Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 147 No. 37 September 10, 2019 Vol. 147 No. 37 le 10 septembre 2019

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

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

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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.

Table of Contents
Table des matières

Notices
Avis 1

Canadian Patents Issued
Brevets canadiens délivrés 25

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public.....101

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale 115

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 187

Index of Canadian Patents Issued
Index des brevets canadiens délivrés 194

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public 207

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale 209

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 222

Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

2,756,839
2,789,909
2,791,771
2,794,154
2,796,502

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

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

2,756,839
2,789,909
2,791,771
2,794,154
2,796,502

2,817,119
2,819,469
2,851,200

2,817,119
2,819,469
2,851,200

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After February 19, 2019

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1730***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 19 février 2019

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1730 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$260**

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

* International fees will be reduced by:

- **$260** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$390** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **260 $**

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

* Les frais seront réduits de:

- **260 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

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

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

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

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

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

14. Correspondence Procedures

Publication date: May 10, 2017
Amendment date: June 17, 2019

On this page:

1. Physical Delivery of Correspondence and Written Communications to CIPO
2. Electronic Correspondence
3. Details Concerning the Electronic Formats Accepted
4. General Information
5. Time Period Extensions
6. Procedures in Case of an Unexpected Office Closure at CIPO
7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography

14. Procédures de correspondance

Date de publication : 10 mai 2017
Date de modification : 17 juin 2019

Sur cette page :

1. Remise physique de correspondance et communications écrites à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Prorogation des délais
6. Procédures en cas de fermeture imprévue des bureaux de l'OPIC
7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article

Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, 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

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

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.

3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, 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

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée 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 qui ne rencontre pas les 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 des frais devrait toujours être fourni 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 paiement des frais.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 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 Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) 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, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez

payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- 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, except statutory holidays

- Innovation, Science and Economic Development Canada
  Sun Life Building
  1155 Metcalfe Street, Room 950
  Montreal QC H3B 2V6
  Tel.: 514-496-1797
  Toll-free: 1-888-237-3037

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- 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, except statutory holiday

- 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, except statutory holidays

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1

prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée** et qu'**aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

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

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Édifice Sun Life
  1155, rue Metcalfe, bureau 950
  Montréal (Québec) H3B 2V6
  Tél. : 514-496-1797
  Sans frais : 1-888-237-3037

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- 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, à l'exception des jours fériés

- 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, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Library Square
  300, rue Georgia Ouest, pièce 2000
  Vancouver (C.-B.) V6B 6E1
  Tél. : 604-666-5000

Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

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 correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

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

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

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise 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 de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les

Regulations, subsection 10(3) 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 Trademarks, the Copyright Office, the Industrial Design 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 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

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

Correspondence delivered to the Commissioner of Patents 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.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au 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, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

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 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale, lorsque les bureaux de l’OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l’OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour ou l’OPIC l’a reçue (Heure de l’Est).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

2.1 Correspondance par télécopieur

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

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

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

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

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

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

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 by facsimile a document 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

La correspondance en couleur par télécopieur (modèle **:** Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

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 désignés, sera considérée comme n’ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d’une procédure d’opposition ou de radiation en vertu de l’article 45 de la Loi **ne seront pas acceptés** en raison des inconvénients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission 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'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d’un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin 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

Pour l’application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux

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

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 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks 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;
- registration of a trademark application;

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the

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

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

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

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

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux 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,
- l'enregistrement d'une marque de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'application web en ligne de la Commission des oppositions

Trademarks Opposition Board's online web application:

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

des marques de commerce.

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

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 communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Pour l'application 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, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- 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 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office 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

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant 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

Pour l'application 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, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Note: all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

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 application itself or amendment(s) thereof.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

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 contient des parties de la demande elle-même ou des

modifications relatives à la demande.

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

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

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

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

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

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

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

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

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-

R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

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 site using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

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

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

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

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

ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

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 des présentes 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

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

ASCII

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

- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

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

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l'application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la section 2.2 des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d'un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d'un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L'image numérisée/stockée devrait être dans une résolution d'au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

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

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Time Period Extensions

- Time period extensions under the Patent, Trademarks and Industrial Design Acts
- Time period extensions under the Copyright and Integrated Circuit Topography Acts
- Time period extensions under the Patent Cooperation

5. Prorogation des délais

- Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels
- Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés
- Prorogation des délais en vertu du le Traité de

Treaty
- Time period extensions under the Madrid Protocol and the Hague Agreement

coopération en matière de brevets
- Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;
- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1er janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;
- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le

(first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou règlementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including 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.

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé^MC, ou par Xpresspost^MC 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 relativement aux 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 period extensions 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

Prolongations de délais prévus au 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

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.

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.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the WIPO website.

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible sur le site web de l'OMPI.

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de

remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

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.

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 with respect to service interruptions on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means 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). 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 deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

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.

En situation d'urgence, les systèmes d'information et de recherche resteront, 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 situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre page d'interruptions des services, lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de 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 des présentes procédures de correspondance. Il est toujours possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA^MC^, Mastercard^MC^ ou American Express^MC^ ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'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.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec

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 to the public 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 Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks 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 is required in certain cases.

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

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

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 prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai 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 est exigé dans certains cas.

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
- Trademarks Act
- Trademarks 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
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 10, 2019 contains applications open to public inspection from August 25, 2019 to August 31, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 10 septembre 2019 contient les demandes disponibles au public pour consultation pour la période du 25 août 2019 au 31 août 2019.

Canadian Patents Issued

September 10, 2019

Brevets canadiens délivrés

10 septembre 2019

---

[11] **2,489,982**
[13] C
[51] **Int.Cl. C12P 7/64 (2006.01) A23D 9/00 (2006.01) A23D 9/02 (2006.01) A61K 8/92 (2006.01) A61K 31/20 (2006.01) A61K 31/232 (2006.01) C11B 1/10 (2006.01) C11C 1/00 (2006.01) C12N 1/00 (2006.01)**
[25] EN
[54] **PREPARATION OF MICROBIAL OIL-CONTAINING POLYUNSATURATED FATTY ACIDS**
[54] **PREPARATION D'ACIDES GRAS POLYINSATURES RENFERMANT DE L'HUILE MICROBIENNE**
[72] STREEKSTRA, HUGO, NL
[72] BROCKEN, PETRUS JOSEPH MARIA, NL
[73] DSM IP ASSETS B.V., NL
[85] 2004-12-17
[86] 2003-06-20 (PCT/EP2003/006552)
[87] (WO2004/009827)
[30] EP (02254262.5) 2002-06-19
[30] EP (02258713.3) 2002-12-18
[30] EP (03251169.3) 2003-02-26

---

[11] **2,536,873**
[13] C
[51] **Int.Cl. C07K 14/81 (2006.01) A61K 38/00 (2006.01) C07K 14/00 (2006.01) C07K 17/08 (2006.01) C12N 9/64 (2006.01) C12N 9/68 (2006.01)**
[25] EN
[54] **POLY-PEGYLATED PROTEASE INHIBITORS**
[54] **INHIBITEURS DE PROTEASE POLY-PEGYLEE**
[72] LADNER, ROBERT CHARLES, US
[72] LEY, ARTHUR C., US
[72] SATO, AARON K., US
[72] STOCHL, MARK, US
[73] DYAX CORP., US
[85] 2006-02-24
[86] 2004-08-30 (PCT/US2004/028257)
[87] (WO2005/021557)
[30] US (60/498,845) 2003-08-29
[30] US (60/598,967) 2004-08-04

---

[11] **2,594,001**
[13] C
[51] **Int.Cl. G06F 9/46 (2006.01) G01W 1/00 (2006.01)**
[25] EN
[54] **INTERACTIVE ADVISORY SYSTEM**
[54] **SYSTEME CONSULTATIF INTERACTIF**
[72] ROOT, MICHAEL R., US
[72] ROOT, STEVEN A., US
[73] LOCATOR IP, LP, US
[85] 2007-07-11
[86] 2006-01-12 (PCT/US2006/001029)
[87] (WO2006/076460)
[30] US (11/035,654) 2005-01-14

