEM AND PROCESS USING A SORBENT POLYMER COMPOSITE MATERIAL**

[54] **SYSTEME DE PURIFICATION DE GAZ D'EVACUATION ET PROCEDE UTILISANT UN MATERIAU COMPOSITE POLYMERE SORBANT**

[72] HARDWICK, STEVE, US

[72] LU, XIAO-CHUN, US

[71] W.L. GORE & ASSOCIATES, INC., US

[85] 2017-08-22

[86] 2016-02-25 (PCT/US2016/019446)

[87] (WO2016/138193)

[30] US (62/126,080) 2015-02-27

[30] US (15/051,853) 2016-02-24

[21] **2,977,496**
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01) A61F 9/009 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR FEMTOSECOND LASER PHOTOREFRACTIVE KERATECTOMY**

[54] **SYSTEMES ET PROCEDES POUR PHOTOKERATECTOMIE REFRACTIVE AU LASER FEMTOSECONDE**

[72] FU, HONG, US

[71] AMO DEVELOPMENT, LLC, US

[85] 2017-08-22

[86] 2015-12-14 (PCT/US2015/065622)

[87] (WO2016/137560)

[30] US (62/121,241) 2015-02-26

[21] **2,977,515**
[13] A1

[51] **Int.Cl. C05G 3/08 (2006.01) C05C 9/00 (2006.01) C05G 3/00 (2006.01) C05G 5/00 (2006.01)**

[25] EN

[54] **GRANULAR UREA FERTILIZER WITH NITROGEN STABILIZER ADDITIVES**

[54] **ENGRAIS GRANULAIRE D'UREE CONTENANT DES ADDITIFS STABILISANTS A BASE D'AZOTE**

[72] GABRIELSON, KURT, US

[72] SUTTON, ALLEN, US

[72] OWUSU-ADOM, KWAME, US

[72] KUTTENKULER, DAN, US

[71] KOCH AGRONOMIC SERVICES, LLC, US

[85] 2017-08-22

[86] 2016-02-18 (PCT/US2016/018489)

[87] (WO2016/137815)

[30] US (62/120,101) 2015-02-24

[21] **2,977,526**
[13] A1

[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/107 (2014.01) H04N 19/157 (2014.01) H04N 19/174 (2014.01) H04N 19/70 (2014.01)**

[25] EN

[54] **MODIFICATION OF UNIFICATION OF INTRA BLOCK COPY AND INTER SIGNALING RELATED SYNTAX AND SEMANTICS**

[54] **MODIFICATION D'UNIFICATION DE SYNTAXE ET DE SEMANTIQUE RELATIVES A LA COPIE INTRA-BLOC ET A LA SIGNALISATION INTER**

[72] YU, YUE, US

[72] WANG, LIMIN, US

[72] GU, ZHOUYE, US

[71] ARRIS ENTERPRISES LLC, US

[85] 2017-08-22

[86] 2016-02-29 (PCT/US2016/020035)

[87] (WO2016/138513)

[30] US (62/121,595) 2015-02-27

[30] US (15/055,870) 2016-02-29

[21] **2,977,541**
[13] A1

[51] **Int.Cl. C12P 19/56 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/63 (2006.01) C12N 15/81 (2006.01) A23L 27/30 (2016.01)**

[25] EN

[54] **PRODUCTION OF NON-CALORIC SWEETENERS USING ENGINEERED WHOLE-CELL CATALYSTS**

[54] **PRODUCTION D'EDULCORANTS NON CALORIQUES AYANT RECOURS A DES CATALYSEURS DE CELLULES ENTIERES MODIFIEES**

[72] MAO, GUOHONG, US

[72] VICK, JACOB EDWARD, US

[72] LI, SHI-YAN, US

[72] YU, XIAODAN, US

[71] CONAGEN INC., US

[85] 2017-08-22

[86] 2016-04-14 (PCT/US2016/027458)

[87] (WO2016/168413)

[30] US (62/147,160) 2015-04-14

PCT Applications Entering the National Phase

[21] **2,977,542**
[13] A1

- [51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/24 (2006.01) C12M 1/30 (2006.01)**
[25] EN
[54] **METHODS OF DETECTING LISTERIA FROM AN ENVIRONMENTAL SAMPLE**
[54] **METHODES DE DETECTION DE LISTERIA DANS UN ECHANTILLON ENVIRONNEMENTAL**
[72] NELSON, JOHN, US
[72] BISWAS, PREETHA, US
[72] ZHANG, LEI, US
[72] MOZOLA, MARK A., US
[72] PINKAVA, LISA, US
[72] BROOKMAN, DAVID, CA
[71] NEOGEN CORPORATION, US
[85] 2017-08-22
[86] 2016-09-13 (PCT/US2016/051426)
[87] (WO2017/048664)
[30] US (62/218,678) 2015-09-15

[21] **2,977,583**
[13] A1

- [51] **Int.Cl. H04W 4/06 (2009.01) H04W 12/04 (2009.01) H04W 12/06 (2009.01) H04W 72/12 (2009.01) H04W 84/10 (2009.01)**
[25] EN
[54] **MULTICAST SCHEDULING BETWEEN DEVICES PARTICIPATING IN A NAN DATA LINK**
[54] **PROGRAMMATION DE MULTIDIFFUSION ENTRE DES DISPOSITIFS PARTICIPANT A UNE LIAISON DE DONNEES DE RESEAU DE PROXIMITE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] LEE, SOO BUM, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-22
[86] 2016-03-22 (PCT/US2016/023591)
[87] (WO2016/154207)
[30] US (62/137,125) 2015-03-23
[30] US (62/165,652) 2015-05-22
[30] US (62/181,722) 2015-06-18
[30] US (62/207,874) 2015-08-20
[30] US (62/249,870) 2015-11-02
[30] US (62/261,266) 2015-11-30
[30] US (62/298,398) 2016-02-22
[30] US (15/076,129) 2016-03-21

[21] **2,977,603**
[13] A1

- [51] **Int.Cl. A23K 10/20 (2016.01) A23K 40/25 (2016.01) A23K 50/42 (2016.01) A23L 5/00 (2016.01) A23L 13/60 (2016.01) A23P 30/20 (2016.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS USING FRESH OR FROZEN MEAT TO IMPROVE FOOD EFFICIENCY IN ANIMALS SUCH AS DOGS**
[54] **PROCEDES ET COMPOSITIONS UTILISANT DE LA VIANDE FRAICHE OU CONGEELEE POUR AMELIORER L'EFFICACITE ALIMENTAIRE D'ANIMAUX TELS QUE DES CHIENS**
[72] BOUTHEGOURD, JEAN-CHRISTOPHE, FR
[72] ROOS, MARK ALAN, US
[72] CLETY, NATHALIE, FR
[72] DOARE-BROUX, KARINE, FR
[72] LORCY, GWENDAL, FR
[71] NESTEC S.A., CH
[85] 2017-08-23
[86] 2016-03-17 (PCT/IB2016/051516)
[87] (WO2016/151440)
[30] US (62/136,701) 2015-03-23

[21] **2,977,617**
[13] A1

- [51] **Int.Cl. A23L 27/30 (2016.01) A23L 33/125 (2016.01) A23L 2/60 (2006.01) C07H 3/02 (2006.01) C13K 13/00 (2006.01)**
[25] EN
[54] **ALLULOSE SYRUPS**
[54] **SIROPS D'ALLULOSE**
[72] WOODYER, RYAN D., US
[72] LLOYD-JONES, PETER, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2017-08-23
[86] 2016-02-19 (PCT/GB2016/050422)
[87] (WO2016/135458)
[30] US (62/120,165) 2015-02-24
[30] US (62/168,337) 2015-05-29

[21] **2,977,621**
[13] A1

- [51] **Int.Cl. C07K 16/38 (2006.01) A61K 39/395 (2006.01) A61P 7/04 (2006.01) C07K 16/36 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **NOVEL ANTIBODY BINDING TO TFPI AND COMPOSITION COMPRISING THE SAME**
[54] **NOUVEL ANTICORPS SE LIANT A LA TFPI ET COMPOSITION LE COMPRENANT**
[72] KIM, DONG-SIK, KR
[72] LEE, MI JUNG, KR
[72] PARK, JAE CHAN, KR
[72] LEE, SUMIN, KR
[72] KWAK, HEECHUN, KR
[72] HWANG, SUNGHO, KR
[72] LIM, HYUNG-KWON, KR
[72] KIM, KISU, KR
[72] PARK, YOUNG SEOUB, KR
[72] JEONG, JUNHONG, KR
[72] CHO, KI JOON, KR
[71] MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, KR
[85] 2017-08-23
[86] 2015-12-29 (PCT/KR2015/014370)
[87] (WO2016/137108)
[30] KR (10-2015-0026555) 2015-02-25
[30] KR (10-2015-0135761) 2015-09-24

[21] **2,977,680**
[13] A1

- [51] **Int.Cl. H04N 19/142 (2014.01) H04N 21/81 (2011.01) H04N 21/8358 (2011.01) G06T 7/10 (2017.01) G06K 9/00 (2006.01)**
[25] EN
[54] **DETECTING OF GRAPHICAL OBJECTS TO IDENTIFY VIDEO DEMARCATIONS**
[54] **DETECTION D'OBJETS GRAPHIQUES POUR IDENTIFIER DES DEMARCATIONS VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-08-23
[86] 2016-03-03 (PCT/US2016/020709)
[87] (WO2016/144699)
[30] US (14/640,147) 2015-03-06

Demandes PCT entrant en phase nationale

[21] **2,977,687**
[13] A1

[51] **Int.Cl. C12N 15/00 (2006.01) C07K 16/00 (2006.01) C12N 15/09 (2006.01) C12P 21/00 (2006.01) C12Q 1/68 (2006.01) C40B 10/00 (2006.01) C40B 30/00 (2006.01) C40B 40/02 (2006.01) C40B 40/10 (2006.01)**

[25] EN
[54] **CONDITIONALLY ACTIVE BIOLOGICAL PROTEINS**
[54] **PROTEINES BIOLOGIQUES CONDITIONNELLEMENT ACTIVES**

[72] CHANG, HWAI WEN, US
[72] FREY, GERHARD, US
[72] SHORT, JAY M., US
[71] BIOATLA, LLC, US
[85] 2017-08-23
[86] 2016-02-24 (PCT/US2016/019242)
[87] (WO2016/138071)
[30] US (62/120,312) 2015-02-24
[30] US (62/249,907) 2015-11-02

[21] **2,977,695**
[13] A1

[51] **Int.Cl. G08B 3/10 (2006.01) A61M 1/14 (2006.01) A61M 1/16 (2006.01)**

[25] EN
[54] **ADJUSTING SOUND ON A MEDICAL DEVICE**
[54] **REGLAGE DE SON SUR UN DISPOSITIF MEDICAL**

[72] TARN, JEFFREY, US
[72] WANG, FEI, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2017-08-23
[86] 2016-03-04 (PCT/US2016/020888)
[87] (WO2016/160266)
[30] US (14/670,777) 2015-03-27

[21] **2,977,761**
[13] A1

[51] **Int.Cl. H04W 88/16 (2009.01) H04W 72/12 (2009.01) H04W 80/02 (2009.01) G01D 4/00 (2006.01) H04B 1/713 (2011.01) H04J 3/16 (2006.01)**

[25] EN
[54] **INTERLEAVED COMMUNICATION WITH RESOURCE PROVIDERS AND A HOME AREA NETWORK**
[54] **COMMUNICATION ENTRELACEE AVEC DES FOURNISSEURS DE RESSOURCE ET UN RESEAU DOMESTIQUE**

[72] CALVERT, CHRIS, US
[72] CHASKO, STEPHEN, US
[72] HARTMAN, JAMES, US
[72] HOLCOMBE, SEAN, US
[72] SHUDARK, JEFF, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2017-08-24
[86] 2015-10-26 (PCT/US2015/057325)
[87] (WO2016/153557)
[30] US (62/136,028) 2015-03-20

[21] **2,977,777**
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01) H04W 40/22 (2009.01) H04W 40/24 (2009.01) H04W 74/08 (2009.01) H04W 80/02 (2009.01)**

[25] EN
[54] **WIRELESS NETWORK FOR SENSOR ARRAY**
[54] **RESEAU SANS FIL POUR RESEAU DE CAPTEURS**

[72] DAVIS, ALMIR D., US
[72] WILMARTH, ROGER J., US
[72] BABCOCK IV, PHILIP S., US
[72] KHAN, IMRAN, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2017-08-24
[86] 2016-01-21 (PCT/US2016/014241)
[87] (WO2016/175905)
[30] US (14/697,831) 2015-04-28

[21] **2,977,865**
[13] A1

[51] **Int.Cl. G06F 3/05 (2006.01) G06F 5/00 (2006.01) G06F 7/00 (2006.01)**

[25] EN
[54] **DATA PROCESSOR, DATA PROCESSING METHOD AND COMMUNICATION DEVICE**
[54] **PROCESSEUR DE DONNEES, METHODES DE TRAITEMENT DES DONNEES ET DISPOSITIF DE COMMUNICATION**

[72] ONUMA, YASUHARU, JP
[72] YAMAZAKI, ETSUSHI, JP
[72] TAKEI, KAZUHITO, JP
[72] ISHIDA, OSAMU, JP
[72] HORIKOSHI, KENGO, JP
[72] YOSHIDA, MITSUTERU, JP
[72] KISAKA, YOSHIKI, JP
[72] TOMIZAWA, MASAHITO, JP
[71] NTT ELECTRONICS CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2017-08-30
[86] 2017-01-16 (PCT/JP2017/001195)
[87] (2977865)
[30] JP (2016-044777) 2016-03-08

[21] **2,977,890**
[13] A1

[51] **Int.Cl. H01Q 15/16 (2006.01)**

[25] FR
[54] **ANTENNA REFLECTOR IN PARTICULAR FOR SPACECRAFT**
[54] **REFLECTEUR D'ANTENNE, EN PARTICULIER POUR ENGIN SPATIAL**

[72] LOUIS, AUDREY-MARINE, FR
[72] RAULT, REGIS, FR
[72] VEILLERAUD, FREDERIC, FR
[71] ARIANEGROUP SAS, FR
[85] 2017-08-25
[86] 2016-03-08 (PCT/FR2016/000039)
[87] (WO2016/142591)
[30] FR (15 00456) 2015-03-10

PCT Applications Entering the National Phase

[21] **2,977,899**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/12 (2006.01)**
[25] FR
[54] **SECURE TRANSFER OF AUTHENTICATION INFORMATION**
[54] **TRANSFERT SECURISE D'INFORMATION D'AUTHENTIFICATION**
[72] ADDA, SERGE, FR
[72] ZHOU, RAPHAEL, FR
[71] WALLIX, FR
[85] 2017-08-25
[86] 2016-03-03 (PCT/FR2016/050482)
[87] (WO2016/139427)
[30] FR (1551784) 2015-03-03

[21] **2,977,959**
[13] A1

[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/258 (2011.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR RECOMMENDING MEDIA CONTENT**
[54] **PROCEDES ET SYSTEMES DE RECOMMANDATION DE CONTENU MULTIMEDIA**
[72] STATHACOPOULOS, PAUL, US
[72] MAUGHAN, BENJAMIN, US
[71] ROVI GUIDES, INC., US
[85] 2017-08-25
[86] 2016-02-25 (PCT/US2016/019536)
[87] (WO2016/138252)
[30] US (14/634,640) 2015-02-27

[21] **2,979,709**
[13] A1

[51] **Int.Cl. A01K 67/033 (2006.01) A01K 67/00 (2006.01)**
[25] EN
[54] **METHOD AND FACILITY FOR BREEDING INSECTS**
[54] **PROCEDE ET INSTALLATION POUR L'ELEVAGE D'INSECTES**
[72] CALIS, JOHANNES IGNATIUS MARIA, NL
[72] FRANKEN, PIETER JOHANNES ANTONIUS, NL
[71] PROTI-FARM R & D B.V., NL
[85] 2017-09-13
[86] 2016-03-10 (PCT/NL2016/050166)
[87] (WO2016/153338)
[30] NL (2014513) 2015-03-24

[21] **2,980,192**
[13] A1

[51] **Int.Cl. B65B 43/00 (2006.01) B65B 25/00 (2006.01) B65B 41/02 (2006.01) B65B 41/16 (2006.01) B65B 43/04 (2006.01) B65B 47/04 (2006.01) B65B 51/00 (2006.01) B65B 51/10 (2006.01) B65B 51/16 (2006.01) B65B 61/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FORMING PACKAGES**
[54] **PROCEDE ET SYSTEME POUR FORMER DES EMBALLAGES**
[72] WALSH, JOSEPH C., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2017-09-18
[86] 2016-04-29 (PCT/US2016/030046)
[87] (WO2016/176554)
[30] US (62/179,172) 2015-04-29
[30] US (62/179,480) 2015-05-08

[21] **2,980,354**
[13] A1

[51] **Int.Cl. B65B 43/00 (2006.01) B65B 41/06 (2006.01) B65B 41/16 (2006.01) B65B 43/04 (2006.01) B65B 43/10 (2006.01) B65B 47/06 (2006.01) B65B 51/00 (2006.01) B65B 51/02 (2006.01) B65B 51/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FORMING PACKAGES**
[54] **PROCEDE ET SYSTEME DE FORMATION D'EMBALLAGES**
[72] WALSH, JOSEPH C., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2017-09-19
[86] 2016-04-29 (PCT/US2016/029989)
[87] (WO2016/176540)
[30] US (62/179,172) 2015-04-29

[21] **2,980,439**
[13] A1

[51] **Int.Cl. E21B 47/005 (2012.01) E21B 47/07 (2012.01) G01N 33/38 (2006.01)**
[25] EN
[54] **APPLICATION OF TIME DERIVATIVE OF DISTRIBUTED TEMPERATURE SURVEY (DTS) IN IDENTIFYING CEMENT CURING TIME AND CEMENT TOP**
[54] **APPLICATION DE DERIVEE TEMPORELLE DE RELEVÉ DE TEMPERATURE DISTRIBUEE (DTS) DANS L'IDENTIFICATION D'UN TEMPS DE DURCISSEMENT DE CIMENT ET PARTIE SUPERIEURE EN CIMENT**
[72] DUAN, HONGYAN, US
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-20
[86] 2015-06-15 (PCT/US2015/035808)
[87] (WO2016/204721)

[21] **2,980,455**
[13] A1

[51] **Int.Cl. E21B 33/16 (2006.01) E21B 33/05 (2006.01)**
[25] EN
[54] **ROTARY SLEEVE TO CONTROL ANNULAR FLOW**
[54] **MANCHON ROTATIF DE COMMANDE DE DEBIT ANNULAIRE**
[72] ROGOZINSKI, NICOLAS, US
[72] ROGERS, HENRY EUGENE, US
[72] MCMILLIAN, SAMUEL TRAVIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-20
[86] 2015-06-29 (PCT/US2015/038339)
[87] (WO2017/003429)

Demandes PCT entrant en phase nationale

[21] **2,980,475**
[13] A1

[51] **Int.Cl. E01C 9/08 (2006.01) E01C 5/00 (2006.01) E01C 11/16 (2006.01) F16B 9/02 (2006.01) F16M 13/02 (2006.01)**

[25] EN

[54] **APPARATUS, SYSTEM AND METHODS FOR SUPPORTING ONE OR MORE UPRIGHT ITEMS FROM A SUPPORT SURFACE**

[54] **APPAREIL, SYSTEME ET PROCÉDES POUR SERVIR DE SUPPORT A UN OU PLUSIEURS ARTICLES VERTICAUX A PARTIR D'UNE SURFACE D'APPUI**

[72] MCDOWELL, JAMES KERWIN, US
[72] ROGERS, DONALD SCOTT, US
[72] CAVALIER, GRANT STEVEN, US
[72] MCDONALD, BILLY JAMES, US
[71] NEWPARK MATS & INTEGRATED SERVICES LLC, US

[85] 2017-09-20
[86] 2016-04-20 (PCT/US2016/028339)
[87] (WO2016/172140)
[30] US (62/151,817) 2015-04-23
[30] US (15/132,410) 2016-04-19

[21] **2,980,522**
[13] A1

[51] **Int.Cl. A61M 16/08 (2006.01) A61M 16/06 (2006.01) A61M 16/20 (2006.01)**

[25] EN

[54] **APPARATUS FOR USE IN A RESPIRATORY SUPPORT SYSTEM**

[54] **APPAREIL DESTINE A ETRE UTILISE DANS UN SYSTEME D'ASSISTANCE RESPIRATOIRE**

[72] HOLYOAKE, BRUCE GORDON, NZ
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] WHITE, CRAIG KARL, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] BARRACLOUGH, MICHAEL ROBERT, NZ
[72] SMITH, DANIEL JOHN, NZ
[72] POWELL, KEVIN BLAKE, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ

[85] 2017-09-21
[86] 2016-03-31 (PCT/IB2016/051815)
[87] (WO2016/157101)
[30] US (62/140,648) 2015-03-31
[30] US (62/196,235) 2015-07-23
[30] US (62/242,549) 2015-10-16

[21] **2,980,528**
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01) A61M 15/08 (2006.01)**

[25] EN

[54] **NASAL CANNULA**

[54] **CANULE NASALE**

[72] OLDFIELD, SAMANTHA DALE, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] GULLIVER, LAURENCE, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] BARRACLOUGH, MICHAEL, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] SCHEIRLINCK, ERIK ROBERTUS, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] WHITE, CRAIG KARL, NZ
[72] PAYTON, MATTHEW JON, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ

[85] 2017-09-21
[86] 2016-03-31 (PCT/IB2016/051817)
[87] (WO2016/157103)
[30] US (62/140,776) 2015-03-31
[30] US (62/140,836) 2015-03-31

[21] **2,980,536**
[13] A1

[51] **Int.Cl. A61M 39/02 (2006.01) A61M 25/01 (2006.01) A61M 39/10 (2006.01) A61B 5/15 (2006.01)**

[25] EN

[54] **DEVICE FOR INTRODUCING AND MAINTAINING A PORT IN AN UMBILICAL VESSEL**

[54] **DISPOSITIF DESTINE A INTRODUIRE ET A MAINTENIR UN PORT DANS UN VAISSEAU UMBILICAL**

[72] EIDE, TERJE, NO
[71] EIDE, TERJE, NO
[85] 2017-09-21
[86] 2016-03-18 (PCT/NO2016/050052)
[87] (WO2016/153357)
[30] NO (20150362) 2015-03-25

[21] **2,980,549**
[13] A1

[51] **Int.Cl. E21B 47/008 (2012.01) F04D 13/10 (2006.01) F04D 15/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RESERVOIR MANAGEMENT USING ELECTRICAL SUBMERSIBLE PUMPS AS VIRTUAL SENSORS**

[54] **SYSTEME ET PROCÉDE POUR GESTION DE RESERVOIR AU MOYEN DE POMPES ELECTRIQUES SUBMERSIBLES COMME CAPTEUR VIRTUEL**

[72] VITTAL, SAMEER, US
[72] HE, RENEE, US
[72] SPORER, MARK ANDREW, US
[72] HUGHES, MICHAEL FRANKLIN, US
[71] GE OIL & GAS ESP, INC., US

[85] 2017-09-21
[86] 2015-03-25 (PCT/US2015/022472)
[87] (WO2016/153502)

[21] **2,980,556**
[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/117 (2006.01) A61B 5/00 (2006.01)**

[25] EN

[54] **MULTIPLE DEPTH OPTICAL COHERENCE TOMOGRAPHY SYSTEM AND METHOD AND LASER EYE SURGERY SYSTEM INCORPORATING THE SAME**

[54] **SYSTEME DE TOMOGRAPHIE PAR COHERENCE OPTIQUE DE PROFONDEUR MULTIPLE ET PROCÉDE ET SYSTEME DE CHIRURGIE OCULAIRE AU LASER L'INCORPORANT**

[72] SCHUELE, GEORG, US
[71] OPTIMEDICA CORPORATION, US

[85] 2017-09-21
[86] 2015-12-16 (PCT/US2015/065998)
[87] (WO2016/153571)
[30] US (62/138,232) 2015-03-25

PCT Applications Entering the National Phase

[21] **2,980,563**
[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/08 (2010.01)**
[25] EN
[54] **DISPENSER DOSING BASED ON HAND SIZE**
[54] **DISPOSITIF DE DOSAGE DE DISTRIBUTEUR BASE SUR LA TAILLE DE LA MAIN**
[72] PELFREY, KEITH ALLEN, US
[72] CIAVARELLA, NICK E., US
[72] BULLOCK, MARK A., US
[72] MOORE, MARK W., US
[72] WEGELIN, JACKSON W., US
[71] GOJO INDUSTRIES, INC., US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024157)
[87] (WO2016/154512)
[30] US (62/138,362) 2015-03-25
[30] US (62/249,506) 2015-11-02
[30] US (62/277,146) 2016-01-11

[21] **2,980,569**
[13] A1

[51] **Int.Cl. A01K 5/00 (2006.01) A01K 5/01 (2006.01) A01K 15/02 (2006.01)**
[25] EN
[54] **SYSTEMS FOR FEEDING CATS, METHODS OF USE OF THE SYSTEMS AND PACKAGING FOR THE SYSTEMS**
[54] **SYSTEMES POUR ALIMENTER LES CHATS, PROCEDES D'UTILISATION DES SYSTEMES ET CONDITIONNEMENT POUR LES SYSTEMES**
[72] BALES, ELIZABETH B., US
[72] KRUPNICK, STEVEN B., US
[71] FELINE ENVIRONMENTAL ENRICHMENT DESIGN COMPANY, LLC, US
[85] 2017-09-21
[86] 2016-03-23 (PCT/US2016/023693)
[87] (WO2016/154257)
[30] US (62/137,501) 2015-03-24
[30] US (62/221,768) 2015-09-22
[30] US (15/074,557) 2016-03-18

[21] **2,980,576**
[13] A1

[51] **Int.Cl. A61J 7/04 (2006.01) A61J 7/00 (2006.01) G06F 19/00 (2011.01) A61J 7/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PORTABLE PILL DISPENSERS**
[54] **SYSTEMES ET PROCEDES POUR DISTRIBUTEURS DE PILULES PORTATIVES**
[72] HANCOCK, ASHLEY B., US
[72] MALICE, LOUIS F., JR., US
[72] FISHER, MICHAEL A., US
[72] STRANE, PATRICK W., US
[72] GLATZER, MICHAEL J., US
[72] INGOLDBY, MICHAEL GEORGE, US
[72] MEADOWS, ANDREW SCOTT, US
[72] CROWLEY, CHRISTOPHER THOMAS, US
[71] INTENT SOLUTIONS, INC., US
[85] 2017-09-21
[86] 2016-03-28 (PCT/US2016/024435)
[87] (WO2016/164187)
[30] US (62/143,096) 2015-04-04

[21] **2,980,585**
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/152 (2006.01) A61M 5/178 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **PRESSURIZED GAS POWERED MEDICAMENT TRANSFER AND RE-SUSPENSION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRANSFERT ET DE REMISE EN SUSPENSION DE MEDICAMENT ALIMENTE PAR GAZ SOUS PRESSION**
[72] DUNKI-JACOBS, ADAM, US
[72] HOOVEN, MICHAEL D., US
[72] HUDDLESTON, MATTHEW J., US
[72] NUCHOLS, RICHARD P., US
[72] PALMER, JOETTA RENEE, US
[72] STEFANCHIK, DAVID, US
[71] ENABLE INJECTIONS, INC, US
[85] 2017-09-21
[86] 2016-03-24 (PCT/US2016/023973)
[87] (WO2016/154413)
[30] US (62/138,762) 2015-03-26

[21] **2,980,591**
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/02 (2009.01) G07C 1/10 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD TO TRACK TIME & ATTENDANCE OF AN INDIVIDUAL AT A WORKPLACE FOR A SCHEDULED WORKSHIFT**
[54] **SYSTEME ET PROCEDE DE SUIVI D'HORAIRE ET D'ASSIDUITE D'UN INDIVIDU SUR UN LIEU DE TRAVAIL POUR UN POSTE DE TRAVAIL PROGRAMME**
[72] DICKERSON, BRYAN, US
[72] TALLON, JONATHAN, US
[72] SUTCLIFFE, GARY, US
[71] API HEALTHCARE CORPORATION, US
[85] 2017-09-21
[86] 2016-03-30 (PCT/US2016/024863)
[87] (WO2016/160901)
[30] US (14/673,030) 2015-03-30

[21] **2,980,594**
[13] A1

[51] **Int.Cl. A63G 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POSITIONING VEHICLES OF AN AMUSEMENT PARK ATTRACTION**
[54] **SYSTEME ET PROCEDE POUR POSITIONNER DES VEHICULES D'ATTRACTION DE PARC D'ATTRACTION**
[72] BOYLE, PATRICK DEVIN, US
[72] VANCE, ERIC A., US
[72] COUP, THIERRY, US
[72] MCVEEN, KEITH MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-09-21
[86] 2016-03-31 (PCT/US2016/025289)
[87] (WO2016/161128)
[30] US (62/141,086) 2015-03-31
[30] US (15/085,910) 2016-03-30

Demandes PCT entrant en phase nationale

[21] **2,980,603**
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06F 3/16 (2006.01)**

[25] EN

[54] **DIDACTIC INFORMATION PORTAL SYSTEM**

[54] **SYSTEME DE PORTAIL D'INFORMATIONS DIDACTIQUES**

[72] SMITH, GAVIN R., GB

[72] REYMANN, STEFFEN, GB

[71] CUBIC CORPORATION, US

[85] 2017-09-21

[86] 2016-04-14 (PCT/US2016/027559)

[87] (WO2016/168477)

[30] US (62/147,499) 2015-04-14

[21] **2,980,615**
[13] A1

[51] **Int.Cl. B60P 3/34 (2006.01) B60J 10/24 (2016.01) F16J 15/02 (2006.01) F16J 15/50 (2006.01)**

[25] EN

[54] **SLIDE OUT SEAL WITH BOX TUNNEL**

[54] **JOINT POUR PIECE COULISSANTE COMPORTANT UN TUNNEL FORMANT BOITE**

[72] KSIEZOPOLSKI, EDWIN E., US

[71] LIFETIME INDUSTRIES, INC., US

[85] 2017-09-21

[86] 2016-03-30 (PCT/US2016/024913)

[87] (WO2016/160922)

[30] US (14/672,660) 2015-03-30

[21] **2,980,666**
[13] A1

[51] **Int.Cl. B60C 23/20 (2006.01) B60C 23/04 (2006.01)**

[25] FR

[54] **METHOD FOR DETERMINING THE TEMPERATURE OF AN INTERNAL PART OF THE MATERIALS OF A TYRE**

[54] **METHODE DE DETERMINATION DE LA TEMPERATURE D'UNE PARTIE INTERNE DES MATERIAUX D'UN PNEUMATIQUE**

[72] SPINLER, OLIVIER, FR

[72] DONDEY, PHILIPPE, FR

[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR

[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH

[85] 2017-09-22

[86] 2016-03-21 (PCT/FR2016/050616)

[87] (WO2016/151226)

[30] FR (1552412) 2015-03-24

[21] **2,980,668**
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01) G06Q 30/04 (2012.01) G06Q 50/18 (2012.01)**

[25] EN

[54] **COMPUTER SYSTEM FOR CALCULATING TRANSLATION COSTS**

[54] **SYSTEME INFORMATIQUE DE CALCUL DE COUTS DE TRADUCTION**

[72] SIMPKIN, NEIL THOMAS, GB

[72] SITCH, CHARLES EDWARD, GB

[72] BIERRUM, HUGH ALEXANDER, GB

[72] RAY, SASMITA, AU

[72] SARANGAPANI, SENTHIL KUMAR, AU

[72] SELVARAJ, JOHN WILFRED, AU

[72] COOMBES, BENJAMIN LESLIE, GB

[72] CURLEY, BEN JOHN, AU

[72] SIMPSON, JUSTIN RYAN, AU

[71] RWS TRANSLATIONS LTD, GB

[85] 2017-09-22

[86] 2016-03-24 (PCT/GB2016/050844)

[87] (WO2016/151333)

[30] GB (1505079.2) 2015-03-25

[21] **2,980,677**
[13] A1

[51] **Int.Cl. F16N 23/00 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F16K 7/17 (2006.01) F16N 21/00 (2006.01)**

[25] FR

[54] **OIL JET FOR TURBINE ENGINE**

[54] **GICLEUR D'HUILE POUR TURBOMACHINE**

[72] BAUDUIN, LIONEL, FR

[72] GUILLEMONT, MAXENCE, FR

[72] VIEL, JULIEN, FR

[71] SAFRAN TRANSMISSION SYSTEMS, FR

[85] 2017-09-22

[86] 2016-03-31 (PCT/FR2016/050729)

[87] (WO2016/156744)

[30] FR (1552859) 2015-04-02

[21] **2,980,682**
[13] A1

[51] **Int.Cl. F16K 11/087 (2006.01) F16K 5/06 (2006.01) F16K 27/06 (2006.01) F24D 12/02 (2006.01) F24D 19/10 (2006.01)**

[25] EN

[54] **MULTIWAY VALVE WITH BYPASS CIRCUIT**

[54] **VANNE A VOIES MULTIPLES A CIRCUIT DE DERIVATION**

[72] ARRUS, PAOLO, IT

[72] MOLINA, SAMUELE, IT

[72] ZUFFELLATO, ANDREA, IT

[72] ALBERGANTI, GIACOMO, IT

[72] ROSA BRUSIN, MARCO, IT

[71] GIACOMINI S.P.A., IT

[85] 2017-09-22

[86] 2016-04-08 (PCT/IB2016/052011)

[87] (WO2016/162848)

[30] IT (MI2015A000504) 2015-04-09

PCT Applications Entering the National Phase

[21] **2,980,684**
[13] A1

[51] **Int.Cl. A61C 5/40 (2017.01) A61C 1/12 (2006.01) A61C 19/04 (2006.01) G09B 9/00 (2006.01) G09B 23/28 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TRAINING DENTISTS IN ENDODONTIC TREATMENT TECHNIQUES**

[54] **SYSTEME ET PROCEDE POUR FORMER DES DENTISTES A DES TECHNIQUES DE TRAITEMENT ENDODONTIQUE**

[72] PIRAS, FRANCESCO, CH

[72] KUJAWA, BORIS, CH

[71] DENTSPLY SIRONA INC., US

[85] 2017-09-22

[86] 2016-04-26 (PCT/IB2016/052351)

[87] (WO2016/174572)

[30] EP (15165561.0) 2015-04-29

[21] **2,980,688**
[13] A1

[51] **Int.Cl. F02C 9/18 (2006.01) F02C 6/08 (2006.01) F02K 3/075 (2006.01)**

[25] FR

[54] **DISCHARGE FLOW DUCT OF A TURBINE ENGINE COMPRISING A VBV GRATING WITH VARIABLE SETTING**

[54] **CONDUIT DE VEINE DE DECHARGE D'UNE TURBOMACHINE COMPRENANT UNE GRILLE VBV A CALAGE VARIABLE**

[72] BRUHAT, JEAN-FREDERIC PIERRE JOSEPH, FR

[72] FESSOU, PHILIPPE, JACQUES PIERRE, FR

[72] LUKOWSKI, BENJAMIN, FR

[71] SAFRAN AIRCRAFT ENGINES, FR

[85] 2017-09-22

[86] 2016-03-31 (PCT/FR2016/050716)

[87] (WO2016/156739)

[30] FR (1552808) 2015-04-01

[21] **2,980,699**
[13] A1

[51] **Int.Cl. H02S 30/10 (2014.01) H02S 20/22 (2014.01) E04D 13/18 (2014.01) F16B 5/06 (2006.01)**

[25] EN

[54] **PANEL FOR INSTALLING SOLAR BATTERY MODULE**

[54] **PANNEAU PERMETTANT D'INSTALLER UN MODULE DE BATTERIE SOLAIRE**

[72] YOON, YESEUL, KR

[71] I-SOLAR ENERGY CO., LTD., KR

[85] 2017-09-22

[86] 2016-03-24 (PCT/KR2016/002982)

[87] (WO2016/153285)

[30] KR (10-2015-0040951) 2015-03-24

[21] **2,980,705**
[13] A1

[51] **Int.Cl. G01F 15/14 (2006.01) G01F 1/84 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR REDUCING BRAZE JOINT STRESS IN A VIBRATING FLOWMETER**

[54] **APPAREIL ET PROCEDE POUR REDUIRE UNE CONTRAINTE DE JOINT DE BRASAGE DANS UN DEBITMETRE VIBRANT**

[72] NIELSON, JEFFREY D., US

[72] LANHAM, GREGORY TREAT, US

[72] WERBACH, CHRISTOPHER A., US

[72] BHARGAVA, NIKHIL, IN

[72] VIDHATE, ANAND, IN

[72] FLEMING, DAVID, US

[72] ASHBY, LYLE DEE, US

[71] MICRO MOTION, INC., US

[85] 2017-09-22

[86] 2015-03-25 (PCT/US2015/022364)

[87] (WO2016/153494)

[21] **2,980,714**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/34 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **DEVICES FOR TARGETED DELIVERY OF THERAPEUTIC IMPLANTS**

[54] **DISPOSITIFS POUR L'ADMINISTRATION CIBLEE D'IMPLANTS THERAPEUTIQUES**

[72] WETZEL, LANCE, US

[72] SHETTY, GAUTAM N., US

[72] WEIR, AARON M., US

[72] RUSSO, ROBERT SCOTT, US

[71] UNL HOLDINGS LLC, US

[85] 2017-09-22

[86] 2015-04-01 (PCT/US2015/023789)

[87] (WO2016/160004)

[21] **2,980,716**
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01)**

[25] EN

[54] **HIGH-TO-LOW VOLTAGE COUPLERS AND COUPLING METHODS FOR SENSOR-EQUIPPED ELECTRIC SUBMERSIBLE PUMP SYSTEMS**

[54] **COUPLEURS A TENSION ELEVEE-BASSE ET PROCEDES DE COUPLAGE POUR SYSTEMES DE POMPE SUBMERSIBLE ELECTRIQUE EQUIPES D'UN CAPTEUR**

[72] ALMUHANA, ARAM SHIHAB KHALEEL, US

[72] BOYANAPALLY, SRILATHA, US

[72] GUPTA, SUDHIR KUMAR, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2017-09-22

[86] 2015-04-28 (PCT/US2015/027918)

[87] (WO2016/175759)

Demandes PCT entrant en phase nationale

[21] **2,980,717**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) E21B 43/26 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **SHALE GEOMECHANICS FOR MULTI-STAGE HYDRAULIC FRACTURING OPTIMIZATION IN RESOURCE SHALE AND TIGHT PLAYS**
[54] **GEOMECHANIQUE DU SCHISTE POUR L'OPTIMISATION DE LA FRACTURATION HYDRAULIQUE EN PLUSIEURS ETAPES DANS DES ZONES DE SCHISTE ETROITES**
[72] LEEM, JUNGHUN, PL
[72] REYNA, JUAN J., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-09-22
[86] 2015-04-30 (PCT/US2015/028578)
[87] (WO2016/175844)

[21] **2,980,720**
[13] A1

[51] **Int.Cl. F16J 15/34 (2006.01) F16C 11/04 (2006.01) F16J 15/06 (2006.01) F16J 15/50 (2006.01)**
[25] EN
[54] **SEAL FOR A JOINT ASSEMBLY**
[54] **JOINT DESTINE A UN ENSEMBLE DE RACCORD**
[72] CHAPAGAIN, PRADEEP, US
[72] MATHEW, SUNIL I., US
[72] HUDSON, CHARLES TAYLOR, US
[71] CATERPILLAR INC., US
[85] 2017-09-22
[86] 2016-02-24 (PCT/US2016/019245)
[87] (WO2016/160179)
[30] US (14/673,209) 2015-03-30

[21] **2,980,737**
[13] A1

[51] **Int.Cl. G06F 9/455 (2006.01)**
[25] EN
[54] **USING MULTIPLE PROTOCOLS IN A VIRTUAL DESKTOP INFRASTRUCTURE**
[54] **UTILISATION DE MULTIPLES PROTOCOLES DANS UNE INFRASTRUCTURE DE BUREAU VIRTUEL**
[72] PESSIS, DAVID, US
[72] SRINIVAS, NELAMANGAL KRISHNASWAMY, US
[72] HANIF, HAKIMUDDIN, US
[72] FARRELL, EUGENE MICHAEL, US
[72] SURYANARAYANAN, DEEPAK, US
[72] VERMA, VARUN, US
[72] TELLVIK, ERIK JONATHON, US
[72] THOMAS, NATHAN BARTHOLOMEW, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-09-22
[86] 2016-03-22 (PCT/US2016/023633)
[87] (WO2016/154226)
[30] US (14/668,543) 2015-03-25

[21] **2,980,741**
[13] A1

[51] **Int.Cl. B60G 11/27 (2006.01) B60G 17/08 (2006.01) F16F 9/05 (2006.01) F16F 15/02 (2006.01)**
[25] EN
[54] **DAMPING AIR SPRING AND SHOCK ABSORBER COMBINATION FOR HEAVY-DUTY VEHICLE AXLE/SUSPENSION SYSTEMS**
[54] **COMBINAISON DE RESSORT D'AMORTISSEMENT A AIR ET D'ABSORBEUR DE CHOCS POUR SYSTEMES D'ESSIEU/DE SUSPENSION DE VEHICULE LOURD**
[72] FULTON, R. SCOTT, US
[72] WESTNEDGE, ANDREW J., US
[72] LONG, THOMAS J., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2017-09-22
[86] 2016-03-25 (PCT/US2016/024209)
[87] (WO2016/154532)
[30] US (62/137,866) 2015-03-25

[21] **2,980,744**
[13] A1

[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/20 (2016.01) A61B 5/11 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PLANNING AND PERFORMING ARTHROPLASTY PROCEDURES USING MOTION-CAPTURE DATA**
[54] **METHODE ET SYSTEME DE PLANIFICATION ET D'EXECUTION D'INTERVENTIONS D'ARTHROPLASTIE A L'AIDE DE DONNEES DE CAPTURE DE MOUVEMENT**
[72] BEREND, MICHAEL E., US
[72] BAILEY, KIRK J., US
[72] BEREND, KEITH R., US
[72] LOMBARDI, ADOLPH V., US
[72] WHITE, JOHN, US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2017-09-22
[86] 2016-03-25 (PCT/US2016/024256)
[87] (WO2016/154554)
[30] US (62/138,452) 2015-03-26