---

[11] **2,608,579**
[13] C
[51] **Int.Cl. C12N 7/02 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **SCALABLE FERMENTATION PROCESS**
[54] **PROCEDE DE FERMENTATION EXTENSIBLE**
[72] EMMERLING, MARCEL, CH
[72] HENNECKE, FRANK, CH
[72] PFRUENDER, HOLGER, CH
[72] RHIEL, MARTIN, CH
[72] STEINER, PHILIPP, CH
[73] KUROS BIOSCIENCES AG, CH
[85] 2007-11-15
[86] 2006-05-24 (PCT/EP2006/062628)
[87] (WO2006/125821)
[30] EP (05011416.4) 2005-05-26
[30] EP (05106729.6) 2005-07-21

---

[11] **2,632,685**
[13] C
[51] **Int.Cl. G06F 12/00 (2006.01)**
[25] EN
[54] **MULTI-STAGE MEMORY BUFFER AND AUTOMATIC TRANSFERS IN VEHICLE EVENT RECORDING SYSTEMS**
[54] **TAMPON MEMOIRE MULTI-ETAGES ET TRANSFERTS AUTOMATIQUES DANS DES SYSTEMES D'ENREGISTREMENT D'EVENEMENT POUR VEHICULE**
[72] PLANTE, JAMES, US
[73] SMARTDRIVE SYSTEMS, INC., US
[85] 2008-06-06
[86] 2006-12-07 (PCT/US2006/047029)
[87] (WO2007/067767)
[30] US (11/297,669) 2005-12-08

---

[11] **2,642,666**
[13] C
[51] **Int.Cl. H04L 12/18 (2006.01) H04L 12/803 (2013.01) H04L 12/953 (2013.01) H04L 12/16 (2006.01) H04N 21/20 (2011.01)**
[25] EN
[54] **METHOD, SYSTEM AND SOFTWARE PRODUCT FOR STREAMING CONTENT**
[54] **PROCEDE, SYSTEME ET PRODUIT LOGICIEL POUR TRANSMISSION DE CONTENU EN CONTINU**
[72] LIPKA, MARTIN, AU
[72] WINTER, DAVID, AU
[73] VIVIDAS TECHNOLOGIES PTY LTD, AU
[85] 2008-09-16
[86] 2007-02-13 (PCT/AU2007/000193)
[87] (WO2007/115352)
[30] AU (2006900685) 2006-02-13

[11] **2,689,268**
[13] C
[51] **Int.Cl. A61F 5/30 (2006.01) A61F 5/37 (2006.01) A61F 13/14 (2006.01)**
[25] EN
[54] **EQUIPEMENT FOR PREVENTING AND TREATING PELVIC ORGAN PROLAPSE**
[54] **DISPOSITIF POUR PREVENIR ET TRAITER UN PROLAPSUS D'ORGANE PELVIEN**
[72] MITSUI, KEIKO, JP
[72] SHIMADA, MAKOTO, JP
[73] WOMEN'S MEDICAL RESEARCH, INC., JP
[85] 2009-12-03
[86] 2008-06-04 (PCT/JP2008/060269)
[87] (WO2008/149887)
[30] JP (2007-149912) 2007-06-06

---

[11] **2,699,218**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 39/02 (2006.01) A61P 31/04 (2006.01) C12N 1/02 (2006.01) C12N 1/36 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **MYCOPLASMA BOVIS VACCINE**
[54] **VACCIN A MYCOPLASMA BOVIS**
[72] BECK, MICHAEL, US
[72] KNITTEL, JEFFREY, US
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[85] 2010-03-09
[86] 2008-10-29 (PCT/US2008/081545)
[87] (WO2009/058833)
[30] US (60/983,482) 2007-10-29
[30] US (61/075,552) 2008-06-25

---

[11] **2,709,192**
[13] C
[51] **Int.Cl. G01N 37/00 (2006.01) A61B 5/151 (2006.01) G01N 27/403 (2006.01) G01N 33/49 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **DIAGNOSTIC TEST STRIP HAVING FLUID TRANSPORT FEATURES**
[54] **BANDELETTE D'EPREUVE DIAGNOSTIQUE DOTEE DE PROPRIETES DE TRANSPORT DE FLUIDES**
[72] MONDRO, JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2709192)
[87] (2709192)
[22] 2010-07-08
[30] US (12/502,585) 2009-07-14

---

[11] **2,711,625**
[13] C
[51] **Int.Cl. G01F 1/74 (2006.01)**
[25] EN
[54] **WET GAS METERING USING A DIFFERENTIAL PRESSURE AND A SONAR BASED FLOW METER**
[54] **MESURE DE GAZ HUMIDE PAR PRESSION DIFFERENTIELLE ET DEBITMETRE A SONAR**
[72] GYSLING, DANIEL L., US
[73] EXPRO METERS, INC., US
[85] 2010-07-07
[86] 2009-01-09 (PCT/US2009/030584)
[87] (WO2009/089438)
[30] US (11/972,228) 2008-01-10

---

[11] **2,714,704**
[13] C
[51] **Int.Cl. E21B 1/14 (2006.01) E21B 6/02 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **WELLBORE PERCUSSION ADAPTER AND TUBULAR CONNECTION**
[54] **ADAPTATEUR A PERCUSSION POUR PUITS DE FORAGE ET RACCORD TUBULAIRE**
[72] COTE, BRADLEY R., CA
[73] NOV WORLDWIDE C.V., NL
[86] (2714704)
[87] (2714704)
[22] 2010-09-09
[30] US (61/266,462) 2009-12-03

---

[11] **2,723,038**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **CATHETER WITH HELICAL ELECTRODE**
[54] **CATHETER EQUIPE D'UNE ELECTRODE HELICOIDALE**
[72] GOVARI, ASSAF, IL
[73] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[86] (2723038)
[87] (2723038)
[22] 2010-11-30
[30] US (12/639,096) 2009-12-16

---

[11] **2,726,958**
[13] C
[51] **Int.Cl. G16H 20/00 (2018.01) G16H 15/00 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR WEIGHT, LIFESTYLE AND/OR DISEASE MANAGEMENT INTEGRATING NUTRITION, EXERCISE AND BEHAVIOUR MANAGEMENT**
[54] **SYSTEME, METHODE ET LOGICIEL DESTINES A LA GESTION DU POIDS, A LA GESTION DES HABITUDES DE VIE ET/OU A LA PRISE EN CHARGE D'UNE MALADIE EN AGISSANT SUR L'ALIMENTATION, SUR L'ACTIVITE PHYSIQUE ET SUR LE COMPORTEMENT**
[72] RUBY, JEFFREY, CA
[72] PERUSSE, LOUIS, CA
[72] HOOD, KARYN, CA
[72] BAMFORD, MARY, CA
[72] DUGOUA, JEAN-JACQUES, CA
[72] VANI, NATASHA, CA
[73] NEWTOPIA INC., CA
[86] (2726958)
[87] (2726958)
[22] 2011-01-07
[30] US (61/293,436) 2010-01-08

[11] **2,728,284**
[13] C
[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/00 (2006.01) A61K 38/26 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07K 14/72 (2006.01)**
[25] EN
[54] **GLUCAGON/GLP-1 RECEPTOR CO-AGONISTS**
[54] **CO-AGONISTES DU RECEPTEUR GLUCAGON/GLP-1**
[72] DIMARCHI, RICHARD D., US
[72] SMILEY, DAVID L., US
[72] DIMARCHI, MARIA, US
[72] CHABENNE, JOSEPH, US
[72] DAY, JONATHAN, US
[72] PATTERSON, JAMES, US
[72] WARD, BRIAN C., US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[85] 2010-12-16
[86] 2009-06-16 (PCT/US2009/047438)
[87] (WO2009/155258)
[30] US (61/078,168) 2008-07-03
[30] US (61/177,476) 2009-05-12
[30] US (61/073,269) 2008-06-17
[30] US (61/090,412) 2008-08-20

[11] **2,734,868**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6848 (2018.01) C40B 70/00 (2006.01)**
[25] EN
[54] **ASSAY METHODS FOR INCREASED THROUGHPUT OF SAMPLES AND/OR TARGETS**
[54] **PROCEDES DE DOSAGE POUR UN DEBIT AMELIORE D'ECHANTILLONS ET/OU DE CIBLES**
[72] MIR, ALAIN, US
[72] RAMAKRISHNAN, RAMESH, US
[72] UNGER, MARC, US
[72] ZIMMERMANN, BERNHARD G., US
[73] FLUIDIGM CORPORATION, US
[85] 2011-02-17
[86] 2009-08-26 (PCT/US2009/055083)
[87] (WO2010/027870)
[30] US (61/092,010) 2008-08-26
[30] US (61/098,621) 2008-09-19
[30] US (61/146,567) 2009-01-22

[11] **2,739,153**
[13] C
[51] **Int.Cl. A01N 37/22 (2006.01) A01N 37/24 (2006.01) A01N 43/08 (2006.01) A01N 43/32 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 43/78 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **USE OF CARBOXAMIDES ON CULTIVATED PLANTS**
[54] **UTILISATION DE CARBOXAMIDES SUR DES PLANTES CULTIVEES**
[72] GEWEHR, MARKUS, DE
[72] GLADWIN, ROBERT JOHN, DE
[72] LOGEMANN, JUERGEN, DE
[72] PUENTE, PILAR, DE
[72] STUIVER, MAARTEN HENDRIK, DE
[72] VOESTE, DIRK, DE
[73] BASF SE, DE
[85] 2011-03-31
[86] 2009-10-21 (PCT/EP2009/063781)
[87] (WO2010/046380)
[30] EP (08167079.6) 2008-10-21

[11] **2,740,873**
[13] C
[51] **Int.Cl. C07K 7/02 (2006.01) C07K 14/00 (2006.01) C07K 14/16 (2006.01)**
[25] EN
[54] **METHOD OF MAKING BIOLOGICALLY ACTIVE ALPHA-BETA PEPTIDES**
[54] **PROCEDE DE REALISATION DE PEPTIDES ALPHA-BETA BIOLOGIQUEMENT ACTIFS**
[72] HORNE, WILLIAM S., US
[72] GELLMAN, SAMUEL H., US
[72] JOHNSON, LISA M., US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2011-04-15
[86] 2009-10-14 (PCT/US2009/060659)
[87] (WO2010/045342)
[30] US (61/106,205) 2008-10-17
[30] US (61/229,325) 2009-07-29
[30] US (12/578,993) 2009-10-14

[11] **2,742,298**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/682 (2018.01) C12Q 1/6844 (2018.01) C07H 21/02 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHODS FOR DETECTING MODIFICATION RESISTANT NUCLEIC ACIDS**
[54] **PROCEDES DE DETECTION D'ACIDES NUCLEIQUES RESISTANT A UNE MODIFICATION**
[72] WEISSMAN, JONATHAN, US
[72] INGOLIA, NICHOLAS, US
[72] GHAEMMAGHAMI, SINA, US
[72] NEWMAN, JOHN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2011-04-29
[86] 2009-11-03 (PCT/US2009/063165)
[87] (WO2010/062775)
[30] US (61/110,921) 2008-11-03

[11] **2,746,751**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS TO FACILITATE CONNECTIONS TO ACCESS NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR FACILITER LES CONNEXIONS A DES RESEAUX D'ACCES**
[72] AHMAVAARA, KALLE, US
[72] GELLENS, RANDALL C., US
[72] TSIRTSIS, GEORGIOS, US
[72] HANDE, PRASHANTH, US
[72] GIARETTA, GERARDO, US
[72] MAHENDRAN, ARUNGUNDRAM C., US
[73] QUALCOMM INCORPORATED, US
[85] 2011-06-13
[86] 2009-12-11 (PCT/US2009/067629)
[87] (WO2010/074998)
[30] US (61/138,103) 2008-12-16
[30] US (12/634,645) 2009-12-09

[11] **2,748,974**
[13] C
[51] **Int.Cl. C12N 15/53 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MANIPULATION OF FLAVONOID BIOSYNTHESIS IN PLANTS**
[54] **MANIPULATION DE LA BIOSYNTHESE DES FLAVONOIDES CHEZ LES PLANTES**
[72] SPANGENBERG, GERMAN, AU
[72] SAWBRIDGE, TIMOTHY IVOR, AU
[72] ONG, ENG KOK, AU
[72] EMMERLING, MICHAEL, AU
[73] AGRESEARCH LIMITED, NZ
[73] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
[86] (2748974)
[87] (2748974)
[22] 2002-10-04
[62] 2,461,058
[30] AU (PR8113) 2001-10-05

---

[11] **2,749,532**
[13] C
[51] **Int.Cl. H04N 5/64 (2006.01) H04N 5/44 (2011.01)**
[25] EN
[54] **ELECTRONIC DISPLAY WITH MOUNT-ACCESSIBLE COMPONENTS**
[54] **AFFICHAGE ELECTRONIQUE A COMPOSANTS DE MONTAGE ACCESSIBLES**
[72] DUNN, WILLIAM R., US
[72] WILLIAMS, DAVID, US
[72] BEDELL, WARE, US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2011-07-07
[86] 2010-01-08 (PCT/US2010/020512)
[87] (WO2010/081011)
[30] US (61/143,189) 2009-01-08

---

[11] **2,750,991**
[13] C
[51] **Int.Cl. A01H 5/00 (2018.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/52 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CONTROL OF PLANT STRESS TOLERANCE, WATER USE EFFICIENCY AND GENE EXPRESSION USING NOVEL ABA RECEPTOR PROTEINS AND SYNTHETIC AGONISTS**
[54] **REGULATION DE LA TOLERANCE AU STRESS DES PLANTES, EFFICACITE D'UTILISATION DE L'EAU ET EXPRESSION GENETIQUE UTILISANT DE NOUVELLES PROTEINES DE RECEPTEURS D'ABA ET DE NOUVEAUX AGONISTES SYNTHETIQUES**
[72] CUTLER, SEAN R., US
[72] PARK, SANG-YOUL, US
[72] DEFRIES, ANDREW, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2011-07-27
[86] 2010-02-12 (PCT/US2010/024139)
[87] (WO2010/093954)
[30] US (61/207,684) 2009-02-13

---

[11] **2,751,564**
[13] C
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **PEN NEEDLE TO FACILITATE MANIPULATION BY USERS HAVING PHYSICAL OR VISUAL IMPAIRMENT**
[54] **AIGUILLE DE STYLET A MANIPULATION FACILITEE POUR UTILISATEURS AYANT UNE DEFICIENCE PHYSIQUE OU VISUELLE**
[72] HORVATH, JOSHUA, US
[72] GOLD, ADAM, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-04
[86] 2010-02-04 (PCT/US2010/000303)
[87] (WO2010/090733)
[30] US (61/150,678) 2009-02-06

---

[11] **2,754,274**
[13] C
[51] **Int.Cl. B65B 5/00 (2006.01) B65B 57/00 (2006.01)**
[25] EN
[54] **A CONTAINER FILLING MACHINE**
[54] **UNE MACHINE DE REMPLISSAGE DE CONTENANT**
[72] BASSANI, LORIS, CA
[73] COUNTLAB, INC., CA
[86] (2754274)
[87] (2754274)
[22] 2011-09-30

---

[11] **2,754,760**
[13] C
[51] **Int.Cl. H04H 60/23 (2009.01) H04H 20/31 (2009.01) H04L 9/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PAYLOAD ENCODING AND DECODING**
[54] **SYSTEME ET PROCEDE DE CODAGE ET DE DECODAGE DE CHARGE UTILE**
[72] LYNCH, WENDELL, US
[72] SMITH, RONALD, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2011-09-08
[86] 2010-03-09 (PCT/US2010/026589)
[87] (WO2010/104810)
[30] US (12/400,481) 2009-03-09