[21] **2,980,746**
[13] A1

[51] **Int.Cl. B65B 67/12 (2006.01)**
[25] EN
[54] **APPLICATOR SYSTEMS AND METHODS FOR MOUNTING STRIP-LIKE FITMENTS TO FLEXIBLE PACKAGING**
[54] **SYSTEMES ET DES PROCEDES D'APPLICATEUR POUR MONTAGE D'ACCESSOIRES DE TYPE BANDE SUR UN EMBALLAGE SOUPLE**
[72] VERMA, VISHAAL BOEHM, US
[71] PROAMPAC INTERMEDIATE, INC., US
[85] 2017-09-22
[86] 2016-03-25 (PCT/US2016/024291)
[87] (WO2016/154569)
[30] US (62/137,993) 2015-03-25
[30] US (15/080,196) 2016-03-24

PCT Applications Entering the National Phase

[21] **2,980,764**
[13] A1

[51] **Int.Cl. F25B 21/02 (2006.01) A61G 11/00 (2006.01) F25D 31/00 (2006.01) H01L 23/36 (2006.01) H01L 35/28 (2006.01)**

[25] EN

[54] **THERMOELECTRIC TEMPERATURE CONTROLLED COOLER FOR BIOMEDICAL APPLICATIONS**

[54] **REFROIDISSEUR A REGULATION DE TEMPERATURE THERMOELECTRIQUE POUR APPLICATIONS BIOMEDICALES**

[72] VERGARA, JULIO L., US

[72] PADULA, ANDREW, US

[72] RESTREPO, LUCAS, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2017-09-22

[86] 2016-03-28 (PCT/US2016/024501)

[87] (WO2016/160691)

[30] US (62/139,676) 2015-03-28

[21] **2,980,767**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANAGING REMOTE DEVICES AND ACCESSING REMOTE DEVICE INFORMATION**

[54] **PROCEDE ET APPAREIL POUR GERER DES DISPOSITIFS DISTANTS ET ACCEDER A DES INFORMATIONS DE DISPOSITIFS DISTANTS**

[72] HERMANS, SEBASTIAAN, NL

[72] BEINAT, EURO, NL

[71] ZIH CORP., US

[85] 2017-09-22

[86] 2016-03-31 (PCT/US2016/025121)

[87] (WO2016/164236)

[30] US (14/683,973) 2015-04-10

[21] **2,980,772**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**

[25] EN

[54] **ENDPOINT MANAGEMENT SYSTEM PROVIDING AN APPLICATION PROGRAMMING INTERFACE PROXY SERVICE**

[54] **SYSTEME DE GESTION DE POINT D'EXTREMITE FOURNISSANT UN SERVICE DE MANDATAIRE D'INTERFACE DE PROGRAMMATION D'APPLICATION**

[72] THOMPSON, JONATHAN PAUL, US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2017-09-22

[86] 2016-04-07 (PCT/US2016/026514)

[87] (WO2016/164633)

[30] US (14/682,033) 2015-04-08

[21] **2,980,773**
[13] A1

[51] **Int.Cl. E05D 11/00 (2006.01) E05D 7/00 (2006.01)**

[25] EN

[54] **HINGE SENSOR FOR BARRIER**

[54] **CAPTEUR DE CHARNIERE POUR UNE BARRIERE**

[72] RICKS, SEAN, US

[72] WARREN, JEREMY B., US

[71] VIVINT, INC., US

[85] 2017-09-22

[86] 2016-04-11 (PCT/US2016/026952)

[87] (WO2016/171943)

[30] US (14/693,583) 2015-04-22

[21] **2,980,774**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR TISSUE REMOVAL**

[54] **SYSTEMES ET PROCEDES PERMETTANT UN RETRAIT DE TISSU**

[72] DO, ALEXANDRA, US

[72] PRAVONG, BOUN, US

[72] WACHLI, SERENE, US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2017-09-22

[86] 2016-04-25 (PCT/US2016/029154)

[87] (WO2016/172679)

[30] US (62/151,736) 2015-04-23

[21] **2,980,776**
[13] A1

[51] **Int.Cl. G09B 9/00 (2006.01) G09B 23/28 (2006.01) A61B 18/12 (2006.01)**

[25] EN

[54] **SYNTHETIC TISSUE STRUCTURES FOR ELECTROSURGICAL TRAINING AND SIMULATION**

[54] **STRUCTURES DE TISSU SYNTHETIQUES POUR SIMULATION ET APPRENTISSAGE D'ELECTROCHIRURGIE**

[72] FELSINGER, NATASHA, US

[72] CHEHAYEB, SAM, US

[72] BOLANOS, EDUARDO, US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2017-09-22

[86] 2016-05-13 (PCT/US2016/032292)

[87] (WO2016/183412)

[30] US (62/161,322) 2015-05-14

[30] US (62/257,877) 2015-11-20

[21] **2,980,781**
[13] A1

[51] **Int.Cl. A61B 1/07 (2006.01) A61B 90/30 (2016.01) F21V 8/00 (2006.01)**

[25] EN

[54] **DEFORMABLE AND SHAPE-ABLE SURGICAL LIGHTING DEVICE AND SYSTEM**

[54] **SYSTEME ET DISPOSITIF D'ECLAIRAGE CHIRURGICAL FACONNABLE ET DEFORMABLE**

[72] MAK, SIU WAI JACKY, CA

[72] WOOD, MICHAEL FRANK GUNTER, CA

[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB

[85] 2017-09-25

[86] 2015-03-27 (PCT/CA2015/050243)

[87] (WO2016/154724)

Demandes PCT entrant en phase nationale

[21] **2,980,786**
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01) E04B 9/04 (2006.01) F21S 8/06 (2006.01)**

[25] EN

[54] **LIGHT GUIDE BODY COMPRISING AN INJECTION-MOLDED MAT AND LIGHT CHANNELS**

[54] **CORPS GUIDE D'ONDES OPTIQUES AVEC TAPIS MOULE PAR INJECTION ET CANAUX LUMINEUX**

[72] CHRISTANDL, DIETER, AT
[72] CHRISTANDL, JOSEF, AT
[72] HOFER, ROBERT, AT
[71] CHRISTANDL, DIETER, AT
[71] CHRISTANDL, JOSEF, AT
[71] HOFER, ROBERT, AT
[85] 2017-09-25
[86] 2015-12-10 (PCT/EP2015/002491)
[87] (WO2016/150454)
[30] DE (20 2015 002 273.1) 2015-03-25

[21] **2,980,794**
[13] A1

[51] **Int.Cl. F02K 1/34 (2006.01) F02K 1/46 (2006.01)**

[25] FR

[54] **DEVICE WITH GRATINGS FOR EJECTING MICROJETS IN ORDER TO REDUCE THE JET NOISE OF A TURBINE ENGINE**

[54] **DISPOSITIF A GRILLES D'EJECTION DE MICROJETS POUR LA REDUCTION DU BRUIT DE JET D'UNE TURBOMACHINE**

[72] MARDJONO, JACKY, FR
[72] CHANEZ, PHILIPPE, FR
[72] GONZALEZ, JEREMY, FR
[72] KOENIG, MAXIME, FR
[72] VERSAEVEL, MARC, FR
[72] ZAGANELLI, FRANCK, FR
[72] YESILCIMEN, HENRI, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-09-25
[86] 2016-03-25 (PCT/FR2016/050690)
[87] (WO2016/151267)
[30] FR (1552535) 2015-03-26
[30] FR (1552536) 2015-03-26

[21] **2,980,795**
[13] A1

[51] **Int.Cl. A01G 31/02 (2006.01) A01G 9/04 (2006.01)**

[25] EN

[54] **HYDROPONIC GROWING SYSTEM**

[54] **SYSTEME DE CULTURE HYDROPONIQUE**

[72] KANTOLA, JUHANA, FI
[72] RAPILA, TERO, FI
[71] GREEN AUTOMATION EXPORT OY, FI
[85] 2017-09-25
[86] 2016-03-09 (PCT/FI2016/050140)
[87] (WO2016/151186)
[30] FI (20155214) 2015-03-25

[21] **2,980,798**
[13] A1

[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/08 (2006.01) F01M 5/00 (2006.01) F02C 7/06 (2006.01) F04C 18/16 (2006.01) F04C 28/08 (2006.01) F04C 28/12 (2006.01) F16N 39/02 (2006.01) F25B 41/04 (2006.01) F25B 49/02 (2006.01)**

[25] FR

[54] **COOLING OF A TURBINE ENGINE OIL CIRCUIT**

[54] **REFROIDISSEMENT DU CIRCUIT D'HUILE D'UNE TURBOMACHINE**

[72] CHALAUD, SEBASTIEN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-09-25
[86] 2016-04-01 (PCT/FR2016/050745)
[87] (WO2016/156756)
[30] FR (1552920) 2015-04-03

[21] **2,980,804**
[13] A1

[51] **Int.Cl. F04B 49/20 (2006.01) F04B 15/02 (2006.01) F04B 17/03 (2006.01) F04B 49/06 (2006.01) F04B 49/10 (2006.01)**

[25] EN

[54] **HIGH PRESSURE FLUID SYSTEM**

[54] **SYSTEME DE DISTRIBUTION DE FLUIDE HAUTE-PRESSION**

[72] SMITH, ALAN, GB
[72] WOOD, NIGEL, GB
[71] FINISHING BRANDS UK LTD., GB
[85] 2017-09-25
[86] 2016-03-30 (PCT/GB2016/050884)
[87] (WO2016/156833)
[30] GB (1505551.0) 2015-03-31

[21] **2,980,823**
[13] A1

[51] **Int.Cl. B65G 41/00 (2006.01) B65G 21/12 (2006.01)**

[25] EN

[54] **FOLDING MECHANISM FOR A CONVEYOR DEVICE**

[54] **MECANISME DE PLIAGE POUR UN MOYEN DE TRANSPORT**

[72] WELLER, CHRISTIAN, DE
[72] FRANZEN, FELIX, DE
[71] KLEEMANN GMBH, DE
[85] 2017-09-25
[86] 2016-03-10 (PCT/EP2016/055207)
[87] (WO2016/150727)
[30] DE (10 2015 104 498.6) 2015-03-25

[21] **2,980,831**
[13] A1

[51] **Int.Cl. A01B 15/08 (2006.01)**

[25] EN

[54] **A MOULDBOARD FOR A PLOUGH**

[54] **VERSOIR POUR CHARRUE**

[72] HERTZOG, DANIEL NILS FREDRIK, SE

[71] CNH INDUSTRIAL DANMARK A/S, DK
[85] 2017-09-25
[86] 2016-03-31 (PCT/EP2016/057106)
[87] (WO2016/162267)
[30] DK (PA 2015 00211) 2015-04-07

[21] **2,980,858**
[13] A1

[51] **Int.Cl. G03F 7/20 (2006.01) G03F 7/004 (2006.01)**

[25] EN

[54] **PROCESSES FOR PRODUCING OPTICAL EFFECTS LAYERS**

[54] **PROCEDES DE FABRICATION DE COUCHES A EFFET OPTIQUE**

[72] LOGINOV, EVGENY, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[72] DEGOTT, PIERRE, CH
[71] SICPA HOLDING SA, CH
[85] 2017-09-25
[86] 2016-05-31 (PCT/EP2016/062245)
[87] (WO2016/193252)
[30] EP (15170246.1) 2015-06-02

PCT Applications Entering the National Phase

[21] 2,980,859 [13] A1	[21] 2,980,865 [13] A1	[21] 2,980,874 [13] A1
[51] Int.Cl. E21B 21/06 (2006.01) E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 47/10 (2012.01)	[51] Int.Cl. E21B 47/07 (2012.01) E21B 47/04 (2012.01) E21B 43/26 (2006.01)	[51] Int.Cl. G06N 3/02 (2006.01) G06Q 10/06 (2012.01) E21B 43/00 (2006.01)
[25] EN	[25] EN	[25] EN
[54] BYPASS FLUSHING FOR GAS EXTRACTION SYSTEMS	[54] APPLICATION OF DEPTH DERIVATIVE OF DTS MEASUREMENTS IN IDENTIFYING INITIATION POINTS NEAR WELLBORES CREATED BY HYDRAULIC FRACTURING	[54] ENHANCING OILFIELD OPERATIONS WITH COGNITIVE COMPUTING
[54] RINCAGE DE CONTOURNEMENT POUR SYSTEMES D'EXTRACTION DE GAZ	[54] APPLICATION DE DERIVEE SUIVANT LA PROFONDEUR DE MESURES DE CAPTEUR DE TEMPERATURE DISTRIBUEE (DTS) A L'IDENTIFICATION DE POINTS D'AMORCAGE A PROXIMITE DE Puits DE FORAGE CREES PAR FRACTURATION HYDRAULIQUE	[54] AMELIORATION D'EXPLOITATION DE CHAMPS PETROLIFERES AU MOYEN DE CALCUL COGNITIF
[72] SHEKHAR, PRASHANT, US	[72] DUAN, HONGYAN, US	[72] JAMISON, DALE E., US
[72] MACDONALD, GILLIES ALEXANDER, US	[72] HOLLEY, ERIC, US	[72] WILLIAMS, ROBERT LYNN, US
[72] COSTO, ROBERT JAMES, JR., US	[72] JAASKELAINEN, MIKKO, US	[72] BAR, AMIR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US	[71] HALLIBURTON ENERGY SERVICES, INC., US	[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-25	[85] 2017-09-25	[85] 2017-09-25
[86] 2015-05-29 (PCT/US2015/033300)	[86] 2015-06-15 (PCT/US2015/035889)	[86] 2015-05-12 (PCT/US2015/030292)
[87] (WO2016/195638)	[87] (WO2016/204727)	[87] (WO2016/182558)
[21] 2,980,862 [13] A1	[21] 2,980,873 [13] A1	[21] 2,980,875 [13] A1
[51] Int.Cl. E21B 47/10 (2012.01) E21B 47/07 (2012.01) E21B 47/13 (2012.01) E21B 43/26 (2006.01)	[51] Int.Cl. F24H 9/20 (2006.01) F24D 3/02 (2006.01) F24D 19/10 (2006.01) F24H 1/10 (2006.01)	[51] Int.Cl. G06F 17/10 (2006.01) G06Q 40/02 (2012.01)
[25] EN	[25] EN	[25] FR
[54] APPLICATION OF THE TIME DERIVATIVE OF DISTRIBUTED TEMPERATURE SURVEY (DTS) IN IDENTIFYING FLOWS IN AND AROUND A WELLBORE DURING AND AFTER HYDRAULIC FRACTURE	[54] IMPROVED OPERATION COMBI BOILER AND AN ASSOCIATED COMBI BOILER OPERATIONAL EFFICIENCY DEVICE	[54] METHOD OF EXPLAINING A SCORE
[54] APPLICATION DE LA DERIVEE DE TEMPS D'ETUDE DE TEMPERATURE REPARTIE (DTS) DANS L'IDENTIFICATION DE FLUX DANS UN Puits DE FORAGE, ET AUTOUR DUDIT Puits DE FORAGE, DURANT ET APRES UNE FRACTURATION HYDRAULIQUE	[54] CHAUDIERE MIXTE DONT LE FONCTIONNEMENT EST AMELIORE ET DISPOSITIF D'EFFICACITE DE FONCTIONNEMENT DE CHAUDIERE MIXTE ASSOCIE	[54] PROCEDE D'EXPLICATION D'UN SCORE
[72] DUAN, HONGYAN, US	[72] MEMUR, HAMIT, TR	[72] POUYLLAU, HELIA, FR
[71] HALLIBURTON ENERGY SERVICES, INC., US	[71] MEMUR, HAMIT, TR	[72] LABREUCHE, CHRISTOPHE, FR
[85] 2017-09-25	[85] 2017-09-25	[72] GOUJON, BENEDICTE, FR
[86] 2015-06-15 (PCT/US2015/035867)	[86] 2016-03-30 (PCT/TR2016/050091)	[71] THALES, FR
[87] (WO2016/204724)	[87] (WO2016/159914)	[85] 2017-09-25
	[30] TR (2015/03906) 2015-03-31	[86] 2016-03-25 (PCT/EP2016/056738)
		[87] (WO2016/151145)
		[30] FR (15/00602) 2015-03-26

Demandes PCT entrant en phase nationale

[21] **2,980,884**
[13] A1

[51] **Int.Cl. B29C 70/06 (2006.01) B24B 1/00 (2006.01) B24B 7/30 (2006.01) B29C 43/20 (2006.01) B32B 5/28 (2006.01)**

[25] EN
[54] **METHOD OF MANUFACTURING STRUCTURE, AND STRUCTURE**
[54] **PROCEDE DE PRODUCTION DE CORPS STRUCTUREL ET CORPS STRUCTUREL**

[72] KAMIHARA, NOBUYUKI, JP
[72] AOSHIMA, YOSHIRO, JP
[72] ABE, TOSHIO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-25
[86] 2016-02-24 (PCT/JP2016/055413)
[87] (WO2016/158102)
[30] JP (2015-073320) 2015-03-31

[21] **2,980,888**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C30B 29/58 (2006.01)**

[25] EN
[54] **CRYSTAL OF 3,5-DISUBSTITUTED BENZENE ALKYNYL COMPOUND**
[54] **CRISTAL D'UN COMPOSE D'ALCYNYLE DE BENZENE 3,5-DISUBSTITUE**

[72] EGAMI, KOSUKE, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2017-09-25
[86] 2016-03-31 (PCT/JP2016/060844)
[87] (WO2016/159327)
[30] JP (2015-070927) 2015-03-31

[21] **2,980,893**
[13] A1

[51] **Int.Cl. F04D 27/00 (2006.01) F04D 17/10 (2006.01) F04D 29/70 (2006.01) F04D 31/00 (2006.01)**

[25] EN
[54] **METHOD OF CONTROLLING A COMPRESSOR SYSTEM AND COMPRESSOR SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE COMPRESSEUR ET SYSTEME DE COMPRESSEUR**

[72] MATHEIDAS, MICHAEL T., US
[72] UPTIGROVE, STANLEY O., MY
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-09-25
[86] 2016-02-12 (PCT/US2016/017701)
[87] (WO2016/153626)
[30] US (62/138,748) 2015-03-26

[21] **2,980,886**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/14 (2006.01) C22C 38/54 (2006.01) C21D 8/06 (2006.01) C21D 9/52 (2006.01)**

[25] EN
[54] **HIGH-CARBON STEEL WIRE MATERIAL WITH EXCELLENT WIRE DRAWABILITY, AND STEEL WIRE**
[54] **MATERIAU DE FIL D'ACIER A HAUTE TENEUR EN CARBONE PRESENTANT UNE EXCELLENTE APTITUDE A L'ETIRAGE DE FIL ET FIL D'ACIER**

[72] ISHIDA, TOMONOBU, JP
[72] MASUDA, TOMOKAZU, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-09-25
[86] 2016-03-29 (PCT/JP2016/060019)
[87] (WO2016/158901)
[30] JP (2015-070095) 2015-03-30
[30] JP (2015-188843) 2015-09-25

[21] **2,980,889**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/58 (2006.01) C21D 1/18 (2006.01) C21D 8/00 (2006.01)**

[25] EN
[54] **STAINLESS STEEL AND STAINLESS STEEL PRODUCT FOR OIL WELL**
[54] **ACIER INOXYDABLE ET MATERIAU EN ACIER INOXYDABLE POUR Puits DE PETROLE**

[72] TOMIO, YUSAKU, JP
[72] KAIDO, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-09-25
[86] 2016-06-29 (PCT/JP2016/069241)
[87] (WO2017/022374)
[30] JP (2015-154360) 2015-08-04

[21] **2,980,894**
[13] A1

[51] **Int.Cl. C02F 3/00 (2006.01)**

[25] EN
[54] **BIOMOLECULAR ZONAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ZONALES BIOMOLECULAIRES ET PROCEDES ASSOCIES**

[72] EAST, RAY, GB
[71] SIMS, BRYAN, US
[71] EAST, RAY, GB
[85] 2017-09-25
[86] 2016-02-26 (PCT/US2016/019706)
[87] (WO2016/138347)
[30] US (62/121,127) 2015-02-26

PCT Applications Entering the National Phase

[21] **2,980,895**
[13] A1

[51] **Int.Cl. H02J 3/00 (2006.01) H04B 3/10 (2006.01) H04B 3/54 (2006.01) H04J 3/26 (2006.01) H04L 25/00 (2006.01)**

[25] EN

[54] **INITIALIZATION OF ENDPOINT DEVICES JOINING A POWER-LINE COMMUNICATION NETWORK**

[54] **INITIALISATION DE DISPOSITIFS DE POINT D'EXTREMITE SE JOIGNANT A UN RESEAU DE COMMUNICATION PAR COURANTS PORTEURS EN LIGNE**

[72] WOLTER, CHAD K., US
[72] JOHNSON, BRYCE D., US
[71] LANDIS+GYR TECHNOLOGIES, LLC, US
[85] 2017-09-25
[86] 2016-02-26 (PCT/US2016/019869)
[87] (WO2016/160214)
[30] US (14/675,244) 2015-03-31

[21] **2,980,896**
[13] A1

[51] **Int.Cl. E01C 9/08 (2006.01) E01C 5/00 (2006.01) E01C 5/14 (2006.01) E01C 5/22 (2006.01)**

[25] EN

[54] **MAT CONSTRUCTION WITH ENVIRONMENTALLY RESISTANT CORE**

[54] **STRUCTURE DE PAILLASSON AVEC NOYAU RESISTANT A L'ENVIRONNEMENT**

[72] PENLAND, JOE, JR., US
[72] PENLAND, RUSTIN, US
[72] CALVERT, SCOTT, US
[72] O'BRIEN, THOMAS, US
[71] QUALITY MAT COMPANY, US
[85] 2017-09-25
[86] 2016-02-29 (PCT/US2016/020067)
[87] (WO2016/153732)
[30] US (62/138,143) 2015-03-25
[30] US (62/158,196) 2015-05-07
[30] US (62/211,662) 2015-08-28
[30] US (62/211,664) 2015-08-28
[30] US (14/839,888) 2015-08-28

[21] **2,980,897**
[13] A1

[51] **Int.Cl. E01C 9/08 (2006.01) E01C 5/22 (2006.01)**

[25] EN

[54] **ENVIRONMENTALLY RESISTANT ENCAPSULATED MAT CONSTRUCTION**

[54] **CONSTRUCTION DE NATTE ENCAPSULEE RESISTANT A L'ENVIRONNEMENT**

[72] PENLAND, JOE, JR., US
[72] PENLAND, RUSTIN, US
[72] CALVERT, SCOTT, US
[72] O'BRIEN, THOMAS, US
[71] QUALITY MAT COMPANY, US
[85] 2017-09-25
[86] 2016-02-29 (PCT/US2016/020081)
[87] (WO2016/153734)
[30] US (62/138,127) 2015-03-25
[30] US (62/159,909) 2015-05-11
[30] US (14/839,900) 2015-08-28
[30] US (14/855,336) 2015-09-15

[21] **2,980,899**
[13] A1

[51] **Int.Cl. E02B 15/00 (2006.01) B63B 35/32 (2006.01)**

[25] EN

[54] **WATER COLUMN REMEDIATION APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE REMEDIATION DE COLONNE D'EAU**

[72] LACROSSE, JAMES E., US
[72] SMITH, SCOTT C., US
[72] WATTLEY, GLENN G., US
[71] OPFLEX TECHNOLOGIES, LLC, US
[85] 2017-08-01
[86] 2015-11-30 (PCT/US2015/063037)
[87] (WO2016/089789)
[30] US (62/085,997) 2014-12-01

[21] **2,980,910**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR AUTHORIZING A PAYMENT TRANSACTION**

[54] **PROCEDE ET SYSTEME POUR AUTORISER UNE TRANSACTION DE PAIEMENT**

[72] BADENHORST, CORNELIUS JOHANNES, ZA
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-09-25
[86] 2016-05-13 (PCT/IB2016/052760)
[87] (WO2016/185337)
[30] ZA (2015/03441) 2015-05-18

[21] **2,980,918**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) A63F 13/21 (2014.01) A63F 13/285 (2014.01) G06F 3/038 (2013.01) G09B 9/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FORCE FEEDBACK INTERFACE DEVICES**

[54] **SYSTEME ET PROCEDE POUR DISPOSITIFS D'INTERFACE A RETOUR D'EFFORT**

[72] LAURENDEAU, CHAD, US
[71] LAURENDEAU, CHAD, US
[85] 2017-09-25
[86] 2016-03-17 (PCT/US2016/022823)
[87] (WO2016/160355)
[30] US (62/139,575) 2015-03-27
[30] US (15/072,235) 2016-03-16

Demandes PCT entrant en phase nationale

[21] **2,980,920**
[13] A1

[51] **Int.Cl. G01S 13/90 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR SYNTHETIC APERTURE RADAR WITH DIGITAL BEAMFORMING**
[54] **APPAREIL ET PROCÉDES POUR RADAR A SYNTHESE D'OUVERTURE AVEC FORMATION DE FAISCEAU NUMERIQUE**
[72] FOX, PETER ALLEN, CA
[71] KING ABDULAZIZ CITY OF SCIENCE AND TECHNOLOGY, SA
[71] URTHECAST CORP., CA
[85] 2017-09-25
[86] 2016-03-17 (PCT/US2016/022841)
[87] (WO2016/153914)
[30] US (62/137,934) 2015-03-25

[21] **2,980,927**
[13] A1

[51] **Int.Cl. B65G 15/60 (2006.01) B65G 21/10 (2006.01) B65G 23/06 (2006.01)**
[25] EN
[54] **INFEED AND OUTFEED ASSEMBLIES FOR A CONVEYOR**
[54] **ENSEMBLES D'ALIMENTATION ET DE SORTIE POUR UN CONVOYEUR**
[72] DEGROOT, MICHAEL HENDRIK, US
[72] HULSHOF, GERKO, NL
[72] HORTIG, PHILIPP J., US
[72] STEENWYK, MATTHEW A., US
[72] BATCHELDER, JEFF, US
[71] LAITRAM, L.L.C., US
[85] 2017-09-25
[86] 2016-04-21 (PCT/US2016/028571)
[87] (WO2016/172296)
[30] US (62/151,617) 2015-04-23

[21] **2,980,930**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A DYNAMIC SHOPPING INTERFACE**
[54] **SYSTEME ET PROCÉDE DESTINES A POURVOIR A UNE INTERFACE D'ACHATS EN LIGNE DYNAMIQUE**
[72] BLASS, OSCAR J., US
[71] WAL-MART STORES, INC., US
[85] 2017-09-25
[86] 2016-03-23 (PCT/US2016/023680)
[87] (WO2016/154249)
[30] US (62/138,674) 2015-03-26

[21] **2,980,939**
[13] A1

[51] **Int.Cl. A01K 67/033 (2006.01)**
[25] FR
[54] **METHOD FOR INSECT BREEDING**
[54] **PROCEDE D'ELEVAGE D'INSECTES**
[72] COMPARAT, SOLENE, FR
[72] HUBERT, ANTOINE, FR
[72] BERRO, FABRICE, FR
[72] LEVON, JEAN-GABRIEL, FR
[71] YNSECT, FR
[85] 2017-09-26
[86] 2016-04-12 (PCT/FR2016/050843)
[87] (WO2016/166465)
[30] FR (1553208) 2015-04-13

[21] **2,980,941**
[13] A1

[51] **Int.Cl. A01K 67/033 (2006.01) B65D 19/00 (2006.01) B65G 1/00 (2006.01) B65G 57/00 (2006.01)**
[25] FR
[54] **FARM FOR REARING INSECTS**
[54] **ATELIER D'ELEVAGE D'INSECTES**
[72] COMPARAT, SOLENE, FR
[72] HUBERT, ANTOINE, FR
[72] BERRO, FABRICE, FR
[72] LEVON, JEAN-GABRIEL, FR
[72] LAUNAY, FRANK, FR
[72] SARTON DU JONCHAY, THIBAUT, FR
[71] YNSECT, FR
[85] 2017-09-26
[86] 2016-04-13 (PCT/FR2016/050849)
[87] (WO2016/166471)
[30] FR (1553207) 2015-04-13

[21] **2,980,950**
[13] A1

[51] **Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **ROTOR FOR A FLUID PUMP AND METHOD AND MOLD FOR THE PRODUCTION THEREOF**
[54] **ROTOR POUR POMPE A FLUIDE AINSI QUE PROCÉDE ET MOULE POUR SA FABRICATION**
[72] SIESS, THORSTEN, DE
[72] SCHECKEL, MARIO, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2017-09-21
[86] 2016-04-29 (PCT/EP2016/059708)
[87] (WO2016/174257)
[30] EP (15166042.0) 2015-04-30
[30] EP (15166045.3) 2015-04-30

[21] **2,980,954**
[13] A1

[51] **Int.Cl. G01M 11/02 (2006.01) G01S 7/497 (2006.01) H01S 5/0683 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING THE FREQUENCY MODULATION OF A LASER SOURCE**
[54] **PROCEDE DE MESURE DE LA MODULATION DE FREQUENCE D'UNE SOURCE LASER**
[72] MINET, JEAN, FR
[72] PILLET, GREGOIRE, FR
[72] FENEYROU, PATRICK, FR
[71] THALES, FR
[85] 2017-09-26
[86] 2016-03-16 (PCT/EP2016/055639)
[87] (WO2016/150783)
[30] FR (1500603) 2015-03-26

PCT Applications Entering the National Phase

[21] **2,980,956**
[13] A1

[51] **Int.Cl. F03B 17/04 (2006.01) F03G 3/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICES FOR OBTAINING ENERGY FORM THE EARTH'S GRAVITATIONAL FORCE, AND DEVICE FOR INTRODUCING A WORKING BODY INTO A LIQUID**

[54] **PROCEDES ET DISPOSITIFS DE PRODUCTION D'ENERGIE A PARTIR D'UNE FORCE DE GRAVITATION TERRESTRE, ET DISPOSITIF PERMETTANT D'INTRODUIRE UN CORPS OPERATIONNEL DANS UN LIQUIDE**

[72] AKBAYIR, ZEKI, DE
[71] AKBAYIR HOLDING UG, DE
[85] 2017-09-26
[86] 2015-03-26 (PCT/DE2015/200193)
[87] (WO2016/150412)

[21] **2,980,958**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01)**

[25] EN

[54] **DISPLAY POSITIONING SYSTEM**

[54] **SYSTEME DE POSITIONNEMENT D'UN ECRAN D'AFFICHAGE**

[72] SHARMA, PRAMOD KUMAR, US
[72] SCHOLLER, JEROME, US
[71] TANGIBLE PLAY, INC., US
[85] 2017-09-25
[86] 2016-03-25 (PCT/US2016/024303)
[87] (WO2016/154576)
[30] US (14/670,359) 2015-03-26

[21] **2,980,964**
[13] A1

[51] **Int.Cl. A61B 90/50 (2016.01) A61B 34/00 (2016.01) B25J 3/04 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING A SURGICAL MECHATRONIC ASSISTANCE SYSTEM BY MEANS OF A HOLDING ARM FOR MEDICAL PURPOSES**

[54] **METHODE ET APPAREIL DE CONTROLE DE SYSTEME D'ASSISTANCE MECATRONIQUE CHIRURGICAL AU MOYEN D'UN BRAS DE SUPPORT DESTINE A DES FINS MEDICALES**

[72] NOWATSCHIN, STEPHAN, DE
[72] KRINNINGER, MAXIMILIAN, DE
[72] GIERLACH, DOMINIKUS, DE
[71] MEDINEERING GMBH, DE
[85] 2017-09-26
[86] 2016-03-23 (PCT/EP2016/056459)
[87] (WO2016/156168)
[30] DE (10 2015 104 810.8) 2015-03-27

[21] **2,980,967**
[13] A1

[51] **Int.Cl. A61B 90/50 (2016.01) A61B 90/00 (2016.01) A61B 90/90 (2016.01) A61B 34/20 (2016.01)**

[25] EN

[54] **HOLDING ARM FOR MEDICAL PURPOSES HAVING A REMOVABLE OPERATING UNIT, AND AN OPERATING DEVICE THEREFOR**

[54] **BRAS DE SOUTIEN DESTINE A DES FINS MEDICALES COMPORTANT UN MODULE FONCTIONNEL AMOVIBLE ET DISPOSITIF FONCTIONNEL ASSOCIE**

[72] NOWATSCHIN, STEPHAN, DE
[72] KRINNINGER, MAXIMILIAN, DE
[72] GIERLACH, DOMINIKUS, DE
[71] MEDINEERING GMBH, DE
[85] 2017-09-26
[86] 2016-03-24 (PCT/EP2016/056570)
[87] (WO2016/156210)
[30] DE (10 2015 104 819.1) 2015-03-27

[21] **2,980,968**
[13] A1

[51] **Int.Cl. A01D 80/02 (2006.01) A01D 89/00 (2006.01)**

[25] EN

[54] **TINE SUPPORT**

[54] **PORTE-DENTS**

[72] REITER, THOMAS, AT
[71] REITER, THOMAS, AT
[85] 2017-09-26
[86] 2016-03-24 (PCT/EP2016/056600)
[87] (WO2016/151095)
[30] DE (10 2015 205 561.2) 2015-03-26

[21] **2,980,971**
[13] A1

[51] **Int.Cl. C08K 3/04 (2006.01) B29C 45/00 (2006.01)**

[25] EN

[54] **GRAPHENE REINFORCED POLYETHYLENE TEREPHTHALATE**

[54] **POLYETHYLENE TEREPHTHALATE RENFORCE DE GRAPHENE**

[72] HANAN, JAY CLARKE, US
[72] BANDLA, SUDHEER, US
[71] NIAGARA BOTTLING, LLC, US
[85] 2017-09-15
[86] 2016-03-17 (PCT/US2016/022965)
[87] (WO2016/149550)
[30] US (62/134,482) 2015-03-17
[30] US (62/190,193) 2015-07-08
[30] US (15/073,477) 2016-03-17

[21] **2,980,972**
[13] A1

[51] **Int.Cl. E04H 12/20 (2006.01) F03D 13/20 (2016.01) E04C 5/16 (2006.01) E04H 12/16 (2006.01) F16G 11/00 (2006.01)**

[25] EN

[54] **TENSION CORD GUIDE IN A WIND TURBINE TOWER**

[54] **GUIDE DE CABLES TENDEURS DANS UN MAT D'EOLIEENNE**

[72] KERSTEN, ROY, DE
[71] WOBEN PROPERTIES GMBH, DE
[85] 2017-09-26
[86] 2016-04-08 (PCT/EP2016/057745)
[87] (WO2016/166026)
[30] DE (10 2015 206 668.1) 2015-04-14

Demandes PCT entrant en phase nationale

[21] **2,980,985**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**

[25] EN

[54] **HIGH-STRENGTH STEEL, METHOD FOR MANUFACTURING HIGH-STRENGTH STEEL, STEEL PIPE AND METHOD FOR MANUFACTURING STEEL PIPE**

[54] **ACIER A HAUTE RESISTANCE, METHODE DE FABRICATION D'ACIER A HAUTE RESISTANCE, TUYAU EN ACIER ET METHODE DE FABRICATION DE TUYAU EN ACIER**

[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-26
[86] 2016-03-25 (PCT/JP2016/001727)
[87] (WO2016/157857)
[30] JP (2015-065776) 2015-03-27

[21] **2,980,986**
[13] A1

[51] **Int.Cl. D21F 5/00 (2006.01)**

[25] EN

[54] **CONTAMINATION INHIBITOR COMPOSITION**

[54] **COMPOSITION INHIBITRICE DE CONTAMINATION**

[72] SEKIYA, HIROSHI, JP
[72] KOBAYASHI, DAISUKE, JP
[72] SAWADA, HIRAKU, JP
[72] OGODA, SHINICHIRO, JP
[72] YUSA, KAZUYUKI, JP
[71] MAINTECH CO., LTD., JP
[85] 2017-09-26
[86] 2016-03-25 (PCT/JP2016/001771)
[87] (WO2016/157875)
[30] JP (2015-067026) 2015-03-27

[21] **2,980,987**
[13] A1

[51] **Int.Cl. C10M 169/00 (2006.01) C10M 107/02 (2006.01) C10M 117/00 (2006.01) C10M 147/02 (2006.01)**

[25] EN

[54] **LUBRICATING GREASE COMPOSITION**

[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**

[72] SAWAGUCHI, WATARU, JP
[72] INAI, MOTOYUKI, JP
[72] SHINOZAKI, AKIRA, JP
[71] NOK KLUEBER CO., LTD., JP
[85] 2017-09-26
[86] 2016-02-19 (PCT/JP2016/054891)
[87] (WO2016/158070)
[30] JP (2015-066851) 2015-03-27

[21] **2,980,989**
[13] A1

[51] **Int.Cl. C10M 169/00 (2006.01) C10M 107/02 (2006.01) C10M 117/02 (2006.01)**

[25] EN

[54] **LUBRICATING GREASE COMPOSITION**

[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**

[72] SAWAGUCHI, WATARU, JP
[72] INAI, MOTOYUKI, JP
[72] SHINOZAKI, AKIRA, JP
[71] NOK KLUEBER CO., LTD., JP
[85] 2017-09-26
[86] 2016-02-19 (PCT/JP2016/054892)
[87] (WO2016/158071)
[30] JP (2015-066850) 2015-03-27

[21] **2,980,991**
[13] A1

[51] **Int.Cl. B21D 26/047 (2011.01) B21D 26/033 (2011.01) B21D 37/16 (2006.01)**

[25] EN

[54] **MOLDING DEVICE**

[54] **DISPOSITIF DE MOULAGE**

[72] SAIKA, MASAYUKI, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-26
[86] 2016-03-25 (PCT/JP2016/059683)
[87] (WO2016/158778)
[30] JP (2015-070845) 2015-03-31

[21] **2,980,992**
[13] A1

[51] **Int.Cl. A61K 45/00 (2006.01) A61K 39/395 (2006.01) A61P 17/00 (2006.01) A61P 17/04 (2006.01) A61P 25/20 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTION AND/OR TREATMENT OF ATOPIC DERMATITIS CONTAINING IL-31 ANTAGONIST AS ACTIVE INGREDIENT**

[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION ET/OU LE TRAITEMENT DE LA DERMATITE ATOPIQUE CONTENANT COMME PRINCIPE ACTIF UN ANTAGONISTE DE L'IL-31**

[72] KANEKO, AKIHISA, JP
[72] IWAYANAGI, YUKI, JP
[72] KITAMURA, HIDETOMO, JP
[72] HIGUCHI, YOSHINOBU, JP
[72] MATSUSHITA, HIROAKI, JP
[72] MIHARA, RYOSUKE, JP
[72] YAMAMOTO, YUMI, JP
[72] SAITO, TOMOHISA, JP
[72] HIROKAWA, KEIKO, JP
[71] CHUGAL SEIYAKU KABUSHIKI KAISHA, JP
[85] 2017-09-26
[86] 2016-04-13 (PCT/JP2016/061859)
[87] (WO2016/167263)
[30] JP (2015-082699) 2015-04-14
[30] JP (2016-041641) 2016-03-04

PCT Applications Entering the National Phase

[21] **2,980,993**
[13] A1

[51] **Int.Cl. E02F 9/26 (2006.01) E02F 9/16 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **PERIPHERY MONITORING APPARATUS OF OPERATION MACHINE AND PERIPHERY MONITORING METHOD OF OPERATION MACHINE**

[54] **DISPOSITIF DE SURVEILLANCE DE LA PERIPHERIE POUR ENGIN DE CHANTIER ET PROCEDE DE SURVEILLANCE DE LA PERIPHERIE POUR ENGIN DE CHANTIER**

[72] MACHIDA, MASAOMI, JP
[72] KURIHARA, TAKESHI, JP
[71] KOMATSU LTD., JP
[85] 2017-09-26
[86] 2016-03-29 (PCT/JP2016/060115)
[87] (WO2016/174977)
[30] JP (PCT/JP2015/062908) 2015-04-28

[21] **2,980,996**
[13] A1

[51] **Int.Cl. B21D 26/047 (2011.01) B21D 26/033 (2011.01)**

[25] EN

[54] **FORMING DEVICE**

[54] **DISPOSITIF DE FACONNAGE**

[72] SAIKA, MASAYUKI, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-26
[86] 2016-03-30 (PCT/JP2016/060482)
[87] (WO2016/159134)
[30] JP (2015-072089) 2015-03-31

[21] **2,981,004**
[13] A1

[51] **Int.Cl. A61N 1/372 (2006.01)**

[25] EN

[54] **ULTRASONIC MULTIPLEXING NETWORK FOR IMPLANTABLE MEDICAL DEVICES**

[54] **RESEAU DE MULTIPLEXAGE ULTRASONORE POUR DISPOSITIFS MEDICAUX IMPLANTABLES**

[72] MELODIA, TOMMASO, US
[72] SANTAGATI, GIUSEPPE ENRICO, US
[71] NORTHEASTERN UNIVERSITY, US
[85] 2017-09-26
[86] 2016-01-07 (PCT/US2016/012439)
[87] (WO2016/112166)
[30] US (62/100,628) 2015-01-07

[21] **2,981,007**
[13] A1

[51] **Int.Cl. H01M 6/34 (2006.01) H01M 6/48 (2006.01) H01M 6/52 (2006.01)**

[25] EN

[54] **REDUCED VOLUME ELECTROCHLORINATION CELLS AND METHODS OF MANUFACTURING SAME**

[54] **CELLULES D'ELECTROCHLORATION A VOLUME REDUIT ET LEURS PROCEDES DE FABRICATION**

[72] GRIFFIS, JOSHUA W., US
[72] LIANG, LI-SHIANG, US
[72] BEDDOES, PAUL, GB
[72] GREEN, ANDREW, GB
[72] DUKES, SIMON, US
[72] TELEPCIAK, JACOB, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2017-09-26
[86] 2016-02-17 (PCT/US2016/018213)
[87] (WO2016/133985)
[30] US (62/116,979) 2015-02-17
[30] US (62/157,504) 2015-05-06

[21] **2,981,013**
[13] A1

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

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING A CRYPTOGRAPHIC PLATFORM FOR EXCHANGING INFORMATION**

[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE PLATEFORME CRYPTOGRAPHIQUE POUR ECHANGER DES INFORMATIONS**

[72] SEGER, ROBERT A., II, US
[72] FINAN, CHRISTOPHER T., US
[71] MANIFOLD SECURITY, INC., US
[85] 2017-09-26
[86] 2016-03-15 (PCT/US2016/022512)
[87] (WO2016/200456)
[30] US (14/686,601) 2015-04-14

[21] **2,981,021**
[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) G06T 7/62 (2017.01) A61B 5/00 (2006.01)**

[25] EN

[54] **IMAGE ANALYSIS**

[54] **ANALYSE D'IMAGES**

[72] HUANG, YIJUN, US
[71] EYEKOR, LLC, US
[85] 2017-09-26
[86] 2016-03-16 (PCT/US2016/022660)
[87] (WO2016/153877)
[30] US (62/138,485) 2015-03-26
[30] US (62/269,601) 2015-12-18

[21] **2,981,029**
[13] A1

[51] **Int.Cl. A61G 17/08 (2006.01) A45C 15/00 (2006.01)**

[25] EN

[54] **KEEPSAKE PLAQUE FOR CREMATED REMAINS**

[54] **PLAQUE SOUVENIR POUR CENDRES FUNERAIRES**

[72] BYNDON, LARRY T., US
[71] BYNDON, LARRY T., US
[85] 2017-09-26
[86] 2016-03-21 (PCT/US2016/023418)
[87] (WO2016/160398)
[30] US (14/671,267) 2015-03-27

Demandes PCT entrant en phase nationale

[21] **2,981,033**
[13] A1

[51] **Int.Cl. A61K 35/12 (2015.01) C12N 5/074 (2010.01) A61P 35/00 (2006.01) C12N 15/09 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **IN VITRO ARTIFICIAL LYMPH NODE FOR SENSITIZATION AND EXPANSION OF T CELLS FOR THERAPY AND EPITOPE MAPPING**

[54] **NOEUD LYMPHATIQUE ARTIFICIEL IN VITRO DE SENSIBILISATION ET DE MULTIPLICATION DE LYMPHOCYTES T POUR LA THERAPIE ET LA CARTOGRAPHIE DES EPITOPES**

[72] LOWENFELD, LEA, US

[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2017-09-26

[86] 2016-03-25 (PCT/US2016/024146)

[87] (WO2016/154508)

[30] US (62/138,684) 2015-03-26

[30] US (62/138,969) 2015-03-26

[21] **2,981,034**
[13] A1

[51] **Int.Cl. C01B 17/16 (2006.01) C02F 1/72 (2006.01) C02F 9/08 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF REDUCING A BACTERIA POPULATION IN HIGH HYDROGEN SULFIDE WATER**

[54] **SYSTEMES ET PROCEDES DE REDUCTION D'UNE POPULATION BACTERIENNE DANS DE L'EAU A TENEUR ELEVEE EN SULFURE D'HYDROGENE**

[72] BUSCHMANN, WAYNE, US

[71] CLEAN CHEMISTRY, INC., US

[85] 2017-09-26

[86] 2016-03-25 (PCT/US2016/024207)

[87] (WO2016/154531)

[30] US (62/138,627) 2015-03-26

[30] US (62/147,558) 2015-04-14

[30] US (62/155,741) 2015-05-01

[21] **2,981,041**
[13] A1

[51] **Int.Cl. C07D 319/08 (2006.01) C07B 53/00 (2006.01) C07C 49/303 (2006.01) C07C 49/307 (2006.01) C07D 211/70 (2006.01) C07D 223/10 (2006.01)**

[25] EN

[54] **ASYMMETRIC CATALYTIC DECARBOXYLATIVE ALKYL ALKYLATION USING LOW CATALYST CONCENTRATIONS AND A ROBUST PRECATALYST**

[54] **ALKYLATION DECARBOXYLATIVE CATALYTIQUE ASYMETRIQUE D'ALKYLE AU MOYEN DE FAIBLES CONCENTRATIONS DE CATALYSEUR ET D'UN PRECATALYSEUR ROBUSTE**

[72] STOLTZ, BRIAN M., US

[72] MARZIALE, ALEXANDER N., CH

[72] CRAIG, ROBERT A., US

[72] DUQUETTE, DOUGLAS, US

[72] KIM, KELLY E., US

[72] LINIGER, MARC, CH

[72] NUMAJIRI, YOSHITAKA, JP

[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2017-09-26

[86] 2016-03-25 (PCT/US2016/024238)

[87] (WO2016/160579)

[30] US (62/139,522) 2015-03-27

[21] **2,981,042**
[13] A1

[51] **Int.Cl. B01L 7/00 (2006.01) C12M 1/00 (2006.01) C12M 3/00 (2006.01) F25B 29/00 (2006.01) F25D 31/00 (2006.01)**

[25] EN

[54] **SELF-HEATING DEVICE FOR WARMING OF BIOLOGICAL SAMPLES**

[54] **DISPOSITIF AUTO-CHAUFFANT POUR CHAUFFER DES ECHANTILLONS BIOLOGIQUES**

[72] BECKERDITE, JOHN, US

[72] PEDICINI, CHRISTOPHER, US

[71] RECHARGEABLE BATTERY CORPORATION, US

[85] 2017-09-26

[86] 2016-03-23 (PCT/US2016/023697)

[87] (WO2016/160442)

[30] US (14/670,704) 2015-03-27

[21] **2,981,045**
[13] A1

[51] **Int.Cl. A23L 33/18 (2016.01) A23L 29/00 (2016.01) A23L 33/10 (2016.01) A23L 33/17 (2016.01)**

[25] EN

[54] **AQUEOUS KETOGENIC COMPOSITIONS**

[54] **COMPOSITIONS CETOGENES AQUEUSES**

[72] OLSON, KURT, US

[72] GINGRICH, SUSAN, US

[71] CAMBROOKE THERAPEUTICS, INC., US

[85] 2017-09-26

[86] 2016-03-25 (PCT/US2016/024299)

[87] (WO2016/154575)

[30] US (62/138,949) 2015-03-26

[21] **2,981,046**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **CO-CRYSTALS OF A BRUTON'S TYROSINE KINASE INHIBITOR**

[54] **CO-CRISTAUX D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**

[72] GOLDMAN, ERICK, US

[72] SMYTH, MARK STEPHEN, US

[72] BONNAUD, THIERRY, GB

[72] SULEIMAN, OSAMA, GB

[72] WORRALL, CHRISTOPHER PETER, GB

[71] PHARMACYCLICS LLC, US

[85] 2017-09-26

[86] 2016-03-25 (PCT/US2016/024321)

[87] (WO2016/160604)

[30] US (62/139,599) 2015-03-27

PCT Applications Entering the National Phase

[21] **2,981,047**
[13] A1

[51] **Int.Cl. G21D 3/06 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM FOR A NUCLEAR POWER PLANT AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE SECURITE POUR CENTRALE NUCLEAIRE ET PROCEDE POUR L'EXPLOITER**
[72] REMLEY, GILBERT WILLIAM, US
[72] SCAROLA, KENNETH, US
[71] MITSUBISHI ELECTRIC POWER PRODUCTS, INC., US
[85] 2017-09-26
[86] 2016-03-24 (PCT/US2016/023933)
[87] (WO2016/160492)
[30] US (14/671,172) 2015-03-27

[21] **2,981,048**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SOLVATED FORMS OF A BRUTON'S TYROSINE KINASE INHIBITOR**
[54] **FORMES SOLVATEES D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**
[72] GOLDMAN, ERICK, US
[72] SMYTH, MARK STEPHEN, US
[72] BONNAUD, THIERRY, GB
[72] MUNOZ GARCIA, ALBERTO, GB
[72] WORRALL, CHRISTOPHER PETER, GB
[71] PHARMACYCLICS LLC, US
[85] 2017-09-26
[86] 2016-03-25 (PCT/US2016/024305)
[87] (WO2016/160598)
[30] US (62/139,594) 2015-03-27

[21] **2,981,049**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 38/20 (2006.01) A61N 1/32 (2006.01) C12N 15/63 (2006.01) C12N 15/66 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHOD FOR THE TREATMENT OF MALIGNANCIES**
[54] **PROCEDE DE TRAITEMENT DE TUMEURS MALIGNES**
[72] PIERCE, ROBERT H., US
[72] DAUD, ADIL, US
[71] ONCOSEC MEDICAL INCORPORATED, US
[85] 2017-09-26
[86] 2016-03-24 (PCT/US2016/024079)
[87] (WO2016/154473)
[30] US (62/138,793) 2015-03-26
[30] US (62/309,131) 2016-03-16

[21] **2,981,055**
[13] A1

[51] **Int.Cl. C07D 487/10 (2006.01) A61K 31/33 (2006.01) A61P 35/00 (2006.01) C07D 211/18 (2006.01)**
[25] EN
[54] **SPIROCYCLIC COMPOUNDS**
[54] **COMPOSES SPIROCYCLIQUES**
[72] HUANG, PETER QINHUA, US
[72] KAHRAMAN, MEHMET, US
[72] SLEE, DEBORAH HELEN, US
[72] BUNKER, KEVIN DUANE, US
[72] HOPKINS, CHAD DANIEL, US
[72] PINCHMAN, JOSEPH ROBERT, US
[72] ABRAHAM, SUNNY, US
[72] SIT, RAKESH KUMAR, US
[72] SEVERANCE, DANIEL LEE, US
[71] KALYRA PHARMACEUTICALS, INC., US
[85] 2017-09-26
[86] 2016-03-31 (PCT/US2016/025345)
[87] (WO2016/161160)
[30] US (62/142,946) 2015-04-03

[21] **2,981,057**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61F 2/08 (2006.01)**
[25] EN
[54] **SOFT TISSUE TENSIONING AND FIXATION DEVICE**
[54] **DISPOSITIF DE MISE SOUS TENSION ET DE FIXATION DE TISSU MOU**
[72] LOPEZ, MANDI J., US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2017-09-26
[86] 2016-04-07 (PCT/US2016/026448)
[87] (WO2016/164588)
[30] US (62/145,552) 2015-04-10

[21] **2,981,058**
[13] A1

[51] **Int.Cl. F04B 9/10 (2006.01) A23L 3/015 (2006.01) F04B 15/00 (2006.01) F04B 37/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR HIGH PRESSURE, HIGH SHEAR PROCESSING OF FLUIDS**
[54] **SYSTEME POUR LE TRAITEMENT A HAUTE PRESSION ET A CISAILLEMENT ELEVE DE FLUIDES**
[72] TING, EDMUND Y., US
[71] PRESSURE BIOSCIENCES, INC., US
[85] 2017-09-26
[86] 2016-03-28 (PCT/US2016/024452)
[87] (WO2016/160667)
[30] US (62/139,706) 2015-03-28

Demandes PCT entrant en phase nationale

[21] **2,981,059**
[13] A1

[51] **Int.Cl. C12N 1/38 (2006.01) C12N 1/20 (2006.01) C12N 1/22 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR ENHANCED ENZYME PRODUCTION**

[54] **COMPOSITIONS POUR LA PRODUCTION AMELIOREE D'ENZYMES**

[72] MEDOFF, MARSHALL, US

[72] MASTERMAN, THOMAS CRAIG, US

[72] YOSHIDA, AIICHIRO, US

[72] MOON, JAEWOONG, US

[72] BERGERON, CHRISTOPHER G., US

[72] LYNCH, JAMES J., US

[71] XYLECO, INC., US

[85] 2017-09-26

[86] 2016-03-30 (PCT/US2016/024966)

[87] (WO2016/160956)

[30] US (62/140,785) 2015-03-31

[21] **2,981,061**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/30 (2006.01) A61L 27/00 (2006.01)**

[25] EN

[54] **HYDROGEL IMPLANTS WITH POROUS MATERIALS AND METHODS**

[54] **IMPLANTS A BASE D'HYDROGEL COMPORTANT DES MATERIAUX POREUX ET PROCEDES ASSOCIES**

[72] PATRICK, TIMOTHY J., US

[72] RAMEY, CARRIBETH B., US

[72] TUDOR, LETITIA, US

[72] AXELROD, MICHAEL A., US

[71] CARTIVA, INC., US

[85] 2017-09-26

[86] 2016-03-30 (PCT/US2016/025080)

[87] (WO2016/161025)

[30] US (62/141,059) 2015-03-31

[21] **2,981,064**
[13] A1

[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/16 (2006.01) A61F 2/30 (2006.01) A61F 2/42 (2006.01)**

[25] EN

[54] **CARPOMETACARPAL (CMC) IMPLANTS AND METHODS**

[54] **IMPLANTS CARPOMETACARPIENS (CMC) ET PROCEDES**

[72] PATRICK, TIMOTHY J., US

[72] RAMEY, CARRIBETH B., US

[72] TUDOR, LETITIA, US

[71] CARTIVA, INC., US

[85] 2017-09-26

[86] 2016-03-30 (PCT/US2016/025081)

[87] (WO2016/161026)

[30] US (62/141,186) 2015-03-31

[21] **2,981,066**
[13] A1

[51] **Int.Cl. A61K 31/4245 (2006.01) C07D 271/06 (2006.01) C07D 333/10 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF 2-THIOPHENECARBONYL CHLORIDE**

[54] **PROCEDES DE PREPARATION DE CHLORURE DE 2-THIOPHENECARBONYLE**

[72] WALKER, DANIEL P., US

[72] MILLER, WILLIAM H., US

[71] MONSANTO TECHNOLOGY LLC, US

[85] 2017-09-26

[86] 2016-03-31 (PCT/US2016/025159)

[87] (WO2016/161063)

[30] US (62/140,915) 2015-03-31

[21] **2,981,067**
[13] A1

[51] **Int.Cl. H04N 21/61 (2011.01) H04L 27/26 (2006.01)**

[25] EN

[54] **ADVANCED DATA CELL RESOURCE MAPPING**

[54] **MISE EN CORRESPONDANCE DE RESSOURCES DE CELLULE DE DONNEES AMELIOREE**

[72] EARNSHAW, MARK, US

[72] SIMON, MICHAEL J., US

[72] SHELBY, KEVIN A., US

[71] ONE MEDIA, LLC, US

[85] 2017-09-26

[86] 2016-04-08 (PCT/US2016/026647)

[87] (WO2016/164728)

[30] US (62/144,558) 2015-04-08

[21] **2,981,068**
[13] A1

[51] **Int.Cl. A61K 33/24 (2006.01) A61K 31/337 (2006.01) A61K 31/568 (2006.01) A61K 31/704 (2006.01) C07K 16/18 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **THERAPY FOR MALIGNANT DISEASE**

[54] **THERAPIE POUR UNE AFFECTION MALIGNNE**

[72] MOORE, RICHARD G., US

[72] SINGH, RAKESH K., US

[72] YANO, NAOHIRO, US

[71] WOMAN & INFANTS' HOSPITAL OF RHODE ISLAND, US

[85] 2017-09-26

[86] 2016-03-28 (PCT/US2016/024566)

[87] (WO2016/154629)

[30] US (62/138,836) 2015-03-26

[21] **2,981,069**
[13] A1

[51] **Int.Cl. E21B 10/44 (2006.01) E02F 3/02 (2006.01) E02F 3/04 (2006.01) E04H 12/34 (2006.01) E21B 3/02 (2006.01)**

[25] EN

[54] **HOLLOW BORING AUGER**

[54] **TARIERE DE FORAGE CREUSE**

[72] FALKENHAGEN, ERIC ALAN, AU

[71] FALKENHAGEN, ERIC ALAN, AU

[85] 2017-09-27

[86] 2016-03-24 (PCT/AU2016/050229)

[87] (WO2016/154669)

[30] AU (2015901126) 2015-03-28

PCT Applications Entering the National Phase

[21] **2,981,070**
[13] A1

[51] **Int.Cl. A61M 35/00 (2006.01) A61M 11/00 (2006.01) B05B 17/06 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC DISPENSER WITH REPLACEABLE AMPOULE**
[54] **DISTRIBUTEUR PIEZOELECTRIQUE AVEC AMPOULE REMPLACABLE**
[72] IVRI, YEHUDA, US
[71] KEDALION THERAPEUTICS, INC., US
[85] 2017-09-26
[86] 2016-04-08 (PCT/US2016/026795)
[87] (WO2016/164830)
[30] US (62/178,464) 2015-04-10

[21] **2,981,071**
[13] A1

[51] **Int.Cl. C09D 5/08 (2006.01) C04B 14/36 (2006.01) C04B 16/00 (2006.01) C08L 63/00 (2006.01) C09D 163/00 (2006.01) C23C 22/52 (2006.01) C23F 11/10 (2006.01) C23F 11/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR INHIBITING CORROSION**
[54] **COMPOSITIONS POUR L'INHIBITION DE CORROSION**
[72] MARDEL, JAMES IVAN, AU
[72] COLE, IVAN STUART, AU
[72] WHITE, PAUL ANDREW, AU
[72] HUGHES, ANTHONY EWART, AU
[72] MARKLEY, TRACEY ANNE, AU
[72] HARVEY, TIMOTHY GRAHAM, AU
[72] OSBORNE, JOSEPH, US
[72] SAPPER, ERIK, US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] THE BOEING COMPANY, US
[85] 2017-09-27
[86] 2016-03-31 (PCT/AU2016/050245)
[87] (WO2016/154680)
[30] US (62/141,084) 2015-03-31

[21] **2,981,074**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01)**
[25] EN
[54] **TOOLING FOR CREATING TAPERED OPENING IN TISSUE AND RELATED METHODS**
[54] **OUTILLAGE POUR CREATION D'UNE OUVERTURE CONIQUE DANS LE TISSU ET PROCEDES ASSOCIES**
[72] AXELROD, MICHAEL A., US
[72] TUDOR, LETITIA, US
[71] CARTIVA, INC., US
[85] 2017-09-26
[86] 2016-04-13 (PCT/US2016/027370)
[87] (WO2016/168363)
[30] US (62/147,548) 2015-04-14

[21] **2,981,078**
[13] A1

[51] **Int.Cl. G08C 23/06 (2006.01) B25J 3/00 (2006.01) G01J 1/04 (2006.01) G08G 9/00 (2006.01)**
[25] EN
[54] **OMNIDIRECTIONAL OPTICAL WIRELESS COMMUNICATIONS RECEIVER & SYSTEM**
[54] **RECEPTEUR DE COMMUNICATIONS SANS FIL OPTIQUE OMNIDIRECTIONNEL & SYSTEME**
[72] BARROSO, ALBERTO RUI FRUTUOSO, CA
[72] BAIDEN, GREGORY, CA
[71] PENGUIN AUTOMATED SYSTEMS INC., CA
[85] 2017-09-27
[86] 2016-03-24 (PCT/CA2016/050354)
[87] (WO2016/154742)
[30] US (62/139,008) 2015-03-27

[21] **2,981,079**
[13] A1

[51] **Int.Cl. G01V 5/00 (2006.01) G01N 23/04 (2006.01)**
[25] EN
[54] **SECURITY INSPECTION PASSAGE AND SECURITY INSPECTION APPARATUS**
[54] **CANAL DE CONTROLE DE SECURITE ET DISPOSITIF DE VERIFICATION DE SECURITE**
[72] HUANG, QINGPING, CN
[72] XU, JIA, CN
[72] HONG, MINGZHI, CN
[72] ZHENG, YANXIA, CN
[71] NUCTECH COMPANY LIMITED, CN
[85] 2017-09-27
[86] 2016-07-22 (PCT/CN2016/090986)
[87] (WO2017/050009)
[30] CN (201510608267.3) 2015-09-22

[21] **2,981,080**
[13] A1

[51] **Int.Cl. A01N 37/42 (2006.01) C07C 59/90 (2006.01) C07C 69/738 (2006.01)**
[25] EN
[54] **(S)-2'-VINYL-ABSCISIC ACID DERIVATIVES**
[54] **DERIVES D'ACIDE (S)-2'-VINYL ABSCISSIQUE**
[72] WANG, GARY T., US
[72] HEIMAN, DANIEL F., US
[72] VENBURG, GREGORY D., US
[72] LUSTIG, JOSEPH, US
[72] SURPIN, MARCI ANN, US
[72] FRITTS, ROBERT ERWIN, JR., US
[72] SILVERMAN, FRANKLIN PAUL, US
[72] WOOLARD, DEREK D., US
[71] VALENT BIOSCIENCES LLC, US
[85] 2017-09-26
[86] 2016-04-15 (PCT/US2016/027664)
[87] (WO2016/168535)
[30] US (62/147,869) 2015-04-15

Demandes PCT entrant en phase nationale

[21] **2,981,082**
[13] A1

[51] **Int.Cl. C08G 18/36 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **METATHESIZED TRIACYLGLYCEROL GREEN POLYOLS FROM PALM OIL FOR USE IN POLYURETHANE APPLICATIONS AND THEIR RELATED PHYSICAL PROPERTIES**

[54] **POLYOLS VERTS A BASE DE TRIACYLGLYCEROL AYANT SUBI UNE METATHESE, OBTENUS A PARTIR D'HUILE DE PALME, DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE POLYURETHANE ET LEURS PROPRIETES PHYSIQUES ASSOCIEES**

[72] PILLAI, PRASANTH KUMAR
SASIDHARAN, CA

[72] LI, SHAOJUN, CA

[72] BOUZIDI, LAZIZ, CA

[72] MAHDEVARI, ALI, CA

[72] NARINE, SURESH, CA

[71] TRENT UNIVERSITY, CA

[85] 2017-09-27

[86] 2015-03-26 (PCT/CA2015/050234)

[87] (WO2015/143562)

[30] US (61/971,475) 2014-03-27

[30] US (62/109,441) 2015-01-29

[21] **2,981,083**
[13] A1

[51] **Int.Cl. A01D 41/06 (2006.01) A01D 45/04 (2006.01) A01D 41/08 (2006.01)**

[25] EN

[54] **STRIPPER-HARVESTER; HARVESTING DEVICE**

[54] **BATTEUSE A EPIS; DISPOSITIF DE RECOLTE**

[72] FINK, LUCIAN, ANDREJ, DE

[71] FINK, LUCIAN, ANDREJ, DE

[85] 2017-09-27

[86] 2015-10-06 (PCT/DE2015/000508)

[87] (WO2016/055049)

[30] DE (10 2014 014 871.8) 2014-10-06

[21] **2,981,087**
[13] A1

[51] **Int.Cl. C08G 18/36 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **CERTAIN METATHESIZED NATURAL OIL TRIACYLGLYCEROL POLYOLS FOR USE IN POLYURETHANE APPLICATIONS AND THEIR RELATED PHYSICAL PROPERTIES**

[54] **POLYOLS DE TRIACYLGLYCEROLS A BASE D'HUILE NATURELLE AYANT SUBI UNE METATHESE DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE POLYURETHANE ET LEURS PROPRIETES PHYSIQUES ASSOCIEES**

[72] NARINE, SURESH, CA

[72] PILLAI, PRASANTH KUMAR
SASIDHARAN, CA

[72] LI, SHAOJUN, CA

[72] BOUZIDI, LAZIZ, CA

[72] MAHDEVARI, ALI, CA

[71] TRENT UNIVERSITY, CA

[85] 2017-09-27

[86] 2015-03-26 (PCT/CA2015/050235)

[87] (WO2015/143563)

[30] US (61/971,475) 2014-03-27

[30] US (62/107,404) 2015-01-24

[21] **2,981,088**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01N 63/00 (2006.01) C07K 14/195 (2006.01) C07K 14/325 (2006.01)**

[25] EN

[54] **PESTICIDAL GENES AND METHODS OF USE**

[54] **GENES PESTICIDES ET LEURS PROCEDES D'UTILISATION**

[72] PARKS, JESSICA, US

[72] ROBERTS, KIRA BULAZEL, US

[72] THAYER, REBECCA E., US

[71] AGBIOME, INC., US

[85] 2017-09-26

[86] 2016-04-15 (PCT/US2016/027710)

[87] (WO2016/171999)

[30] US (62/151,156) 2015-04-22

[21] **2,981,107**
[13] A1

[51] **Int.Cl. G02B 5/18 (2006.01) G02B 27/32 (2006.01) G03B 27/54 (2006.01) G03H 1/00 (2006.01) G03H 1/08 (2006.01) G03H 1/22 (2006.01)**

[25] EN

[54] **SEPARATED PUPIL OPTICAL SYSTEMS FOR VIRTUAL AND AUGMENTED REALITY AND METHODS FOR DISPLAYING IMAGES USING SAME**

[54] **SYSTEMES OPTIQUES A PUPILLES SEPARÉES DE REALITE VIRTUELLE ET DE REALITE AUGMENTEE ET PROCEDES D'AFFICHAGE D'IMAGES LES UTILISANT**

[72] KLUG, MICHAEL A., US

[72] CAHALL, SCOTT C., US

[72] CHUNG, HYUNSUN, US

[71] MAGIC LEAP, INC., US

[85] 2017-09-26

[86] 2016-05-04 (PCT/US2016/030717)

[87] (WO2016/179246)

[30] US (62/156,809) 2015-05-04

[21] **2,981,109**
[13] A1

[51] **Int.Cl. C08G 18/36 (2006.01) C08J 9/04 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **METATHESIZED TRIACYLGLYCEROL POLYOLS DERIVED FROM PALM OIL FOR USE IN POLYURETHANE APPLICATIONS AND THEIR RELATED PHYSICAL PROPERTIES**

[54] **POLYOLS A BASE DE TRIACYLGLYCEROL AYANT SUBI UNE METATHESE, DERIVES D'HUILE DE PALME, DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE POLYURETHANE ET LEURS PROPRIETES PHYSIQUES ASSOCIEES**

[72] NARINE, SURESH, CA

[72] PILLAI, PRASANTH KUMAR
SASIDHARAN, CA

[72] LI, SHAOJUN, CA

[72] BOUZIDI, LAZIZ, CA

[72] MAHDEVARI, ALI, CA

[71] TRENT UNIVERSITY, CA

[85] 2017-09-27

[86] 2015-03-27 (PCT/CA2015/050242)

[87] (WO2015/143568)

[30] US (61/971,475) 2014-03-27

PCT Applications Entering the National Phase

[21] **2,981,114**
[13] A1

[51] **Int.Cl. E21B 7/24 (2006.01) E21B 28/00 (2006.01)**

[25] EN

[54] **DOWNHOLE VIBRATION ASSEMBLY AND METHOD OF USING SAME**

[54] **ENSEMBLE DE VIBRATION DE FOND DE TROU ET SON PROCEDE D'UTILISATION**

[72] PRILL, JONATHAN RYAN, CA

[71] DRECO ENERGY SERVICES ULC, CA

[85] 2017-09-27

[86] 2016-04-04 (PCT/CA2016/000099)

[87] (WO2016/161502)

[30] US (62/144,801) 2015-04-08

[21] **2,981,120**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) F25D 17/02 (2006.01)**

[25] EN

[54] **PROCESSES AND SYSTEMS FOR CONTROLLING COOLING FLUID**

[54] **PROCEDES ET SYSTEMES DE REGULATION DE FLUIDE DE REFROIDISSEMENT**

[72] SCHRAD, GREGORY J., US

[72] HAGEN, JAMES G., US

[72] MUELLER, SEAN G., US

[72] PHAM, TRUNG, US

[72] XU, ZHANPING, US

[71] UOP LLC, US

[85] 2017-09-26

[86] 2016-06-08 (PCT/US2016/036405)

[87] (WO2016/205036)

[30] US (62/181,531) 2015-06-18

[21] **2,981,126**
[13] A1

[51] **Int.Cl. B21D 26/041 (2011.01)**

[25] EN

[54] **FORMING DEVICE**

[54] **DISPOSITIF DE FACONNAGE**

[72] SAIKA, MASAYUKI, JP

[72] ISHIZUKA, MASAYUKI, JP

[72] UENO, NORIEDA, JP

[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP

[85] 2017-09-27

[86] 2016-03-25 (PCT/JP2016/059704)

[87] (WO2016/158787)

[30] JP (2015-072467) 2015-03-31

[21] **2,981,131**
[13] A1

[51] **Int.Cl. G01N 35/02 (2006.01) G01N 37/00 (2006.01)**

[25] EN

[54] **ANALYSIS CHIP**

[54] **PUCE D'ANALYSE**

[72] OTSUKA, HIROKI, JP

[72] UEDA, YOJI, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2017-09-27

[86] 2016-03-31 (PCT/JP2016/060840)

[87] (WO2016/159324)

[30] JP (2015-072737) 2015-03-31

[30] JP (2015-255380) 2015-12-25

[21] **2,981,132**
[13] A1

[51] **Int.Cl. A01N 25/30 (2006.01)**

[25] EN

[54] **SOLUTIONS EMPLOYING HERBICIDES AND BUFFERED AMINE OXIDES TO KILL WEEDS AND RELATED METHODS**

[54] **SOLUTIONS UTILISANT DES HERBICIDES ET DES OXYDES D'AMINE TAMPONNES POUR TUER LES MAUVAISES HERBES ET PROCEDES ASSOCIES**

[72] WARD, HANS A., US

[72] CLAWSON, RONALD W., JR., US

[72] CUTLER, KENNETH A., US

[72] SCOTT, CAMERON R., NZ

[71] KOP-COAT, INC., US

[85] 2017-09-27

[86] 2015-10-06 (PCT/US2015/054116)

[87] (WO2016/160062)

[30] US (14/674,498) 2015-03-31

[21] **2,981,133**
[13] A1

[51] **Int.Cl. B01J 27/047 (2006.01) B01J 27/02 (2006.01) B01J 27/04 (2006.01) B01J 37/20 (2006.01)**

[25] EN

[54] **PRESULFURIZED CATALYST COMPOSITION**

[54] **COMPOSITION DE CATALYSEUR PRESULFURE**

[72] SEAMANS, JAMES DALLAS, US

[72] KOH, EVONNE, SG

[71] POROCEL INTERNATIONAL, LLC, US

[85] 2017-09-27

[86] 2016-03-25 (PCT/US2016/024257)

[87] (WO2016/160585)

[30] US (62/139,423) 2015-03-27

[21] **2,981,134**
[13] A1

[51] **Int.Cl. H04N 5/272 (2006.01) G06T 3/00 (2006.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01) H04N 5/66 (2006.01)**

[25] EN

[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING PROGRAM**

[54] **APPAREIL DE TRAITEMENT DE L'INFORMATION, METHODE DE TRAITEMENT DE L'INFORMATION ET PROGRAMME DE TRAITEMENT DE L'INFORMATION**

[72] CHIBA, TAKETO, JP

[71] RICOH COMPANY, LTD., JP

[85] 2017-09-27

[86] 2016-04-05 (PCT/JP2016/061059)

[87] (WO2016/163342)

[30] JP (2015-077766) 2015-04-06

[21] **2,981,135**
[13] A1

[51] **Int.Cl. A61K 31/70 (2006.01) A61K 31/715 (2006.01) A61P 35/00 (2006.01) C08B 37/00 (2006.01)**

[25] EN

[54] **METHODS AND MATERIALS FOR TREATING CANCER**

[54] **PROCEDES ET MATERIAUX POUR TRAITER LE CANCER**

[72] STEFANO, GEORGE B., US

[72] KREAM, RICHARD M., US

[72] MANTIONE, KIRK J., US

[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US

[85] 2017-09-27

[86] 2016-03-25 (PCT/US2016/024283)

[87] (WO2016/160590)

[30] US (62/139,163) 2015-03-27

Demandes PCT entrant en phase nationale

[21] **2,981,138**
[13] A1

[51] **Int.Cl. A61K 31/715 (2006.01) A61K 9/00 (2006.01) A61K 31/70 (2006.01) A61K 35/00 (2006.01)**

[25] EN

[54] **METHODS AND MATERIALS FOR REDUCING AMYLOID BETA LEVELS WITHIN A MAMMAL**

[54] **PROCEDES ET MATERIAUX VISANT A REDUIRE LES NIVEAUX DE PROTEINE BETA-AMYLOIDE CHEZ UN MAMMIFERE**

[72] STEFANO, GEORGE B., US

[72] KREAM, RICHARD M., US

[72] MANTIONE, KIRK J., US

[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US

[85] 2017-09-27

[86] 2016-03-25 (PCT/US2016/024295)

[87] (WO2016/160594)

[30] US (62/139,178) 2015-03-27

[21] **2,981,140**
[13] A1

[51] **Int.Cl. E02B 3/06 (2006.01) B63B 35/44 (2006.01) E02B 17/02 (2006.01) E02D 23/02 (2006.01) E02D 27/52 (2006.01)**

[25] EN

[54] **SEA BED TERMINAL FOR OFFSHORE ACTIVITIES**

[54] **TERMINAL DE FOND MARIN POUR ACTIVITES EN MER**

[72] VARTDAL, HARALD, NO

[72] ROYSHEIM, TORE, NO

[72] KJERSEM, GEIR L., NO

[71] GRAVI FLOAT AS, NO

[85] 2017-09-27

[86] 2015-09-08 (PCT/NO2015/050156)

[87] (WO2016/085347)

[30] NO (20141426) 2014-11-27

[21] **2,981,142**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/59 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **CAR T-CELL THERAPY DIRECTED TO LHR FOR THE TREATMENT OF SOLID TUMORS**

[54] **THERAPIE A BASE DE LYMPHOCYTES T CAR DIRIGES CONTRE LE RECEPTEUR LHR POUR LE TRAITEMENT DES TUMEURS SOLIDES**

[72] EPSTEIN, ALAN L., US

[72] HU, PEISHENG, US

[72] PINSKI, JACEK K., US

[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[85] 2017-09-27

[86] 2016-03-25 (PCT/US2016/024354)

[87] (WO2016/160618)

[30] US (62/139,623) 2015-03-27

[21] **2,981,143**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **CAR T-CELLS FOR THE TREATMENT OF B7-H4 EXPRESSING SOLID TUMORS**

[54] **LYMPHOCYTES T CAR POUR LE TRAITEMENT DES TUMEURS SOLIDES EXPRIMANT B7-H4**

[72] EPSTEIN, ALAN L., US

[72] HU, PEISHENG, US

[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[85] 2017-09-27

[86] 2016-03-25 (PCT/US2016/024357)

[87] (WO2016/160620)

[30] US (62/139,592) 2015-03-27

[21] **2,981,144**
[13] A1

[51] **Int.Cl. F16L 15/00 (2006.01)**

[25] EN

[54] **METHOD FOR SEALING THREADED PIPE JOINTS**

[54] **PROCEDE POUR ASSURER L'ETANCHEITE DE RACCORDS FILETES DE TUYAUX**

[72] TOKAREV, ALEKSEY VASILEVICH, RU

[72] TOKAREV, PAVEL ALEKSEEVICH, RU

[72] KOLESNICHENKO, VASILII VASILEVICH, RU

[71] TOKAREV, ALEKSEY VASILEVICH, RU

[85] 2017-09-27

[86] 2016-08-01 (PCT/RU2016/000495)

[87] (WO2017/116278)

[30] RU (2015156657) 2015-12-28

[21] **2,981,149**
[13] A1

[51] **Int.Cl. B23C 5/10 (2006.01)**

[25] EN

[54] **MONOLITHIC CERAMIC END MILL CUTTER SET HAVING A HELIX ANGLE IN THE INTERVAL OF 28 TO 43**

[54] **ENSEMBLE DE COUPE A FRAISE EN BOUT DE CERAMIQUE MONOLITHIQUE COMPRENANT UN ANGLE D'HELICE DANS L'INTERVALLE DE 28 A 43**

[72] SERT ALAGAC, MELIKE, TR

[72] YILMAZ, UGUR EVRENSEL, TR

[71] ALP HAVACILIK SANAYI VE TICARET ANONIM SIRKETI, TR

[85] 2017-09-27

[86] 2016-08-01 (PCT/TR2016/050252)

[87] (WO2017/099682)

[30] TR (2015/15785) 2015-12-09

PCT Applications Entering the National Phase

[21] **2,981,151**
[13] A1

[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **END-MILLS MADE OF HARD METAL AND CERAMIC COMBINED BY BRAZING METHOD**
[54] **FRAISE EN BOUT COMPOSEE DE METAL DUR ET DE CERAMIQUE COMBINES PAR UN PROCEDE DE BRASAGE**
[72] BASKUT, EVREN, TR
[72] YILMAZ, UGUR EVRENSEL, TR
[71] ALP HAVACILIK SANAYI VE TICARET ANONIM SIRKETI, TR
[85] 2017-09-27
[86] 2016-12-13 (PCT/TR2016/050493)
[87] (WO2017/105367)
[30] TR (2015/16043) 2015-12-14

[21] **2,981,154**
[13] A1

[51] **Int.Cl. A47G 9/06 (2006.01) A44C 25/00 (2006.01) A47G 27/02 (2006.01) A61H 99/00 (2006.01) A63B 6/00 (2006.01)**
[25] EN
[54] **HEALTH ACCESSORIES**
[54] **ACCESSOIRES DE SANTE**
[72] DARNELL, CARRIE ANN, US
[71] DARNELL, CARRIE ANN, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024223)
[87] (WO2016/160575)
[30] US (62/139,136) 2015-03-27

[21] **2,981,155**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01) G01N 1/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ASSESSING STAIN QUALITY FOR IN-SITU HYBRIDIZATION AND IMMUNOHISTOCHEMISTRY**
[54] **METHODE ET SYSTEME D'EVALUATION DE LA QUALITE DE LA COLORATION POUR L'IMMUNOCYTOCHIMIE ET L'HYBRIDATION IN SITU**
[72] GARSHA, KARL, US
[72] OTTER, MICHAEL, US
[72] STEVENS, BENJAMIN, US
[72] TAFT, JEFFERSON, US
[72] VENTURA, FRANK, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2017-09-27
[86] 2016-05-25 (PCT/EP2016/061859)
[87] (WO2016/189065)
[30] US (62/166,155) 2015-05-26
[30] US (62/328,041) 2016-04-27

[21] **2,981,158**
[13] A1

[51] **Int.Cl. A61K 31/282 (2006.01) C07F 15/00 (2006.01) C07F 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF DICYCLOPLATIN**
[54] **PROCEDE DE PREPARATION DE DICYCLOPLATINE**
[72] LIU, XIAOZHONG, CN
[72] XI, JIRUI, US
[72] ZHAO, YE, US
[72] ZHANG, LIANG, US
[71] SYN-NAT PRODUCTS ENTERPRISE LLC, US
[71] MEDONCARE PHARMACEUTICAL CO., LTD, CN
[85] 2017-09-27
[86] 2015-04-10 (PCT/US2015/025334)
[87] (WO2016/164040)

[21] **2,981,161**
[13] A1

[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] IKEDA, NOBUHISA, JP
[72] AOKI, TETSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-27
[86] 2015-03-27 (PCT/JP2015/059712)
[87] (WO2016/157320)

[21] **2,981,163**
[13] A1

[51] **Int.Cl. H04N 21/436 (2011.01) H04N 21/435 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTENT INFORMATION COMMUNICATION**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION D'INFORMATIONS DE CONTENU**
[72] DESHPANDE, SACHIN G., US
[72] MOSER, PETER T., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-09-27
[86] 2016-04-22 (PCT/JP2016/002162)
[87] (WO2016/170798)
[30] US (62/151,295) 2015-04-22
[30] US (62/281,583) 2016-01-21

[21] **2,981,166**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) G01N 33/537 (2006.01) G01N 33/543 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **HLA-G AS A NOVEL TARGET FOR CAR T-CELL IMMUNOTHERAPY**
[54] **HLA-G EN TANT QUE NOUVELLE CIBLE POUR L'IMMUNOTHERAPIE PAR LYMPHOCYTES T CAR**
[72] EPSTEIN, ALAN L., US
[72] HU, PEISHENG, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-09-27
[86] 2016-03-25 (PCT/US2016/024361)
[87] (WO2016/160622)
[30] US (62/139,617) 2015-03-27

Demandes PCT entrant en phase nationale

[21] **2,981,167**
[13] A1
[51] **Int.Cl. B25C 1/04 (2006.01)**
[25] EN
[54] **LIFT MECHANISM FOR FRAMING NAILER**
[54] **MECANISME DE LEVAGE POUR CLOUEUSE DE CHARPENTE**
[72] MCCARDLE, THOMAS A., US
[72] KLEIN, CHRISTOPHER D., US
[72] KABBES, ANTHONY D., US
[72] RIES, DONALD C., US
[72] BURKE, JOHN T., US
[72] GUNNERSON, KORY A., US
[72] SCHAFFER, JEROME J., US
[71] SENCO BRANDS, INC., US
[85] 2017-09-27
[86] 2016-03-28 (PCT/US2016/024510)
[87] (WO2016/160699)
[30] US (62/140,177) 2015-03-30

[21] **2,981,168**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR PREDICTING PRODUCT PERFORMANCE IN A RETAIL DISPLAY AREA**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE PREDICTION DE PERFORMANCE DE PRODUIT DANS UNE ZONE D'AFFICHAGE AU DETAIL**
[72] KOLLURU, MURTHY NARAYANA, US
[71] WAL-MART STORES, INC., US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/024891)
[87] (WO2016/160916)
[30] US (62/140,244) 2015-03-30

[21] **2,981,169**
[13] A1
[51] **Int.Cl. B64G 1/22 (2006.01) B64G 1/50 (2006.01) F28D 15/02 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **SATELLITE RADIATOR PANELS WITH COMBINED STIFFENER/HEAT PIPE**
[54] **PANNEAUX DE RADIATEUR POUR SATELLITE A RAIDISSEUR/CALODUC COMBINE**
[72] SMITH, ALEXANDER D., US
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/024916)
[87] (WO2016/160924)
[30] US (14/673,215) 2015-03-30

[21] **2,981,170**
[13] A1
[51] **Int.Cl. F28D 21/00 (2006.01) B64G 1/22 (2006.01) B64G 1/50 (2006.01) F28D 15/02 (2006.01)**
[25] EN
[54] **PASSIVE THERMAL SYSTEM COMPRISING COMBINED HEAT PIPE AND PHASE CHANGE MATERIAL AND SATELLITES INCORPORATING SAME**
[54] **SYSTEME THERMIQUE PASSIF COMPRENANT UN CALODUC ET UN MATERIAU A CHANGEMENT DE PHASE COMBINES ET SATELLITES COMPRENANT LEDIT SYSTEME**
[72] SMITH, ALEXANDER D., US
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/024922)
[87] (WO2016/171852)
[30] US (14/673,170) 2015-03-30

[21] **2,981,172**
[13] A1
[51] **Int.Cl. B64G 1/10 (2006.01)**
[25] EN
[54] **SATELLITE FRAME AND METHOD OF MAKING A SATELLITE**
[54] **CADRE DE SATELLITE ET PROCEDE DE FABRICATION D'UN SATELLITE**
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[72] SMITH, ALEXANDER D., US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/025006)
[87] (WO2016/160987)
[30] US (14/675,542) 2015-03-31

[21] **2,981,173**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) C07J 3/00 (2006.01) C07J 41/00 (2006.01) C07J 51/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **NOVEL CYTOTOXIC AGENTS THAT PREFERENTIALLY TARGET LEUKEMIA INHIBITORY FACTOR (LIF) FOR THE TREATMENT OF MALIGNANCIES AND AS NEW CONTRACEPTIVE AGENTS**
[54] **NOUVEAUX AGENTS CYTOTOXIQUES QUI CIBLENT PREFERENTIELLEMENT LE FACTEUR D'INHIBITION DE LA LEUCEMIE (LIF) POUR LE TRAITEMENT DE TUMEURS MALIGNES ET COMME NOUVEAUX AGENTS CONTRACEPTIFS**
[72] NAIR, HAREESH, US
[72] SANTHAMMA, BINDU, US
[72] NICKISCH, KLAUS, DE
[71] EVESTRA, INC., US
[85] 2017-09-27
[86] 2016-03-22 (PCT/US2016/023582)
[87] (WO2016/154203)
[30] US (62/136,813) 2015-03-23