---

[11] ***2,756,839**
[13] C
[51] **Int.Cl. G06F 11/34 (2006.01) G06F 8/00 (2018.01) G06F 9/44 (2018.01)**
[25] EN
[54] **PROGRAMMATIC IDENTIFICATION OF ROOT METHOD**
[54] **IDENTIFICATION PROGRAMMATIQUE DE PROCESSUS RACINE**
[72] STOODLEY, MARK G., CA
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[86] (2756839)
[87] (2756839)
[22] 2011-11-02

[11] **2,757,287**
[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/19 (2006.01) A61K 38/21 (2006.01) A61K 39/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) C07K 14/47 (2006.01) C07K 14/565 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **CYTOKINES AND NEUROANTIGENS FOR TREATMENT OF IMMUNE DISORDERS**
[54] **CYTOKINES ET NEUROANTIGENES UTILISES DANS LE TRAITEMENT DE MALADIES IMMUNITAIRES**
[72] MANNIE, MARK D., US
[73] EAST CAROLINA UNIVERSITY, US
[85] 2011-09-29
[86] 2010-03-31 (PCT/US2010/029350)
[87] (WO2010/117848)
[30] US (61/165,367) 2009-03-31

[11] **2,758,479**
[13] C
[51] **Int.Cl. A23L 5/00 (2016.01) A23K 20/00 (2016.01) A23L 15/00 (2016.01) A23L 33/00 (2016.01) A23L 33/115 (2016.01) A23D 7/00 (2006.01) A23D 9/00 (2006.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01) C12N 1/12 (2006.01)**
[25] EN
[54] **NOVEL MICROALGAL FOOD COMPOSITIONS**
[54] **NOUVELLES COMPOSITIONS ALIMENTAIRES A BASE D'ALGUES**
[72] BROOKS, GEOFFREY, US
[72] FRANKLIN, SCOTT, US
[72] AVILA, JEFF, US
[72] DECKER, STEPHEN M., US
[72] BALIU, ENRIQUE, US
[72] RAKITSKY, WALTER, US
[72] PIECHOCKI, JOHN, US
[72] ZDANIS, DANA, US
[72] NORRIS, LESILE M., US
[73] CORBION BIOTECH, INC., US
[85] 2011-10-12
[86] 2010-04-14 (PCT/US2010/031088)
[87] (WO2010/120923)
[30] US (61/169,271) 2009-04-14
[30] US (61/173,166) 2009-04-27
[30] US (61/246,070) 2009-09-25
[30] US (PCT/US2009/060692) 2009-10-14
[30] US (12/684,887) 2010-01-08
[30] US (12/684,888) 2010-01-08
[30] US (12/684,889) 2010-01-08
[30] US (12/684,891) 2010-01-08
[30] US (12/684,892) 2010-01-08
[30] US (12/684,893) 2010-01-08
[30] US (12/684,894) 2010-01-08
[30] US (12/684,884) 2010-01-08
[30] US (12/684,885) 2010-01-08
[30] US (12/684,886) 2010-01-08
[30] US (61/299,250) 2010-01-28

[11] **2,758,725**
[13] C
[51] **Int.Cl. G01R 21/00 (2006.01) G08C 19/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING POWER TO A POWER METER CONNECTED TO A POWER LINE**
[54] **SYSTEME ET PROCEDE POUR ALIMENTER EN ENERGIE UN COMPTEUR D'ELECTRICITE BRANCHE A UNE LIGNE ELECTRIQUE**
[72] SOBOTKA, PETER, CA
[72] SHI, XIAO MING, CA
[72] LONG, YAN, CA
[73] CORINEX COMMUNICATIONS CORP., CA
[86] (2758725)
[87] (2758725)
[22] 2011-11-22
[30] US (61/416,454) 2010-11-23

[11] **2,768,659**
[13] C
[51] **Int.Cl. A23L 7/117 (2016.01) A23P 20/20 (2016.01)**
[25] EN
[54] **FILLED SNACK PRODUCT WITH SPACED FILLING LINES AND METHOD OF MAKING THE SAME**
[54] **PRODUIT DE GRIGNOTAGE FOURRE DOTE DE LIGNES DE REMPLISSAGE ESPACEES ET PROCEDE DE REALISATION ASSOCIE**
[72] MOLCHAN, JAMES EDWARD, US
[72] GARTER, BARB, US
[72] NOWACZYK, PAUL, US
[73] KELLOGG COMPANY, US
[85] 2012-01-19
[86] 2010-08-05 (PCT/US2010/044516)
[87] (WO2011/017498)
[30] US (61/232,086) 2009-08-07

[11] **2,769,837**
[13] C
[51] **Int.Cl. A61N 5/067 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **HANDHELD LOW-LEVEL LASER THERAPY APPARATUS**
[54] **APPAREIL DE THERAPIE LASER A BAS NIVEAU PORTATIF**
[72] GERLITZ, YONATAN, IL
[73] SCHLOSSER, MICHAEL, IL
[85] 2012-02-01
[86] 2010-07-22 (PCT/IL2010/000584)
[87] (WO2011/016020)
[30] US (12/534,878) 2009-08-04

---

[11] **2,771,253**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2018.01) C12N 5/10 (2006.01)**
[25] EN
[54] **REGULATORY NUCLEIC ACID MOLECULES FOR ENHANCING SEED-SPECIFIC AND/OR SEED-PREFERENTIAL GENE EXPRESSION IN PLANTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE REGULATRICES POUR L'AMPLIFICATION DE L'EXPRESSION GENETIQUE SPECIFIQUE DES GRAINES ET/OU PREFERENTIELLE DANS LES GRAINES DANS DES PLANTES**
[72] KUHN, JOSEF MARTIN, DE
[72] LOYALL, LINDA PATRICIA, DE
[72] SIEBERT, MALTE, DE
[72] DUWENIG, ELKE, DE
[73] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2012-02-15
[86] 2010-08-11 (PCT/EP2010/061661)
[87] (WO2011/023539)
[30] US (61/238233) 2009-08-31
[30] EP (09169017.2) 2009-08-31

---

[11] **2,772,362**
[13] C
[51] **Int.Cl. B32B 27/08 (2006.01) A63B 6/00 (2006.01) B32B 37/06 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **EXERCISE MAT**
[54] **TAPIS D'EXERCICE**
[72] DANDAPURE, YOGENDRA V., CA
[72] BOGHOSIAN, GLENN MALCOLM, US
[72] KAO, CHEN I., TW
[72] DOUGLAS, KATHERINE, CA
[73] LULULEMON ATHLETICA CANADA INC., CA
[86] (2772362)
[87] (2772362)
[22] 2012-03-23
[30] US (61/467,233) 2011-03-24

---

[11] **2,773,640**
[13] C
[51] **Int.Cl. C07D 307/40 (2006.01) C07D 307/44 (2006.01) C07D 307/46 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND ESTERS THEREOF**
[54] **PROCEDE DE PREPARATION D'ACIDE 2,5-FURANDICARBOXYLIQUE ET DE SES ESTERS**
[72] MUNOZ DE DIEGO, CESAR, NL
[72] SCHAMMEL, WAYNE PAUL, US
[72] DAM, MATHEUS ADRIANUS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[73] FURANIX TECHNOLOGIES B.V., NL
[85] 2012-03-08
[86] 2010-10-06 (PCT/NL2010/050653)
[87] (WO2011/043660)
[30] US (61/249,400) 2009-10-07
[30] NL (2003607) 2009-10-07

---

[11] **2,776,123**
[13] C
[51] **Int.Cl. F23R 3/28 (2006.01) F28D 7/10 (2006.01)**
[25] EN
[54] **FUEL AIR HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR AIR-CARBURANT**
[72] PROCIW, LEV ALEXANDER, US
[72] HAWIE, EDUARDO, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2776123)
[87] (2776123)
[22] 2012-05-04
[30] US (13/118,992) 2011-05-31

---

[11] **2,777,079**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01) G09B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURITY VERIFICATION IN ELECTRONIC LEARNING SYSTEMS AND OTHER SYSTEMS**
[54] **SYSTEMES ET METHODES DE VERIFICATION DE LA SECURITE POUR LES SYSTEMES D'APPRENTISSAGE EN LIGNE ET D'AUTRES SYSTEMES**
[72] AUGER, JEREMY JASON, CA
[72] CEPURAN, BRIAN JOHN, CA
[73] D2L CORPORATION, CA
[86] (2777079)
[87] (2777079)
[22] 2012-05-15
[30] US (13/108,399) 2011-05-16