PCT Applications Entering the National Phase

[21] **2,981,174**
[13] A1

[51] **Int.Cl. H01R 11/14 (2006.01)**
[25] EN
[54] **SPRING LOADED PARALLEL PAD CLAMP CONNECTORS CONNECTABLE USING LINEMAN HOT STICKS**

[54] **CONNECTEURS DE SERRAGE A RESSORT COMPORTANT DES PLAQUETTES PARALLELES POUVANT ETRE CONNECTES A L'AIDE DE PERCHES ISOLANTES DE MONTEUR DE LIGNES**

[72] DE FRANCE, ROBERT VICTOR, US
[72] DOBRINSKI, DANIEL DAVID, US
[72] HALL, JEFFERSON ROBERT, US
[71] HUBBELL INCORPORATED, US
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/025086)
[87] (WO2016/161030)
[30] US (62/140,437) 2015-03-30

[21] **2,981,176**
[13] A1

[51] **Int.Cl. A61K 31/16 (2006.01) A61P 7/06 (2006.01) C07D 213/16 (2006.01)**

[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ANEMIA**

[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER UNE ANEMIE**

[72] SMITH, ALEXANDER, US
[72] CHANDORKAR, GURUDATT AJAY, US
[72] ETTE, ENE IKPONG, US
[72] MARONI, BRADLEY JOHN, US
[72] HARTMAN, CHARLOTTE SUZANNE, US
[72] FARZANEH-FAR, RAMIN, US
[72] INRIG, JULA KERN, US
[71] AKEBIA THERAPEUTICS, INC., US
[85] 2017-09-27
[86] 2016-03-31 (PCT/US2016/025235)
[87] (WO2016/161094)
[30] US (62/141,420) 2015-04-01
[30] US (62/270,168) 2015-12-21

[21] **2,981,177**
[13] A1

[51] **Int.Cl. A47L 9/10 (2006.01) A47L 5/36 (2006.01) A47L 9/00 (2006.01) A47L 9/12 (2006.01) A47L 9/14 (2006.01)**

[25] EN
[54] **VACUUM CLEANER ATTACHMENT DEVICE AND SYSTEM**

[54] **SYSTEME ET DISPOSITIF FORMANT ACCESSOIRE D'ASPIRATEUR**

[72] GEYER, JAY D., US
[71] GEYER, JAY D., US
[85] 2017-09-27
[86] 2016-03-31 (PCT/US2016/025376)
[87] (WO2016/161183)
[30] US (62/141,929) 2015-04-02
[30] US (15/078,877) 2016-03-23

[21] **2,981,178**
[13] A1

[51] **Int.Cl. C11D 3/10 (2006.01) C11D 1/00 (2006.01) C11D 1/12 (2006.01) C11D 3/36 (2006.01) C11D 3/39 (2006.01)**

[25] EN
[54] **ENHANCED PEROXYGEN STABILITY IN MULTI-DISPENSE TAED-CONTAINING PEROXYGEN SOLID**

[54] **STABILITE AMELIOREE DU PEROXYGENE DANS DU PEROXYGENE SOLIDE CONTENANT DE LA TAED ET DESTINE A ETRE DISTRIBUE EN PLUSIEURS FOIS**

[72] DOTZAUER, DAVID, US
[72] KUTZ, KRISTA, US
[71] ECOLAB USA INC., US
[85] 2017-09-27
[86] 2016-04-01 (PCT/US2016/025497)
[87] (WO2016/161249)
[30] US (14/678,055) 2015-04-03

[21] **2,981,179**
[13] A1

[51] **Int.Cl. G01N 27/327 (2006.01) C12Q 1/00 (2006.01) G01N 27/26 (2006.01) G01N 33/50 (2006.01)**

[25] EN
[54] **ANALYTE SENSING FOR EYE INJURIES AND CONDITIONS**

[54] **DETECTION D'ANALYTE POUR MALADIES ET LESIONS OCULAIRES**

[72] PAN, DIPANJAN, US
[72] MISRA, SANTOSH KUMAR, US
[72] GARTIA, MANAS RANJAN, US
[72] LABRIOLA, LEANNE T., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2017-09-27
[86] 2016-04-01 (PCT/US2016/025507)
[87] (WO2016/161255)
[30] US (62/141,487) 2015-04-01

[21] **2,981,180**
[13] A1

[51] **Int.Cl. B64G 1/10 (2006.01) B64G 1/24 (2006.01) B64G 1/50 (2006.01) B64G 1/58 (2006.01)**

[25] EN
[54] **METHOD FOR THERMAL STABILIZATION OF A COMMUNICATIONS SATELLITE**

[54] **PROCEDE DE STABILISATION THERMIQUE D'UN SATELLITE DE COMMUNICATION**

[72] ASKIJIAN, ARMEN, US
[72] FIELD, DANIEL W., US
[72] GROSSMAN, JAMES, US
[72] SMITH, ALEXANDER D., US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-27
[86] 2016-04-01 (PCT/US2016/025537)
[87] (WO2016/161275)
[30] US (14/676,568) 2015-04-01

Demandes PCT entrant en phase nationale

[21] **2,981,181**
[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01) B05C 17/00 (2006.01)**
[25] EN
[54] **FLEXIBLE MOUNTING SYSTEM FOR HAND HYGIENE DISPENSERS**
[54] **SYSTEME DE MONTAGE FLEXIBLE POUR DISTRIBUTEURS DE PRODUIT POUR L'HYGIENE DES MAINS**
[72] SCHULTZ, ANDREW M., US
[72] GILBERTSON, SARAH E., US
[72] ANDERSON, DANIEL D., US
[72] LITTAU, CHERYL A., US
[71] ECOLAB USA INC., US
[85] 2017-09-27
[86] 2016-04-01 (PCT/US2016/025617)
[87] (WO2016/161318)
[30] US (62/141,629) 2015-04-01

[21] **2,981,184**
[13] A1

[51] **Int.Cl. H04B 7/208 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AN ADAPTIVE FRAME STRUCTURE WITH FILTERED OFDM**
[54] **SYSTEME ET PROCEDE POUR UNE STRUCTURE DE TRAME ADAPTATIVE AVEC OFDM FILTRE**
[72] AU, KELVIN KAR KIN, CA
[72] MA, JIANGLEI, CA
[72] ZHANG, LIQING, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-28
[86] 2016-03-21 (PCT/CN2016/076896)
[87] (WO2016/155531)
[30] US (62/140,995) 2015-03-31
[30] US (15/004,430) 2016-01-22

[21] **2,981,185**
[13] A1

[51] **Int.Cl. H04N 19/61 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF NON-SQUARE INTRA PREDICTION FOR CHROMA COMPONENTS IN CODING SYSTEM WITH QUAD-TREE AND BINARY-TREE PARTITION**
[54] **PROCEDE ET APPAREIL D'INTRA-PREDICTION NON CARREE POUR COMPOSANTES DE CHROMINANCE DANS UN SYSTEME DE CODAGE AVEC DIVISION ENTRE UN ARBRE QUATERNAIRE ET UN ARBRE BINAIRE**
[72] CHEN, YI-WEN, CN
[72] AN, JICHENG, CN
[72] LIN, JIAN-LIANG, CN
[72] HUANG, YU-WEN, CN
[71] MEDIATEK INC., CN
[85] 2017-09-28
[86] 2016-03-31 (PCT/CN2016/077961)
[87] (WO2016/155641)
[30] CN (PCT/CN2015/075672) 2015-04-01

[21] **2,981,187**
[13] A1

[51] **Int.Cl. B01J 3/08 (2006.01) B01J 19/26 (2006.01) C07C 2/00 (2006.01) C07C 11/22 (2006.01)**
[25] EN
[54] **PYROLYTIC REACTOR AND METHOD OF USING**
[54] **REACTEUR PYROLYTIQUE ET PROCEDE D'UTILISATION**
[72] GATTUPALLI, RAJESWAR R., US
[72] KUCHANA, VINAYENDER, US
[72] LEONARD, LAURA E., US
[72] KOLLATI, VIGNESWARA R., US
[72] SATTAR, AZIZ, US
[72] MOSTOFI-ASHTIANI, MOHAMMAD R., US
[72] SCHAFF, PETER, US
[71] UOP LLC, US
[85] 2017-09-27
[86] 2016-06-13 (PCT/US2016/037145)
[87] (WO2016/209648)
[30] US (62/183,310) 2015-06-23

[21] **2,981,188**
[13] A1

[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/045 (2006.01) A61K 31/15 (2006.01) C07C 245/00 (2006.01) C07C 245/02 (2006.01) C07C 245/04 (2006.01)**
[25] EN
[54] **AZOPHENOLS AS ERG ONCOGENE INHIBITORS**
[54] **AZOPHENOLS UTILISES EN TANT QU'INHIBITEURS DE L'ONCOGENE ERG**
[72] DOBI, ALBERT L., US
[72] DALGARD, CLIFTON, US
[72] SRIVASTAVA, SHIV, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2017-09-27
[86] 2016-09-09 (PCT/US2016/051098)
[87] (WO2017/044844)
[30] US (62/216,839) 2015-09-10

[21] **2,981,189**
[13] A1

[51] **Int.Cl. B41F 7/04 (2006.01) B41F 17/22 (2006.01) B41M 1/06 (2006.01) B41N 1/08 (2006.01) B41N 6/00 (2006.01) G03F 7/027 (2006.01) G03F 7/36 (2006.01)**
[25] EN
[54] **VARIABLE PRINTING PROCESS USING FLEXIBLE SECONDARY PLATES AND SPECIALTY INKS**
[54] **PROCEDE D'IMPRESSION VARIABLE UTILISANT DES PLAQUES SECONDAIRES FLEXIBLES ET DES ENCRE SPECIALES**
[72] CARRERAS, CHRIS, US
[72] HEDBERG, KELLIE M., US
[71] BALL CORPORATION, US
[85] 2017-09-27
[86] 2016-04-14 (PCT/US2016/027576)
[87] (WO2016/168488)
[30] US (14/686,517) 2015-04-14

PCT Applications Entering the National Phase

[21] **2,981,190**
[13] A1

[51] **Int.Cl. H04W 48/16 (2009.01)**
[25] EN
[54] **TERMINAL SIDE AND BASE STATION SIDE DEVICE, TERMINAL DEVICE, BASE STATION, AND WIRELESS COMMUNICATION METHOD**
[54] **DISPOSITIF DE COTE TERMINAL ET DE COTE STATION DE BASE, DISPOSITIF TERMINAL, STATION DE BASE, ET PROCEDE DE COMMUNICATION SANS FIL**
[72] WEI, YUXIN, CN
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-04-14 (PCT/CN2016/079241)
[87] (WO2016/165624)
[30] CN (201510184481.0) 2015-04-17

[21] **2,981,195**
[13] A1

[51] **Int.Cl. G09B 7/02 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR COGNITIVE ASSESSMENT AND TRAINING**
[54] **SYSTEME ET PROCEDE D'EVALUATION COGNITIVE ET D'ENTRAINEMENT**
[72] SOMERS, ANDREW, AU
[72] LETHLEAN, GRACE, AU
[72] KIRK, HANNAH, AU
[72] CORNISH, KIM, AU
[71] TALI HEALTH PTY LTD, AU
[71] MONASH UNIVERSITY, AU
[85] 2017-09-28
[86] 2015-03-31 (PCT/AU2015/050146)
[87] (WO2016/154658)

[21] **2,981,201**
[13] A1

[51] **Int.Cl. G01T 1/16 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR DETECTING RADIOACTIVE SOURCES**
[54] **PROCEDE ET SYSTEME DE DETECTION DE SOURCE DE RAYONNEMENT**
[72] ZHAO, KUN, CN
[72] WANG, QIANG, CN
[72] ZHANG, YANGTIAN, CN
[72] PENG, HUA, CN
[72] LI, YUANJING, CN
[71] NUCTECH COMPANY LIMITED, CN
[85] 2017-09-28
[86] 2016-06-17 (PCT/CN2016/086138)
[87] (WO2017/041563)
[30] CN (201510569821.1) 2015-09-09

[21] **2,981,191**
[13] A1

[51] **Int.Cl. A61K 38/22 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 37/00 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING PREGNANCY SPECIFIC GLYCOPROTEINS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS COMPRENANT DES GLYCOPROTEINES SPECIFIQUES DE GROSSESSE ET LEURS PROCEDES D'UTILISATION**
[72] DVEKSLER, GABRIELA, US
[72] MALECH, HARRY, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-09-27
[86] 2016-09-16 (PCT/US2016/052131)
[87] (WO2017/049082)
[30] US (62/219,900) 2015-09-17

[21] **2,981,197**
[13] A1

[51] **Int.Cl. H04B 7/06 (2006.01) H04B 7/04 (2017.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, AND DEVICE AND METHOD IN WIRELESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SANS FIL, ET DISPOSITIF ET PROCEDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] QIAN, CHEN, CN
[72] WANG, ZHAOCHENG, CN
[72] LIU, WENDONG, CN
[72] CHEN, JINHUI, CN
[71] SONY CORPORATION, JP
[85] 2017-09-28
[86] 2016-05-12 (PCT/CN2016/081848)
[87] (WO2016/184344)
[30] CN (201510250263.2) 2015-05-15

[21] **2,981,205**
[13] A1

[51] **Int.Cl. G01V 5/12 (2006.01)**
[25] EN
[54] **METHODS AND MEANS FOR CREATING THREE-DIMENSIONAL BOREHOLE IMAGE DATA**
[54] **PROCEDES ET MOYENS DE CREATION DE DONNEES D'IMAGE D'UN TROU DE FORAGE EN TROIS DIMENSIONS**
[72] SOFIENKO, ANDRII, NO
[72] PONCE, DAVID, NO
[72] VOLL, ADNE, NO
[72] TEAGUE, PHILIP, US
[71] VISURAY INTECH LTD., VG
[71] TEAGUE, PHILIP, US
[85] 2017-09-28
[86] 2014-10-01 (PCT/IB2014/064991)
[87] (WO2015/150883)
[30] US (14/231,368) 2014-03-31

Demandes PCT entrant en phase nationale

[21] **2,981,212**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 5/103 (2006.01) A61C 19/04 (2006.01) A61F 5/56 (2006.01) G01N 33/48 (2006.01) G01N 33/497 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PROVIDING AN AUTOMATED TITRATION FOR ORAL APPLIANCE THERAPY**

[54] **SYSTEMES ET PROCESSES DE FOURNITURE D'UN TITRAGE AUTOMATISE POUR UNE THERAPIE UTILISANT UN APPAREIL ORAL**

[72] REMMERS, JOHN, US

[72] ZAREIAN JAHROMI, SEYED ABDOLALI, CA

[72] GROSSE, JOSHUA, CA

[72] TOPOR, ZBIGNIEW LUDWIK, CA

[72] CATAFORD, PAUL, CA

[71] ZST HOLDINGS, INC., CA

[85] 2017-09-28

[86] 2016-03-31 (PCT/IB2016/051857)

[87] (WO2016/157129)

[30] US (62/140,637) 2015-03-31

[21] **2,981,213**
[13] A1

[51] **Int.Cl. C23C 28/00 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01)**

[25] EN

[54] **HEAT-ABSORBENT AND RADIANT STEEL SHEET, AND HEAT-ABSORBENT AND RADIANT MEMBER**

[54] **TOLE D'ACIER A ABSORPTION ET RAYONNEMENT DE CHALEUR, ET ELEMENT A ABSORPTION ET RAYONNEMENT DE CHALEUR**

[72] UENO, SHIN, JP

[72] NAKANO, TADASHI, JP

[72] YAMAMOTO, MASAYA, JP

[71] NISSHIN STEEL CO., LTD., JP

[85] 2017-09-28

[86] 2016-01-08 (PCT/JP2016/000072)

[87] (WO2016/157665)

[30] JP (2015-071372) 2015-03-31

[21] **2,981,216**
[13] A1

[51] **Int.Cl. H04W 68/12 (2009.01) H04W 88/04 (2009.01) H04W 92/18 (2009.01)**

[25] EN

[54] **TERMINAL DEVICE, WIRELESS COMMUNICATION DEVICE, WIRELESS COMMUNICATION METHOD, AND COMPUTER PROGRAM**

[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE COMMUNICATION SANS FIL, PROCEDE DE COMMUNICATION SANS FIL ET PROGRAMME D'ORDINATEUR**

[72] UCHIYAMA, HIROMASA, JP

[72] TAKANO, HIROAKI, JP

[72] YOSHIZAWA, ATSUSHI, JP

[71] SONY CORPORATION, JP

[85] 2017-09-28

[86] 2016-03-11 (PCT/JP2016/057818)

[87] (WO2016/163206)

[30] JP (2015-080357) 2015-04-09

[21] **2,981,220**
[13] A1

[51] **Int.Cl. F16F 1/06 (2006.01)**

[25] EN

[54] **COIL SPRING**

[54] **RESSORT HELICOIDAL**

[72] MATSUBARA, MASARU, JP

[72] KAJIGAYA, SUGURU, JP

[71] NHK SPRING CO., LTD., JP

[85] 2017-09-28

[86] 2016-03-16 (PCT/JP2016/058270)

[87] (WO2016/158405)

[30] JP (2015-072496) 2015-03-31

[21] **2,981,225**
[13] A1

[51] **Int.Cl. B66C 23/78 (2006.01)**

[25] EN

[54] **MODULAR, ADAPTABLE AND FOLDABLE APPARATUS FOR A CLIMBING CRANE**

[54] **APPAREIL MODULAIRE, ADAPTABLE ET PLIABLE POUR UNE GRUE HISSABLE**

[72] CARMEL, AVIV, IL

[71] SKY-LINE CRANES & TECHNOLOGIES LTD., IL

[85] 2017-09-28

[86] 2016-03-30 (PCT/IL2016/050335)

[87] (WO2016/157181)

[30] IL (238098) 2015-04-01

[30] US (62/141,872) 2015-04-02

[21] **2,981,226**
[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/14 (2006.01) B01D 53/26 (2006.01) F24F 3/14 (2006.01) F25B 39/00 (2006.01) F25B 39/02 (2006.01)**

[25] EN

[54] **DEVICE FOR THE EXTRACTION OF WATER FROM THE ENVIRONMENT**

[54] **DISPOSITIF DESTINE A EXTRAIRE DE L'EAU DE L'ENVIRONNEMENT**

[72] VELASCO VALCKE, FRANCISCO JAVIER, CO

[71] PANACEA QUANTUM LEAP TECHNOLOGY LLC, US

[85] 2017-09-28

[86] 2016-03-30 (PCT/CO2016/000002)

[87] (WO2016/155678)

[30] CO (15-072388) 2015-03-30

[21] **2,981,228**
[13] A1

[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/236 (2011.01) H04N 21/435 (2011.01) G06F 13/00 (2006.01)**

[25] EN

[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**

[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**

[72] YAMAGISHI, YASUAKI, JP

[71] SONY CORPORATION, JP

[85] 2017-09-28

[86] 2016-03-22 (PCT/JP2016/058933)

[87] (WO2016/174959)

[30] JP (2015-092627) 2015-04-30

PCT Applications Entering the National Phase

[21] **2,981,234**
[13] A1

[51] **Int.Cl. C12N 5/0797 (2010.01) A61K 35/30 (2015.01) A61L 27/00 (2006.01) C12N 5/10 (2006.01)**

[25] EN

[54] **CHELATED IRON-CONTAINING CULTURE MEDIUM FOR NEURAL STEM CELLS**

[54] **MILIEU DE CULTURE CONTENANT DU FER CHELATE POUR CELLULES SOUCHES NEURALES**

[72] MATSUMOTO, TAKUYA, JP
[72] SENDA, SHO, JP
[72] KOBAYASHI, TSUYOSHI, JP
[72] ARAKAWA, AKIHIRO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2017-09-28
[86] 2016-03-30 (PCT/JP2016/060552)
[87] (WO2016/159177)
[30] JP (2015-069978) 2015-03-30

[21] **2,981,235**
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/00 (2006.01) A61M 25/02 (2006.01)**

[25] EN

[54] **PATIENT INTERFACE**

[54] **INTERFACE PATIENT**

[72] JOHNSON, CHELSEA ERIN, NZ
[72] MILNE, ROBERT ANDREW DAVID, NZ
[72] RONAYNE, MICHAEL PAUL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-09-28
[86] 2016-03-30 (PCT/NZ2016/050050)
[87] (WO2016/159783)
[30] US (62/140,316) 2015-03-30
[30] US (62/159,915) 2015-05-11
[30] US (62/258,998) 2015-11-23

[21] **2,981,239**
[13] A1

[51] **Int.Cl. A23K 50/10 (2016.01) A23K 10/30 (2016.01) A23K 20/163 (2016.01) A23K 30/20 (2016.01)**

[25] EN

[54] **FEEDSTUFFS FOR RUMINANTS**

[54] **ALIMENTS POUR RUMINANTS**

[72] IIMORI, TAKESHI, JP
[72] KUROSU, KAZUHIRO, JP
[72] MINOHARA, TAISUKE, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2017-09-28
[86] 2016-03-31 (PCT/JP2016/060695)
[87] (WO2016/159250)
[30] JP (2015-074032) 2015-03-31

[21] **2,981,240**
[13] A1

[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**

[25] EN

[54] **PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**

[54] **PAQUET COMPRENANT UNE PILE DE MATERIAU DE PAPIER SANITAIRE ABSORBANT ET EMBALLAGE**

[72] WALLENIIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050721)
[87] (WO2016/209122)

[21] **2,981,245**
[13] A1

[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**

[25] EN

[54] **PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**

[54] **EMBALLAGE COMPRENANT UNE PILE DE MATERIAU DE PAPIER MINCE ABSORBANT ET UN EMBALLAGE**

[72] WALLENIIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050722)
[87] (WO2016/209123)

[21] **2,981,247**
[13] A1

[51] **Int.Cl. A47G 29/20 (2006.01) A47G 29/30 (2006.01) E05B 1/00 (2006.01) E05B 65/52 (2006.01) E05B 73/00 (2006.01) E05G 1/02 (2006.01)**

[25] EN

[54] **SECURE AND PORTABLE APPARATUS FOR ACCEPTING PARCELS AND DELIVERIES**

[54] **APPAREIL PORTABLE ET SECURISE POUR ACCEPTER DES COLIS ET DES LIVRAISONS**

[72] SUNDARESAN, KUMAR, US
[71] SUNDARESAN, KUMAR, US
[85] 2017-09-28
[86] 2015-04-09 (PCT/US2015/025194)
[87] (WO2015/160632)
[30] US (61/980,644) 2014-04-17

[21] **2,981,249**
[13] A1

[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR FORMING A PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**

[54] **PROCEDE ET APPAREIL DE FORMATION D'UN PAQUET COMPRENANT UNE PILE DE MATERIAU DE PAPIER SANITAIRE ABSORBANT ET EMBALLAGE**

[72] WALLENIIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050723)
[87] (WO2016/209124)

Demandes PCT entrant en phase nationale

[21] **2,981,254**
[13] A1

[51] **Int.Cl. B22D 11/04 (2006.01) B22D 11/16 (2006.01) G01K 1/14 (2006.01) G01K 11/32 (2006.01)**

[25] EN

[54] **MOLD FOR CONTINUOUS CASTING**

[54] **MOULE POUR COULEE CONTINUE**

[72] HONDA, TATSURO, JP

[72] YOSHIHIRO, NOZOMU, JP

[72] FUKUNAGA, SHINICHI, JP

[72] OKAWA, TAKESHI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2017-09-28

[86] 2016-04-08 (PCT/JP2016/061606)

[87] (WO2016/163536)

[30] JP (2015-079244) 2015-04-08

[21] **2,981,270**
[13] A1

[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/236 (2011.01) H04N 21/436 (2011.01) G06F 13/00 (2006.01)**

[25] EN

[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**

[54] **APPAREIL DE RECEPTION, APPAREIL DE TRANSMISSION ET METHODE DE TRAITEMENT DES DONNEES**

[72] YAMAGISHI, YASUAKI, JP

[71] SONY CORPORATION, JP

[85] 2017-09-28

[86] 2016-03-22 (PCT/JP2016/058934)

[87] (WO2016/174960)

[30] JP (2015-092628) 2015-04-30

[21] **2,981,277**
[13] A1

[51] **Int.Cl. C12N 5/0797 (2010.01)**

[25] EN

[54] **HUMAN SERUM ALBUMIN-CONTAINING CULTURE MEDIUM FOR GROWTH OF NEURAL STEM CELLS**

[54] **MILIEU DE CULTURE CONTENANT UNE SERUM-ALBUMINE HUMAINE POUR LA CROISSANCE DE CELLULES SOUCHES NEURALES**

[72] MATSUMOTO, TAKUYA, JP

[72] SENDA, SHO, JP

[72] KOBAYASHI, TSUYOSHI, JP

[71] AJINOMOTO CO., INC., JP

[85] 2017-09-28

[86] 2016-03-30 (PCT/JP2016/060554)

[87] (WO2016/159179)

[30] JP (2015-069979) 2015-03-30

[21] **2,981,263**
[13] A1

[51] **Int.Cl. G02B 1/116 (2015.01) G02C 7/02 (2006.01)**

[25] EN

[54] **SPECTACLE LENS, METHOD OF MANUFACTURING THE SAME, AND SPECTACLES**

[54] **VERRE DE LUNETTES ET SON PROCEDE DE FABRICATION, ET LUNETTES**

[72] NISHIMOTO, KEIJI, JP

[71] HOYA LENS THAILAND LTD., TH

[85] 2017-09-28

[86] 2016-03-31 (PCT/JP2016/060704)

[87] (WO2016/159252)

[30] JP (2015-073844) 2015-03-31

[21] **2,981,271**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/00 (2012.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR FACILITATING STATELESS REPRESENTATION OF INTERACTION FLOW STATES**

[54] **PROCEDE ET APPAREIL POUR FACILITER UNE REPRESENTATION SANS ETAT D'ETATS DE FLUX D'INTERACTION**

[72] BODELL, MICHAEL, US

[72] OSHRY, MATTHEW, US

[72] DEVARAPALLI, RAVALI, US

[71] 24/7 CUSTOMER, INC., US

[85] 2017-09-28

[86] 2016-03-30 (PCT/US2016/024995)

[87] (WO2016/160978)

[30] US (62/139,939) 2015-03-30

[30] US (15/083,240) 2016-03-28

[21] **2,981,279**
[13] A1

[51] **Int.Cl. C11D 3/39 (2006.01) C11D 3/16 (2006.01) C11D 3/20 (2006.01)**

[25] EN

[54] **ENHANCED PEROXYGEN STABILITY USING ANIONIC SURFACTANT IN TAED-CONTAINING PEROXYGEN SOLID**

[54] **AMELIORATION DE LA STABILITE DU PEROXYGENE A L'AIDE D'UN SURFACTANT ANIONIQUE DANS DES COMPOSES PEROXYGENES SOLIDES CONTENANT DU TAED**

[72] DOTZAUER, DAVID, US

[72] MOHS, THOMAS R., US

[72] KUTZ, KRISTA, US

[72] HAMMEL, DEVON BEAU, US

[71] ECOLAB USA INC., US

[85] 2017-09-28

[86] 2016-04-01 (PCT/US2016/025501)

[87] (WO2016/161253)

[30] US (14/678,081) 2015-04-03

[21] **2,981,268**
[13] A1

[51] **Int.Cl. G06Q 40/06 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR RETIREMENT PLANNING**

[54] **SYSTEMES ET PROCEDES DE PLANIFICATION D'ENCAISSEMENT**

[72] WAKEMAN, LAWRENCE KENDRICK, US

[72] TASHMAN, ADAM, US

[72] YAN, FUQIN, US

[71] FINMASON, INC., US

[85] 2017-09-28

[86] 2016-03-21 (PCT/US2016/023377)

[87] (WO2016/164160)

[30] US (62/145,189) 2015-04-09

PCT Applications Entering the National Phase

[21] **2,981,284**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) H04L 12/14 (2006.01) H04L 12/18 (2006.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01) H04L 12/58 (2006.01) H04L 12/64 (2006.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01) H04L 29/12 (2006.01) H04M 7/00 (2006.01) H04M 11/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR OFFLINE SURVIVABILITY**

[54] **SYSTEME ET PROCEDE POUR LA PERENNITE HORS LIGNE**

[72] NEIDERMYER, RICHARD M., US

[72] KING, KEVIN ELLIOTT, US

[72] WYSS, FELIX IMMANUEL, US

[71] INTERACTIVE INTELLIGENCE GROUP, INC., US

[85] 2017-09-28

[86] 2015-03-31 (PCT/US2015/023527)

[87] (WO2016/159972)

[21] **2,981,288**
[13] A1

[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 31/10 (2006.01) C07H 17/08 (2006.01)**

[25] EN

[54] **AMPHOTERICIN B DERIVATIVE WITH REDUCED TOXICITY**

[54] **DERIVE D'AMPHOTERICINE B A TOXICITE REDUITE**

[72] BURKE, MARTIN D., US

[72] UNO, BRICE E., US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2017-09-28

[86] 2015-05-15 (PCT/US2015/030965)

[87] (WO2015/175875)

[30] US (61/994,450) 2014-05-16

[30] US (62/045,907) 2014-09-04

[21] **2,981,290**
[13] A1

[51] **Int.Cl. E02B 7/08 (2006.01) E04B 1/92 (2006.01) E04H 9/14 (2006.01)**

[25] EN

[54] **EXTENDIBLE FLEXIBLE FLOOD BARRIER**

[54] **BARRIERE ANTI-INONDATION FLEXIBLE ET EXTENSIBLE**

[72] CADOGAN, DAVI PHILLIP, US

[72] HINKLE, JONATHAN MICHAEL, US

[72] ROUSHEY, LEWIS JEFFREY, US

[71] ILC DOVER LP, US

[85] 2017-09-28

[86] 2015-06-04 (PCT/US2015/034157)

[87] (WO2016/160044)

[30] US (14/675,286) 2015-03-31

[21] **2,981,298**
[13] A1

[51] **Int.Cl. G01M 3/28 (2006.01) F16K 37/00 (2006.01) F17D 3/18 (2006.01) G01F 1/34 (2006.01) G08B 21/18 (2006.01)**

[25] EN

[54] **AUTONOMOUS IDENTIFICATION OF AN ANOMALOUS AQUEOUS STREAM FROM AN AQUEOUS SOURCE FEEDING MULTIPLE INDEPENDENT STREAMS AND REMEDIATION DIRECTIVE DETERMINATION THEREOF**

[54] **IDENTIFICATION AUTONOME D'UN COURANT AQUEUX ANORMAL PROVENANT D'UNE SOURCE AQUEUSE ALIMENTANT PLUSIEURS COURANTS INDEPENDANTS ET DETERMINATION DE DIRECTIVE DE REMEDIATION ASSOCIEE**

[72] LARACH, MARIO, US

[71] HYDROSMART TECHNOLOGIES, INC., US

[85] 2017-09-28

[86] 2016-04-01 (PCT/US2016/025754)

[87] (WO2016/161389)

[30] US (62/142,612) 2015-04-03

[21] **2,981,301**
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/138 (2006.01) A61K 31/59 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS OF TREATMENT OF BREAST DISORDERS AND ESTROGEN-RELATED DISORDERS**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES DU SEIN ET DE TROUBLES LIES AUX STROGENES**

[72] QUAY, STEVEN C., US

[71] ATOSSA GENETICS INC., US

[85] 2017-09-28

[86] 2016-04-06 (PCT/US2016/026170)

[87] (WO2016/168021)

[30] US (62/147,536) 2015-04-14

[21] **2,981,304**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/0783 (2010.01) C12N 9/90 (2006.01)**

[25] EN

[54] **TNFRSF14/HVEM PROTEINS AND METHODS OF USE THEREOF**

[54] **PROTEINES DE TNFRSF14/HVEM ET LEURS PROCEDES D'UTILISATION**

[72] BOICE, MICHAEL HENRY, US

[72] WENDEL, HANS GUIDO, US

[72] SALLOUM, DARIN, US

[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US

[85] 2017-09-28

[86] 2016-04-04 (PCT/US2016/025840)

[87] (WO2016/161415)

[30] US (62/142,450) 2015-04-02

[30] US (62/303,980) 2016-03-04

Demandes PCT entrant en phase nationale

[21] **2,981,305**
[13] A1

[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/06 (2006.01) A61B 8/08 (2006.01) A61B 8/14 (2006.01) B06B 1/02 (2006.01) G01F 1/66 (2006.01) G01S 15/89 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CODED EXCITATION IMAGING BY IMPULSE RESPONSE ESTIMATION AND RETROSPECTIVE ACQUISITION**

[54] **PROCEDE ET SYSTEME D'IMAGERIE D'EXCITATION CODEE PAR L'ESTIMATION DE LA REPOSE DE L'IMPULSION ET L'ACQUISITION RETROSPECTIVE**

[72] FLYNN, JOHN A., US
[72] PFLUGRATH, LAUREN S., US
[71] VERASONICS, INC., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/025050)
[87] (WO2016/161009)
[30] US (62/141,749) 2015-04-01

[21] **2,981,310**
[13] A1

[51] **Int.Cl. A23K 20/189 (2016.01) C12N 9/28 (2006.01) C12N 15/09 (2006.01) C12N 15/31 (2006.01) C12N 15/56 (2006.01) C12P 19/14 (2006.01)**

[25] EN

[54] **ANIMAL FEED COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS D'ALIMENT POUR ANIMAUX ET PROCEDES D'UTILISATION**

[72] WITHERSPOON, DAVID, US
[72] IRAGAVARAPU, TAMMIRAJ KUMAR, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-09-28
[86] 2016-04-08 (PCT/US2016/026656)
[87] (WO2016/164732)
[30] US (62/145,587) 2015-04-10

[21] **2,981,318**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) C07D 487/00 (2006.01) C07D 487/22 (2006.01)**

[25] EN

[54] **SERUM-STABLE COMPOSITIONS AND METHODS FOR LIGHT-TRIGGERED RELEASE OF MATERIALS**

[54] **COMPOSITIONS STABLES DANS LE SERUM ET PROCEDES DE LIBERATION DE MATIERES DECLENCHEE PAR LA LUMIERE**

[72] LOVELL, JONATHAN F., CA
[72] LUO, DANDAN, US
[72] CARTER, KEVIN, US
[72] SHAO, SHUAI, US
[72] GENG, JUMIN, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-09-28
[86] 2016-04-04 (PCT/US2016/025882)
[87] (WO2016/161428)
[30] US (62/142,105) 2015-04-02

[21] **2,981,321**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/40 (2006.01)**

[25] EN

[54] **HUMANIZED ANTI-C1S ANTIBODIES AND METHODS OF USE THEREOF**

[54] **ANTICORPS ANTI-C1S HUMANISES ET LEURS PROCEDES D'UTILISATION**

[72] PANICKER, SANDIP, US
[72] PARRY, GRAHAM, US
[71] TRUE NORTH THERAPEUTICS, INC., US
[85] 2017-09-28
[86] 2016-04-05 (PCT/US2016/026038)
[87] (WO2016/164358)
[30] US (62/143,636) 2015-04-06
[30] US (62/200,997) 2015-08-04

[21] **2,981,324**
[13] A1

[51] **Int.Cl. B05B 3/06 (2006.01) E21B 10/61 (2006.01)**

[25] EN

[54] **DRILL BIT WITH SELF-DIRECTING NOZZLE AND METHOD OF USING SAME**

[54] **TREPAN AYANT UNE BUSE A AUTO-ORIENTATION ET SON PROCEDE D'UTILISATION**

[72] GHAZIANI, NAVID OMIDVAR, US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/025084)
[87] (WO2016/161028)
[30] US (62/141,811) 2015-04-01

[21] **2,981,329**
[13] A1

[51] **Int.Cl. C22C 21/06 (2006.01) C22C 21/08 (2006.01) C22C 21/14 (2006.01) C22C 21/16 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01) C22F 1/05 (2006.01) C22F 1/057 (2006.01)**

[25] EN

[54] **HIGH-STRENGTH 6XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME**

[54] **ALLIAGES D'ALUMINIUM 6XXX HAUTE RESISTANCE ET LEURS PROCEDES DE FABRICATION**

[72] LEYVRAZ, DAVID, CH
[72] DESPOIS, AUDE, CH
[72] WEN, WEI, US
[72] AHMED, HANY, US
[72] KAMAT, RAJEEV G., US
[72] BASSI, CORRADO, CH
[72] FLOREY, GUILLAUME, CH
[72] BEZENCON, CYRILLE, CH
[72] TIMM, JUERGEN, DE
[71] NOVELIS INC., US
[85] 2017-09-28
[86] 2016-12-16 (PCT/US2016/067194)
[87] (WO2017/106654)
[30] US (62/269,385) 2015-12-18

PCT Applications Entering the National Phase

[21] **2,981,330**
[13] A1

[51] **Int.Cl. A61B 17/132 (2006.01) A44B 11/18 (2006.01)**
[25] EN
[54] **TOURNIQUET**
[54] **TOURNIQUET**
[72] GOOLSBY, CRAIG, US
[72] CHEN, ELIZABETH P., US
[72] WEISSBROD, ELIZABETH N., US
[72] BRANTING, ANDREW J., US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2017-09-28
[86] 2016-04-22 (PCT/US2016/029004)
[87] (WO2016/172599)
[30] US (62/152,174) 2015-04-24

[21] **2,981,335**
[13] A1

[51] **Int.Cl. E21B 25/16 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO DOWNHOLE SURVEYING AND CORE SAMPLE ORIENTATION SYSTEMS, DEVICES AND METHODS**
[54] **AMELIORATIONS DE PROSPECTION DE FOND DE TROU ET SYSTEMES, DISPOSITIFS ET PROCEDES D'ORIENTATION DE CAROTTE**
[72] HEJLEH, KHALED MUFID YOUSEF, AU
[71] GLOBALTECH CORPORATION PTY LTD, AU
[85] 2017-09-29
[86] 2016-03-31 (PCT/AU2016/050241)
[87] (WO2016/154677)
[30] AU (2015901176) 2015-03-31

[21] **2,981,336**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **PROTOXIN-II VARIANTS AND METHODS OF USE**
[54] **VARIANTS DE PROTOXINE II ET LEURS METHODES D'UTILISATION**
[72] FLINSPACH, MACK, US
[72] WICKENDEN, ALAN, US
[72] FELLOWS, ROSS, US
[72] XU, QINGHAO, US
[72] PIEKARZ, ANDREW, US
[71] JANSSEN BIOTECH, INC., US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025247)
[87] (WO2016/161100)
[30] US (62/142,069) 2015-04-02

[21] **2,981,338**
[13] A1

[51] **Int.Cl. G09B 9/00 (2006.01) G06F 19/00 (2011.01) G09B 9/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CUSTOMIZING A RECORDED REAL TIME SIMULATION BASED ON SIMULATION METADATA**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PERSONNALISER UNE SIMULATION EN TEMPS REEL ENREGISTREE, SUR LA BASE DE METADONNEES DE SIMULATION**
[72] JACQUES, FRANCIS, CA
[72] MOUTON, SEBASTIEN, CA
[72] KHAN, MOHAMMED, CA
[71] CAE INC., CA
[85] 2017-09-29
[86] 2015-04-02 (PCT/CA2015/000221)
[87] (WO2016/154721)
[30] US (14/672,588) 2015-03-30

[21] **2,981,341**
[13] A1

[51] **Int.Cl. A61L 2/07 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **STERILIZING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE STERILISATION**
[72] TURBETT, ROBERT E., US
[71] TURBETT SURGICAL LLC, US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025262)
[87] (WO2016/161112)
[30] US (14/675,048) 2015-03-31

[21] **2,981,343**
[13] A1

[51] **Int.Cl. G03F 7/20 (2006.01) G02B 5/18 (2006.01) G02B 6/34 (2006.01)**
[25] EN
[54] **WRITING OF HIGH MECHANICAL STRENGTH FIBER BRAGG GRATINGS USING ULTRAFAST PULSES AND A PHASE MASK**
[54] **ECRITURE DE RESEAUX DE BRAGG SUR FIBRE A GRANDE RESISTANCE MECANIQUE A L'AIDE D'IMPULSIONS ULTRA-RAPIDES ET D'UN MASQUE DE PHASE**
[72] BERNIER, MARTIN, CA
[72] VALLEE, REAL, CA
[72] TREPANIER, FRANCOIS, CA
[72] CARRIER, JULIEN, CA
[71] UNIVERSITE LAVAL, CA
[85] 2017-09-29
[86] 2015-04-02 (PCT/CA2015/050271)
[87] (WO2015/154177)
[30] US (61/974,673) 2014-04-03

[21] **2,981,347**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR DETECTION OF OVARIAN CANCER**
[54] **BIOMARQUEURS POUR LA DETECTION DU CANCER DE L'OVAIRE**
[72] HENDERSON, MEREDITH C., US
[72] MULPURI, RAO, US
[72] REESE, DAVID E., US
[71] PROVISTA DIAGNOSTICS, INC., US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025287)
[87] (WO2016/161126)
[30] US (62/142,316) 2015-04-02

Demandes PCT entrant en phase nationale

[21] **2,981,348**
[13] A1

[51] **Int.Cl. G02B 21/36 (2006.01) G02B 21/26 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION PATHOLOGY SCANNER WITH IMPROVED SIGNAL TO NOISE RATIO**
[54] **SCANNER DE PATHOLOGIE A HAUTE RESOLUTION A RAPPORT SIGNAL SUR BRUIT AMELIORE**
[72] DIXON, ARTHUR E., CA
[71] HURON TECHNOLOGIES INTERNATIONAL INC., CA
[85] 2017-09-29
[86] 2016-04-04 (PCT/CA2016/000100)
[87] (WO2016/154729)
[30] US (62/142,335) 2015-04-02

[21] **2,981,349**
[13] A1

[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/145 (2006.01) A61B 5/16 (2006.01) A61B 6/00 (2006.01) G06E 1/00 (2006.01) G06F 15/18 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **COVARIATE MODULATE ATLAS**
[54] **ATLAS DE MODULATION DE LA COVARIANCE**
[72] MAGDA, SEBASTIAN, US
[72] AIRRIESS, CHRISTOPHER N., US
[72] WHITE, NATHAN S., US
[71] CORTECHS LABS, INC., US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025406)
[87] (WO2016/161195)
[30] US (62/140,903) 2015-03-31

[21] **2,981,350**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) A61B 34/10 (2016.01) G09B 9/00 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI**
[72] CARON, FRANCOIS, CA
[71] CAE INC., CA
[85] 2017-09-29
[86] 2016-03-29 (PCT/CA2016/050357)
[87] (WO2016/154743)
[30] US (14/673,044) 2015-03-30