---

[11] **2,777,434**
[13] C
[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **VERIFYING APPLICATION SECURITY VULNERABILITIES**
[54] **VERIFICATION DES FAILLES DE SECURITE DES APPLICATIONS**
[72] IONESCU, PAUL, CA
[72] SMITH, WAYNE DUNCAN, CA
[72] ONUT, IOSIF VIOREL, CA
[72] BRAKE, NEVON CHRISTOPHER, CA
[72] PEYTON, JOHN THOMAS, JR., US
[73] FINJAN BLUE, INC., US
[86] (2777434)
[87] (2777434)
[22] 2012-05-18

[11] **2,778,527**
[13] C
[51] **Int.Cl. G05D 9/00 (2006.01) B65D 90/48 (2006.01)**
[25] EN
[54] **TANK LEVEL MONITORING AND CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE ET DE SURVEILLANCE DU NIVEAU D'UN RESERVOIR**
[72] LIPINSKI, JOHN, CA
[73] LIPINSKI, JOHN, CA
[86] (2778527)
[87] (2778527)
[22] 2012-05-31

---

[11] **2,778,575**
[13] C
[51] **Int.Cl. F16L 55/13 (2006.01) F28F 11/00 (2006.01)**
[25] EN
[54] **HYDRAULICALLY INSTALLED TUBE PLUG, TUBE PLUG INSTALLATION TOOLING, AND INSTALLATION SYSTEM AND METHOD**
[54] **EMBOUT DE TUBE INSTALLE DE MANIERE HYDRAULIQUE, OUTIL D'INSTALLATION DE L'EMBOUT DE TUBE ET SYSTEME ET METHODE D'INSTALLATION**
[72] WASSON, RUSSELL D., US
[73] HYDROPRO, INC., US
[86] (2778575)
[87] (2778575)
[22] 2012-05-31
[30] US (13/134,189) 2011-06-01

---

[11] **2,780,239**
[13] C
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **ELECTRONIC GAMING DEVICE WITH A LIGHT-EFFECT ARRANGEMENT**
[54] **DISPOSITIF DE JEU ELECTRONIQUE AVEC DISPOSITION A EFFETS LUMINEUX**
[72] WOELS, MARTIN, AT
[72] FRIDRICH, HEINZ, AT
[73] NOVOMATIC AG, AT
[85] 2012-05-07
[86] 2010-11-11 (PCT/IB2010/003105)
[87] (WO2011/058442)
[30] AT (A 1801/2009) 2009-11-13

---

[11] **2,781,029**
[13] C
[51] **Int.Cl. B64D 43/00 (2006.01) B64D 47/00 (2006.01) B64F 5/00 (2017.01)**
[25] EN
[54] **IMPROVED DIAGNOSTICS FOR AIRCRAFT**
[54] **METHODE DE DIAGNOSTIC D'AVIONS AMELIORE**
[72] DUNSDON, JONATHAN MARK, US
[73] GE AVIATION SYSTEMS LIMITED, GB
[86] (2781029)
[87] (2781029)
[22] 2012-06-22
[30] GB (1110703.4) 2011-06-24

---

[11] **2,781,825**
[13] C
[51] **Int.Cl. G07F 13/06 (2006.01) G07F 9/02 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINE SUPPORTING A REMOTE SERVICE FUNCTIONALITY**
[54] **MACHINE DE PREPARATION DE BOISSONS PRENANT EN CHARGE UNE FONCTIONNALITE DE SERVICE A DISTANCE**
[72] YOAKIM, ALFRED, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2012-05-24
[86] 2010-11-30 (PCT/EP2010/068480)
[87] (WO2011/067232)
[30] EP (09177746.6) 2009-12-02

---

[11] **2,783,234**
[13] C
[51] **Int.Cl. E04D 1/36 (2006.01)**
[25] EN
[54] **METHOD OF SEALING OVERLAPPING INSTALLED SHINGLES**
[54] **METHODE D'ETANCHEISATION DE BARDEAUX SUPERPOSES**
[72] VERMILION, DONN, US
[72] RINNE, STEPHANIE A., US
[72] UGOREK, MICHAEL S., US
[72] HENDERSHOT, D. GREG, US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[86] (2783234)
[87] (2783234)
[22] 2012-07-18
[30] US (13/193,883) 2011-07-29

---

[11] **2,783,259**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 53/30 (2019.01) H02B 1/26 (2006.01)**
[25] EN
[54] **ELECTRIC VEHICLE CHARGING STATION, INSTALLATIONS, AND METHODS**
[54] **STATION, INSTALLATIONS ET METHODES DE CHARGE POUR VEHICULES ELECTRIQUES**
[72] DEBOER, JOHN, US
[72] COWANS, JOHN QUENTIN, US
[72] BIEDRZYCKI, TIMOTHY, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2783259)
[87] (2783259)
[22] 2012-07-17
[30] US (61/509,171) 2011-07-19
[30] US (13/482,145) 2012-05-29

---

[11] **2,783,814**
[13] C
[51] **Int.Cl. B63B 27/10 (2006.01) B63B 27/04 (2006.01) B63B 27/30 (2006.01) B63B 35/03 (2006.01) B66C 1/12 (2006.01) B66C 13/04 (2006.01) F16L 1/12 (2006.01)**
[25] EN
[54] **HOLD CRANE AS WELL AS PIPEFEEDER VESSEL WITH SUCH HOLD CRANE**
[54] **GRUE DE CALE ET NAVIRE CARGO EQUIPPE D'UNE TELLE GRUE DE CALE**
[72] KALKMAN, PIETER, NL
[72] VALK, HANS WOUTER, NL
[72] ALBLAS, HENDRIK, NL
[73] P. KALKMAN WADDINXVEEN BEHEER B.V., NL
[73] SPLIETHOFF'S BEVRACHTINGSKANTOOR B.V., NL
[86] (2783814)
[87] (2783814)
[22] 2012-07-24
[30] EP (11175364.6) 2011-07-26

[11] **2,783,862**
[13] C
[51] **Int.Cl. C08L 67/02 (2006.01) C08J 9/16 (2006.01) C08J 9/34 (2006.01)**
[25] EN
[54] **EXTRUSION EXPANSION OF LOW MOLECULAR WEIGHT POLYALKYLENE TEREPHTHALATE FOR PRODUCTION OF EXPANDED BEADS**
[54] **EXPANSION D'EXTRUSION POLYALKYLENE TEREPHTHALATE DE FAIBLE POIDS MOLECULAIRE POUR LA PRODUCTION DE BILLES EXPANSEES**
[72] PAETZ-LAUTER, KARL, DE
[72] LI, JIE, CH
[72] MELLER, MIKA, FI
[73] ARMACELL ENTERPRISE GMBH & CO. KG, DE
[86] (2783862)
[87] (2783862)
[22] 2012-07-30
[30] DE (11 180 461.3) 2011-09-07

---

[11] **2,784,814**
[13] C
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **HETERODIMER BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON HETERODIMERES ET UTILISATIONS DE CELLES-CI**
[72] BLANKENSHIP, JOHN W., US
[72] TAN, PHILIP, US
[73] APTEVO RESEARCH AND DEVELOPMENT LLC, US
[85] 2012-06-15
[86] 2010-12-29 (PCT/US2010/062436)
[87] (WO2011/090762)
[30] US (61/290,840) 2009-12-29
[30] US (61/365,266) 2010-07-16
[30] US (61/366,743) 2010-07-22

---

[11] **2,785,405**
[13] C
[51] **Int.Cl. G01B 11/22 (2006.01) G06K 9/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DEPTH FROM DEFOCUS IMAGING**
[54] **SYSTEME ET METHODE D'IMAGERIE EN PROFONDEUR HORS FOCUS**
[72] DANESHPANAH, MOHAMMAD MEHDI, US
[72] HARDING, KEVIN GEORGE, US
[72] ABRAMOVICH, GIL, US
[72] GRAY, DANIEL CURTIS, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2785405)
[87] (2785405)
[22] 2012-08-09
[30] US (13/272,424) 2011-10-13

---

[11] **2,785,515**
[13] C
[51] **Int.Cl. H04L 12/825 (2013.01) G07B 15/02 (2011.01)**
[25] EN
[54] **RADIO BEACON AND METHOD FOR SELECTIVELY COMMUNICATING IN ACCORDANCE WITH 5.8 AND 5.9 GHZ DSRC STANDARDS**
[54] **RADIOPHARE ET METHODE DE COMMUNICATION SELECTIVE CONFORMES AUX NORMES DSRC 5,8 ET 5,9 GHZ**
[72] SMELY, DIETER, AT
[72] NAGY, OLIVER, AT
[73] KAPSCH TRAFFICCOM AG, AT
[86] (2785515)
[87] (2785515)
[22] 2012-08-14
[30] EP (11 450 123.2) 2011-09-21

---

[11] **2,785,612**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **EV576 FOR USE IN THE TREATMENT OF VIRAL INFECTIONS OF THE RESPIRATORY TRACT**
[54] **EV576 POUR UTILISATION DANS TRAITEMENT D'INFECTIONS VIRALES DES VOIES RESPIRATOIRES**
[72] WESTON-DAVIES, WYNNE, GB
[73] VOLUTION IMMUNO PHARMACEUTICALS SA, CH
[85] 2012-06-26
[86] 2011-01-10 (PCT/GB2011/000022)
[87] (WO2011/083317)
[30] GB (1000318.4) 2010-01-08
[30] GB (1005071.4) 2010-03-25

---

[11] **2,787,448**
[13] C
[51] **Int.Cl. A61B 3/12 (2006.01) A61B 3/117 (2006.01)**
[25] EN
[54] **NON-INVASIVE SPECTROPHOTOMETER AND RELATED METHOD**
[54] **SPECTROPHOTOMETRE NON INVASIF ET PROCEDE ASSOCIE**
[72] GLYNN, CHRISTOPHER, GB
[73] GLYNN, CHRISTOPHER, GB
[85] 2012-07-18
[86] 2011-01-19 (PCT/GB2011/050087)
[87] (WO2011/089427)
[30] GB (1000973.6) 2010-01-21

[11] **2,787,660**
[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/145 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **INFUSION PUMP APPARATUS, METHOD AND SYSTEM**
[54] **APPAREIL, PROCEDE ET SYSTEME POUR POMPE A PERFUSION**
[72] KAMEN, DEAN, US
[72] KERWIN, JOHN M., US
[72] LANIER, GREGORY R., JR., US
[72] GRAY, LARRY B., US
[72] TRACEY, BRIAN D., US
[72] CANNAN, DAVID D. B., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2012-07-20
[86] 2011-01-21 (PCT/US2011/022051)
[87] (WO2011/091246)
[30] US (61/297,387) 2010-01-22

[11] **2,788,068**
[13] C
[51] **Int.Cl. G01N 21/87 (2006.01) G01N 33/38 (2006.01)**
[25] EN
[54] **GEMSTONE SPARKLE ANALYSIS**
[54] **ANALYSE DE BRILLANCE DE PIERRES PRECIEUSES**
[72] SMITH, JAMES GORDON CHARTERS, GB
[73] DE BEERS UK LTD, GB
[85] 2012-07-25
[86] 2011-01-26 (PCT/GB2011/050122)
[87] (WO2011/092493)
[30] GB (1001237.5) 2010-01-26
[30] GB (1001236.7) 2010-01-26

[11] **2,788,131**
[13] C
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **DATA STRUCTURE MAPPING AND NAVIGATION**
[54] **MAPPAGE D'UNE STRUCTURE DE DONNEES ET NAVIGATION**
[72] CHOUDHARY, BIBHU, US
[72] MENON, DEEPAK ACHUTHAN, US
[72] PATEL, ATISH JAYANTILAL, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-07-20
[86] 2011-02-11 (PCT/US2011/024596)
[87] (WO2011/103040)
[30] US (12/708,615) 2010-02-19

[11] **2,788,617**
[13] C
[51] **Int.Cl. G21G 1/10 (2006.01) H05H 6/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MAKING TWO DIFFERENT RADIOACTIVE ISOTOPES**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DEUX ISOTOPES RADIOACTIFS DIFFERENTS**
[72] BAURICHTER, ARND, DK
[72] HEID, OLIVER, DE
[72] HUGHES, TIMOTHY, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2012-07-30
[86] 2011-01-26 (PCT/EP2011/051019)
[87] (WO2011/092175)
[30] DE (10 2010 006 433.5) 2010-02-01

[11] **2,788,644**
[13] C
[51] **Int.Cl. B32B 5/00 (2006.01) C04B 24/26 (2006.01) E01C 7/14 (2006.01) E01C 7/35 (2006.01) E01C 11/00 (2006.01) C04B 16/06 (2006.01) C04B 18/08 (2006.01)**
[25] EN
[54] **PAVEMENT OVERLAY MATERIAL AND METHOD**
[54] **MATERIAU ET PROCEDE DE REVETEMENT ROUTIER**
[72] RECK, NICHOLAS, US
[73] PAVEMENT SURFACE COATINGS, LLC, US
[85] 2012-08-01
[86] 2011-02-02 (PCT/US2011/023461)
[87] (WO2011/097287)
[30] US (61/300,594) 2010-02-02

[11] ***2,789,909**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) G06F 16/83 (2019.01) G06F 16/958 (2019.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYNCHRONIZING HTTP REQUESTS WITH RESPECTIVE HTML CONTEXT**
[54] **SYNCHRONISATION DE DEMANDES HTTP DANS LEUR CONTEXTE HTTP RESPECTIF**
[72] IONESCU, PAUL, CA
[72] ONUT, IOSIF VIOREL, CA
[72] AYOUB, KHALIL ANDRES, CA
[72] MIRMOVITCH, GIL, IL
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[86] (2789909)
[87] (2789909)
[22] 2012-09-14

[11] **2,790,474**
[13] C
[51] **Int.Cl. B67D 7/08 (2010.01) B67D 7/02 (2010.01) B67D 7/36 (2010.01) B67D 7/76 (2010.01) B67D 7/80 (2010.01) B01D 53/34 (2006.01) F17C 13/02 (2006.01) F25J 1/00 (2006.01) F28F 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING STERILE CRYOGENIC LIQUID**
[54] **PROCEDE DE PRODUCTION DE LIQUIDE CRYOGENIQUE STERILE**
[72] LEE, RON C., US
[73] LINDE AKTIENGESELLSCHAFT, DE
[85] 2012-08-20
[86] 2011-04-20 (PCT/US2011/033202)
[87] (WO2011/142945)
[30] US (12/778,299) 2010-05-12

[11] **2,790,502**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **MARKERS FOR OBESITY AND METHODS OF USE THEREOF**
[54] **MARQUEURS DE L'OBESITE ET LEURS PROCEDES D'UTILISATION**
[72] GRANT, STRUAN, US
[72] GLESSNER, JOSEPH, US
[72] HAKONARSON, HAKON, US
[73] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2012-08-20
[86] 2011-02-22 (PCT/US2011/025687)
[87] (WO2011/106310)
[30] US (61/307,205) 2010-02-23
[30] US (61/392,679) 2010-10-13

---

[11] **2,790,743**
[13] C
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/285 (2006.01)**
[25] EN
[54] **BUTTRESS RELEASE FROM SURGICAL STAPLER BY KNIFE PUSHING**
[54] **DEGAGEMENT DE GOUSSET D'UNE AGRAFEUSE CHIRURGICALE PAR POUSSEE DE COUTEAU**
[72] HODGKINSON, GERALD, US
[72] POWERS, WILLIAM, US
[73] TYCO HEALTHCARE GROUP LP, CA
[86] (2790743)
[87] (2790743)
[22] 2012-09-24
[30] US (13/281,941) 2011-10-26