[21] **2,981,352**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) A61B 34/10 (2016.01) G09B 9/00 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI POUR L'INSERTION D'UN DISPOSITIF MEDICAL DANS UN SIMULATEUR DE CAVITE CORPORELLE**
[72] CARON, FRANCOIS, CA
[71] CAE INC., CA
[85] 2017-09-29
[86] 2016-03-29 (PCT/CA2016/050359)
[87] (WO2016/154745)
[30] US (14/673,352) 2015-03-30

[21] **2,981,353**
[13] A1

[51] **Int.Cl. G01J 3/36 (2006.01) G02B 13/22 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL WIDE FIELD IMAGING SYSTEM AND OPTICAL SYSTEM FOR USE THEREIN**
[54] **SYSTEME D'IMAGERIE GRAND CHAMP A CANAUX MULTIPLES ET SYSTEME OPTIQUE DESTINE A ETRE UTILISE A L'INTERIEUR DE CE DERNIER**
[72] MOORE, FREDERICK ALLEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2017-09-29
[86] 2016-03-29 (PCT/CA2016/050365)
[87] (WO2016/154750)
[30] US (62/140,045) 2015-03-30

[21] **2,981,354**
[13] A1

[51] **Int.Cl. G01F 22/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATIC DETERMINATION OF LIQUID VOLUME**
[54] **SYSTEME PERMETTANT UNE DETERMINATION AUTOMATIQUE D'UN VOLUME DE LIQUIDE**
[72] SIMON, STEVE N. G., CA
[71] SIMON, STEVE N. G., CA
[85] 2017-09-29
[86] 2016-03-31 (PCT/CA2016/050376)
[87] (WO2016/154758)
[30] US (62/141,658) 2015-04-01

[21] **2,981,355**
[13] A1

[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF WAVEFORM DESIGN FOR OPERATION BANDWIDTH EXTENSION**
[54] **SYSTEME ET PROCEDE DE CONCEPTION DE FORME D'ONDE POUR EXTENSION DE LARGEUR DE BANDE DE FONCTIONNEMENT**
[72] MA, JIANGLEI, CA
[72] JIA, MING, CA
[72] ZHANG, LIQING, CA
[72] AU, KELVIN KAR KIN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-29
[86] 2016-03-21 (PCT/CN2016/076895)
[87] (WO2016/155530)
[30] US (62/141,051) 2015-03-31
[30] US (14/932,857) 2015-11-04

[21] **2,981,359**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/409 (2006.01) A61K 38/41 (2006.01) C07F 15/06 (2006.01) C07K 14/795 (2006.01)**
[25] EN
[54] **NANOSTRUCTURES COMPRISING COBALT PORPHYRIN-PHOSPHOLIPID CONJUGATES AND POLYHISTIDINE-TAGS**
[54] **NANOSTRUCTURES COMPRENANT DES CONJUGUES PORPHYRINE DE COBALT-PHOSPHOLIPIDE ET DES ETIQUETTES POLYHISTIDINE**
[72] LOVELL, JONATHAN, CA
[72] SHAO, SHUAI, US
[72] GENG, JUMIN, US
[72] HUANG, WEI-CHIAO, US
[72] LEE, SHWU-MAAN, US
[72] KING, CHARLES RICHTER, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-09-28
[86] 2016-04-18 (PCT/US2016/028102)
[87] (WO2016/168817)
[30] US (62/148,292) 2015-04-16

PCT Applications Entering the National Phase

[21] **2,981,361**
[13] A1

[51] **Int.Cl. A23J 3/14 (2006.01) A23J 3/34 (2006.01)**

[25] EN

[54] **LEGUME-BASED DAIRY SUBSTITUTE AND CONSUMABLE FOOD PRODUCTS INCORPORATING SAME**

[54] **SUBSTITUT DE PRODUIT LAITIER A BASE DE LEGUMINEUSES ET PRODUITS ALIMENTAIRES CONSOMMABLES INCORPORANT CE SUBSTITUT**

[72] GUGGER, ERIC T., US
[72] GALUSKA, PETER, US
[72] TREMAINE, ANDREA, US
[71] GENERAL MILLS, INC., US
[85] 2017-09-28
[86] 2016-04-22 (PCT/US2016/028970)
[87] (WO2016/172570)
[30] US (62/152,305) 2015-04-24
[30] US (62/248,930) 2015-10-30

[21] **2,981,364**
[13] A1

[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/30 (2006.01) B05B 1/32 (2006.01) B05B 11/00 (2006.01)**

[25] EN

[54] **SPRAY HEAD AND SPRAYING APPARATUS**

[54] **TETE DE PULVERISATION ET APPAREIL DE PULVERISATION**

[72] RENNER, THOMAS, DE
[71] HUSQVARNA AB, SE
[85] 2017-09-29
[86] 2015-04-09 (PCT/EP2015/057713)
[87] (WO2016/162064)

[21] **2,981,371**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/44 (2006.01) C07D 498/02 (2006.01)**

[25] EN

[54] **ANTI-ALPHAVBETA1 INTEGRIN INHIBITORS AND METHODS OF USE**

[54] **INHIBITEURS ANTI-INTEGRINE ALPHAVBETA1 ET METHODES D'UTILISATION ASSOCIEES**

[72] DEGRADO, WILLIAM F., US
[72] SHEPPARD, DEAN, US
[72] JO, HYUNIL, US
[72] REED, NILGUN ISIK, US
[72] TANG, YOUZHI, CN
[72] MCINTOSH, JOEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-09-28
[86] 2016-03-10 (PCT/US2016/021879)
[87] (WO2016/145258)
[30] US (62/131,166) 2015-03-10
[30] US (62/131,735) 2015-03-11

[21] **2,981,376**
[13] A1

[51] **Int.Cl. H04W 16/28 (2009.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TRACKING CHANNEL**

[54] **SYSTEME ET PROCEDE DE POURSUITE DE CANAL**

[72] BALIGH, MOHAMMADHADI, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-29
[86] 2016-03-31 (PCT/CN2016/078103)
[87] (WO2016/155649)
[30] US (62/141,483) 2015-04-01
[30] US (62/213,444) 2015-09-02
[30] US (15/009,626) 2016-01-28

[21] **2,981,407**
[13] A1

[51] **Int.Cl. G01R 31/34 (2006.01) G01R 15/18 (2006.01) G01R 31/06 (2006.01) G01R 31/12 (2006.01) G01R 31/42 (2006.01)**

[25] EN

[54] **CONDITION MONITORING METHOD AND APPARATUS FOR HIGH-VOLTAGE AC ELECTRICAL SYSTEMS**

[54] **PROCEDE ET APPAREIL DE CONTROLE D'ETAT POUR SYSTEMES ELECTRIQUES A CA HAUTE-TENSION**

[72] GIUSSANI, RICCARDO, GB
[72] JOURES, STEVE, GB
[72] POLLEY, ALEX, GB
[72] RENFORTH, LEE, GB
[72] SELTZER-GRANT, MALCOLM, GB
[71] HIGH VOLTAGE PARTIAL DISCHARGE LIMITED, GB
[85] 2017-09-29
[86] 2016-04-01 (PCT/GB2016/050942)
[87] (WO2016/156876)
[30] GB (1505682.3) 2015-04-01
[30] GB (1521555.1) 2015-12-07

[21] **2,981,417**
[13] A1

[51] **Int.Cl. A47B 25/00 (2006.01)**

[25] EN

[54] **GAMING TABLE SURFACE**

[54] **SURFACE DE TABLE DE JEU**

[72] GADDIES, LEE, US
[72] HOWES, SUSAN, US
[71] HERO BY DESIGN LLC, US
[85] 2017-09-29
[86] 2016-05-18 (PCT/IB2016/052917)
[87] (WO2016/157163)
[30] US (62/142,536) 2015-04-03

Demandes PCT entrant en phase nationale

[21] **2,981,418**
[13] A1

[51] **Int.Cl. B21D 3/05 (2006.01) B23K 26/21 (2014.01) B23K 31/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR MANUFACTURING WELDED SHAPED STEEL**

[54] **APPAREIL DE FABRICATION D'ACIER A SECTIONS SOUDEES ET PROCEDE DE FABRICATION D'ACIER A SECTIONS SOUDEES**

[72] ASADA, HIROSHI, JP
[72] SAKURADA, YASUHIRO, JP
[72] IENARI, TOORU, JP
[71] NISSHIN STEEL CO.,LTD., JP
[85] 2017-09-29
[86] 2016-03-28 (PCT/JP2016/059964)
[87] (WO2016/158874)
[30] JP (2015-071855) 2015-03-31

[21] **2,981,419**
[13] A1

[51] **Int.Cl. C07D 235/26 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) A61P 25/02 (2006.01) A61P 27/02 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 235/28 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 471/04 (2006.01) C07D 493/04 (2006.01)**

[25] EN

[54] **9-MEMBERED FUSED RING DERIVATIVE**

[54] **DERIVE A CYCLE CONDENSE A 9 CHAINONS**

[72] OHYABU, NAOKI, JP
[72] KURAHASHI, KANA, JP
[72] NISHIURA, YUJI, JP
[72] KATOU, MANABU, JP
[72] MIYAZAKI, KEISUKE, JP
[72] SASAKI, YOSHIKAZU, JP
[72] WADA, TOSHIHIRO, JP
[72] IWATSU, MASAFUMI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-09-29
[86] 2016-03-30 (PCT/JP2016/060395)
[87] (WO2016/159082)
[30] JP (2015-068500) 2015-03-30

[21] **2,981,420**
[13] A1

[51] **Int.Cl. A61F 2/04 (2013.01) A61N 1/40 (2006.01)**

[25] EN

[54] **COIL DEVICE FOR USE IN TRANSCRANIAL MAGNETIC STIMULATION DEVICE**

[54] **DISPOSITIF DE BOBINE DESTINE A ETRE UTILISE DANS UN DISPOSITIF DE STIMULATION MAGNETIQUE TRANSCRANIENNE**

[72] SAITOH, YOUICHI, JP
[72] SEKINO, MASAKI, JP
[72] YAMAMOTO, KEITA, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-09-29
[86] 2016-03-30 (PCT/JP2016/060492)
[87] (WO2016/159139)
[30] US (62/142380) 2015-04-02
[30] US (62/154295) 2015-04-29

[21] **2,981,422**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/00 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) C07K 14/47 (2006.01) C07K 14/74 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **IMMUNIZING PEPTIDE, METHOD FOR PRODUCING IMMUNIZING PEPTIDE, PHARMACEUTICAL COMPOSITION FOR IMMUNE DISORDERS CONTAINING SAME, AND METHOD FOR TREATING IMMUNE DISORDERS**

[54] **PEPTIDE IMMUNISANT, PROCEDE DE FABRICATION DU PEPTIDE IMMUNISANT, COMPOSITION PHARMACEUTIQUE CONTENANT CELUI-CI ET CIBLANT LES TROUBLES DE L'IMMUNITE, ET METHODE DE TRAITEMENT DE TROUBLES DE L'IMMUNITE**

[72] ARASE, HISASHI, JP
[72] KISHIDA, KAZUKI, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-09-29
[86] 2016-03-30 (PCT/JP2016/060556)
[87] (WO2016/159181)
[30] JP (2015-068043) 2015-03-30

[21] **2,981,424**
[13] A1

[51] **Int.Cl. A61N 2/02 (2006.01) A61N 1/40 (2006.01) A61N 2/04 (2006.01)**

[25] EN

[54] **COIL DEVICE FOR USE IN TRANSCRANIAL MAGNETIC STIMULATION DEVICE**

[54] **DISPOSITIF DE BOBINE DESTINE A UTILISE DANS UN DISPOSITIF DE STIMULATION MAGNETIQUE TRANSCRANIENNE**

[72] SAITOH, YOUICHI, JP
[72] SEKINO, MASAKI, JP
[72] MIYAWAKI, YU, JP
[72] YAMAMOTO, KEITA, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-09-29
[86] 2016-04-01 (PCT/JP2016/060965)
[87] (WO2016/159371)
[30] US (62/142610) 2015-04-03
[30] US (62/166860) 2015-05-27
[30] US (62/259768) 2015-11-25

[21] **2,981,434**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR GUIDED PORT INSERTION TO MINIMIZE TRAUMA**

[54] **SYSTEME ET PROCEDE D'INTRODUCTION DE CATHETER A CHAMBRE IMPLANTABLE GUIDEE POUR REDUIRE AU MINIMUM LES TRAUMATISMES**

[72] PIRON, CAMERON ANTHONY, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] RICHMOND, JOSHUA, CA
[72] MCFADYEN, STEPHEN, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-09-29
[86] 2015-03-12 (PCT/IB2015/051783)
[87] (WO2016/142749)

PCT Applications Entering the National Phase

[21] **2,981,437**
[13] A1

[51] **Int.Cl. A23L 33/115 (2016.01) A23L 33/10 (2016.01) A61K 31/20 (2006.01) A61K 36/02 (2006.01) A61K 36/03 (2006.01) A61P 21/00 (2006.01) C11B 1/10 (2006.01) C12N 1/12 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **MACROALGAE COMPOSITIONS, PROCESSES FOR PREPARATION THEREOF, AND USES IN SPORTS NUTRITION**

[54] **COMPOSITIONS DE MACROALGUES, DES PROCEDES POUR LES PREPARER ET UTILISATIONS EN NUTRITION POUR SPORTIFS**

[72] DESHPANDE, JAYANT, CA
[72] GHANAM, KHADIJA, CA
[72] SRIVASTAVA, VANDITA, IN
[71] OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED, CA

[85] 2017-09-29
[86] 2016-03-31 (PCT/IB2016/051858)
[87] (WO2016/157130)
[30] IN (1313/MUM/2015) 2015-03-31

[21] **2,981,438**
[13] A1

[51] **Int.Cl. A61K 36/02 (2006.01) A61K 31/20 (2006.01) A61P 15/00 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **METHODS FOR IMPROVEMENT IN SEXUAL HEALTH AND THE COMPOSITIONS USED THEREIN**

[54] **METHODES POUR AMELIORER LA SANTE SEXUELLE ET COMPOSITIONS UTILISEES DANS CELLES-CI**

[72] DESHPANDE, JAYANT, CA
[72] GHANAM, KHADIJA, CA
[72] SRIVASTAVA, VANDITA, IN
[71] OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED, CA

[85] 2017-09-29
[86] 2016-03-31 (PCT/IB2016/051859)
[87] (WO2016/157131)
[30] IN (1313/MUM/2015) 2015-03-31

[21] **2,981,443**
[13] A1

[51] **Int.Cl. G07C 5/08 (2006.01) B60R 16/023 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **VEHICLE EVENT RECORDING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT D'EVENEMENT DE VEHICULE**

[72] PALMER, JASON, US
[72] SLJIVAR, SLAVEN, US
[72] DENINGER, DANIEL A., US
[72] VAIDYA, ALEKH, US
[72] GRISWOLD, JEFFREY, US
[72] FREITAS, MARK, US
[71] SMARTDRIVE SYSTEMS, INC., US

[85] 2017-09-29
[86] 2016-04-01 (PCT/IB2016/051863)
[87] (WO2016/157134)
[30] US (14/676,622) 2015-04-01

[21] **2,981,448**
[13] A1

[51] **Int.Cl. E21B 33/00 (2006.01) E21B 33/06 (2006.01) E21B 47/00 (2012.01) E21B 47/06 (2012.01) E21B 47/10 (2012.01)**

[25] EN

[54] **HYDROSTATIC AND VIBRATION TEST SYSTEM FOR A BLOWOUT PREVENTIVE**

[54] **SYSTEME HYDROSTATIQUE DE MISE A L'ESSAI DES VIBRATIONS DESTINE A LA PREVENTION DES ERUPTIONS**

[72] HILPERT, CLIFFORD L., US
[72] HILPERT, JEFFREY L., US
[71] ENGIP LLC, US

[85] 2017-09-29
[86] 2016-03-31 (PCT/US2016/025315)
[87] (WO2016/161143)
[30] US (62/140,795) 2015-03-31
[30] US (14/932,727) 2015-11-04

[21] **2,981,451**
[13] A1

[51] **Int.Cl. B65D 41/42 (2006.01)**

[25] EN

[54] **BOTTLE CROWN WITH OPENER ASSEMBLY**

[54] **CAPSULE DE BOUTEILLE COMPORTANT UN ENSEMBLE DECAPSULEUR**

[72] FRISHMAN, ABE, US
[71] WORLD BOTTLING CAP, LLC, US

[85] 2017-09-29
[86] 2015-01-29 (PCT/US2015/013464)
[87] (WO2015/152986)
[30] US (14/244,571) 2014-04-03

[21] **2,981,453**
[13] A1

[51] **Int.Cl. A61B 5/16 (2006.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **VIDEO DATABASES AND METHODS FOR DETECTION OR DIAGNOSIS OF NEURODEVELOPMENT DISORDERS**

[54] **BASES DE DONNEES VIDEO ET PROCEDES DE DETECTION OU DE DIAGNOSTIC DE TROUBLE DU NEURODEVELOPPEMENT**

[72] TIRANOFF, LOUISE, US
[71] TIRANOFF, LOUISE, US

[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025581)
[87] (WO2016/161301)
[30] US (62/141,812) 2015-04-01

Demandes PCT entrant en phase nationale

[21] **2,981,455**
[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/543 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **AUTOMATED IMMUNOANALYZER SYSTEM FOR PERFORMING DIAGNOSTIC ASSAYS FOR AUTOIMMUNE AND INFECTIOUS DISEASES**

[54] **SYSTEME D'IMMUNO-ANALYSEUR AUTOMATISE POUR EFFECTUER DES DOSAGES DIAGNOSTIQUES DESTINES A DIAGNOSTIQUER DES MALADIES AUTO-IMMUNES ET INFECTIEUSES**

[72] VAN CLEVE, MARK DAVID, US
[72] TAINÉ, ELAINE GRACE, US
[72] CANFIELD, DOUGLAS JOHN, US
[72] TUVI ORTEGA, STEPHANIE, US
[72] REID, TAYLOR ADDISON, US
[71] HYCOR BIOMEDICAL LLC, US
[85] 2017-09-29
[86] 2015-03-30 (PCT/US2015/023408)
[87] (WO2016/159960)

[21] **2,981,457**
[13] A1

[51] **Int.Cl. F23C 10/08 (2006.01) F23J 3/00 (2006.01) F27B 1/18 (2006.01)**

[25] EN

[54] **POWER BOILER HAVING VERTICALLY MOUNTED CYLINDRICAL COMBUSTION CHAMBER**

[54] **CHAUDIERE DE PRODUCTION D'ENERGIE COMPORTANT UNE CHAMBRE DE COMBUSTION CYLINDRIQUE MONTEE VERTICALEMENT**

[72] SULLIVAN, EUGENE, US
[72] HIGGINS, DANIEL R., US
[71] SULLIVAN, EUGENE, US
[71] HIGGINS, DANIEL R., US
[85] 2017-02-02
[86] 2015-08-14 (PCT/US2015/045315)
[87] (WO2016/025857)
[30] US (62/038,153) 2014-08-15

[21] **2,981,461**
[13] A1

[51] **Int.Cl. A61B 5/20 (2006.01) A61B 8/00 (2006.01) A61B 8/12 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR DETECTING SUB-TISSUE ANOMALIES**

[54] **PROCEDES ET SYSTEMES POUR LA DETECTION D'ANOMALIES SOUS-TISSULAIRES**

[72] LIU, HANLI, US
[72] KAVURI, VENKAIHA C., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-09-29
[86] 2015-04-29 (PCT/US2015/028342)
[87] (WO2015/168319)
[30] US (61/985,905) 2014-04-29

[21] **2,981,463**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 25/06 (2006.01)**

[25] EN

[54] **NEEDLE TIP SHIELDING DEVICE AND CATHETER HUB THEREFORE**

[54] **DISPOSITIF DE PROTECTION DE POINTE D'AIGUILLE ET EMBASE DU CATHETER POUR CELUI-CI**

[72] KNUTSSON, PER, SE
[71] VIGMED AB, SE
[85] 2017-09-29
[86] 2016-04-07 (PCT/SE2016/050295)
[87] (WO2016/163939)
[30] SE (1550419-4) 2015-04-09

[21] **2,981,465**
[13] A1

[51] **Int.Cl. C07C 39/10 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR PREVENTION/PROPHYLACTIC TREATMENT OF POISON IVY DERMATITIS**

[54] **COMPOSITIONS POUR LA PREVENTION/LE TRAITEMENT PROPHYLACTIQUE DE LA DERMATITE PROVOQUEE PAR LE SUMAC VENENEUX**

[72] ELSOHLY, MAHMOUD, US
[72] GUL, WASEEM, US
[72] ASHFAQ, MOHAMMAD KHALID, US
[71] THE UNIVERSITY OF MISSISSIPPI, US
[85] 2017-09-29
[86] 2016-01-12 (PCT/US2016/013090)
[87] (WO2016/160090)
[30] US (14/675,773) 2015-04-01

[21] **2,981,468**
[13] A1

[51] **Int.Cl. A61K 45/00 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **MEDICINE**

[54] **MEDICAMENT**

[72] MIYAKAWA, TOMOYA, JP
[72] DOI, SHUN, JP
[72] TAMADA, KOJI, JP
[71] CYTLIMIC INC., JP
[85] 2017-09-28
[86] 2016-04-07 (PCT/JP2016/061463)
[87] (WO2016/163489)
[30] JP (2015-078684) 2015-04-07
[30] JP (2015-198066) 2015-10-05
[30] JP (2016-032046) 2016-02-23

PCT Applications Entering the National Phase

[21] **2,981,472**
[13] A1

[51] **Int.Cl. C07D 513/08 (2006.01) A61K 31/33 (2006.01) A61K 31/431 (2006.01)**

[25] EN

[54] **ALPHA-AMINO PATEAMINE A DERIVATIVES AND METHODS FOR TREATING CHRONIC LYMPHOCYTIC LEUKEMIA**

[54] **DERIVES D'ALPHA-AMINO PATEAMINE A ET PROCEDES PERMETTANT DE TRAITER LA LEUCEMIE LYMPHOIDE CHRONIQUE**

[72] ROMO, DANIEL, US

[72] HULL, KEN, US

[72] ZHU, MINGZHAO, US

[72] ROBLES, OMAR, US

[71] THE TEXAS A&M UNIVERSITY SYSTEM, US

[85] 2017-09-29

[86] 2016-03-31 (PCT/US2016/025355)

[87] (WO2016/161168)

[30] US (62/140,987) 2015-03-31

[21] **2,981,474**
[13] A1

[51] **Int.Cl. A61N 1/32 (2006.01) A61B 5/053 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IMPROVED TISSUE-SENSING BASED ELECTROPORATION**

[54] **SYSTEMES ET PROCEDES POUR ELECTROPORATION BASEE SUR LA DETECTION DE TISSU**

[72] BAHRAMI, ARYA, US

[72] DENISON, ANDY E., US

[72] HAYDEN, CHRISTOPHER S., US

[72] CONNOLLY, RICHARD J., US

[72] PIERCE, ROBERT H., US

[72] BROWN, DOUGLAS W., US

[72] JOHNSON, ERIC T., US

[72] RAGLAND, ROBERT R., US

[72] CAMPBELL, JEAN, US

[71] ONCOSEC MEDICAL INCORPORATED, US

[85] 2017-09-29

[86] 2016-03-31 (PCT/US2016/025416)

[87] (WO2016/161201)

[30] US (62/141,142) 2015-03-31

[30] US (62/141,182) 2015-03-31

[30] US (62/141,256) 2015-03-31

[30] US (62/141,164) 2015-03-31

[30] US (62/214,807) 2015-09-04

[30] US (62/214,872) 2015-09-04

[21] **2,981,482**
[13] A1

[51] **Int.Cl. B41J 2/315 (2006.01) B41J 3/407 (2006.01)**

[25] EN

[54] **METHOD OF SELECTIVELY TRANSFERRING AN IMAGE AND HEAT-TRANSFER ASSEMBLY**

[54] **PROCEDE PERMETTANT DE TRANSFERER UNE IMAGE DE MANIERE SELECTIVE ET ENSEMBLE DE TRANSFERT DE CHALEUR**

[72] COBB, JAMES D., III, US

[71] VIVID TRANSFERS, LLC, US

[85] 2017-09-29

[86] 2016-03-29 (PCT/US2016/024649)

[87] (WO2016/160771)

[30] US (14/674,032) 2015-03-31

[21] **2,981,483**
[13] A1

[51] **Int.Cl. B26D 3/28 (2006.01) A23N 15/00 (2006.01) A47J 43/28 (2006.01) B26B 3/03 (2006.01) B26D 1/02 (2006.01) B26D 1/03 (2006.01)**

[25] EN

[54] **MANDOLINE SLICER**

[54] **TRANCHEUSE MANDOLINE**

[72] STEWART, JOSHUA, US

[72] BAGLEY, JUSTIN, US

[72] KAPOSI, SASCHA, US

[72] HAUSER, LAWRENCE M., US

[71] PROGRESSIVE INTERNATIONAL CORPORATION, US

[85] 2017-09-29

[86] 2016-04-01 (PCT/US2016/025625)

[87] (WO2016/164273)

[30] US (14/679,373) 2015-04-06

[21] **2,981,485**
[13] A1

[51] **Int.Cl. A61K 8/00 (2006.01) A61K 31/74 (2006.01)**

[25] EN

[54] **KERATIN TREATMENTS**

[54] **TRAITEMENTS A LA KERATINE**

[72] VALIA, DAVID, US

[72] KAISER, MARK, US

[72] CONGER, CHAD, US

[72] SCHEIBERT, SEBASTIAN EMERY, US

[71] REVLON CONSUMER PRODUCTS CORPORATION, US

[85] 2017-09-29

[86] 2016-03-29 (PCT/US2016/024698)

[87] (WO2016/160796)

[30] US (62/142,798) 2015-04-03

[21] **2,981,486**
[13] A1

[51] **Int.Cl. B65D 83/20 (2006.01) B65D 1/02 (2006.01) B65D 83/00 (2006.01) B65D 83/14 (2006.01) B65D 83/38 (2006.01)**

[25] EN

[54] **STRUCTURE AND METHOD OF SEALING A CLOSURE ASSEMBLY ONTO THE NECK FINISH OF A PLASTIC PRESSURE CONTAINER**

[54] **STRUCTURE ET PROCEDE D'ETANCHEIFICATION D'UN ENSEMBLE FERMETURE SUR LA FINITION DE COL D'UN RECIPIENT EN PLASTIQUE SOUS PRESSION**

[72] PATEL, TAPAN Y., US

[72] DENNER, JOHN E., US

[72] BYSICK, SCOTT E., US

[72] HOWELL, JUSTIN A., US

[71] GRAHAM PACKAGING COMPANY, L.P., US

[85] 2017-09-29

[86] 2016-04-01 (PCT/US2016/025651)

[87] (WO2016/161338)

[30] US (62/141,647) 2015-04-01

[21] **2,981,488**
[13] A1

[51] **Int.Cl. B65D 85/00 (2006.01) A47F 3/08 (2006.01) A47G 19/32 (2006.01) A47J 43/18 (2006.01) B65D 25/02 (2006.01)**

[25] EN

[54] **TURKEY LEG HOLDER**

[54] **SUPPORT DE CUISSE DE DINDE**

[72] MORROW, KENNEDY, US

[71] MORROW, KENNEDY, US

[85] 2017-09-29

[86] 2016-04-01 (PCT/US2016/025682)

[87] (WO2016/161352)

[30] US (62/141,468) 2015-04-01

Demandes PCT entrant en phase nationale

[21] **2,981,493**
[13] A1

[51] **Int.Cl. H01L 39/22 (2006.01) G06N 99/00 (2010.01) B82Y 10/00 (2011.01) H01L 39/00 (2006.01) H01L 39/02 (2006.01) H04B 10/00 (2013.01)**

[25] EN

[54] **WIRELESS JOSEPHSON PARAMETRIC CONVERTER**

[54] **CONVERTISSEUR PARAMETRIQUE JOSEPHSON SANS FIL**

[72] SLIWA, KATRINA, US
[72] HATRIDGE, MICHAEL, US
[72] NARLA, ANIRUDH, US
[72] SHANKAR, SHYAM, US
[72] FRUNZIO, LUIGI, US
[72] SCHOELKOPF, ROBERT J. III, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
[85] 2017-09-29
[86] 2016-04-15 (PCT/US2016/027817)
[87] (WO2016/168642)
[30] US (62/149,419) 2015-04-17

[21] **2,981,499**
[13] A1

[51] **Int.Cl. A61K 31/433 (2006.01) A61K 31/4245 (2006.01) A61K 31/501 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **METHODS OF ADMINISTERING GLUTAMINASE INHIBITORS**

[54] **PROCEDES D'ADMINISTRATION D'INHIBITEURS DE GLUTAMINASE**

[72] GROSS, MATTHEW I., US
[72] BENNETT, MARK K., US
[72] MOLINEAUX, CHRISTOPHER, US
[71] CALITHERA BIOSCIENCES, INC., US
[85] 2017-09-29
[86] 2016-03-30 (PCT/US2016/024998)
[87] (WO2016/160980)
[30] US (62/139,928) 2015-03-30
[30] US (62/168,112) 2015-05-29

[21] **2,981,501**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) C07K 14/00 (2006.01) C07K 14/62 (2006.01)**

[25] EN

[54] **AMINE PEGYLATION METHODS FOR THE PREPARATION OF SITE-SPECIFIC PROTEIN CONJUGATES**

[54] **PROCEDES DE PEGYLATION D'AMINE POUR LA PREPARATION DE CONJUGUES DE PROTEINE SPECIFIQUES D'UN SITE**

[72] ROSENDAHL, MARY S., US
[72] MANTRIPRAGADA, SANKARAM B., US
[71] ANTRIABIO, INC., US
[85] 2017-09-29
[86] 2016-05-19 (PCT/US2016/033190)
[87] (WO2016/196017)
[30] US (62/170,933) 2015-06-04

[21] **2,981,496**
[13] A1

[51] **Int.Cl. C40B 20/04 (2006.01) H01J 49/26 (2006.01)**

[25] EN

[54] **METHOD FOR MULTIPLEXED SAMPLE ANALYSIS BY PHOTOIONIZING SECONDARY SPUTTERED NEUTRALS**

[54] **PROCEDE POUR L'ANALYSE D'ECHANTILLONS MULTIPLEXES PAR PHOTO-IONISATION D'ESPECES NEUTRES PULVERISEES SECONDAIRES**

[72] ANGELO, ROBERT M., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-09-29
[86] 2016-04-20 (PCT/US2016/028444)
[87] (WO2016/172215)
[30] US (62/151,637) 2015-04-23

[21] **2,981,500**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) C12N 9/24 (2006.01) C12N 15/00 (2006.01) C12N 15/52 (2006.01)**

[25] EN

[54] **GLUCANASE PRODUCTION AND METHODS OF USING THE SAME**

[54] **PRODUCTION DE GLUCANASE ET SES PROCEDES D'UTILISATION**

[72] RAAB, R. MICHAEL, US
[72] BOUGRI, OLEG, US
[72] LI, XUEMEI, US
[71] AGRIVIDA, INC., US
[85] 2017-09-29
[86] 2016-05-13 (PCT/US2016/032418)
[87] (WO2016/183467)
[30] US (62/161,482) 2015-05-14

[21] **2,981,503**
[13] A1

[51] **Int.Cl. A61K 31/575 (2006.01) A61P 1/16 (2006.01)**

[25] EN

[54] **BILE ACID DERIVATIVES AS FXR/TGR5 AGONISTS AND METHODS OF USE THEREOF**

[54] **DERIVES D'ACIDE BILIAIRE UTILISES COMME AGONISTES DE FXR/TGR5 ET LEURS PROCEDES D'UTILISATION**

[72] WANG, GUOQIANG, US
[72] OR, YAT SUN, US
[72] SHEN, RUICHAO, US
[72] XING, XUECHAO, US
[72] LONG, JIANG, US
[72] DAI, PENG, US
[72] GRANGER, BRETT, US
[72] HE, JING, US
[71] ENANTA PHARMACEUTICALS, INC., US
[85] 2017-09-29
[86] 2016-03-30 (PCT/US2016/025035)
[87] (WO2016/161003)
[30] US (62/140,927) 2015-03-31
[30] US (62/287,267) 2016-01-26

PCT Applications Entering the National Phase

[21] **2,981,504**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**

[25] EN

[54] **MECHANICALLY INTERLOCKING COMPLEXES**

[54] **COMPLEXES A INTERVERROUILLAGE MECANIQUE**

[72] WILLIAMS, JOHN, US

[72] BZYMEK, KRZYSZTOF P., US

[72] HORNE, DAVID, US

[72] XIE, JUN, US

[71] CITY OF HOPE, US

[85] 2017-09-29

[86] 2016-03-30 (PCT/US2016/025066)

[87] (WO2016/161018)

[30] US (62/140,345) 2015-03-30

[21] **2,981,507**
[13] A1

[51] **Int.Cl. A61K 31/575 (2006.01) A61K 51/00 (2006.01) C07J 9/00 (2006.01) C07J 43/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS FOR COMBINATION THERAPY**

[54] **COMPOSITIONS PHARMACEUTIQUES POUR THERAPIE COMBINEE**

[72] PRUZANSKI, MARK, US

[72] ADORINI, LUCIANO, IT

[71] INTERCEPT PHARMACEUTICALS, INC., US

[85] 2017-09-29

[86] 2016-04-06 (PCT/US2016/026146)

[87] (WO2016/164413)

[30] US (62/144,040) 2015-04-07

[21] **2,981,510**
[13] A1

[51] **Int.Cl. C07C 245/24 (2006.01) C07C 245/14 (2006.01) C07C 245/20 (2006.01)**

[25] EN

[54] **REAGENTS AND METHODS FOR ESTERIFICATION**

[54] **REACTIFS ET PROCEDES D'ESTERIFICATION**

[72] RAINES, RONALD T., US

[72] MIX, KALIE, US

[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

[85] 2017-09-29

[86] 2016-04-07 (PCT/US2016/026501)

[87] (WO2016/164622)

[30] US (62/145,193) 2015-04-09

[30] US (62/319,153) 2016-04-06

[21] **2,981,505**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) C12M 1/34 (2006.01) G01N 30/80 (2006.01) G01N 33/50 (2006.01) G01N 35/02 (2006.01)**

[25] EN

[54] **RARE CELL ISOLATION DEVICE AND METHOD OF USE THEREOF**

[54] **DISPOSITIF D'ISOLATION DE CELLULES RARES ET SON PROCEDE D'UTILISATION**

[72] ALLEN, JEFFREY K., US

[72] ALLEN, ALEXANDER G., US

[72] ALLEN, AUSTIN E., US

[71] TUMORGEN MDX LLC, US

[85] 2017-09-29

[86] 2016-04-05 (PCT/US2016/026041)

[87] (WO2016/164359)

[30] US (62/146,047) 2015-04-10

[21] **2,981,509**
[13] A1

[51] **Int.Cl. C12N 9/16 (2006.01) C12N 5/07 (2010.01) A61K 38/00 (2006.01) C12N 15/00 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING TALENS AND METHODS OF TREATING HIV**

[54] **COMPOSITIONS COMPRENANT DES TALEN ET METHODES DE TRAITEMENT DU VIH**

[72] SCHILLER, MARTIN R., US

[72] STRONG, CHRISTY L., US

[71] THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUC. ON BEHALF OF THE UNIVERSITY OF NEVADA, LA, US

[85] 2017-09-29

[86] 2016-03-30 (PCT/US2016/025037)

[87] (WO2016/161004)

[30] US (62/140,048) 2015-03-30

[30] US (62/265,232) 2015-12-09

[21] **2,981,511**
[13] A1

[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) H04L 12/16 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF BLOCKCHAIN TRANSACTION RECORDATION**

[54] **SYSTEMES ET PROCEDES D'ENREGISTREMENT DE TRANSACTIONS DE CHAINE DE BLOCS**

[72] FAY, THOMAS, US

[72] PANISCOTTI, DOMINICK, US

[71] NASDAQ, INC., US

[85] 2017-09-29

[86] 2016-03-31 (PCT/US2016/025189)

[87] (WO2016/161073)

[30] US (62/140,802) 2015-03-31

Demandes PCT entrant en phase nationale

[21] **2,981,513**
[13] A1

[51] **Int.Cl. A01G 25/09 (2006.01) B05B 1/30 (2006.01)**
[25] EN
[54] **SPRAY NOZZLE ASSEMBLY WITH EXPANDED PRESSURE RESPONSIVE LIQUID FLOW RATE CONTROL**
[54] **ENSEMBLE BUSE DE PULVERISATION AVEC COMMANDE DE DEBIT DE LIQUIDE SENSIBLE A LA PRESSION EXPANSEE**
[72] PAULSEN, GARY A., US
[72] KAVANAGH, KARI, US
[71] SPRAYING SYSTEMS CO., US
[85] 2017-09-29
[86] 2016-03-31 (PCT/US2016/025201)
[87] (WO2016/161079)
[30] US (62/141,472) 2015-04-01

[21] **2,981,516**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **ULTRA-HIGH FIBER DENSITY MICRO-DUCT CABLE WITH EXTREME OPERATING PERFORMANCE**
[54] **CABLE A MICRO-GAINES A ULTRA-HAUTE DENSITE DE FIBRES PRESENTANT DES PERFORMANCES DE FONCTIONNEMENT EXTREMES**
[72] QUINN, JUSTIN, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025483)
[87] (WO2016/161240)
[30] US (62/141,503) 2015-04-01

[21] **2,981,517**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07K 14/605 (2006.01) C12N 15/867 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATED TO GPCR AGONIST POLYPEPTIDES**
[54] **METHODES ET COMPOSITIONS ASSOCIEES A DES POLYPEPTIDES AGONISTES DE GPCR**
[72] LERNER, RICHARD A., US
[72] ZHANG, HONGKAI, US
[72] MC DONALD, PATRICIA, US
[72] XIE, JIA, US
[72] STURCHLER, EMMANUEL, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025490)
[87] (WO2016/161244)
[30] US (62/141,598) 2015-04-01

[21] **2,981,518**
[13] A1

[51] **Int.Cl. A61K 31/203 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS OF STRATIFYING PATIENTS FOR TREATMENT WITH RETINOIC ACID RECEPTOR-.ALPHA. AGONISTS**
[54] **PROCEDES DE STRATIFICATION DE PATIENTS POUR UN TRAITEMENT AU MOYEN D'AGONISTES DU RECEPTEUR ? DE L'ACIDE RETINOIQUE**
[72] CHEN, MEI WEI, US
[72] COLLINS, CINDY, US
[72] EATON, MATTHEW LUCAS, US
[72] GUENTHER, MATTHEW G., US
[72] KE, NAN, US
[72] LOPEZ, JEREMY, US
[72] MCKEOWN, MICHAEL R., US
[72] ORLANDO, DAVID A., US
[71] SYROS PHARMACEUTICALS, INC., US
[85] 2017-09-29
[86] 2016-03-31 (PCT/US2016/025256)
[87] (WO2016/161107)
[30] US (62/140,999) 2015-03-31
[30] US (62/268,203) 2015-12-16

[21] **2,981,520**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES DIRECTED AGAINST T CELL IMMUNOGLOBULIN AND MUCIN PROTEIN 3 (TIM-3)**
[54] **ANTICORPS DIRIGES CONTRE L'IMMUNOGLOBULINE DE CELLULE T ET PROTEINE 3 DE MUCINE (TIM-3)**
[72] KEHRY, MARILYN, US
[72] KING, DAVID J., US
[72] DA SILVA CORREIA, JEAN, US
[71] ANAPTYSBIO, INC., US
[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025532)
[87] (WO2016/161270)
[30] US (62/141,353) 2015-04-01

[21] **2,981,521**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 3/06 (2006.01) G06F 12/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED DATA SET STORAGE AND RETRIEVAL**
[54] **STOCKAGE ET RECUPERATION D'ENSEMBLE DE DONNEES DISTRIBUE**
[72] BOWMAN, BRIAN PAYTON, US
[72] KRUEGER, STEVEN E., US
[72] KNIGHT, RICHARD TODD, US
[72] HO, CHIH-WEI, US
[71] SAS INSTITUTE INC., US
[85] 2017-09-29
[86] 2016-07-27 (PCT/US2016/044309)
[87] (WO2017/019794)
[30] US (62/197,514) 2015-07-27
[30] US (62/197,519) 2015-07-27
[30] US (15/220,034) 2016-07-26
[30] US (15/220,182) 2016-07-26
[30] US (15/220,192) 2016-07-26

PCT Applications Entering the National Phase

[21] **2,981,523**
[13] A1

[51] **Int.Cl. A61K 35/545 (2015.01) C12N 5/077 (2010.01) A61P 9/10 (2006.01) C07K 14/50 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR STIMULATION OF CELL PROLIFERATION AND PROVISION OF BIOLOGICALLY ACTIVE MIXTURES OF FGF2 ISOFORMS**

[54] **PROCEDES ET COMPOSITIONS POUR LA STIMULATION DE LA PROLIFERATION CELLULAIRE ET LA FOURNITURE DE MELANGES BIOLOGIQUEMENT ACTIFS D'ISOFORMES DE FGF2**

[72] AIZMAN, IRINA, US
[72] BATES, DAMIEN, US
[71] SANBIO, INC., US
[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025559)
[87] (WO2016/161290)
[30] US (62/178,190) 2015-04-01
[30] US (62/204,776) 2015-08-13

[21] **2,981,528**
[13] A1

[51] **Int.Cl. A47C 3/00 (2006.01) A47C 3/025 (2006.01) A47C 5/12 (2006.01) A47C 7/14 (2006.01)**

[25] EN

[54] **SEATING ARRANGEMENT**

[54] **AGENCEMENT DE SIEGE**

[72] LUDWIG, JAMES NOLAN, US
[72] DEEVERS, NICKOLAUS WILLIAM CHARLES, US
[72] HEIDMANN, KURT, US
[72] SMITH, BRUCE MICHAEL, US
[72] SPOELHOF, MARK WILLIAM, US
[71] STEELCASE INC., US
[85] 2017-09-29
[86] 2016-04-12 (PCT/US2016/027115)
[87] (WO2016/168185)
[30] US (62/146,666) 2015-04-13
[30] US (62/146,672) 2015-04-13
[30] US (62/146,678) 2015-04-13
[30] US (62/153,266) 2015-04-27

[21] **2,981,530**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) C07D 239/74 (2006.01) C07D 239/94 (2006.01) C07D 239/95 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/04 (2006.01) C07D 471/08 (2006.01)**

[25] EN

[54] **SUBSTITUTED QUINAZOLINE COMPOUNDS AND METHODS OF USE THEREOF**

[54] **COMPOSES QUINAZOLINE SUBSTITUES ET LEURS PROCEDES D'UTILISATION**

[72] LI, LIANSHENG, US
[72] FENG, JUN, US
[72] LONG, YUN OLIVER, US
[72] LIU, YUAN, US
[72] WU, TAO, US
[72] REN, PINGDA, US
[72] LIU, YI, US
[71] ARAXES PHARMA LLC, US
[85] 2017-09-29
[86] 2016-04-08 (PCT/US2016/026573)
[87] (WO2016/164675)
[30] US (62/145,705) 2015-04-10
[30] US (62/145,818) 2015-04-10
[30] US (62/255,891) 2015-11-16
[30] US (62/265,320) 2015-12-09
[30] US (62/265,316) 2015-12-09

[21] **2,981,533**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) A61B 5/055 (2006.01) A61K 31/4412 (2006.01) A61P 25/28 (2006.01) G01N 24/08 (2006.01) G01N 29/04 (2006.01)**

[25] EN

[54] **METHOD FOR PREDICTING RISK OF COGNITIVE DETERIORATION**

[54] **PROCEDE POUR LA PREDICTION DU RISQUE DE DETERIORATION COGNITIVE**

[72] AYTON, SCOTT, AU
[72] FAUX, NOEL, AU
[72] BUSH, ASHLEY IAN, AU
[71] CRC FOR MENTAL HEALTH LTD, AU
[85] 2017-10-02
[86] 2016-04-01 (PCT/AU2016/050248)
[87] (WO2016/154682)
[30] AU (2015901210) 2015-04-02
[30] AU (2016900347) 2016-02-03

[21] **2,981,536**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06K 9/00 (2006.01)**

[25] EN

[54] **MULTI-BIOMETRIC AUTHENTICATION**

[54] **AUTHENTIFICATION MULTI-BIOMETRIQUE**

[72] LIU, DANGHUI, AU
[72] SARVER, EDWIN JAY, AU
[71] WAVEFRONT BIOMETRIC TECHNOLOGIES PTY LIMITED, AU
[85] 2017-10-02
[86] 2016-04-08 (PCT/AU2016/050258)
[87] (WO2016/161481)
[30] AU (2015901256) 2015-04-08

[21] **2,981,537**
[13] A1

[51] **Int.Cl. H04W 74/08 (2009.01) H04W 52/02 (2009.01) H04W 68/02 (2009.01)**

[25] EN

[54] **RANDOMIZED BEACON TRANSMISSIONS**

[54] **TRANSMISSIONS ALEATOIRES DE BALISE**

[72] BARRETT, STEPHEN JOHN, GB
[72] LEPP, JAMES RANDOLPH WINTER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-10-02
[86] 2016-03-29 (PCT/CA2016/050356)
[87] (WO2016/172789)
[30] US (14/699,484) 2015-04-29

[21] **2,981,541**
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) B02C 23/00 (2006.01) B65F 5/00 (2006.01)**

[25] EN

[54] **RECYCLING APPLIANCE**

[54] **APPAREIL DE RECYCLAGE**

[72] ARSOVIC, MILORAD, CA
[71] ARSOVIC, MILORAD, CA
[85] 2017-10-02
[86] 2016-04-01 (PCT/CA2016/050382)
[87] (WO2016/154760)
[30] US (14/675,802) 2015-04-01

Demandes PCT entrant en phase nationale

[21] **2,981,543**
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01) A61K 47/18 (2017.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **ISOLATION, DETECTION, DIAGNOSIS AND/OR CHARACTERIZATION OF CIRCULATING TROP-2-POSITIVE CANCER CELLS**

[54] **ISOLEMENT, DETECTION, DIAGNOSTIC ET/OU CARACTERISATION DE CELLULES CANCEREUSES TROP-2 POSITIVES**

[72] GOLDENBERG, DAVID M., US
[72] HANSEN, HANS J., US
[72] CHANG, CHIEN-HSING, US
[71] IMMUNOMEDICS, INC., US
[85] 2017-08-01
[86] 2016-04-22 (PCT/US2016/028765)
[87] (WO2016/172427)
[30] US (62/151,169) 2015-04-22

[21] **2,981,547**
[13] A1

[51] **Int.Cl. C12C 11/06 (2006.01) C12C 12/00 (2006.01) C12N 11/00 (2006.01)**

[25] EN

[54] **BEER COMPOSITION AND METHOD OF MAKING SAME**

[54] **COMPOSITION DE BIERE ET SON PROCEDE DE FABRICATION**

[72] MCCALLUM, ED, CA
[72] WILLIAMS, CHRIS, CA
[72] DUVAL, STEPHANE, CA
[71] SLEEMAN BREWERIES LTD., CA
[85] 2017-10-02
[86] 2016-05-04 (PCT/CA2016/050512)
[87] (WO2016/176770)
[30] US (62/158,184) 2015-05-07

[21] **2,981,548**
[13] A1

[51] **Int.Cl. F16L 9/18 (2006.01) B23K 31/02 (2006.01)**

[25] EN

[54] **METHOD FOR WELDING OF INSULATED PIPE**

[54] **PROCEDE DE SOUDAGE DE TUYAU ISOLE**

[72] PEGORETTI, MARCOS, BR
[71] MRP PARTICIPACOES EIRELI, BR
[85] 2017-10-02
[86] 2015-04-09 (PCT/BR2015/050039)
[87] (WO2016/161492)

[21] **2,981,553**
[13] A1

[51] **Int.Cl. G06F 3/0484 (2013.01) A63F 13/25 (2014.01)**

[25] EN

[54] **INFORMATION PROCESSING METHOD, TERMINAL, AND COMPUTER STORAGE MEDIUM**

[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, TERMINAL ET SUPPORT D'INFORMATIONS POUR ORDINATEUR**

[72] WANG, HAOSU, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-10-02
[86] 2016-05-24 (PCT/CN2016/083208)
[87] (WO2017/059684)
[30] CN (201510654167.4) 2015-10-10

[21] **2,981,564**
[13] A1

[51] **Int.Cl. B65D 5/38 (2006.01)**

[25] EN

[54] **LATCHABLE PACKAGE**

[54] **EMBALLAGE VERROUILLABLE**

[72] WHITEHURST, DANE, GB
[71] DUFF DESIGN LIMITED, GB
[85] 2017-10-02
[86] 2017-01-27 (PCT/GB2017/050219)
[87] (WO2017/129996)
[30] GB (1601626.3) 2016-01-28
[30] GB (1618766.8) 2016-11-07

[21] **2,981,566**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) G01R 33/48 (2006.01) G01T 1/164 (2006.01) G06F 19/00 (2011.01) G06T 1/00 (2006.01)**

[25] EN

[54] **A MEDICAL IMAGING SYSTEM FOR SCAN QUEUE MANAGEMENT**

[54] **SYSTEME D'IMAGERIE MEDICALE POUR UNE GESTION DE FILE D'ATTENTE PAR BALAYAGE**

[72] KUO, YU-CHING AUDREY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-10-02
[86] 2015-04-13 (PCT/IB2015/052677)
[87] (WO2016/166569)

[21] **2,981,572**
[13] A1

[51] **Int.Cl. A43C 19/00 (2006.01) A43B 23/30 (2006.01) A43C 11/00 (2006.01)**

[25] EN

[54] **WOMEN AND MEN'S CLEAR SHOE AND HEEL PROTECTOR**

[54] **CHAUSSURE TRANSPARENTE POUR FEMME ET POUR HOMME ET PROTEGE-TALON**

[72] SHAGHOURY, MARIAN, CA
[71] SHAGHOURY, MARIAN, CA
[85] 2017-10-02
[86] 2016-04-04 (PCT/IB2016/000511)
[87] (WO2016/156983)
[30] US (62/142,267) 2015-04-02

[21] **2,981,574**
[13] A1

[51] **Int.Cl. G21C 7/28 (2006.01) G21C 1/02 (2006.01) G21C 3/60 (2006.01) G21C 5/00 (2006.01) G21C 7/24 (2006.01) G21D 5/14 (2006.01)**

[25] EN

[54] **SMALL LOAD-FOLLOWING NUCLEAR POWER GENERATION SYSTEM USING HEAT DEFORMATION OF REFLECTOR CAUSED BY THERMAL EXPANSION PHENOMENON**

[54] **SYSTEME DE FAIBLE ENCOMBREMENT DE GENERATION D'ENERGIE NUCLEAIRE EN SUIVI DE CHARGE UTILISANT LA DEFORMATION THERMIQUE DU REFLECTEUR PROVOQUEE PAR LE PHENOMENE DE DILATATION THERMIQUE**

[72] SUMITA, OSAO, JP
[72] UENO, ISAO, JP
[72] YOKOMINE, TAKEHIKO, JP
[71] CLEAR INC., JP
[85] 2017-10-02
[86] 2016-01-25 (PCT/JP2016/052053)
[87] (WO2016/157961)
[30] JP (2015-075942) 2015-04-02

PCT Applications Entering the National Phase

[21] **2,981,579**
[13] A1

[51] **Int.Cl. C09K 3/14 (2006.01) F16D 69/02 (2006.01)**
[25] EN
[54] **FRICITION MATERIAL**
[54] **MATERIAU DE FRICTION**
[72] KAMEI, MITSUO, JP
[71] TUNGALOY CORPORATION, JP
[85] 2017-10-02
[86] 2016-04-01 (PCT/JP2016/060904)
[87] (WO2016/159341)
[30] JP (2015-075722) 2015-04-02

[21] **2,981,580**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **COMMENT ANALYSIS SYSTEM, COMMENT ANALYSIS METHOD, AND PROGRAM FOR COMMENT ANALYSIS**
[54] **SYSTEME D'ANALYSE DE COMMENTAIRE, PROCEDE D'ANALYSE DE COMMENTAIRE, ET PROGRAMME D'ANALYSE DE COMMENTAIRE**
[72] TAKEDA, TAKASHI, JP
[71] QON INC., JP
[85] 2017-10-02
[86] 2015-04-03 (PCT/JP2015/060549)
[87] (WO2016/157512)

[21] **2,981,582**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 4/00 (2009.01) H04W 8/24 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, TWAG, EPDG, AND PGW**
[54] **DISPOSITIF DE TERMINAL, PASSERELLE D'ACCES SANS FIL DE CONFIANCE (TWAG), PASSERELLE DE DONNEES DE PAQUET EVOLUE (EPDG) ET PASSERELLE DE PAQUET (PGW)**
[72] KAWASAKI, YUDAI, JP
[72] KUGE, YOKO, JP
[72] ARAMOTO, MASAFUMI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-10-02
[86] 2016-04-06 (PCT/JP2016/061288)
[87] (WO2016/163410)
[30] JP (2015-078102) 2015-04-07

[21] **2,981,585**
[13] A1

[51] **Int.Cl. A61K 8/66 (2006.01) C12N 5/073 (2010.01) A61K 35/54 (2015.01) A61K 38/46 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR REMODELING EXTRACELLULAR MATIX AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE REMODELAGE D'UNE MATRICE EXTRACELLULAIRE ET LEURS PROCEDES D'UTILISATION**
[72] SAGI, IRIT, IL
[72] SOLOMONOV, INNA, IL
[72] ZEHORAI, ELDAR, IL
[71] NANOCELL LTD., IL
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/000526)
[87] (WO2016/156990)
[30] US (62/142,675) 2015-04-03
[30] US (62/142,672) 2015-04-03
[30] US (62/142,661) 2015-04-03

[21] **2,981,587**
[13] A1

[51] **Int.Cl. A61K 35/12 (2015.01) A61K 47/42 (2017.01) A61L 24/10 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **POWDER COMPOSITIONS FOR GENERATING CROSS-LINKED PROTEIN FOAMS AND METHODS OF USING THEREOF**
[54] **COMPOSITIONS DE POUDRE PERMETTANT DE GENERER DES MOUSSES DE PROTEINES RETICULEES ET LEURS PROCEDES D'UTILISATION**
[72] ISHAY, ATTAR, IL
[71] ISHAY, ATTAR, IL
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/000894)
[87] (WO2016/156992)
[30] US (62/142,713) 2015-04-03
[30] US (62/142,715) 2015-04-03
[30] US (62/142,725) 2015-04-03
[30] US (62/142,732) 2015-04-03
[30] US (62/142,738) 2015-04-03

[21] **2,981,590**
[13] A1

[51] **Int.Cl. C11B 1/10 (2006.01) A61K 8/97 (2017.01) B01D 1/14 (2006.01) B01D 3/40 (2006.01) B01D 11/00 (2006.01) B01D 11/02 (2006.01)**
[25] EN
[54] **IMPROVED METHOD AND APPARATUS FOR EXTRACTING BOTANICAL OILS**
[54] **PROCEDE ET APPAREIL AMELIORES D'EXTRACTION D'HUILES BOTANQUES**
[72] THOMAS, C. RUSSELL, US
[71] NATURAL EXTRACTION SYSTEMS, LLC, US
[85] 2017-10-02
[86] 2016-04-04 (PCT/US2016/025867)
[87] (WO2016/161420)
[30] US (62/142,562) 2015-04-03

[21] **2,981,591**
[13] A1

[51] **Int.Cl. A63B 69/00 (2006.01) A63B 69/38 (2006.01)**
[25] EN
[54] **DEVICE FOR BODY ORIENTATION FOR SPORTS PEOPLE**
[54] **DISPOSITIF POUR ORIENTATION CORPORELLE POUR PERSONNES FAISANT DU SPORT**
[72] PANDIT, AKSHAY, IN
[71] PANDIT, AKSHAY, IN
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/051875)
[87] (WO2016/157145)
[30] IN (937/DEL/2015) 2015-04-01

[21] **2,981,592**
[13] A1

[51] **Int.Cl. F17C 5/02 (2006.01)**
[25] EN
[54] **A MOBILE CO2 FILLING SYSTEM FOR FILLING ONSITE**
[54] **SYSTEME MOBILE DE REMPLISSAGE EN CO2 A DES FINS DE REMPLISSAGE SUR SITE**
[72] SCHUTTE, MIKE, US
[72] SCHNEIDER, DANIEL E., US
[71] GREEN CO2 IP, LLC, US
[85] 2017-10-02
[86] 2015-03-31 (PCT/US2015/023546)
[87] (WO2015/153580)
[30] US (61/973,213) 2014-03-31

Demandes PCT entrant en phase nationale

[21] **2,981,594**
[13] A1

[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01) H05B 6/62 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD OF FOCUSED IN-SITU ELECTRICAL HEATING OF HYDROCARBON BEARING FORMATIONS**

[54] **APPAREIL ET PROCÉDE DE CHAUFFAGE ELECTRIQUE IN SITU CONCENTRE DE FORMATIONS CONTENANT DES HYDROCARBURES**

[72] YELUNDUR, RAMA RAU, US

[71] YELUNDUR, RAMA RAU, US

[85] 2017-10-02

[86] 2016-04-04 (PCT/US2016/025903)

[87] (WO2016/161439)

[30] US (62/178,148) 2015-04-03

[21] **2,981,595**
[13] A1

[51] **Int.Cl. A63B 71/14 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01) A41D 20/00 (2006.01)**

[25] EN

[54] **TOWEL MEMBER CONFIGURED FOR COMBAT GLOVE**

[54] **ELEMENT DE SERVIETTE CONCU POUR UN GANT DE COMBAT**

[72] RAMOS, ENRIQUE O., US

[71] REVOLUTION FITNESS PRODUCTS, LLC, US

[85] 2017-10-02

[86] 2015-04-02 (PCT/US2015/024133)

[87] (WO2016/160025)

[21] **2,981,597**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/56 (2006.01)**

[25] EN

[54] **COLLECTING AND HARVESTING CUT BONE FROM KERRISON RONGEUR**

[54] **RECUEIL ET RECOLTE D'OS COUPE D'UN RONGEUR DE KERRISON**

[72] STARKEY, MICHAEL MORGAN, US

[72] PHILPOTT, THOMAS JAMES, US

[72] HENSLER, ROBERT SEAN, US

[72] MELIN, THOMAS ERIC, US

[72] MCNEIL, RAESHON LAMONT, US

[72] GORMAN, RYAN SHANE, US

[71] H & M INNOVATIONS, LLC, US

[85] 2017-10-02

[86] 2015-04-04 (PCT/US2015/024402)

[87] (WO2015/154060)

[30] US (61/975,698) 2014-04-04

[21] **2,981,602**
[13] A1

[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/081 (2006.01) F04B 47/02 (2006.01)**

[25] EN

[54] **POLISHED ROD ROTATOR WITH HEIGHT ADJUSTER**

[54] **ROTATEUR DE TIGE POLIE AVEC SYSTEME DE REGLAGE DE HAUTEUR**

[72] SCEKIC, VLADIMIR, CA

[72] MCCORRISTON, TODD, CA

[72] SIMMERS, CRAIG, CA

[71] 1914415 ALBERTA LTD., CA

[85] 2017-10-03

[86] 2016-03-18 (PCT/CA2016/050311)

[87] (WO2016/161505)

[30] US (62/144,618) 2015-04-08

[21] **2,981,605**
[13] A1

[51] **Int.Cl. G21F 9/34 (2006.01)**

[25] EN

[54] **SYSTEM FOR DEEP UNDERGROUND STORAGE OF RADIOACTIVE WASTE**

[54] **SYSTEME POUR STOCKAGE SOUTERRAIN PROFOND DE DECHETS RADIOACTIFS**

[72] BURGET, JOHN, US

[71] SAFE NUCLEAR SOLUTIONS, LLC, US

[85] 2017-10-02

[86] 2016-04-06 (PCT/US2016/026258)

[87] (WO2016/164491)

[30] US (62/143,653) 2015-04-06

[21] **2,981,606**
[13] A1

[51] **Int.Cl. A45D 40/00 (2006.01) A45D 40/22 (2006.01) A45D 40/26 (2006.01)**

[25] EN

[54] **LIP/SKIN APPLICATOR DEVICE WITH ROTATABLE FEATURE**

[54] **DISPOSITIF APPLICATEUR POUR LEVRE/PEAU A ELEMENT ROTATIF**

[72] WOJCIK, MICHAEL, US

[72] SANBORN, KELLY, US

[71] BLISTEX INC., US

[85] 2017-10-02

[86] 2016-04-07 (PCT/US2016/026350)

[87] (WO2016/164527)

[30] US (14/681,636) 2015-04-08

[21] **2,981,607**
[13] A1

[51] **Int.Cl. E02D 37/00 (2006.01) C08L 83/00 (2006.01) E01C 7/26 (2006.01)**

[25] EN

[54] **KIT AND METHOD FOR SEALING ROOF PENETRATIONS**

[54] **KIT ET PROCÉDE POUR ETANCHEIFIER DES PENETRATIONS DE TOIT**

[72] DIGGINS, MATTHEW, US

[71] THE SHERWIN-WILLIAMS COMPANY, US

[85] 2017-10-02

[86] 2015-04-29 (PCT/US2015/028246)

[87] (WO2015/168259)

[30] US (61/986,197) 2014-04-30

[30] US (62/118,266) 2015-02-19

[21] **2,981,608**
[13] A1

[51] **Int.Cl. G05B 19/04 (2006.01) H05B 37/02 (2006.01)**

[25] EN

[54] **ENVIRONMENTAL CONTROL SYSTEM**

[54] **SYSTEME DE SURVEILLANCE DE L'ENVIRONNEMENT**

[72] GUAN, SHAN, US

[72] ZHAO, TAO, CN

[71] LUCIS TECHNOLOGIES HOLDINGS LIMITED, KY

[85] 2017-10-03

[86] 2015-04-03 (PCT/CN2015/075923)

[87] (WO2016/155021)

PCT Applications Entering the National Phase

[21] **2,981,609**
[13] A1

[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **CATHETER STABILIZATION DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE STABILISATION DE CATHETER ET PROCEDE D'UTILISATION**
[72] ELSAMAHY, TAMER, US
[71] ELSAMAHY, TAMER, US
[85] 2017-10-02
[86] 2016-04-07 (PCT/US2016/026471)
[87] (WO2016/164598)
[30] US (62/143,893) 2015-04-07

[21] **2,981,614**
[13] A1

[51] **Int.Cl. A61K 31/409 (2006.01) A61K 9/51 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **A COMPOSITION COMPRISING A PHOTSENSITIVE COMPOUND IN A POLYMERIC NANOPARTICLE, AND A METHOD OF USING THE COMPOSITION**
[54] **COMPOSITION COMPRENANT UN COMPOSE PHOTOSENSIBLE DANS UNE NANOPARTICULE POLYMERE ET PROCEDE D'UTILISATION DE LA COMPOSITION**
[72] TARATULA, OLENA, US
[72] TARATULA, OLEH, US
[72] ALANI, ADAM, US
[71] OREGON STATE UNIVERSITY, US
[85] 2017-10-02
[86] 2016-04-18 (PCT/US2016/028113)
[87] (WO2016/172046)
[30] US (62/150,125) 2015-04-20

[21] **2,981,615**
[13] A1

[51] **Int.Cl. A61K 31/52 (2006.01) A61K 9/00 (2006.01) A61K 47/00 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **SILDENAFIL SUBLINGUAL SPRAY FORMULATIONS**
[54] **FORMULATIONS DE PULVERISATION SUBLINGUALE DE SILDENAFIL**
[72] POTTA, THRIMOORTHY, US
[72] AMANCHA, KIRAN, US
[72] GIRON, WESLEY, US
[72] YAN, NINGXING, US
[72] GOSKONDA, VENKAT, US
[72] SINGH, ONKAR N., US
[71] INSYS DEVELOPMENT COMPANY, INC., US
[85] 2017-10-03
[86] 2016-04-02 (PCT/US2016/025770)
[87] (WO2016/161397)
[30] US (62/142,746) 2015-04-03

[21] **2,981,616**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/00 (2006.01) A61K 38/10 (2006.01) C07K 5/00 (2006.01) C07K 7/00 (2006.01) C07K 16/00 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **DE NOVO BINDING DOMAIN CONTAINING POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES CONTENANT UN DOMAINE DE LIAISON DE NOVO ET LEURS UTILISATIONS**
[72] LAFLEUR, DAVID WILLIAM, US
[72] HILBERT, DAVID M., US
[71] SUBDOMAIN, LLC, US
[71] ARCELLX, INC, US
[85] 2017-10-03
[86] 2016-04-04 (PCT/US2016/025868)
[87] (WO2016/164305)
[30] US (62/143,772) 2015-04-06

[21] **2,981,618**
[13] A1

[51] **Int.Cl. A61J 15/00 (2006.01)**
[25] EN
[54] **JEJUNOSTOMY TUBE AND METHOD**
[54] **PROCEDE ET TUBE DE JEJUNOSTOMIE**
[72] HOCHWALD, STEVEN, US
[72] SINGLA, SMIT, US
[72] KURENOV, SERGEI, US
[71] HEALTH RESEARCH, INC., US
[85] 2017-10-03
[86] 2016-04-04 (PCT/US2016/025886)
[87] (WO2016/164309)
[30] US (62/143,048) 2015-04-04

[21] **2,981,621**
[13] A1

[51] **Int.Cl. G05B 19/02 (2006.01)**
[25] EN
[54] **ENVIRONMENT CONTROL SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'ENVIRONNEMENT**
[72] GUAN, SHAN, US
[72] ZHAO, TAO, CN
[71] LUCIS TECHNOLOGIES HOLDINGS LIMITED, KY
[85] 2017-10-03
[86] 2015-05-29 (PCT/CN2015/080160)
[87] (WO2016/155109)
[30] CN (PCT/CN2015/075923) 2015-04-03

[21] **2,981,623**
[13] A1

[51] **Int.Cl. A43B 13/18 (2006.01) A43B 1/10 (2006.01) A43B 5/00 (2006.01) A43B 13/00 (2006.01) A43B 13/14 (2006.01)**
[25] EN
[54] **SUBSTANTIAL ENERGY RETURN SHOE WITH OPTIMAL LOW-IMPACT SPRINGS, TUNED GEAR CHANGE, AND SMART KNEE BRACE**
[54] **CHAUSSURE A RESTITUTION D'ENERGIE SUBSTANTIELLE AVEC DES RESSORTS A FAIBLE IMPACT OPTIMUMS, CHANGEMENT DE VITESSE SYNTONISE ET ORTHESE DE GENOU INTELLIGENTE**
[72] RENNEX, BRIAN, US
[71] RENNEX, BRIAN, US
[85] 2017-10-02
[86] 2016-04-15 (PCT/US2016/000036)
[87] (WO2016/167847)
[30] US (14/545,274) 2015-04-16

Demandes PCT entrant en phase nationale

[21] **2,981,625**
[13] A1

[51] **Int.Cl. C07D 491/04 (2006.01) C07D 491/044 (2006.01) C07D 491/048 (2006.01)**

[25] EN

[54] **COMPOUNDS FOR TREATING PRURITIC CONDITIONS**

[54] **COMPOSES POUR LE TRAITEMENT D'AFFECTIONS PRURIGINEUSES**

[72] HAWI, AMALE, US

[71] TREVI THERAPEUTICS, INC., US

[85] 2017-10-02

[86] 2016-04-22 (PCT/US2016/029024)

[87] (WO2016/172613)

[30] US (62/151,618) 2015-04-23

[21] **2,981,629**
[13] A1

[51] **Int.Cl. H04N 21/44 (2011.01) H04N 21/235 (2011.01) H04N 21/435 (2011.01) H04N 21/81 (2011.01)**

[25] EN

[54] **HIDDEN REPLACEABLE MEDIA SLOTS**

[54] **FENTES MULTIMEDIA INTERCHANGEABLES CACHEES**

[72] EYER, MARK, US

[72] HEARTY, PAUL, US

[71] SONY CORPORATION, JP

[85] 2017-10-02

[86] 2016-06-21 (PCT/US2016/038508)

[87] (WO2017/019206)

[30] US (14/810,004) 2015-07-27

[21] **2,981,637**
[13] A1

[51] **Int.Cl. G05B 15/02 (2006.01) G08C 17/02 (2006.01)**

[25] EN

[54] **INTELLIGENT HOME WIRELESS CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE SANS FIL DOMESTIQUE INTELLIGENT**

[72] PAN, FEIJIAN, CN

[71] GUANGDONG UNITED INDUSTRIES FAR EAST CO., LTD, CN

[85] 2017-10-03

[86] 2016-05-13 (PCT/CN2016/082065)

[87] (WO2017/012399)

[30] CN (201510439129.7) 2015-07-22

[21] **2,981,627**
[13] A1

[51] **Int.Cl. A61K 31/517 (2006.01) A61K 9/14 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **SOLID PHARMACEUTICAL FORMULATION OF PARP INHIBITORS AND THE USE THEREOF**

[54] **FORME GALENIQUE PHARMACEUTIQUE SOLIDE D'INHIBITEUR DE PARP ET APPLICATION DE LA FORME GALENIQUE PHARMACEUTIQUE SOLIDE D'INHIBITEUR DE PARP**

[72] CAI, SUIXIONG, CN

[72] GUO, YUSHEN, CN

[71] IMPACT THERAPEUTICS, INC., CN

[85] 2017-10-03

[86] 2016-04-01 (PCT/CN2016/078262)

[87] (WO2016/155655)

[30] CN (201510157453.X) 2015-04-03

[21] **2,981,630**
[13] A1

[51] **Int.Cl. H02J 7/02 (2016.01) E05B 47/00 (2006.01)**

[25] EN

[54] **WIRELESS BATTERY CHARGING SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE CHARGE DE BATTERIE SANS FIL**

[72] GEISZLER, THEODORE D., US

[71] FP WIRELESS LLC, US

[85] 2017-10-02

[86] 2016-02-18 (PCT/US2016/018471)

[87] (WO2016/175910)

[30] US (14/699,867) 2015-04-29

[21] **2,981,639**
[13] A1

[51] **Int.Cl. B62D 5/06 (2006.01) B62D 5/065 (2006.01)**

[25] FR

[54] **POWER STEERING ELECTROHYDRAULIC SYSTEM AND ELECTRIC VEHICLE FITTED WITH SUCH A SYSTEM**

[54] **SYSTEME ELECTROHYDRAULIQUE DE DIRECTION ASSISTEE ET VEHICULE ELECTRIQUE MUNI D'UN TEL SYSTEME**

[72] BARDOT, CHRISTOPHE, FR

[72] ROCHAIS, ALAIN, FR

[71] BLUEBUS, FR

[85] 2017-10-03

[86] 2016-11-09 (PCT/EP2016/077097)

[87] (WO2017/084927)

[30] FR (1560965) 2015-11-16

[21] **2,981,632**
[13] A1

[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/138 (2006.01) E21B 41/00 (2006.01)**

[25] EN

[54] **AUTOMATED OPERATION OF WELLSITE EQUIPMENT**

[54] **FONCTIONNEMENT AUTOMATISE D'UN EQUIPEMENT DE SITE DE FORAGE**

[72] URDANETA, CARLOS, US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2017-10-02

[86] 2016-03-24 (PCT/US2016/023857)

[87] (WO2016/160459)

[30] US (62/139,963) 2015-03-30

[21] **2,981,645**
[13] A1

[51] **Int.Cl. C05B 17/00 (2006.01)**

[25] EN

[54] **SOYBEAN STARTER FERTILIZER FOR IN-FURROW APPLICATION**

[54] **ENGRAIS DE DEMARRAGE DE SOJA POUR APPLICATION DANS UN SILLON**

[72] BAME, GREGORY A., US

[71] NACHURS ALPINE SOLUTIONS, CORP., US

[85] 2017-10-02

[86] 2016-03-30 (PCT/US2016/024917)

[87] (WO2016/167961)

[30] US (62/147,454) 2015-04-14

[30] US (14/947,183) 2015-11-20

PCT Applications Entering the National Phase

[21] **2,981,647**

[13] A1

[51] **Int.Cl. G01N 33/483 (2006.01)**

[25] EN

[54] **PHOTOACOUSTIC FLOW CELL
FOR IDENTIFICATION OF RARE
ANALYTES IN SUSPENSION**

[54] **CELLULE D'ECOULEMENT
PHOTOACOUSTIQUE
PERMETTANT UNE
IDENTIFICATION DES
ANALYTES RARES EN
SUSPENSION**

[72] GOLDSCHMIDT, BENJAMIN
SAMUEL, US

[72] ROOD, KYLE, US

[72] VIATOR, JOHN ANDREW, US

[71] THE CURATORS OF THE
UNIVERSITY OF MISSOURI, US

[85] 2017-10-02

[86] 2016-03-31 (PCT/US2016/025211)

[87] (WO2016/161082)

[30] US (62/142,131) 2015-04-02

[21] **2,981,658**

[13] A1

[51] **Int.Cl. G01R 33/3875 (2006.01)**

[25] EN

[54] **SHIMMING COILS FOR
MAGNETIC RESONANCE
IMAGING**

[54] **BOBINES DE COMPENSATION
POUR IMAGERIE PAR
RESONANCE MAGNETIQUE**

[72] HARRIS, CHAD TYLER, CA

[72] BEATTY, PHILLIP J., CA

[72] PANTHER, ALEXANDER GYLES,
CA

[72] STAINSBY, JEFF ALAN, CA

[72] DESCHENES, DAVID MARK, CA

[71] SYNAPTIVE MEDICAL
(BARBADOS) INC., BB

[85] 2017-10-03

[86] 2015-04-10 (PCT/IB2015/052628)

[87] (WO2016/162734)

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] 2,974,241 [13] A1	[21] 2,976,080 [13] A1	[21] 2,976,481 [13] A1
[51] Int.Cl. G01N 21/17 (2006.01) B82Y 20/00 (2011.01) C12M 1/34 (2006.01) G01N 21/00 (2006.01) G01N 21/63 (2006.01) G01N 21/77 (2006.01) G02B 6/12 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01)	[51] Int.Cl. B02C 23/18 (2006.01) B02C 18/16 (2006.01)	[51] Int.Cl. A61F 2/07 (2013.01)
[25] EN	[25] EN	[25] EN
[54] SUBSTRATES AND OPTICAL SYSTEMS AND METHODS OF USE THEREOF	[54] ODOURLESS WASTE DISPOSER UNIT	[54] TEMPORARY EMBOLIC PROTECTION DEVICE AND MEDICAL PROCEDURE FOR DELIVERY THEREOF
[54] SUBSTRATS ET SYSTEMES OPTIQUES ET LEURS PROCEDES D'UTILISATION	[54] MODULE D'ELIMINATION DE DECHETS SANS ODEUR	[54] DISPOSITIF DE PROTECTION EMBOLIQUE TEMPORAIRE ET PROCEDURE MEDICALE POUR LE PLACEMENT DE CELUI-CI
[72] ZHONG, CHENG FRANK, US	[72] NADON, GILLES, CA	[72] JONSSON, AANDERS, SE
[72] LUNDQUIST, PAUL, US	[71] NADON, GILLES, CA	[71] SWAT MEDICAL AB, SE
[72] FOQUET, MATHIEU, US	[22] 2014-12-16	[22] 2009-09-04
[72] KORLACH, JONAS, US	[41] 2016-06-16	[41] 2010-03-11
[72] BAYANDORIAN, HOVIG, US	[62] 2,875,345	[62] 2,824,897
[71] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US		[30] SE (0801901-0) 2008-09-04
[22] 2009-09-15	[21] 2,976,206 [13] A1	
[41] 2010-03-25	[51] Int.Cl. B01L 3/02 (2006.01)	
[62] 2,737,505	[25] EN	
[30] US (61/192,326) 2008-09-16	[54] PIPETTE TIPS	[21] 2,976,484 [13] A1
	[54] POINTES DE PIPETTE	[51] Int.Cl. B29C 70/34 (2006.01) B29C 65/14 (2006.01)
	[72] CALLAHAN, SEAN MICHAEL, US	[25] EN
	[72] MOTADEL, ARTA, US	[54] AUTOMATED RESIN AND FIBER DEPOSITION FOR RESIN INFUSION
	[72] HAIRFIELD, PHILLIP CHAD, US	[54] DEPOT AUTOMATISE DE RESINE ET DE FIBRE POUR INFUSER LA RESINE
	[72] BLASZCAK, PETER PAUL, US	[72] SILCOCK, MICHAEL D., AU
	[71] BIOTIX, INC., US	[72] HOWE, CHRISTOPHER A., AU
	[22] 2011-01-21	[72] JOHNSON, BRICE A., US
	[41] 2011-07-28	[71] THE BOEING COMPANY, US
	[62] 2,787,274	[22] 2012-04-26
	[30] US (61/297658) 2010-01-22	[41] 2012-12-26
	[30] US (29/354398) 2010-01-22	[62] 2,775,329
	[30] US (61/411859) 2010-11-09	[30] US (13/168990) 2011-06-26
[21] 2,975,145 [13] A1		
[51] Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01)		
[25] EN		
[54] TRANSPORATION OF FLOCCULATED TAILINGS IN A PIPELINE		
[54] TRANSPORT DE RESIDUS FLOCULES DANS UN PIPELINE		
[72] BARA, BARRY, CA		
[72] MIKULA, RANDY, CA		
[72] GOMEZ, CLARA, CA		
[72] KIEL, DARWIN, CA		
[72] DELFEL, SEAN, CA		
[71] SYNCRUDE CANADA LTD., CA		
[22] 2014-11-07		
[41] 2015-05-12		
[62] 2,871,758		
[30] US (61/903,187) 2013-11-12		

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[21] **2,976,536**
[13] A1

[51] **Int.Cl. B65D 5/46 (2006.01) B65D 5/18 (2006.01) B65D 71/12 (2006.01)**

[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET DECOUPE DE CARTON**

[72] WALLING, BRADFORD J., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US

[22] 2014-09-11
[41] 2015-03-19
[62] 2,924,282
[30] US (61/877,330) 2013-09-13

[21] **2,976,712**
[13] A1

[51] **Int.Cl. A01M 29/30 (2011.01) A01G 25/16 (2006.01) B05B 3/00 (2006.01) B05B 12/00 (2006.01)**

[25] EN
[54] **REMOTE CONTROLLED MOTION ACTIVATED WATER REPELLANT SYSTEM AND METHOD**
[54] **MECANISME D'ETANCHEISATION ACTIVE PAR DETECTION DE MOUVEMENT CONTROLE A DISTANCE ET METHODE**

[72] RICH, CHRISTOPHER, US
[72] DALY, THOMAS J., JR., US
[71] WOODSTREAM CORPORATION, US

[22] 2015-05-14
[41] 2015-12-03
[62] 2,891,819
[30] US (14/294,426) 2014-06-03

[21] **2,977,098**
[13] A1

[51] **Int.Cl. D04H 1/485 (2012.01) B01D 39/08 (2006.01)**

[25] EN
[54] **METHOD OF MANUFACTURING A GREASE FILTER FOR USE IN EXHAUST FILTRATION SYSTEMS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE DEGRAISSAGE**

[72] ALEXANDER, GLENN DAVID, NZ
[72] SALPIETRA, JOSEPH ANTHONY, US

[71] ELLIS FIBRE USA, LLC, US

[22] 2009-09-23
[41] 2010-04-01
[62] 2,737,789
[30] US (61/099,699) 2008-09-24
[30] US (12/430,650) 2009-04-27

[21] **2,977,232**
[13] A1

[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/12 (2006.01)**

[25] EN
[54] **SHOWERHEAD WITH TURBINE DRIVEN SHUTTER**
[54] **POMME DE DOUCHE AYANT UN MECANISME D'OBTURATION ENTRAINE PAR TURBINE**

[72] QUINN, MICHAEL J., US
[72] CACKA, JOSEPH W., US
[72] LEBER, LELAND C., US
[71] WATER PIK, INC., US

[22] 2014-06-13
[41] 2014-12-18
[62] 2,914,944
[30] US (61/834,816) 2013-06-13

[21] **2,977,828**
[13] A1

[51] **Int.Cl. E01F 15/06 (2006.01) E04H 17/10 (2006.01) E04H 17/24 (2006.01)**

[25] EN
[54] **POST FOR WIRE ROPE ROAD SAFETY BARRIER**
[54] **MONTANT DESTINE A UNE BARRIERE DE SECURITE ROUTIERE A FIL METALLIQUE**

[72] TONKS, MARK, GB
[72] HARRIMAN, MATTHEW, GB
[72] WELLS, STEVE, US
[71] HILL & SMITH LIMITED, GB

[22] 2011-06-29
[41] 2012-01-12
[62] 2,804,414
[30] GB (1011265.4) 2010-07-05

[21] **2,977,953**
[13] A1

[51] **Int.Cl. C12N 15/54 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01) C12P 21/00 (2006.01)**

[25] EN
[54] **MAMMALIAN-TYPE GLYCOSYLATION IN PLANTS BY EXPRESSION OF NON-MAMMALIAN GLYCOSYLTRANSFERASES**
[54] **GLYCOSYLATION DE TYPE MAMMIFERE DANS DES PLANTES PAR L'EXPRESSION DE GLYCOSYLTRANSFERASES NON MAMMIFERES**

[72] ROUWENDAL, GERARD JOHAN ADOLPH, NL
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
[72] BOSCH, HENDRIK JAN, NL
[71] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL

[22] 2008-04-17
[41] 2008-10-23
[62] 2,684,370
[30] EP (07 106 337.4) 2007-04-17

[21] **2,979,930**
[13] A1

[51] **Int.Cl. B41F 33/02 (2006.01) B41F 21/00 (2006.01) B65H 29/24 (2006.01) B65H 43/08 (2006.01)**

[25] EN
[54] **INSPECTION SYSTEM FOR INSPECTING THE QUALITY OF PRINTED SHEETS**
[54] **SYSTEME D'INSPECTION POUR INSPECTER LA QUALITE DE FEUILLES IMPRIMEES**

[72] EITEL, JOHANN EMIL, DE
[72] SIEMER, AXEL, DE
[72] SCHAEDE, JOHANNES GEORG, DE
[71] KBA-NOTASYS SA, CH

[22] 2009-06-19
[41] 2009-12-30
[62] 2,728,544
[30] EP (08159288.3) 2008-06-27

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[21] **2,980,075**
[13] A1

[51] **Int.Cl. B60T 3/00 (2006.01) B60S 9/00 (2006.01) B62D 37/00 (2006.01) B62D 53/08 (2006.01) B65G 69/00 (2006.01)**

[25] EN
[54] **TRAILER STABILIZER**
[54] **STABILISATEUR DE REMORQUE**
[72] KIMENER, ROBERT PETER, US
[72] KIMENER, THOMAS TERRANCE, US
[72] WAHLSTROM, DANIEL, US
[71] MIDWEST INDUSTRIAL DOOR, INC., US
[22] 2011-05-19
[41] 2011-11-24
[62] 2,942,071
[30] US (61/346,143) 2010-05-19
[30] US (61/438,232) 2011-01-31

[21] **2,980,086**
[13] A1

[51] **Int.Cl. B62K 25/12 (2006.01) B62K 25/20 (2006.01) B62K 25/28 (2006.01) B62K 25/30 (2006.01)**

[25] EN
[54] **REAR SUSPENSION SYSTEM FOR BICYCLES**
[54] **SUSPENSION ARRIERE POUR BICYCLETTES**
[72] BUCKLEY, NOEL, CA
[71] BUCKLEY, NOEL, CA
[22] 2003-12-11
[41] 2005-06-11
[62] 2,453,046

[21] **2,980,417**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/00 (2006.01) A01C 7/08 (2006.01)**

[25] EN
[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE CONDUITS POUR SYSTEME DE DISTRIBUTION PNEUMATIQUE D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-08-20
[41] 2014-07-09
[62] 2,823,917
[30] US (13/737,276) 2013-01-09

[21] **2,980,423**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/00 (2006.01) A01C 7/08 (2006.01)**

[25] EN
[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE CONDUITS POUR SYSTEME DE DISTRIBUTION PNEUMATIQUE D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-08-20
[41] 2014-07-09
[62] 2,823,917
[30] US (13/737,276) 2013-01-09

[21] **2,980,438**
[13] A1

[51] **Int.Cl. G06Q 50/08 (2012.01) G01S 19/09 (2010.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATION AND CORRELATION OF GIS DATA**
[54] **SYSTEME ET PROCEDE POUR L'INTEGRATION ET LA CORRELATION DES DONNEES GIS**
[72] TUCKER, NELSON P., US
[72] COLBY, DANIEL E., US
[72] FORSTER, PETER J. L., CA
[72] SLUSARENKO, WILLIAM S., CA
[71] PROSTAR GEOCORP, INC., US
[22] 2014-03-14
[41] 2014-09-15
[62] 2,846,173
[30] US (61/788416) 2013-03-15

[21] **2,980,567**
[13] A1

[51] **Int.Cl. E21B 7/00 (2006.01) E21B 21/08 (2006.01) E21B 47/06 (2012.01)**

[25] EN
[54] **ROTATING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE ROTATIF**
[72] HOYER, CAREL W., GB
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] JACOBS, MELVIN T., US
[72] WHITE, NICKY A., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2010-07-27
[41] 2011-01-31
[62] 2,711,621
[30] US (12/462,266) 2009-07-31