---

[11] **2,790,900**
[13] C
[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **EEA TILT TOP ANVIL WITH RATCHET/LOCKING MECHANISM**
[54] **ENCLUME A DESSUS INCLINE DOTE D'UN MECANISME DE CLIQUET/VERROU**
[72] MOZDZIERZ, PATRICK, US
[72] OLSON, LEE ANN, US
[73] TYCO HEALTHCARE GROUP LP, CA
[86] (2790900)
[87] (2790900)
[22] 2012-09-26
[30] US (13/281,899) 2011-10-26

---

[11] **2,791,151**
[13] C
[51] **Int.Cl. A23G 9/28 (2006.01) B29C 48/92 (2019.01) A23G 3/00 (2006.01) A23G 3/20 (2006.01)**
[25] EN
[54] **EXTRUSION APPARATUS AND METHOD FOR EXTRUDING COMESTIBLE PRODUCTS**
[54] **APPAREIL D'EXTRUSION ET METHODE D'EXTRUSION DE PRODUITS COMESTIBLES**
[72] HAINES, RODERICK ANDREW, GB
[72] BANISTER, STUART MARK, GB
[72] WILLIAMSON, FINBARR CHARLES RONALD, GB
[72] JELLEY, SIMON PHILIP, GB
[72] BUFTON, ANDREW CHRISTOPHER, GB
[72] BOWN, GAVIN, GB
[73] CADBURY UK LIMITED, GB
[85] 2012-08-24
[86] 2011-02-25 (PCT/GB2011/050383)
[87] (WO2011/104566)
[30] GB (1003288.6) 2010-02-26

---

[11] ***2,791,771**
[13] C
[51] **Int.Cl. G06F 11/30 (2006.01)**
[25] EN
[54] **DYNAMIC AND SELECTIVE MANAGEMENT OF INTEGRATION POINTS USING PERFORMANCE METRICS**
[54] **GESTION DYNAMIQUE ET SELECTIVE DES POINTS D'INTEGRATION A L'AIDE D'UNE METRIQUE DE PERFORMANCE**
[72] NIGUL, LEHO, CA
[72] GUMINY, SCOTT M., CA
[72] YU, KEVIN, CA
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[86] (2791771)
[87] (2791771)
[22] 2012-10-05

---

[11] **2,792,087**
[13] C
[51] **Int.Cl. E02F 5/32 (2006.01) A01B 11/00 (2006.01) E02F 5/00 (2006.01)**
[25] EN
[54] **VIBRATORY RIPPER HAVING DEPTH ADJUSTABLE RIPPING MEMBER**
[54] **DEFONCEUSES A VIBRATIONS AYANT UN ELEMENT DEFONCEUR A PROFONDEUR REGLABLE**
[72] HALL, RONALD H., CA
[73] HALL, RONALD H., CA
[86] (2792087)
[87] (2792087)
[22] 2012-10-11
[30] US (61/636,255) 2012-04-20
[30] CA (2,755,478) 2011-10-18

---

[11] **2,792,160**
[13] C
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 37/00 (2006.01)**
[25] EN
[54] **DRAG REDUCTION PLATE AND STRUCTURE FOR TRAILERS**
[54] **PLAQUE DE REDUCTION DE LA RESISTANCE ET STRUCTURE POUR REMORQUES**
[72] LAYFIELD, BRIAN P., CA
[72] HAWS, JAMES D., CA
[72] LITTLEFIELD, JEFFREY V., CA
[73] LAYDON COMPOSITES LTD., CA
[86] (2792160)
[87] (2792160)
[22] 2012-10-15
[30] US (61/546,944) 2011-10-13

[11] **2,793,161**
[13] C
[51] **Int.Cl. A01G 23/08 (2006.01) A01G 23/091 (2006.01)**
[25] EN
[54] **DISK SAW FELLING HEAD WITH VISIBILITY WINDOW**
[54] **TETE D'ABATTAGE DE SCIE CIRCULAIRE DOTEE D'UNE OUVERTURE DE VISIBILITE**
[72] DISABATINO, BENJAMIN, CA
[73] DEERE & COMPANY, US
[86] (2793161)
[87] (2793161)
[22] 2012-10-23
[30] US (13/611,918) 2012-09-12

---

[11] **2,793,884**
[13] C
[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01) A61P 33/02 (2006.01) C30B 7/06 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF A MACROLIDE, AND USES THEREFOR**
[54] **FORMES CRISTALLINES D'UN MACROLIDE ET LEURS UTILISATIONS**
[72] PEREIRA, DAVID E., US
[73] CEMPRA PHARMACEUTICALS, INC., US
[85] 2012-09-20
[86] 2011-03-22 (PCT/US2011/029424)
[87] (WO2011/119604)
[30] US (61/316,063) 2010-03-22

---

[11] **2,794,019**
[13] C
[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/74 (2006.01) A61B 17/80 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **ORTHOPEDIC FIXATION DEVICE WITH BIORESORBABLE LAYER**
[54] **DISPOSITIF DE FIXATION ORTHOPEDIQUE AVEC COUCHE BIORESORBABLE**
[72] CERYNIK, DOUGLAS, US
[72] HARDING, SUSAN P., US
[73] STABILIZ ORTHOPEDICS, LLC, US
[85] 2012-09-21
[86] 2010-03-24 (PCT/US2010/028437)
[87] (WO2010/111350)
[30] US (61/162,987) 2009-03-24

---

[11] ***2,794,154**
[13] C
[51] **Int.Cl. G06F 8/30 (2018.01) G06F 8/41 (2018.01)**
[25] EN
[54] **CODE GENERATION USING DATA MARKING**
[54] **GENERATION DE CODE UTILISANT LE MARQUAGE DE DONNEES**
[72] VASILEVSKIY, ALEXANDER, CA
[72] TIAN, YE, CA
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[86] (2794154)
[87] (2794154)
[22] 2012-11-01

---

[11] **2,795,183**
[13] C
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 3/14 (2006.01)**
[25] EN
[54] **TEMPORARY FORMATTING AND CHARTING OF SELECTED DATA**
[54] **FORMATAGE ET REPRESENTATION GRAPHIQUE TEMPORAIRES DE DONNEES SELECTIONNEES**
[72] RADAKOVITZ, SAMUEL CHOW, US
[72] RUBLE, BRIAN SCOTT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-10-01
[86] 2011-04-13 (PCT/US2011/032383)
[87] (WO2011/136932)
[30] US (12/770,992) 2010-04-30

---

[11] **2,795,935**
[13] C
[51] **Int.Cl. C08L 61/24 (2006.01) C08J 5/04 (2006.01) C08K 7/02 (2006.01) C08L 3/02 (2006.01)**
[25] EN
[54] **MODIFIED UREA-FORMALDEHYDE BINDERS FOR NON-WOVEN FIBER GLASS MATS**
[54] **LIANTS D'UREE FORMALDEHYDE MODIFIES POUR TAPIS EN FIBRE DE VERRE NON TISSE**
[72] ZHENG, GUODONG, US
[72] ZHANG, MINGFU, US
[72] WEITH, LUKE SAYLOR, US
[72] ASRAR, JAWED, US
[73] JOHNS MANVILLE, US
[86] (2795935)
[87] (2795935)
[22] 2012-11-16
[30] US (13/300,841) 2011-11-21

---

[11] **2,796,031**
[13] C
[51] **Int.Cl. H01M 8/248 (2016.01) H01M 8/0247 (2016.01) H01M 8/0273 (2016.01) H01M 8/2483 (2016.01)**
[25] EN
[54] **ELECTROCHEMICAL CELL STACK**
[54] **BLOC DE PILES ELECTROCHIMIQUES**
[72] MARCHAL, FREDERIC ANDRE, GB
[73] ITM POWER (RESEARCH) LIMITED, GB
[85] 2012-10-10
[86] 2011-04-18 (PCT/GB2011/050759)
[87] (WO2011/128705)
[30] GB (1006403.8) 2010-04-16