[21] **2,980,806**
[13] A1

[51] **Int.Cl. A61M 16/08 (2006.01) A61M 16/04 (2006.01) A61M 16/10 (2006.01)**

[25] EN
[54] **DEHUMIDIFYING CIRCUIT**
[54] **CIRCUIT DE DESHUMIDIFICATION**
[72] SMITH, DANIEL JOHN, NZ
[72] MILLAR, GAVIN WALSH, NZ
[72] POWELL, KEVIN BLAKE, NZ
[72] BALDWIN, DAVID PETER, GB
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2001-05-08
[41] 2001-11-10
[62] 2,934,358
[30] NZ (504439) 2000-05-10
[30] NZ (509041) 2000-12-20

[21] **2,980,813**
[13] A1

[51] **Int.Cl. B25B 11/02 (2006.01) F16B 7/08 (2006.01)**

[25] EN
[54] **SOCKET FUSION JIG**
[54] **ETABLI D'ASSEMBLAGE PAR FUSION A EMBOITEMENT**
[72] DONALDSON, PAUL JOHN, US
[72] MEADOWS, GREGORY C., US
[71] MCELROY MANUFACTURING, INC., US
[22] 2013-08-02
[41] 2014-02-13
[62] 2,881,359
[30] US (61/680,173) 2012-08-06
[30] US (13/886,975) 2013-05-03

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[21] **2,980,815**

[13] A1

[51] **Int.Cl. B25B 11/02 (2006.01) F16B 7/08 (2006.01)**

[25] EN

[54] **SOCKET FUSION JIG**

[54] **ETABLI D'ASSEMBLAGE PAR FUSION A EMBOITEMENT**

[72] DONALDSON, PAUL JOHN, US

[72] MEADOWS, GREGORY C., US

[71] MCELROY MANUFACTURING, INC., US

[22] 2013-08-02

[41] 2014-02-13

[62] 2,881,359

[30] US (61/680,173) 2012-08-06

[30] US (13/886,975) 2013-05-03

[21] **2,980,906**

[13] A1

[51] **Int.Cl. E21B 33/04 (2006.01) E21B 19/02 (2006.01) E21B 19/06 (2006.01)**

[25] EN

[54] **WELL MULTIPLE CASING INSTALLATION SYSTEM**

[54] **SYSTEME D'INSTALLATION DE TUBAGE DE Puits MULTIPLE**

[72] MILLER, DAVID M., US

[71] MILLER, DAVID M., US

[22] 2014-03-13

[41] 2015-02-26

[62] 2,846,363

[30] US (13/987,729) 2013-08-26

[21] **2,981,025**

[13] A1

[51] **Int.Cl. G01V 3/165 (2006.01) B64D 3/00 (2006.01)**

[25] FR

[54] **AIRBORNE PLATFORM FOR AIRCRAFT, COMPRISING ATTITUDE CORRECTING MEANS, AND ASSOCIATED TOW HITCH ASSEMBLY**

[54] **PLATEFORME AEROPORTEE POUR AERONEF COMPORTANT DES MOYENS CORRECTEURS D'ASSIETTE ET ATTELAGE ASSOCIE**

[72] GIORDANA, ALEXIS, FR

[71] ACTION COMMUNICATION, FR

[22] 2014-02-28

[41] 2015-12-17

[62] 2,939,693

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BAUM, JAMES A.	2,868,815	BIOVERATIV THERAPEUTICS INC.	2,522,859	BREIDENBACH, VINCENT SEAN	2,892,032
BAUMANN, M. DOUGLAS	2,703,807	BIRD, DYLAN HILMER	2,796,586	BREIT, JOSEPH S.	2,876,637
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		BLACKER, RICK	2,605,589	BROWN, PATRICK	2,898,702
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		BLASE, GUNTER	2,831,666	BRUHN, STEFAN Y.	2,900,354
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KIM, JINPIL	2,834,046	KRAGH, KARSTEN MATTHIAS	2,749,190	LEARJET INC.	2,836,641
KIM, KWANSUK	2,834,046	KRAJEWSKI, MICHAEL P.	2,675,058	LECART, SANDRINE	2,831,013
KIM, KYUNG YONG	2,855,777	KRAKOWKA, MANUEL	2,750,689	LEDDARTECH INC.	2,691,138
KIM, KYUNGHO	2,834,046	KRAMB, JAN-PETER	2,782,555	LEE, BYUNGJOO	2,890,327
KIM, SANG MIN	2,855,777	KRAMER, LORENZ	2,779,979	LEE, CHIE YING	2,723,579
KIM, SANGHYUN	2,834,046	KRAPP, MICHAEL	2,770,881	LEE, HYUN SAM	2,853,240
KIM, SEONG BONG	2,868,796	KRAUS, ROBERT G.	2,842,754	LEE, JIN HO	2,855,777
KIMBERLY-CLARK WORLDWIDE, INC.	2,742,904	KRAVITZ, ANDREW S.	2,908,920	LEE, JOONHUI	2,834,046
KIMBERLY-CLARK WORLDWIDE, INC.	2,777,842	KREMOSER, CLAUS	2,839,357	LEE, KUO-HSIUNG	2,847,971
KING, JERRY A.	2,849,522	KRIKSUNOV, LEO B.	2,775,323	LEE, KWANG HO	2,813,211
KINGSLEY, ALAN ROSS	2,904,664	KRUGER, ALBERT W.	2,761,961	LEE, NATHAN	2,849,522
KINOSHITA, SEIJI	2,911,588	KRULEVITCH, PETER	2,753,139	LEE, RICK	2,911,408
KINZEL, OLAF	2,839,357	KSB AKTIENGESELLSCHAFT	2,775,123	LEE, WOOKBONG	2,890,327
KIRBY, GLEN HAROLD	2,745,635	KU, JIE	2,786,929	LEEMHUIS, JAMES RICHARD	2,854,012
KIRKPATRICK, JOE	2,917,152	KUCKELMAN, JEFFREY ALAN	2,807,788	LEHTONEN, TIMO	2,756,373
KIRSCH, ANDREAS	2,851,951	KUECHLER, SEBASTIAN	2,714,913	LEI, CATHY	2,827,854
KISSLING ELEKTROTECHNIK GMBH	2,747,360	KUGIZAKI, RODNEY	2,882,508	LEMME, CHARLES D.	2,882,508
KITAGAWA, JUNICHI	2,901,209	KUKKONEN, JARI-JUKKA	2,788,065	LEMPIDAKIS, EMMANOUIL	2,880,770
KITAYAMA, MASATO	2,802,483	KUMAR, ARUNESH	2,891,220	LEMPIDAKIS, IOANNIS	2,880,770
KITCHEN, WILLIAM J.	2,835,433	KUMAR, PRADEEP	2,755,832	LEMPIDAKIS, MICHAIL	2,880,770
KITTA, TAKEHIRO	2,913,293	KUO, SHENG-CHU	2,847,971	LERDAHL, ROBERT G.	2,766,733
KITTREDGE, RYAN	2,840,026	KURARAY CO., LTD.	2,911,588	LESCOCHE, PHILIPPE	2,822,932
KIYOKAMI, HIROAKI	2,921,716	KURIHARA, TAKUYA	2,906,488	LETAS, HEINZ-HERMANN	2,861,955
KLAR, ULRICH	2,768,407	KUROKI, HIROSHI	2,862,997	LEVY, RAPHAEL E.	2,801,626
KLEINSASSER, KEVIN J.	2,675,058	KUSHIDA, TOSHIHIKO	2,720,059	LEWIS, GEORGE STEVEN	2,684,487
KLUGE, STEFAN	2,858,769	KUWAYAMA, SHINJIRO	2,855,047	LEWIS, JOHN F.	2,737,935
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KNIGHT, MICHAEL	2,896,768	KVERNELAND GROUP LES LANDES GENUSSON S.A.S.	2,896,785	LEWIS, RICHARD PAUL	2,742,904
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KNOPF, HANS-PETER	2,709,894			LEWIS, W. LARRY	2,764,144
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LG ELECTRONICS INC.	2,895,065	LOUISE, SEBASTIEN	2,761,096	MASKALY, JAMES P.	2,837,880
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LI, HUANQIU	2,761,961	LUCAS, CHAD	2,767,375	MASTERCARD INTERNATIONAL INCORPORATED	2,755,832
LI, JI	2,850,695	LUCIANO, WILLIAM	2,763,311	MASTITIS MANAGEMENT TOOLS, INC.	2,774,913
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LI, LEILEI	2,850,695	LUMINEX CORPORATION	2,796,586	MATSUI, NAOTO	2,843,676
LI, QINGFENG	2,773,370	LUMPKIN, DANNY DAVID	2,892,032	MATSUMOTO, MICHIIKO	2,940,181
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LI, TIANWEI	2,930,196	LUNDBERG, JON	2,678,093	MATSUZAWA, MASATO	2,888,593
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LIFECCELL CORPORATION	2,623,666	MACHLER, MEINRAD K. A.	2,897,359	MCCONWAY & TORLEY, LLC	2,831,276
LIFESCAN, INC.	2,753,139	MACKLIS, JEFFREY	2,813,211	MCCOOL, ROBERT	2,756,692
LIFFRING, MARK EUGENE	2,849,584	MACLACHLAN, NIGEL JAMES	2,653,696	MCCORMICK, CAROLINE	2,779,368
LIFSCHITZ, LIORA	2,690,616	MACLEAN, IAN	2,896,144	MCCORMICK, LORNA	2,779,368
LIM, SOOYEOL	2,770,583	MACLEOD, DARRIN	2,812,798	MCCORMICK, PATRICK	2,779,368
LIM, SUNG CHANG	2,855,777	MACLLWAIN, JOHN	2,738,508	MCCUSKER, J. DANIEL	2,842,754
LIN, HUANGHSIUNG	2,827,455	MACNEIL, LEVI	2,938,534	MCDOUGALL, MICHAEL	2,896,144
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LIND, SOEREN OEMANN	2,795,982	MAEDA METAL INDUSTRIES, LTD.	2,720,059	MCGUINNESS, LIAM	2,816,632
LINDE AKTIENGESELLSCHAFT	2,782,849	MAEDA ROAD CONSTRUCTION CO.,LTD	2,914,206	MCGUINNESS, STEVEN THOMAS	2,787,306
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LINDENSTRUTH, VOLKER	2,729,390	MAKI, BRIAN G.	2,865,732	MCMASTER UNIVERSITY	2,763,989
LINDLEY, JACOB R.	2,878,338	MALEK, NISAR	2,729,188	CMILLEN, RICHARD G.	2,831,276
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LINDOFF, BENGT	2,791,145	MALINOVSKIY, ALEXEY	2,919,910	MCNEIL-PPC, INC.	2,712,160
LIPHATECH	2,788,441	MAMMOTH MUG INC.	2,917,152	MCNEIL-PPC, INC.	2,775,323
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LIU, KEYI	2,838,284	MARDON, GREGORY SCOTT	2,956,890	MEDINE, GAVIN M.	2,876,234
LIU, LU	2,890,264	MARKHAM, RICHARD	2,631,299	MEDIZINISCHE HOCHSCHULE HANNOVER	2,729,188
LIU, SHENGYI	2,876,637	MARLOW, CAMERON ALEXANDER	2,854,369	MEDIZINISCHE HOCHSCHULE HANNOVER	2,783,938
LIU, WEI	2,763,456	MARSHALL, CHRIS	2,896,144		
LIU, WEIBIN	2,850,695	MARTEL, GUY	2,836,426		
LIU, XILIN	2,869,177	MARTIG, THOMAS H.	2,864,205		
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LOCKHART INDUSTRIES, INC.	2,711,412	MARTIN, MICHAEL A.	2,897,359		
LOCKHART, GREGORY L.	2,711,412	MARTIN, R. STEVEN	2,729,865		
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LOFTUS, JAMES E.	2,697,223				
LOGAN, AARON W.	2,895,530				
LOGAN, JUSTIN C.	2,895,530				
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LOHNEIS, PAUL E.	2,809,629				
LOHSE, UWE	2,907,940				

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MEIER, KEVIN C.	2,888,552	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,888,593	MYSTIC PHARMACEUTICALS, INC.	2,887,187
MEIKO MASCHINENBAU GMBH & CO. KG	2,700,112	MITSUBISHI HITACHI POWER SYSTEMS, LTD.	2,894,926	NABORS DRILLING TECHNOLOGIES USA, INC.	2,891,740
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MEISSNER, RAFAEL	2,570,195	MIU, RICHARD	2,803,323	NAGAFUCHI, NAOYUKI	2,894,926
MELAS, IOANNIS	2,880,770	MOCHIDA, TETSUO	2,899,293	NAGANO, HARUKI	2,907,913
MELDAL, MORTEN	2,746,699	MOCHINAGA, KAZUHIRO	2,816,434	NAGATA, KIYOKAZU	2,867,104
MELINIOTIS, ANDREAS	2,816,632	MODIG, TOBIAS	2,694,944	NAIK, VIJAY M.	2,717,098
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MENIVAL, HELENE	2,739,773	MOELLER, CARSTEN	2,768,407	NAKAI, YOSHIKI	2,719,358
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MENUEY, JUSTINE	2,792,518	MOEN, HELEN KATHLEEN	2,777,842	NAKAMURA, YOSHINARI	2,867,104
MENZ, GREGORY MICHAEL	2,741,659	MOHAMMED, ABDUL RASHEED	2,932,428	NAKANE, SHINICHIRO	2,897,918
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MERIAL, INC.	2,784,141	MONROS, SERGE V.	2,915,059	NAKAYAMA, SHIGERU	2,950,568
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MEYER, WALTER	2,623,330	MOOG INC.	2,866,820	NATIONAL CHENG KUNG UNIVERSITY	2,822,024
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HOLDINGS I, LLC	2,846,152	SZULC, ZDZISLAW M.	2,742,866	THE BOEING COMPANY	2,849,584
STURMAN, ERIC J.	2,868,815	SZYMANSKI, GRACE E.	2,881,774	THE BOEING COMPANY	2,852,432
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SUEHIRO, RYUICHI	2,900,111	TAFESSE, LAYKEA	2,846,463	THE BOEING COMPANY	2,864,205
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SUN, YANLING	2,853,523	TAKIUE, KOTARO	2,796,362	CORPORATION	2,813,211
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SUNCOR ENERGY INC.	2,884,849	TANAKA, KAZUNA	2,762,772	TORONTO	2,703,807
SUNNY DELIGHT		TANAKA, RICHARD K.	2,712,160	THE HONG KONG	
BEVERAGES CO.	2,769,715	TAPPEINER, HANS	2,882,099	POLYTECHNIC	
SUNNYBROOK RESEARCH		TASAKA, KAZUHIKO	2,907,913	UNIVERSITY	2,769,150
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BARBAROUX, ROMAIN	2,927,033	CHIANG, CHUN-YI	2,926,487	FELDMANN, KEVIN ROBERT	2,962,644
BARRAL, JEROME	2,963,035	CHIANG, CHUN-YI	2,926,498	FEVRE, ANNA-KATHRINE	2,963,670
BASHURA, IANA	2,926,520	CHIASSON, JACQUES	2,964,403	FISCHER, MANUEL	2,960,349
BAUMANN, TIM	2,961,500	CLARIS, CHRISTOPHE	2,963,136	FLITSCH, FREDERICK A.	2,962,457
BEESON, PETER C.	2,962,173	COCHRANE, MICHAEL	2,963,813	FLITSCH, FREDERICK A.	2,962,459
BEGGS, ROBERT D.	2,964,086	COGI, MATTEO	2,960,513	FORTERRA PIPE & PRECAST, LLC	2,964,579
BELANGER, JULIEN J. B.	2,926,907	COMPOSITE ADVANTAGE LLC	2,964,134	FOSTER, CHASE HAROLD	2,957,076
BELDEN CANADA INC.	2,963,902	CONOCOPHILLIPS COMPANY	2,964,602	FOX FACTORY, INC.	2,964,058
BERGERON, SIMON	2,964,403	CORMAN, FRANCOIS	2,963,557	FRATARCANGELI, FRANCESCO	2,926,280
BERGLUND, TOMAS	2,962,067	CORWIN, LARRY GENE JR.	2,964,248	FUTURE POWER LTD.	2,926,673
BERUBE, GERVAIS	2,926,928	CORWIN, LARRY GENE, JR.	2,963,627	GAID, ABDELKADER	2,963,127
BEYERL, TOM	2,964,547	CORWIN, LARRY GENE, JR.	2,964,811	GASKA, JOHN	2,963,568
BINGHAM, JILL PAISLEY	2,962,553	CRACIUNOIU, AURELIA	2,963,682	GASKA, JOHN	2,963,572
BIORIGINAL FOOD & SCIENCE CORP.	2,927,186	CRADDOCK, MICHAEL	2,926,921	GE AVIATION SYSTEMS LLC	2,962,641
BIOSENSE WEBSTER (ISRAEL) LTD.	2,962,413	CROWDER, WILLIAM	2,963,347	GE AVIATION SYSTEMS LLC	2,962,663
BIOSENSE WEBSTER (ISRAEL) LTD.	2,962,460	CROWDSTRIKE, INC.	2,961,695	GE AVIATION SYSTEMS LLC	2,962,669
BLAKELY, GEORGE	2,963,133	CURE MEDICAL, LLC	2,954,568	GEISSLER, MATTHIAS	2,963,795
BLAKELY, GEORGE	2,963,141	DAHMS, PETER	2,961,509	GENERAL ELECTRIC COMPANY	2,962,644
BLAKELY, GEORGE	2,963,144	DANGROW, JOE	2,964,086	GENERAL ELECTRIC COMPANY	2,962,647
BLUCHE, THEODORE DAMIEN	2,963,808	DARSES, PATRICK	2,963,035	GENERAL ELECTRIC COMPANY	2,962,666
BOECKER, PATRICK	2,961,500	DASHWOOD, TIMOTHY	2,927,046	GENERAL ELECTRIC COMPANY	2,962,673
BOTZER, LIOR	2,962,413	DASSAULT AVIATION	2,963,035	GEORGIEV, GEORGI Y.	2,967,954
BRAZELL, KENNETH M.	2,961,090	DAVIES, STEPHEN	2,963,766		
BREMER, MATTHIAS	2,926,482				
BRENNAN, JOHN	2,963,627				

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GERKES, MARTIN DANIEL	2,927,168	CONSUMER INC.	2,961,868	MARTIN, JEFF THOMAS	2,962,690
GHOSHAL, SUBHASIS	2,927,200	JOHNSON & JOHNSON		MARUYAMA, TAKAHIRO	2,964,092
GIL COBA, JENNIFER		VISION CARE, INC.	2,962,457	MATSUYAMA, SHIN	2,964,092
LORENA	2,963,646	JOHNSON & JOHNSON		MCALPIN, WARWICK	2,963,630
GILBRIDE, MATTHEW I.	2,961,995	VISION CARE, INC.	2,962,459	MCCRACKEN, ROBERT E.	2,961,090
GILGER, ERIC	2,964,207	KERR, STEW	2,962,007	MCGIE, PETER	2,926,420
GLATFELTER, JOHN W.	2,962,565	KERR, STEW	2,962,012	MCGIE, PETER	2,942,708
GLOBAL HEAT TRANSFER		KIM, HEUNG-MOOK	2,963,920	MCGOWAN, JAMES CONNOR	2,926,673
ULC	2,963,568	KIRK, JOHN BRYANT	2,963,906	MCKECHNIE, SIMON	2,963,630
GLOBAL HEAT TRANSFER		KNIGHT, BENJAMIN	2,942,596	MCNABB, WILLIAM MARCUS	2,961,221
ULC	2,963,572	KNIGHT, PETER	2,962,641	MENKARIOS, EMAD	2,926,497
GOODRICH ACTUATION		KNIGHT, PETER ROBIN	2,962,669	MERCHANT, NEIL	2,962,460
SYSTEMS LIMITED	2,963,766	KOLBE & KOLBE MILLWORK		MERCIER, PAUL D., SR.	2,964,131
GREENE, MICHAEL E.	2,962,007	CO., INC.	2,964,547	MIBFELDT, PETER	2,961,509
GREENE, MICHAEL E.	2,962,012	KOMOCKI, DAVID	2,962,173	MID-WEST METAL	
GRENIER, JEAN-FRANCOIS	2,961,789	KORNEGAY, BRANDON	2,942,596	PRODUCTS CO., INC.	2,962,007
GRITTI, PAOLO	2,960,514	KULCHYTSKY, Y.		MID-WEST METAL	
GUNTHER		VLADYSLAV	2,928,757	PRODUCTS CO., INC.	2,962,012
HEISSKANALTECHNIK		KUTER, TIMO	2,961,509	MILLER, BRANDON WAYNE	2,962,647
GMBH	2,961,812	KWON, SUN-HYOUNG	2,963,920	MILLER, BRANDON WAYNE	2,962,666
GUNTHER, HERBERT	2,961,812	L'HERAULT, PATRICK	2,963,961	MILLER, RICHARD C.	2,963,906
GUZMAN, JULIO JAVIER	2,926,520	LAGMAN, C. ERIC	2,961,090	MILLS, JIM A.	2,964,602
HALL, KENNETH J.	2,961,988	LALANCETTE, JEAN-MARC	2,927,033	MIN, SUNGWOO	2,962,460
HANCHETT ENTRY SYSTEMS		LARSON, FRED	2,964,579	MOGA, CORINA	2,963,827
INC.	2,964,811	LAUGHLIN, BRIAN DALE	2,962,565	MOHLMAN, BRIAN K.	2,961,995
HANCHETT ENTRY SYSTEMS,		LAURMARK ENTERPRISES,		MOORE, ROBERT ERIK	2,964,058
INC.	2,963,627	INC.	2,961,988	MOORHEAD, BRIAN	2,963,906
HANCHETT ENTRY SYSTEMS,		LEE, JAE-YOUNG	2,963,920	MORAN, THOMAS JOSEPH	2,952,685
INC.	2,964,248	LEMIEUX, DAVID	2,927,033	MORAN, THOMAS JOSEPH	2,952,690
HANES, DAVID J.	2,963,898	LEVEL 3 COMMUNICATIONS,		MORENKO, OLEG	2,961,789
HARKNESS, WILLIAM		LLC	2,963,347	MOSIER, MARTY R.	2,926,851
ANTHONY	2,958,877	LEWIS, ROBERT W.	2,963,627	MOULLEM, SAHAR	2,963,758
HARKNESS, WILLIAM		LIM, BO-MI	2,963,920	MUNTEAN, FELICIAN	2,962,056
ANTHONY	2,958,890	LIPSTONE, LAURENCE	2,963,347	MURRAY, STEVEN	2,926,485
HARRELL, LAWRENCE, IV	2,963,627	LIU, TIANSHU	2,963,665	NABORS DRILLING	
HARVEY, DEAN	2,963,906	LIU, YAN-FEI	2,963,665	TECHNOLOGIES USA,	
HAZEL, WILLIAM	2,926,488	LOCATELLI, EMILIO		INC.	2,959,266
HECK, KENNETH W.	2,926,457	BATTISTA	2,960,514	NATIONAL RESEARCH	
HEINZLMEIR, DANNY M.	2,945,216	LOCKRIDGE, MICHAEL		COUNCIL OF CANADA	2,963,795
HENDRICKS, BILL	2,963,630	DAVID	2,959,266	NB PORTALS, LLC	2,963,538
HENDRICKSON, DENIS		LOFF, ANDREW K.	2,964,134	NEPTUNE TECHNOLOGY	
PATRIC	2,926,673	LOMBARDI, DAVID	2,959,914	GROUP INC.	2,963,898
HIGH SEE LABS LTD.	2,964,343	LOMBARDO, DAVID W.	2,961,995	NEWTON, CHRISTOPHER	2,963,347
HINTZ, SCOTT	2,964,547	LOTEY, IQBAL	2,963,568	NIERGARTH, DANIEL ALAN	2,962,647
HJORTH, DEREK	2,963,568	LOTEY, IQBAL	2,963,572	NIERGARTH, DANIEL ALAN	2,962,666
HJORTH, DEREK	2,963,572	LUCCI, ROBERT M.	2,964,091	NOLLEY, DAVID J.	2,962,007
HOA, XUYEN DAI	2,963,795	LUTZ, ANDREW DAVID	2,952,685	NOLLEY, DAVID J.	2,962,012
HORI, TETSUO	2,964,066	LUTZ, DAVID ANDREW	2,952,690	NOVOZYMES A/S	2,963,670
HUANG, ANNIE	2,926,943	MACKELVIE, WINSTON	2,927,158	O'RAHILLY, MICKY A.	2,964,086
HUBBARD, DAVID	2,963,902	MACKENZIE, GORDON	2,963,758	OHI, TAKU	2,961,090
HUGGINS, MARK	2,961,090	MAMALOUKAS, JASON LEE	2,962,690	OSHIMA, KEIJIRO	2,964,066
HUYNH, NGOC L.	2,964,538	MANDAVA, CHAKRAPANI	2,959,266	OWNER REVOLUTION INC.	2,930,957
INGENICO GROUP	2,963,536	MANEY, DAVID	2,963,630	OZEM, HAYLEY	2,961,789
J.P. SAUER & SOHN		MARCHILDON, LOUIS-		OZOMAX INC.	2,926,658
MASCHINENBAU GMBH	2,961,509	FREDERIC	2,963,961	OZOMAX INC.	2,963,529
JAHANSHAHI, ALIREZA	2,927,231	MARIE-ROSE, STEPHANE	2,963,646	PALMER, TIMOTHY A.	2,954,568
JANG, SEONG RYONG	2,936,596	MARINE POLLUTION		PANSERI, RICCARDO	2,960,513
JANTA, MOJRA	2,963,795	CONTROL		PAPROSKI, RICHARD	2,963,129
JAY, DARIK	2,964,811	CORPORATION	2,926,488	PARK, SUNG-IK	2,963,920
JENKINS, J. LUKE	2,961,090	MARRINAN, PATRICK		PARKER, THOMAS W.	2,964,086
JERABEK, ANDREW	2,926,921	MICHAEL	2,962,647	PATURI, JYOTSNA	2,961,868
JLG INDUSTRIES, INC.	2,961,995	MARRINAN, PATRICK		PEARSON, MATTHEW	2,964,579
		MICHAEL	2,962,666	PENG, BOB	2,963,568

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PENNY TECHNOLOGIES S.A R.L.	2,957,076	STARK, LOTHAR	2,960,349	VITTUR, BRANDON	2,963,758
PENNY, JACK DANIEL	2,961,845	STEPHENSON, ERIC	2,949,409	VONDRELL, RANDY M.	2,962,647
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PERKINS, ANDREW LOGAN	2,962,690	STRUTT, JOHN	2,942,708	VRINTEN, PATRICIA	2,927,186
PINARD, LUDOVIC	2,963,646	STUCCHI, MARCO	2,960,513	W.S. TYLER CANADA LTD.	2,926,482
PLEASANTS, PARKE	2,961,090	STUDCO AUSTRALIA PTY LTD	2,963,630	WAID, GORDON	2,963,133
POIRIER, ROBERT	2,959,914	SUGARCRM INC.	2,928,757	WAID, GORDON	2,963,141
POWER BOX AG	2,963,813	SWIFT BUILDING SERVICES, LLC	2,961,845	WAID, GORDON	2,963,144
PRATT & WHITNEY CANADA CORP.	2,961,789	SYNCRUDE CANADA LTD. IN TRUST FOR THE		WANGARI-TALBOT, JANET	2,961,868
PREUS, MICHAEL	2,961,090	OWNERS OF THE		WATSON, BRUCE	2,930,957
PUGH, RANDALL B.	2,962,457	SYNCRUDE PROJECT AS		WEBSTER, ZACHARY DANIEL	2,962,644
PUGH, RANDALL B.	2,962,459	SUCH OWNERS EXIST		WEFLEN, DARRYL	2,964,126
PURDY, ARLAN	2,963,906	NOW AND IN THE		WENDLING, DAVID	2,927,217
PUSZKIEWICZ, IGNACY	2,961,995	FUTURE	2,963,129	WERNER CO.	2,964,086
QIU, XIAO	2,927,186	TAKEUCHI, TOMOYA	2,964,066	WERNER, JOHN H.	2,964,086
RAFFUZZI, MIRCO ARMANDO	2,963,799	TAKEV, DIETER	2,926,482	WHITMIRE, J. PORTER	2,961,090
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REINHOLD, TIM	2,961,509	THE BOEING COMPANY	2,952,690	WILSON, MICHAEL ALLEN	2,963,898
REIVER, ROBERT E.	2,963,538	THE BOEING COMPANY	2,955,737	WINTEC KOREA INC.	2,936,596
REYES-MORENO, CARLOS	2,926,928	THE BOEING COMPANY	2,958,877	WONG, FIONA	2,963,347
RICHARD S. BURNS & COMPANY, INC.	2,964,227	THE BOEING COMPANY	2,958,890	WOOD, DENNIS	2,926,490
ROBERTS, HERBERT CHIDSEY	2,962,673	THE BOEING COMPANY	2,962,553	WOODWARD, STEVE	2,964,086
ROEMAR, INC.	2,959,914	THE BOEING COMPANY	2,962,565	WU, GUOHAI	2,927,186
ROLLS-ROYCE CORPORATION	2,963,827	THE HOSPITAL FOR SICK CHILDREN	2,926,943	WU, STEVEN	2,962,460
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SALA, JOHN EUGENE	2,963,898	THERMOS L.L.C.	2,964,092		
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SALAMA, AMIR	2,963,529	TOMITA, MAKOTO	2,964,066		
SALAMA, MARIANNE	2,926,658	TONER, ADAM	2,962,457		
SALAMA, MARIANNE	2,963,529	TONER, ADAM	2,962,459		
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SCHNELL, TORSTEN	2,961,812	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2,961,221		
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ADAMIAN, VICTOR A.	2,962,622	CORPORATION	2,980,591	BANDLA, SUDHEER	2,980,971
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H.	2,976,542	RESOURCES		BARBERA, VINCENZINA	2,962,327
ADAMSKI, ROBERT PAUL	2,962,271	CORPORATION	2,980,774	BARDOT, CHRISTOPHE	2,981,639
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AFL TELECOMMUNICATIONS		ARASE, HISASHI	2,981,422	FRUTUOSO	2,981,078
LLC	2,981,516	ARAXES PHARMA LLC	2,981,530	BASF CORPORATION	2,975,108
AFYREN	2,977,438	ARCELLX, INC	2,981,616	BASF CORPORATION	2,975,394
AGBIOME, INC.	2,981,088	ARIANEGROUP SAS	2,975,641	BASF CORPORATION	2,976,083
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AGRIVIDA, INC.	2,981,500	ARRIS ENTERPRISES LLC	2,977,680	BATCHELDER, JEFF	2,980,927
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AIZMAN, IRINA	2,981,523	ASADA, HIROSHI	2,981,418	BEATTY, PHILLIP J.	2,981,658
AJINOMOTO CO., INC.	2,981,234	ASHBY, LYLE DEE	2,980,705	BECKERDITE, JOHN	2,981,042
AJINOMOTO CO., INC.	2,981,277	ASHFAQ, MOHAMMAD		BEDDOES, PAUL	2,981,007
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AKEBIA THERAPEUTICS, INC.	2,981,176	ASHWELL, SUSAN	2,961,807	BEINAT, EURO	2,980,767
AL-HOKAYEM, PETER	2,976,011	ASHWELL, SUSAN	2,961,811	BENDEICH, MANUEL	2,976,988
ALANI, ADAM	2,981,614	ASHWELL, SUSAN	2,961,817	BENNETT, MARK K.	2,981,499
ALBERGANTI, GIACOMO	2,980,682	ASKIJIAN, ARMEN	2,981,169	BEREND, KEITH R.	2,980,744
ALEXANDER, STEFAN	2,976,898	ASKIJIAN, ARMEN	2,981,170	BEREND, MICHAEL E.	2,980,744
ALEXANDER, STEFAN	2,976,903	ASKIJIAN, ARMEN	2,981,172	BERGERON, CHRISTOPHER G.	2,981,059
ALLEN, ALEXANDER G.	2,981,505	ASKIJIAN, ARMEN	2,981,180	BERNIER, MARTIN	2,981,343
ALLEN, AUSTIN E.	2,981,505	ASSI, MILANJOT SINGH	2,980,528	BERRO, FABRICE	2,980,939
ALLEN, JEFFREY K.	2,981,505	ATOSSA GENETICS INC.	2,981,301	BERRO, FABRICE	2,980,941
ALMUHANA, ARAM SHIHAB		AU, KELVIN KAR KIN	2,981,184	BERSE, MICHAEL	2,975,015
KHALEEL	2,980,716	AU, KELVIN KAR KIN	2,981,355	BETANCOURT, AIMESTHER	2,962,597
ALP HAVACILIK SANAYI VE		AUDONNET, JEAN-		BETHKE, GREGORY KENT	2,962,271
TICARET ANONIM		CHRISTOPHE	2,962,225	BEZENCON, CYRILLE	2,981,329
SIRKETI	2,981,149	AXELROD, MICHAEL A.	2,981,061	BHAMRA, INDER	2,961,740
ALP HAVACILIK SANAYI VE		AXELROD, MICHAEL A.	2,981,074	BHARGAVA, NIKHIL	2,980,705
TICARET ANONIM		AXON ENTERPRISE, INC.	2,977,139	BIDAN, CATHERINE	2,961,866
SIRKETI	2,981,151	AYTON, SCOTT	2,981,533	BIER, CHRISTIAN	2,974,468

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ALEXANDER	2,980,668	BRUHAT, JEAN-FREDERIC		CARRERAS, CHRIS	2,981,189
BINDER + CO AG	2,977,116	PIERRE JOSEPH	2,980,688	CARRIER, JULIEN	2,981,343
BINDER, JOSEPH B.	2,961,585	BULLOCK, MARK A.	2,980,563	CARROLL, CIAN SEAMUS	2,976,692
BINDER, JOSEPH B.	2,962,605	BUNKER, KEVIN DUANE	2,981,055	CARTER, KEVIN	2,981,318
BINDER, JOSEPH B.	2,962,614	BUNNELLE, WILLIAM H.	2,961,413	CARTIVA, INC.	2,981,061
BINDER, JOSEPH B.	2,962,622	BURGET, JOHN	2,981,605	CARTIVA, INC.	2,981,064
BIOATLA, LLC	2,977,687	BURKE, JOHN T.	2,981,167	CARTIVA, INC.	2,981,074
BIOMED VALLEY		BURKE, MARTIN D.	2,981,288	CASTILLO, GREGORIO	2,976,714
DISCOVERIES, INC.	2,961,609	BURNETTE, ANDREW D.	2,961,516	CATAFORD, PAUL	2,981,212
BIOMET MANUFACTURING,		BURNS, MARVIN D.	2,976,787	CATERPILLAR INC.	2,980,720
LLC	2,980,744	BUSCHMANN, WAYNE	2,981,034	CATTANEO, DAMIANO	2,975,573
BIPCO-SOFT R3 INC.	2,975,965	BUSH, ASHLEY IAN	2,981,533	CAVALIER, GRANT STEVEN	2,980,475
BIRO, JOSHUA M.	2,976,779	BUSSMANN, RAINER	2,976,393	CCS TECHNOLOGY, INC.	2,975,994
BISCHER, LUIGINO	2,976,759	BUTLER, SUSAN E	2,977,443	CEDDIA, MICHAEL	2,961,378
BISWAS, PREETHA	2,977,542	BYNDON, LARRY T.	2,981,029	CELLIER, DOMINIQUE	2,961,866
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BLACK, STEVEN	2,962,214	BZYMEK, KRZYSZTOF P.	2,981,504	CHANDORKAR, GURUDATT	
BLACKBERRY LIMITED	2,981,537	CADERA, JASON	2,976,542	AJAY	2,981,176
BLASS, OSCAR J.	2,980,930	CADOGAN, DAVI PHILLIP	2,981,290	CHANEZ, PHILIPPE	2,980,794
BLISTEX INC.	2,981,606	CAE INC.	2,981,338	CHANG, CHIEN-HSING	2,981,543
BLUEBUS	2,981,639	CAE INC.	2,981,350	CHANG, HWAI WEN	2,977,687
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UNIVERSITY AND		CAI, SUIXIONG	2,981,627	CHARCOSSET, PHILIPPE	2,975,496
AGRICULTURAL AND		CAIAZZA, NICKY C.	2,977,271	CHASKO, STEPHEN	2,977,761
MECHANICAL COLLEGE	2,981,057	CALIFORNIA INSTITUTE OF		CHEHAYEB, SAM	2,980,776
BODELL, MICHAEL	2,981,271	TECHNOLOGY	2,981,041	CHELAN, INC.	2,975,934
BOICE, MICHAEL HENRY	2,981,304	CALIS, JOHANNES IGNATIUS		CHEMETALL GMBH	2,976,006
BOLANOS, EDUARDO	2,980,776	MARIA	2,979,709	CHEN, CHENG	2,977,153
BOLLSTROM, ROGER	2,976,717	CALITHERA BIOSCIENCES,		CHEN, CHIEH-I	2,961,389
BOLWIG, GERT MADS	2,961,097	INC.	2,981,499	CHEN, ELIZABETH P.	2,981,330
BONNAUD, THIERRY	2,981,046	CALVERT, CHRIS	2,977,761	CHEN, HERMAN	2,962,597
BONNAUD, THIERRY	2,981,048	CALVERT, SCOTT	2,980,896	CHEN, JINHUI	2,981,197
BONNAUDET, VERONIQUE	2,977,318	CALVERT, SCOTT	2,980,897	CHEN, MEI WEI	2,981,518
BONS, PETER	2,976,006	CAMBROOKE		CHEN, WANSHI	2,977,154
BORDEGNONI, STEFANO	2,976,177	THERAPEUTICS, INC.	2,981,045	CHEN, WANSHI	2,977,284
BOUDZIDI, LAZIZ	2,981,087	CAMOZZI, CARLOS ROBERTO	2,961,097	CHEN, YI-WEN	2,981,185
BOUGRI, OLEG	2,981,500	CAMPBELL, ANN-MARIE	2,961,793	CHENARD, BERTAND L.	2,961,412
BOUILLOT, ANNE MARIE		CAMPBELL, ANN-MARIE	2,961,807	CHERIAN, GEORGE	2,977,583
JEANNE	2,961,745	CAMPBELL, ANN-MARIE	2,961,811	CHEUNG, DEXTER CHI LUN	2,980,522
BOUKALIDIS, CRISTO	2,976,851	CAMPBELL, ANN-MARIE	2,961,817	CHEUNG, DEXTER CHI LUN	2,980,528
BOUTHEGOURD, JEAN-		CAMPBELL, JEAN	2,981,474	CHIANG, YU-WEI	2,962,225
CHRISTOPHE	2,977,603	CAMPBELL-CRAWFORD,		CHIBA, TAKETO	2,981,134
BOUZIDI, LAZIZ	2,981,082	MATTHEW HOWARD		CHO, KI JOON	2,977,621
BOUZIDI, LAZIZ	2,981,109	JAMES	2,962,326	CHOI, SANG-IL	2,975,108
BOWMAN, BRIAN PAYTON	2,981,521	CANADY, JOHN WESLEY	2,977,040	CHOI, SANG-IL	2,975,394
BOYANAPALLY, SRILATHA	2,980,716	CANDESANT BIOMEDICAL	2,977,124	CHRISTANDL, DIETER	2,980,786
BOYLE, PATRICK DEVIN	2,980,594	CANFIELD, DOUGLAS JOHN	2,981,455	CHRISTANDL, JOSEF	2,980,786
BP CORPORATION NORTH		CARAVELLA, JUSTIN		CHUGAL SEIYAKU	
AMERICA INC.	2,961,585	ANDREW	2,961,793	KABUSHIKI KAISHA	2,980,992
BP CORPORATION NORTH		CARAVELLA, JUSTIN		CHUNG, HYUNSUN	2,981,107
AMERICA INC.	2,962,605	ANDREW	2,961,807	CIAVARELLA, NICK E.	2,980,563
BP CORPORATION NORTH		CARAVELLA, JUSTIN		CINIELLO, FRANCESCO	2,976,177
AMERICA INC.	2,962,614	ANDREW	2,961,811	CITTERIO, ATTILIO	2,962,327
BP CORPORATION NORTH		CARAVELLA, JUSTIN		CITY OF HOPE	2,981,504
AMERICA INC.	2,962,622	ANDREW	2,961,817	CLAWSON, RONALD W., JR.	2,981,132
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BRANTING, ANDREW J.	2,981,330	TECHNOLOGIES, INC.	2,974,835	CLEAN CHEMISTRY, INC.	2,981,034
BRETAUDEAU, LAURENT	2,977,318	CARLISLE FLUID		CLEAR INC.	2,981,574
BRIDGES, JOHN	2,977,443	TECHNOLOGIES, INC.	2,976,787	CLETY, NATHALIE	2,977,603
BRIGHAM, KRAIG M.	2,976,218	CARMEL, AVIV	2,981,225	CLOUGH, NORMAN E.	2,976,817
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COBB, JAMES D., III	2,981,482	DEGOTT, PIERRE	2,980,858	EAST CAROLINA UNIVERSITY	2,977,153
COFFEY, BRENDAN	2,976,088	DEGRADO, WILLIAM F.	2,981,371	EAST, RAY	2,980,894
COLE, IVAN STUART	2,981,071	DEGROOT, MICHAEL HENDRIK	2,980,927	EATON CORPORATION	2,976,895
COLLEGE, DAVID ALAN	2,977,370	DEISINGER, THOMAS	2,977,177	EATON, MATTHEW LUCAS	2,981,518
COLLINS, CINDY	2,981,518	DEL GIUDICE, GIUSEPPE	2,962,214	ECOLAB USA INC.	2,981,178
COMAU S.P.A.	2,976,177	DEL-GALLO, PASCAL	2,976,280	ECOLAB USA INC.	2,981,181
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,962,542	DELLA PRIA, LUCA	2,976,759	ECOLAB USA INC.	2,981,279
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,981,071	DENINGER, DANIEL A.	2,981,443	ECP ENTWICKLUNGSGESELL SCHAFT MBH	2,980,950
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	2,980,666	DENISON, ANDY E.	2,981,474	EGAMI, KOSUKE	2,980,888
COMPARAT, SOLENE	2,980,939	DENNER, JOHN E.	2,981,486	EHRNSPERGER, BRUNO JOHANNES	2,977,085
COMPARAT, SOLENE	2,980,941	DENTSPLY SIRONA INC.	2,980,684	EIDE, TERJE	2,980,536
CONAGEN INC.	2,977,541	DESCHENES, DAVID MARK	2,981,658	ELSAMAHY, TAMER	2,981,609
CONGER, CHAD	2,981,485	DESHPANDE, JAYANT	2,981,437	ELSOHLY, MAHMOUD	2,981,465
CONNOLLY, RICHARD J.	2,981,474	DESHPANDE, JAYANT	2,981,438	ENABLE INJECTIONS, INC	2,980,585
CONSTELLIUM ISSOIRE	2,962,580	DESHPANDE, SACHIN G.	2,981,163	ENANTA PHARMACEUTICALS, INC.	2,981,503
CONSTELLIUM ISSOIRE	2,962,587	DESPLAND, CLAUDE-ALAIN	2,980,858	ENDO, SHIGERU	2,980,985
COOMBES, BENJAMIN LESLIE	2,980,668	DESPOIS, AUDE	2,981,329	ENGIP LLC	2,981,448
CORNISH, KIM	2,981,195	DEVARAPALLI, RAVALI	2,981,271	EPSTEIN, ALAN L.	2,981,142
CORTECHS LABS, INC.	2,981,349	DEVINE, JACK	2,976,895	EPSTEIN, ALAN L.	2,981,143
COSTO, ROBERT JAMES, JR.	2,980,859	DEVITO, ANTHONY W.	2,976,513	EPSTEIN, ALAN L.	2,981,166
COTE, PIERRE LUCIEN	2,976,542	DEVORET, MICHEL	2,981,493	ERCA	2,976,282
COUP, THIERRY	2,980,594	DEWALD, PAUL	2,975,831	ERICSSON, ANNA	2,961,793
CRAIG, ROBERT A.	2,981,041	DICKERSON, BRYAN	2,980,591	ERICSSON, ANNA	2,961,807
CRANE & CO., INC.	2,976,218	DIEBOLD, R. BRUCE	2,961,793	ERICSSON, ANNA	2,961,811
CRC FOR MENTAL HEALTH LTD	2,981,533	DIEBOLD, R. BRUCE	2,961,807	ERICSSON, ANNA	2,961,811
CROWLEY, CHRISTOPHER THOMAS	2,980,576	DIEBOLD, R. BRUCE	2,961,811	ERICSSON, ANNA	2,961,817
CUBIC CORPORATION	2,976,373	DIEBOLD, R. BRUCE	2,961,817	ESPENSEN, MAX	2,961,422
CUBIC CORPORATION	2,976,375	DIGGINS, MATTHEW	2,981,607	ETH ZURICH	2,977,295
CUBIC CORPORATION	2,980,603	DIMITROV, DIMITER S.	2,961,609	ETTE, ENE IKPONG	2,981,176
CURLEY, BEN JOHN	2,980,668	DIXON, ARTHUR E.	2,981,348	EVANS, ALAN F	2,975,042
CUTLER, KENNETH A.	2,981,132	DO, ALEXANDRA	2,980,774	EVANS, ALICIA JERRAM HUNTER	2,980,522
CYTLIMIC INC.	2,981,468	DOARE-BROUX, KARINE	2,977,603	EVANS, ALICIA JERRAM HUNTER	2,980,528
DA SILVA CORREIA, JEAN	2,981,520	DOBI, ALBERT L.	2,981,188	EVESTRA, INC.	2,981,173
DAANEN, JEROME F.	2,961,413	DOBROSKI, DANIEL DAVID	2,981,174	EVONIK DEGUSSA GMBH	2,962,044
DADKHAH, MAHYAR	2,976,373	DODGE, RICHARD N.	2,976,512	EVOQUA WATER TECHNOLOGIES LLC	2,981,007
DADKHAH, MAHYAR	2,976,375	DODIC, NERINA	2,961,745	EXEL INDUSTRIES	2,975,496
DAI, PENG	2,981,503	DOI, SHUN	2,981,468	EXIQON A/S	2,977,439
DALGARD, CLIFTON	2,981,188	DOLMATCH, BART	2,975,391	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,980,893
DAMIANO, PATRICE	2,975,641	DONDEY, PHILIPPE	2,980,666	EYEKOR, LLC	2,981,021
DAMNJANOVIC, JELENA	2,977,284	DONOGHUE, CRAIG	2,961,740	EYER, MARK	2,981,629
DANISH WOOD TECHNOLOGY A/S	2,976,581	DOTZAUER, DAVID	2,981,178	EYSENSE GMBH	2,976,129
DARNELL, CARRIE ANN	2,981,154	DOTZAUER, DAVID	2,981,279	FALCK, KAI	2,961,107
DAUD, ADIL	2,981,049	DOW GLOBAL TECHNOLOGIES LLC	2,962,095	FALKENHAGEN, ERIC ALAN	2,981,069
DAVIDIAN, THOMAS	2,962,095	DOWNIE, SIMON	2,975,782	FAN, CHUNGPENG	2,961,389
DAVILA, LUIS ALBERTO	2,977,040	DRAPER, MARK	2,976,299	FARRELL, EUGENE MICHAEL	2,980,737
DAVIS, ALMIR D.	2,977,777	DRECO ENERGY SERVICES ULC	2,981,114	FARZANEH-FAR, RAMIN	2,981,176
DAVIS, NIGEL	2,976,856	DRVAR, ANTUN	2,962,344	FAUX, NOEL	2,981,533
DE FRANCE, ROBERT VICTOR	2,981,174	DU, XIA	2,968,142	FAWCETT, TIMOTHY JAMES	2,976,299
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		DUAN, HONGYAN	2,980,862	FEDRONIC, DOMINIQUE	2,977,428
		DUAN, HONGYAN	2,980,865	FELINE ENVIRONMENTAL ENRICHMENT DESIGN COMPANY, LLC	2,980,569
		DUBET, OLIVIER	2,976,280		
		DUFF DESIGN LIMITED	2,981,564		
		DUKES, SIMON	2,981,007		
		DUNCAN, MORVEN	2,975,573		
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FENEYROU, PATRICK	2,980,954	GALUSKA, PETER	2,981,361	GRAHAM, NEIL	2,961,389
FENG, JUN	2,981,530	GANE, PATRICK, A. C.	2,976,717	GRANGER, BRETT	2,981,503
FENG, SHULIN	2,961,378	GARCIA, ANTOINE	2,976,299	GRAPHIC PACKAGING	
FERGUSON, T. BRUCE, JR.	2,977,153	GARSHA, KARL	2,981,155	INTERNATIONAL, INC.	2,980,192
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EDWARD	2,977,301	GATTUPALLI, RAJESWAR R.	2,981,187	INTERNATIONAL, INC.	2,980,354
FESSOU, PHILIPPE, JACQUES		GE AVIATION SYSTEMS LLC	2,976,336	GRAVI FLOAT AS	2,981,140
PIERRE	2,980,688	GE OIL & GAS ESP, INC.	2,980,549	GREEN AUTOMATION	
FIEBIG, NILS-HENNING	2,976,702	GEISZLER, THEODORE D.	2,981,630	EXPORT OY	2,980,795
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FIELD, DANIEL W.	2,981,170	COMPANY	2,976,542	GREEN, ANDREW	2,981,007
FIELD, DANIEL W.	2,981,172	GENERAL ELECTRIC		GRIFFIS, JOSHUA W.	2,981,007
FIELD, DANIEL W.	2,981,180	TECHNOLOGY GMBH	2,976,299	GRISWOLD, JEFFREY	2,981,443
FINAN, CHRISTOPHER T.	2,981,013	GENERAL MILLS, INC.	2,981,361	GROSS, MATTHEW I.	2,981,499
FINISHING BRANDS UK LTD.	2,980,804	GENG, JUMIN	2,981,318	GROSS, STEPHEN M.	2,962,273
FINK, LUCIAN, ANDREJ	2,981,083	GENG, JUMIN	2,981,359	GROSSE, JOSHUA	2,981,212
FINMASON, INC.	2,981,268	GENOVESE, MARK	2,961,389	GROSSMAN, JAMES	2,981,169
FINNERTY, CAINE M.	2,975,831	GEORGIA TECH RESEARCH		GROSSMAN, JAMES	2,981,170
FISCHER, JASON EVEREST	2,975,934	CORPORATION	2,975,108	GROSSMAN, JAMES	2,981,172
FISHER & PAYKEL		GEORGIA TECH RESEARCH		GROSSMAN, JAMES	2,981,180
HEALTHCARE LIMITED	2,980,522	CORPORATION	2,975,394	GU, ZHOUYE	2,977,526
FISHER & PAYKEL		GERLACH, OLGA	2,976,083	GUAN, SHAN	2,981,608
HEALTHCARE LIMITED	2,980,528	GEYER, JAY D.	2,981,177	GUAN, SHAN	2,981,621
FISHER & PAYKEL		GHANAM, KHADIJA	2,981,437	GUANGDONG UNITED	
HEALTHCARE LIMITED	2,981,235	GHANAM, KHADIJA	2,981,438	INDUSTRIES FAR EAST	
FISHER, MICHAEL A.	2,980,576	GHAZIANI, NAVID OMIDVAR	2,981,324	CO., LTD	2,981,637
FLEMING, DAVID	2,980,705	GIACOMINI S.P.A.	2,980,682	GUENTHER, MATTHEW G.	2,981,518
FLIN, MATTHIEU	2,976,280	GIAMPIETRO, VITO ROBERTO	2,977,295	GUERNSEY, JONATHAN JEAN	2,974,835
FLINSPACH, MACK	2,981,336	GIERLACH, DOMINIKUS	2,980,964	GUGGER, ERIC T.	2,981,361
FLOREY, GUILLAUME	2,981,329	GIERLACH, DOMINIKUS	2,980,967	GUILLEMONT, MAXENCE	2,980,677
FLOUGEL, MATTHIAS	2,976,591	GILBERTSON, SARAH E.	2,981,181	GUL, WASEEM	2,981,465
FLYNN, JOHN A.	2,981,305	GINGRICH, SUSAN	2,981,045	GULAS, MICHAL	2,977,295
FONTEM HOLDINGS 1 B.V.	2,975,576	GIRON, WESLEY	2,981,615	GULATI, KAPIL	2,977,411
FORMA THERAPEUTICS, INC.	2,961,793	GIUSSANI, RICCARDO	2,981,407	GULLIVER, LAURENCE	2,980,528
FORMA THERAPEUTICS, INC.	2,961,807	GLATZER, MICHAEL J.	2,980,576	GUNNERSON, KORY A.	2,981,167
FORMA THERAPEUTICS, INC.	2,961,811	GLAXOSMITHKLINE		GUO, YUSHEN	2,981,627
FORMA THERAPEUTICS, INC.	2,961,817	INTELLECTUAL		GUPTA, SUDHIR KUMAR	2,980,716
FOX, PETER ALLEN	2,980,920	PROPERTY (NO.2)		GUSTAFSON, GARY	2,961,793
FP WIRELESS LLC	2,981,630	LIMITED	2,961,528	GUSTAFSON, GARY	2,961,807
FRANCIS, DEAN EDWARD	2,977,219	GLAXOSMITHKLINE		GUSTAFSON, GARY	2,961,811
FRANKEN, PIETER		INTELLECTUAL		GUSTAFSON, GARY	2,961,817
JOHANNES ANTONIUS	2,979,709	PROPERTY		H & M INNOVATIONS, LLC	2,981,597
FRANZEN, FELIX	2,980,823	DEVELOPMENT LIMITED	2,961,745	HAEGGSTROM, EDWARD	2,961,107
FREITAS, MARK	2,981,443	GLAXOSMITHKLINE		HAEMAIR LIMITED	2,975,042
FRESENIUS MEDICAL CARE		INTELLECTUAL		HAGEN, JAMES G.	2,981,120
HOLDINGS, INC.	2,977,695	PROPERTY		HAHNEL, MARCEL	2,976,988
FREY, GERHARD	2,977,687	DEVELOPMENT LIMITED	2,962,326	HALL, JEFFERSON ROBERT	2,981,174
FRISHMAN, ABE	2,981,451	GLOBALTECH		HALL, JOHN	2,975,391
FRITTS, ROBERT ERWIN, JR.	2,981,080	CORPORATION PTY LTD	2,981,335	HALLIBURTON ENERGY	
FROST, JENNIFER M.	2,961,413	GOJO INDUSTRIES, INC.	2,980,563	SERVICES, INC.	2,980,439
FRUNZIO, LUIGI	2,981,493	GOLDENBERG, DAVID M.	2,981,543	HALLIBURTON ENERGY	
FU, HONG	2,977,496	GOLDMAN, ERICK	2,981,046	SERVICES, INC.	2,980,455
FUJISAWA, GO	2,961,185	GOLDMAN, ERICK	2,981,048	HALLIBURTON ENERGY	
FUKUNAGA, SHINICHI	2,981,254	GOLDSCHMIDT, BENJAMIN		SERVICES, INC.	2,980,716
FULTON, R. SCOTT	2,980,741	SAMUEL	2,981,647	HALLIBURTON ENERGY	
FYFE, MATTHEW COLIN		GONZALEZ, JEREMY	2,980,794	SERVICES, INC.	2,980,859
THOR	2,961,870	GOOLSBY, CRAIG	2,981,330	HALLIBURTON ENERGY	
GAAL, PETER	2,977,284	GORMAN, RYAN SHANE	2,981,597	SERVICES, INC.	2,980,862
GABRIELSON, KURT	2,977,515	GOSKONDA, VENKAT	2,981,615	HALLIBURTON ENERGY	
GADDIES, LEE	2,981,417	GOUJON, BENEDICTE	2,980,875	SERVICES, INC.	2,980,865
GAIOTTI, DAVID	2,976,759	GRAF, UDO WERNER	2,977,040	HALLIBURTON ENERGY	
				SERVICES, INC.	2,980,874

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HAMMEL, DEVON BEAU	2,981,279	FREDERICK	2,976,898	IMPACT THERAPEUTICS, INC.	2,981,627
HANAN, JAY CLARKE	2,980,971	HOLLAND, LLOYD		INAI, MOTOYUKI	2,980,987
HANCOCK, ASHLEY B.	2,980,576	FREDERICK	2,976,903	INAI, MOTOYUKI	2,980,989
HANCOCK, ASHLEY PAUL	2,962,326	HOLLEY, ERIC	2,980,865	INGOLDBY, MICHAEL	
HANIF, HAKIMUDDIN	2,980,737	HOLM, CLAUS	2,976,581	GEORGE	2,980,576
HANNAS-DJEBBARA, ZAHIA	2,962,225	HOLYOAKE, BRUCE GORDON	2,980,522	INRIG, JULA KERN	2,981,176
HANSEN, HANS J.	2,981,543	HONDA, TATSURO	2,981,254	INSYS DEVELOPMENT	
HANSSON, ANDERS	2,976,588	HONEYWELL		COMPANY, INC.	2,981,615
HANWHA CHEMICAL		INTERNATIONAL INC.	2,961,961	INTEGRATED COMPOSITE	
CORPORATION	2,976,627	HONG, MINGZHI	2,981,079	PRODUCTS, INC.	2,976,444
HARDWICK, STEVE	2,977,488	HOOPER, JUSTIN RICHARD	2,974,835	INTENT SOLUTIONS, INC.	2,980,576
HARRIS, CHAD TYLER	2,981,658	HOOVEN, MICHAEL D.	2,980,585	INTERACTIVE	
HARTING ELECTRONICS		HOPKINS, CHAD DANIEL	2,981,055	INTELLIGENCE GROUP,	
GMBH	2,976,393	HORIKOSHI, KENGO	2,977,865	INC.	2,981,284
HARTMAN, CHARLOTTE		HORNE, DAVID	2,981,504	INTERCEPT	
SUZANNE	2,981,176	HORTIG, PHILIPP J.	2,980,927	PHARMACEUTICALS,	
HARTMAN, JAMES	2,977,761	HOWELL, JUSTIN A.	2,981,486	INC.	2,981,507
HARVEY, TIMOTHY GRAHAM	2,981,071	HOWES, SUSAN	2,981,417	IONESCU, BOGDAN	2,976,059
HATRIDGE, MICHAEL	2,981,493	HOYA LENS THAILAND LTD.	2,981,263	IORDACHE, LUCIAN	2,976,034
HAUSER, LAWRENCE M.	2,981,483	HU, PEISHENG	2,981,142	IOWA STATE UNIVERSITY	
HAWI, AMALE	2,981,625	HU, PEISHENG	2,981,143	RESEARCH	
HAWLEY, RONALD CLARE	2,976,444	HU, PEISHENG	2,981,166	FOUNDATION, INC.	2,977,215
HAYDEN, CHRISTOPHER S.	2,981,474	HUANG, HAO	2,976,336	IRAGAVARAPU, TAMMIRAJ	
HE, JING	2,981,503	HUANG, PETER QINHUA	2,981,055	KUMAR	2,981,310
HE, RENEE	2,980,549	HUANG, QINGPING	2,981,079	IRONWOOD	
HEALTH RESEARCH, INC.	2,981,618	HUANG, WEI-CHIAO	2,981,359	PHARMACEUTICALS,	
HEARTY, PAUL	2,981,629	HUANG, YIJUN	2,981,021	INC.	2,961,531
HEDBERG, KELLIE M.	2,981,189	HUANG, YU-WEN	2,981,185	ISHAY, ATTAR	2,981,587
HEDLUND, JOHAN	2,976,588	HUAWEI TECHNOLOGIES		ISHIDA, OSAMU	2,977,865
HEIDMANN, KURT	2,981,528	CO., LTD.	2,981,184	ISHIDA, TOMONOBU	2,980,886
HEIMAN, DANIEL F.	2,981,080	HUAWEI TECHNOLOGIES		ISHIKAWA, NOBUYUKI	2,980,985
HEJLEH, KHALED MUFID		CO., LTD.	2,981,355	ISHIZUKA, MASAYUKI	2,980,991
YOUSEF	2,981,335	HUAWEI TECHNOLOGIES		ISHIZUKA, MASAYUKI	2,980,996
HENDERSON, MEREDITH C.	2,981,347	CO., LTD.	2,981,376	ISHIZUKA, MASAYUKI	2,981,126
HENDRICKSON USA, L.L.C.	2,980,741	HUBBELL INCORPORATED	2,981,174	ISHTIAQ, FAISAL	2,977,680
HENSLER, ROBERT SEAN	2,981,597	HUBER, REINHOLD	2,977,116	IVRI, YEHUDA	2,981,070
HERMANS, SEBASTIAAN	2,980,767	HUBERT, ANTOINE	2,980,939	IWATSU, MASAFUMI	2,981,419
HERO BY DESIGN LLC	2,981,417	HUBERT, ANTOINE	2,980,941	IWAYANAGI, YUKI	2,980,992
HERRLINGER, KELLI	2,961,378	HUDDLESTON, MATTHEW J.	2,980,585	IYENGAR, RAJESH R.	2,961,531
HERTZOG, DANIEL NILS		HUDSON, CHARLES TAYLOR	2,980,720	JAASKELAINEN, MIKKO	2,980,439
FREDRIK	2,980,831	HUGHES, ANTHONY EWART	2,981,071	JAASKELAINEN, MIKKO	2,980,865
HEYER, TONI M.	2,974,962	HUGHES, MICHAEL		JACKELS, HANS ADOLF	2,977,085
HIGGINS, DANIEL R.	2,981,457	FRANKLIN	2,980,549	JACKSON, MEL CLINTON	2,977,219
HIGH VOLTAGE PARTIAL		HULL, KEN	2,981,472	JACKSON, MEL CLINTON	2,977,279
DISCHARGE LIMITED	2,981,407	HULSHOF, GERKO	2,980,927	JACKSON, MEL SAMUEL	2,977,219
HIGUCHI, YOSHINOBU	2,980,992	HURON TECHNOLOGIES		JACOBS, KENNETH MICHAEL	2,977,153
HILBERT, DAVID M.	2,981,616	INTERNATIONAL INC.	2,981,348	JACQUES, FRANCIS	2,981,338
HILL, MARK	2,976,158	HUSQVARNA AB	2,981,364	JAIKOW, ROMAN	2,976,591
HILPERT, CLIFFORD L.	2,981,448	HUYNH, HUU THINH	2,971,758	JAIN, MANISH	2,976,218
HILPERT, JEFFREY L.	2,981,448	HWANG, SUNGHO	2,977,621	JAMISON, DALE E.	2,980,874
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HINSBY, ANDERS		HYDROSMART		JARRY, PHILIPPE	2,962,580
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HIROKAWA, KEIKO	2,980,992	HYND, JOHN WILLIAM	2,961,516	JENOPTIK POLYMER	
HIRSCH, CHRISTIAN	2,974,468	I-SOLAR ENERGY CO., LTD.	2,980,699	SYSTEMS GMBH	2,976,591
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HOFER, ROBERT	2,980,786	IKEDA, NOBUHISA	2,981,161	JEONG, HONG-SIL	2,975,989
HOFFMAN, ANDREW J.	2,977,443	ILC DOVER LP	2,981,290	JEONG, HONG-SIL	2,975,991
HOFFMAN, GARY	2,977,426	IMERYS GRAPHITE &		JEONG, HONG-SIL	2,975,992
HOLCOMBE, SEAN	2,977,761	CARBON SWITZERLAND		JEONG, JUNHONG	2,977,621
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JOHNS, BRIAN ALVIN	2,961,528	TECHNOLOGY	2,980,920	L'ETUDE ET	
JOHNS, WILLIAM R	2,975,042	KING, CHARLES RICHTER	2,981,359	L'EXPLOITATION DES	
JOHNSON & JOHNSON		KING, DAVID J.	2,981,520	PROCEDES GEORGES	
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JOHNSON, ERIC T.	2,981,474	KISAKA, YOSHIKI	2,977,865	LAFLEUR, DAVID WILLIAM	2,981,616
JOHNSON, PHILIP S.	2,976,779	KISHIDA, KAZUKI	2,981,422	LAITRAM, L.L.C.	2,980,927
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JONES, TIMOTHY	2,961,185	KLEEMANN GMBH	2,980,823	LANCIA, DAVID R.	2,961,811
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KANEKO, AKIHISA	2,980,992	NARAYANA	2,981,168	LEE, KYOUNG IL	2,976,627
KANTHAK, JUSTIN	2,977,443	KOLLY, JOEL	2,976,810	LEE, MI JUNG	2,977,621
KANTOLA, JUHANA	2,980,795	KOMATSU LTD.	2,980,993	LEE, SHWU-MAAN	2,981,359
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KATOU, MANABU	2,981,419	KREAM, RICHARD M.	2,981,135	LEONARD, LAURA E.	2,981,187
KAVANAGH, KARI	2,981,513	KREAM, RICHARD M.	2,981,138	LEONARDI, GABRIELLA	2,962,327
KAVURI, VENKAIAH C.	2,981,461	KRINNINGER, MAXIMILIAN	2,980,964	LEPP, JAMES RANDOLPH	
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KIM, KISU	2,977,621	KUTZ, KRISTA	2,981,178	LI, SHI-YAN	2,977,541
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KIM, KYUNG-JOONG	2,975,991	KWAK, HEECHUN	2,977,621	LI, YUANJING	2,981,201
KIM, KYUNG-JOONG	2,975,992	KWAK, JANG YOUNG	2,976,627	LIANG, LI-SHIANG	2,981,007
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LU, WEI	2,961,793	MATUNAS, ROBERT	2,962,597	MITSUBISHI ELECTRIC	
LU, WEI	2,961,807	MAUGHAN, BENJAMIN	2,977,959	POWER PRODUCTS, INC.	2,981,047
LU, WEI	2,961,811	MAYERSHOFER, MARTIN	2,974,468	MITSUBISHI HEAVY	
LU, WEI	2,961,817	MAZULA, DEREK JOEL	2,976,444	INDUSTRIES, LTD.	2,980,884
LU, XIAO-CHUN	2,977,488	MC DONALD, PATRICIA	2,981,517	MIX, KALIE	2,981,510
LUCIS TECHNOLOGIES		MCCALLUM, ED	2,981,547	MIYAKAWA, TOMOYA	2,981,468
HOLDINGS LIMITED	2,981,608	MCCANTY, PATRICK		MIYAWAKI, YU	2,981,424
LUCIS TECHNOLOGIES		WILLIAM	2,976,083	MIYAZAKI, KEISUKE	2,981,419
HOLDINGS LIMITED	2,981,621	MCCARDLE, THOMAS A.	2,981,167	MOGAM INSTITUTE FOR	
LUDWIG, JAMES NOLAN	2,981,528	MCCORRISTON, TODD	2,981,602	BIOMEDICAL RESEARCH	2,977,621
LUKOWSKI, BENJAMIN	2,980,688	MCDONALD, BILLY JAMES	2,980,475	MOHS, THOMAS R.	2,981,279
LUO, DANDAN	2,981,318	MCDONALD, STEPHEN J.	2,975,576	MOLINA, SAMUELE	2,980,682
LUSTIG, JOSEPH	2,981,080	MCDOWELL, JAMES KERWIN	2,980,475	MOLINEAUX, CHRISTOPHER	2,981,499
LV, CHAO	2,968,142	MCFADYEN, STEPHEN	2,981,434	MOMTAHEN, TANYA MARIE	2,961,389
LV, LIANG	2,968,142	MCHALE, WILLIAM A.	2,962,273	MONASH UNIVERSITY	2,981,195
LYNCH, JAMES J.	2,981,059	MCHINTOSH, JOEL	2,981,371	MONSANTO TECHNOLOGY	
MA, JIANGLEI	2,981,184	MCKEOWN, MICHAEL R.	2,981,518	LLC	2,981,066
MA, JIANGLEI	2,981,355	MCMILLIAN, SAMUEL		MOON, JAEWOONG	2,981,059
MA, JIANGLEI	2,981,376	TRAVIS	2,980,455	MOORE, FREDERICK ALLEN	2,981,353
MACDONALD, GILLIES		MCNEIL, RAESHON LAMONT	2,981,597	MOORE, JOSHUA	2,976,898
ALEXANDER	2,980,859	MCVEEN, KEITH MICHAEL	2,980,594	MOORE, MARK W.	2,980,563
MACGREGOR, NORMAN J.	2,972,841	MEADOWS, ANDREW SCOTT	2,980,576	MOORE, RICHARD G.	2,981,068
MACHIDA, MASAOMI	2,980,993	MEBATSION, TESHOME	2,962,225	MOORE, WILLIAM D.	2,976,779
MAGDA, SEBASTIAN	2,981,349	MEDIATEK INC.	2,981,185	MORACH, MARION ESTHER	2,976,807
MAGIC LEAP, INC.	2,981,107	MEDINEERING GMBH	2,980,964	MORRIS, RUSSELL EDWARD	2,975,573
MAHAMUNI, NARESH	2,975,934	MEDINEERING GMBH	2,980,967	MORRISON, VANCE R.	2,976,898
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MAHDEVARI, ALI	2,981,087	MEDONCARE		MORROW, KENNEDY	2,981,488
MAHDEVARI, ALI	2,981,109	PHARMACEUTICAL CO.,		MOSER, PETER T.	2,981,163
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MAK, SIU WAI JACKY	2,980,781			MOHAMMAD R.	2,981,187
MALECH, HARRY	2,981,191			MOULIS, LAURE	2,961,866

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MOWER, WAYNE	2,975,391	NISSAN STEEL CO., LTD.	2,981,213	OWUSU-ADOM, KWAME	2,977,515
MOZOLA, MARK A.	2,977,542	NISSHIN STEEL CO.,LTD.	2,981,418	PADULA, ANDREW	2,980,764
MRP PARTICIPACOES EIRELI	2,981,548	NKT HV CABLES GMBH	2,976,588	PALMER, JASON	2,981,443
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MUELLER-SCHLOMKA, GORDON	2,975,994	NOK KLUEBER CO., LTD.	2,980,989	PAN, DIPANJAN	2,981,179
MULLER, RALF	2,976,129	NORMANDIN, IRENEE	2,975,965	PAN, FEIJIAN	2,981,637
MULLER-SIEBERT, REINHARD	2,976,807	NORTHEASTERN UNIVERSITY	2,981,004	PANACEA QUANTUM LEAP TECHNOLOGY LLC	2,981,226
MULLER-SIEBERT, REINHARD	2,976,810	NORTHWESTERN UNIVERSITY	2,961,604	PANDIT, AKSHAY	2,981,591
MULPURI, RAO	2,981,347	NOUAILLE, REGIS	2,977,438	PANICKER, SANDIP	2,981,321
MUNOZ GARCIA, ALBERTO	2,981,048	NOVADAQ TECHNOLOGIES INC.	2,981,353	PANISCOTTI, DOMINICK	2,981,511
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MYERS, MARJORIE KAY	2,977,370	NOWATSCHIN, STEPHAN	2,980,964	PARK, JAE CHAN	2,977,621
MYUNG, SE-HO	2,975,989	NOWATSCHIN, STEPHAN	2,980,967	PARK, YOUNG SEOUB	2,977,621
MYUNG, SE-HO	2,975,991	NTT ELECTRONICS CORPORATION	2,977,865	PARKS, JESSICA	2,981,088
MYUNG, SE-HO	2,975,992	NUCHOLS, RICHARD P.	2,980,585	PARKSIDE FLEXIBLES (EUROPE) LIMITED	2,976,158
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NAIR, HAREESH	2,981,173	NUCTECH COMPANY LIMITED	2,981,201	PATEL, TAPAN Y.	2,981,486
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NANOCELL LTD.	2,981,585	O'BRIEN, THOMAS	2,980,897	PATIENT, LEE	2,961,424
NANOFORM FINLAND OY	2,961,107	OGODA, SHINICHIRO	2,980,986	PATIL, ABHISHEK PRAMOD	2,977,583
NARAYAN, PRASANNA L.	2,977,427	OHYABU, NAOKI	2,981,419	PATIL, SHAILESH	2,977,411
NARINE, SURESH	2,981,082	OKAWA, TAKESHI	2,981,254	PATRICK, TIMOTHY J.	2,981,061
NARINE, SURESH	2,981,087	OLDFIELD, SAMANTHA DALE	2,980,522	PATRICK, TIMOTHY J.	2,981,064
NARINE, SURESH	2,981,109	OLDFIELD, SAMANTHA DALE	2,980,528	PATWARDHAN, TANUJA A.	2,977,230
NARLA, ANIRUDH	2,981,493	OLSON, KURT	2,981,045	PAULSEN, GARY A.	2,981,513
NASDAQ, INC.	2,981,511	OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED	2,981,437	PAYTON, MATTHEW JON	2,980,522
NATIONAL OILWELL DHT, L.P.	2,981,324	OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED	2,981,438	PAYTON, MATTHEW JON	2,980,528
NATURAL EXTRACTION SYSTEMS, LLC	2,981,590	OMY A INTERNATIONAL AG	2,976,717	PEDERSEN, STEVEN KRISTIAN	2,976,542
NEIDERMYER, RICHARD M.	2,981,284	ONCOSEC MEDICAL INCORPORATED	2,981,049	PEDICINI, CHRISTOPHER	2,981,042
NELSON, JOHN	2,977,542	ONCOSEC MEDICAL INCORPORATED	2,981,474	PEGORETTI, MARCOS	2,981,548
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NESTEC S.A.	2,977,603	ONE MEDIA, LLC	2,981,067	PELFREY, KEITH ALLEN	2,980,563
NEWPARK MATS & INTEGRATED SERVICES LLC	2,980,475	ONUMA, YASUHARU	2,977,865	PENG, HUA	2,981,201
NHK SPRING CO., LTD.	2,981,220	OPFLEX TECHNOLOGIES, LLC	2,980,899	PENG, ZHIYONG	2,977,153
NIAGARA BOTTLING, LLC	2,980,971	OPTIMEDICA CORPORATION	2,980,556	PENGUIN AUTOMATED SYSTEMS INC.	2,981,078
NICKISCH, KLAUS	2,981,173	OR, YAT SUN	2,981,503	PENLAND, JOE, JR.	2,980,896
NICOLAY, UWE	2,962,214	OREGON STATE UNIVERSITY	2,981,614	PENLAND, JOE, JR.	2,980,897
NIDEC MOTOR CORPORATION	2,976,779	ORLANDO, DAVID A.	2,981,518	PENLAND, RUSTIN	2,980,896
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NIEMAN, KRISTIN	2,961,378	ORPHAZYME APS	2,961,097	PERL, NICHOLAS	2,961,531
NINGBO NGP INDUSTRY CO., LTD.	2,976,731	ORTLEPP, HANS-GEORG	2,976,129	PERUZZO, GIADA	2,976,759
NIPPON PAPER INDUSTRIES CO., LTD.	2,981,239	OSAKA UNIVERSITY	2,981,420	PESSI, JENNI	2,961,107
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,980,889	OSAKA UNIVERSITY	2,981,422	PESSIOT, JEREMY	2,977,438
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,981,254	OSAKA UNIVERSITY	2,981,424	PESSIS, DAVID	2,980,737
NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2,977,865	OSBORNE, JOSEPH	2,981,071	PETER, MATTHIAS	2,961,604
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		OTA, SHUSAKU	2,980,985	PHAM, TRUNG	2,981,120
				PHARMACYCLICS LLC	2,981,046
				PHARMACYCLICS LLC	2,981,048
				PHILPOTT, RICHARD	2,975,934
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POUYLLAU, HELIA	2,980,875	REESE, DAVID E.	2,981,347	SAFRAN AIRCRAFT ENGINES	2,976,858
POWELL, KEVIN BLAKE	2,980,522	REGENERON PHARMACEUTICALS, INC.	2,961,389	SAFRAN AIRCRAFT ENGINES	2,980,688
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PRELI, DAVID	2,975,394	REID, TAYLOR ADDISON	2,981,455	SAFRAN CERAMICS	2,976,858
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PROST, LAURENT	2,976,280	RENNER, THOMAS	2,981,364	SAITO, TOMOHISA	2,980,992
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PROXIMAGEN LIMITED	2,961,424	RESTREPO, LUCAS	2,980,764	SALLOUM, DARIN	2,981,304
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QIAN, CHEN	2,981,197	REYMANN, STEFFEN	2,980,603	SAMSUNG ELECTRONICS CO., LTD.	2,975,992
QON INC.	2,981,580	REYNA, JUAN J.	2,980,717	SANBIO, INC.	2,981,523
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QUALCOMM INCORPORATED	2,977,284	RICHMOND, JOSHUA	2,981,434	SANDHU, GURDAS S.	2,961,516
QUALCOMM INCORPORATED	2,977,411	RICKS, SEAN	2,980,773	SANFORD HEALTH	2,977,396
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SCA HYGIENE PRODUCTS AB	2,981,245	SHEA, RYAN	2,962,622	SNSTECH, LLC	2,976,088
SCA HYGIENE PRODUCTS AB	2,981,249	SHEKHAR, PRASHANT	2,980,859	SOFIENKO, ANDRII	2,981,205
SCANIO, MARC	2,961,413	SHELBY, KEVIN A.	2,981,067	SOLOMONOV, INNA	2,981,585
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SCHHECKEL, MARIO	2,980,950	RESEARCH		SONY CORPORATION	2,981,228
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ROBERTUS	2,980,528	SHEN, SHIJI	2,977,443	KARINA	2,977,439
SCHIEFER, PATRIK	2,975,015	SHEPPARD, DEAN	2,981,371	SPAHR, MICHAEL E.	2,977,295
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LIMITED	2,981,632	SHINOZAKI, AKIRA	2,980,987	SPINLER, OLIVIER	2,980,666
SCHMID, MATHIEU	2,980,858	SHINOZAKI, AKIRA	2,980,989	SPOELHOF, MARK WILLIAM	2,981,528
SCHMIDT, HELGE	2,977,370	SHIONOGI & CO., LTD.	2,981,419	SPORER, MARK ANDREW	2,980,549
SCHNEIDER, DANIEL E.	2,981,592	SHORT, JAY M.	2,977,687	SPRAYING SYSTEMS CO.	2,981,513
SCHOELKOPF, JOACHIM	2,976,717	SHUDARK, JEFF	2,977,761	SRINIVAS, NELAMANGAL	
SCHOELKOPF, ROBERT J. III	2,981,493	SICPA HOLDING SA	2,980,858	KRISHNASWAMY	2,980,737
SCHOLLER, JEROME	2,980,958	SIEMENS		SRIVASTAVA, SHIV	2,981,188
SCHRAD, GREGORY J.	2,981,120	AKTIENGESELLSCHAFT	2,976,059	SRIVASTAVA, VANDITA	2,981,437
SCHUELE, GEORG	2,980,556	SIESS, THORSTEN	2,980,950	SRIVASTAVA, VANDITA	2,981,438
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SEKINO, MASAKI	2,981,420	SIMPSON, IAIN	2,961,424	STEFANO, GEORGE B.	2,981,135
SEKINO, MASAKI	2,981,424	SIMPSON, JUSTIN RYAN	2,980,668	STEFANO, GEORGE B.	2,981,138
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GMBH & CO. KG	2,976,702	ZHANG, LIQING	2,981,355
WYSS, FELIX IMMANUEL	2,981,284	ZHANG, XIAOYAN MICHELLE	2,961,609
XI, JIRUI	2,981,158	ZHANG, YANGTIAN	2,981,201
XIA, YOUNAN	2,975,108	ZHAO, KUN	2,981,201
XIA, YOUNAN	2,975,394	ZHAO, TAO	2,981,608
XIAO, CHEN	2,968,142	ZHAO, TAO	2,981,621
XIAO, WEIYUAN	2,968,142	ZHAO, YE	2,981,158
XIE, JIA	2,981,517	ZHAO, YUXIN	2,962,429
XIE, JUN	2,981,504	ZHENG, XIAOLAI	2,976,083
XING, XUECHAO	2,981,503	ZHENG, YANXIA	2,981,079
XU, HAO	2,977,154	ZHOU, RAPHAEL	2,977,899
XU, JIA	2,981,079	ZHU, MINGZHAO	2,981,472
XU, QINGHAO	2,981,336	ZHU, ZHONGYU	2,961,609
XU, ZHANPING	2,981,120	ZIH CORP.	2,980,767
XYLECO, INC.	2,981,059	ZIPF, CHRISTINE ELISABETH	2,977,085
YALE UNIVERSITY	2,981,493	ZOPPAS, MATTEO	2,976,759
YAMAGISHI, YASUAKI	2,981,228	ZST HOLDINGS, INC.	2,981,212
YAMAGISHI, YASUAKI	2,981,270	ZUFFELLATO, ANDREA	2,980,682
YAMAMOTO, KEITA	2,981,420		
YAMAMOTO, KEITA	2,981,424		

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ACTION COMMUNICATION	2,981,025	MCELROY	
ALEXANDER, GLENN DAVID	2,977,098	MANUFACTURING, INC.	2,980,815
BAILEY, THOMAS F.	2,980,567	MEADOWS, GREGORY C.	2,980,813
BALDWIN, DAVID PETER	2,980,806	MEADOWS, GREGORY C.	2,980,815
BARA, BARRY	2,975,145	MIDWEST INDUSTRIAL	
BAYANDORIAN, HOVIG	2,974,241	DOOR, INC.	2,980,075
BIOTIX, INC.	2,976,206	MIKULA, RANDY	2,975,145
BLASZCAK, PETER PAUL	2,976,206	MILLAR, GAVIN WALSH	2,980,806
BOSCH, HENDRIK JAN	2,977,953	MILLER, DAVID M.	2,980,906
BUCKLEY, NOEL	2,980,086	MOTADEL, ARTA	2,976,206
CACKA, JOSEPH W.	2,977,232	NADON, GILLES	2,976,080
CALLAHAN, SEAN MICHAEL	2,976,206	PACIFIC BIOSCIENCES OF	
CNH INDUSTRIAL AMERICA		CALIFORNIA, INC.	2,974,241
LLC	2,980,417	POWELL, KEVIN BLAKE	2,980,806
CNH INDUSTRIAL AMERICA		PRICKEL, MARVIN A.	2,980,417
LLC	2,980,423	PRICKEL, MARVIN A.	2,980,423
COLBY, DANIEL E.	2,980,438	PROSTAR GEOCORP, INC.	2,980,438
DALY, THOMAS J., JR.	2,976,712	QUINN, MICHAEL J.	2,977,232
DELFEI, SEAN	2,975,145	RICH, CHRISTOPHER	2,976,712
DONALDSON, PAUL JOHN	2,980,813	ROUWENDAL, GERARD	
DONALDSON, PAUL JOHN	2,980,815	JOHAN ADOLPH	2,977,953
EITEL, JOHANN EMIL	2,979,930	SALPIETRA, JOSEPH	
ELLIS FIBRE USA, LLC	2,977,098	ANTHONY	2,977,098
FISHER & PAYKEL		SCHAEDE, JOHANNES GEORG	2,979,930
HEALTHCARE LIMITED	2,980,806	SIEMER, AXEL	2,979,930
FLORACK, DIONISIUS		SILCOCK, MICHAEL D.	2,976,484
ELISABETH ANTONIUS	2,977,953	SLUSARENKO, WILLIAM S.	2,980,438
FOQUET, MATHIEU	2,974,241	SMITH, DANIEL JOHN	2,980,806
FORSTER, PETER J. L.	2,980,438	STICHTING DIENST	
GIORDANA, ALEXIS	2,981,025	LANDBOUWKUNDIG	
GOMEZ, CLARA	2,975,145	ONDERZOEK	2,977,953
HAIRFIELD, PHILLIP CHAD	2,976,206	SWAT MEDICAL AB	2,976,481
HANNEGAN, DON M.	2,980,567	SYNCRUDE CANADA LTD.	2,975,145
HARRIMAN, MATTHEW	2,977,828	THE BOEING COMPANY	2,976,484
HILL & SMITH LIMITED	2,977,828	TONKS, MARK	2,977,828
HOWE, CHRISTOPHER A.	2,976,484	TUCKER, NELSON P.	2,980,438
HOYER, CAREL W.	2,980,567	WAHLSTROM, DANIEL	2,980,075
JACOBS, MELVIN T.	2,980,567	WALLING, BRADFORD J.	2,976,536
JOHNSON, BRICE A.	2,976,484	WATER PIK, INC.	2,977,232
JOHNSON, CHAD M.	2,980,417	WEATHERFORD	
JOHNSON, CHAD M.	2,980,423	TECHNOLOGY	
JONSSON, AANDERS	2,976,481	HOLDINGS, LLC	2,980,567
KBA-NOTASYS SA	2,979,930	WELLS, STEVE	2,977,828
KIEL, DARWIN	2,975,145	WESTROCK PACKAGING	
KIMENER, ROBERT PETER	2,980,075	SYSTEMS, LLC	2,976,536
KIMENER, THOMAS		WHITE, NICKY A.	2,980,567
TERRANCE	2,980,075	WOODSTREAM	
KORLACH, JONAS	2,974,241	CORPORATION	2,976,712
LEBER, LELAND C.	2,977,232	ZHONG, CHENG FRANK	2,974,241
LUNDQUIST, PAUL	2,974,241		
MACDONALD, GRANT T.	2,980,417		
MACDONALD, GRANT T.	2,980,423		
MCELROY			
MANUFACTURING, INC.	2,980,813		