[11] ***2,796,502**
[13] C
[51] **Int.Cl. G06F 16/906 (2019.01)**
[25] EN
[54] **MANAGING A CLASSIFICATION SYSTEM AND ASSOCIATED SELECTION MECHANISM**
[54] **GESTION D'UN SYSTEME DE CLASSIFICATION ET MECANISME DE SELECTION ASSOCIE**
[72] PRIESTLEY, MICHAEL, CA
[72] LONGO, DEIRDRE S., US
[72] SCHLOTFELDT, JENIFER L., US
[72] XUE, WEN KE, CN
[72] ZHOU, YI YAN, CN
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[86] (2796502)
[87] (2796502)
[22] 2012-11-23

---

[11] **2,796,607**
[13] C
[51] **Int.Cl. C12N 9/20 (2006.01) A61K 38/46 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **LYSOSOMAL STORAGE DISEASE ENZYME**
[54] **ENZYME DES MALADIES LYSOSOMALES**
[72] QUINN, ANTHONY, US
[72] HARVEY, ALEX J., US
[73] ALEXION PHARMACEUTICALS, INC., US
[85] 2012-10-15
[86] 2011-04-23 (PCT/US2011/033699)
[87] (WO2011/133960)
[30] US (61/343,177) 2010-04-23
[30] US (61/396,376) 2010-05-26
[30] US (61/403,011) 2010-09-09
[30] US (61/456,014) 2010-10-29
[30] US (61/432,372) 2011-01-13

---

[11] **2,797,081**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) E21B 41/00 (2006.01) E21B 43/26 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **MACHINES, SYSTEMS, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER PROGRAM PRODUCTS TO TEST AND CERTIFY OIL AND GAS EQUIPMENT**
[54] **MACHINES, SYSTEMES, PROCEDES MIS EN OEUVRE PAR ORDINATEUR ET PRODUITS DE PROGRAMME INFORMATIQUE POUR TESTER ET CERTIFIER UN MATERIEL PETROLIER ET GAZIER**
[72] HUNTER, SCOTT, US
[73] S.P.M. FLOW CONTROL, INC., US
[85] 2012-10-19
[86] 2011-05-02 (PCT/US2011/034863)
[87] (WO2011/137460)
[30] US (61/330,248) 2010-04-30

---

[11] **2,798,261**
[13] C
[51] **Int.Cl. F04B 39/00 (2006.01) E21B 41/00 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR CONSTRUCTIVELY USING THE PRESSURE PULSATIONS IN RECIPROCATING COMPRESSORS INSTALLATIONS**
[54] **METHODES ET DISPOSITIFS EN VUE D'UTILISER DE MANIERE CONSTRUCTIVE LES PULSATIONS DE PRESSION DANS LES INSTALLATIONS DE COMPRESSEURS RECIPROQUES**
[72] BAGAGLI, RICCARDO, IT
[72] TOGNARELLI, LEONARDO, IT
[73] NUOVO PIGNONE S.P.A., IT
[86] (2798261)
[87] (2798261)
[22] 2012-12-06
[30] IT (CO2011A000070) 2011-12-20

---

[11] **2,798,372**
[13] C
[51] **Int.Cl. E04C 2/30 (2006.01) E04C 2/288 (2006.01) E04C 2/32 (2006.01)**
[25] EN
[54] **COMPOSITE BUILDING AND PANEL SYSTEMS**
[54] **SYSTEMES COMPOSITES DE CONSTRUCTION ET DE PANNEAUX**
[72] PROPST, JOHN EUGENE, US
[73] PROPST FAMILY LIMITED PARTNERSHIP, US
[85] 2012-07-13
[86] 2011-01-07 (PCT/US2011/020563)
[87] (WO2011/090835)
[30] US (61/296,616) 2010-01-20
[30] US (12/844,163) 2010-07-27

---

[11] **2,800,088**
[13] C
[51] **Int.Cl. G06Q 50/00 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **ROTARY PLATFORM USER INTERFACE**
[54] **INTERFACE UTILISATEUR DE PLATE-FORME ROTATIVE**
[72] NYBERG, ANDERS, SE
[73] DELAVAL HOLDING AB, SE
[85] 2012-11-21
[86] 2011-05-18 (PCT/EP2011/058023)
[87] (WO2011/147720)
[30] US (61/347,976) 2010-05-25
[30] GB (1008737.7) 2010-05-25

---

[11] **2,800,504**
[13] C
[51] **Int.Cl. G06F 21/45 (2013.01) H04W 12/08 (2009.01) G06F 12/00 (2006.01) H04L 9/32 (2006.01) G06F 21/33 (2013.01)**
[25] EN
[54] **DESIGNATION OF CLASSES FOR CERTIFICATES AND KEYS**
[54] **DESIGNATION DE CATEGORIES POUR LES CERTIFICATS ET LES CLES**
[72] HO, ALAN PAK-LUN, CA
[72] TSE, CHI CHIU, CA
[72] NAGARAJAN, SIVAKUMAR, CA
[72] MUELLER, MICHAEL JONATHAN, CA
[73] 2236008 ONTARIO INC., CA
[73] BLACKBERRY LIMITED, CA
[86] (2800504)
[87] (2800504)
[22] 2012-12-28
[30] US (61/600,302) 2012-02-17

[11] **2,800,639**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6869 (2018.01)**
[25] EN
[54] **METHOD OF DNA SEQUENCING BY HYBRIDISATION**
[54] **METHODE DE SEQUENCAGE D'ADN PAR HYBRIDATION**
[72] BENSIMON, DAVID, FR
[72] ALLEMAND, JEAN-FRANCOIS, FR
[72] MANOSAS, MARIA, ES
[72] DING, FANG-YUAN, FR
[72] CROQUETTE, VINCENT, FR
[73] ECOLE NORMALE SUPERIEURE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[85] 2012-11-23
[86] 2011-05-26 (PCT/EP2011/058669)
[87] (WO2011/147931)
[30] EP (10305564.6) 2010-05-27
[30] US (61/377,621) 2010-08-27

[11] **2,800,770**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/744 (2015.01) A23L 33/135 (2016.01) A23C 9/12 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **PROBIOTIC STRAINS FOR USE IN IMPROVING TRANSEPITHELIAL RESISTANCE**
[54] **SOUCHES PROBIOTIQUES DESTINEES A ETRE UTILISEES DANS L'AMELIORATION DE LA RESISTANCE TRANSEPITHELIALE**
[72] LEGRAIN-RASPAUD, SOPHIE, FR
[72] GROMPONE, GIANFRANCO, FR
[72] CAPRONNIER, SANDRINE, FR
[72] CHAMBAUD, ISABELLE, FR
[72] LESIC, BILIANA, FR
[73] COMPAGNIE GERVAIS DANONE, FR
[85] 2012-11-26
[86] 2011-05-30 (PCT/IB2011/052368)
[87] (WO2011/148358)
[30] IB (PCT/IB2010/001536) 2010-05-28

[11] **2,801,141**
[13] C
[51] **Int.Cl. H04R 1/28 (2006.01) H04R 1/34 (2006.01)**
[25] EN
[54] **LOUDSPEAKER**
[54] **HAUT-PARLEUR**
[72] DE HAAN, PHILIP DEREK EDUARD, NL
[73] ALCONS AUDIO B.V., NL
[85] 2012-11-29
[86] 2011-05-27 (PCT/NL2011/050373)
[87] (WO2011/152718)
[30] NL (2004781) 2010-05-31

[11] **2,801,321**
[13] C
[51] **Int.Cl. B26D 7/27 (2006.01) A23L 19/20 (2016.01) A23N 15/00 (2006.01) B65B 25/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATED LOADING OF FOOD ARTICLES INTO CONTAINERS**
[54] **PROCEDE ET APPAREIL POUR CHARGEMENT AUTOMATISE D'ARTICLES ALIMENTAIRES DANS DES CONTENANTS**
[72] BORKIEWICZ, ZBIGNIEW STANISLAW, US
[72] TOMAC, BRIAN W., US
[72] SAMPLE, CHUCK A., US
[72] NONN, DAVID J., US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2801321)
[87] (2801321)
[22] 2013-01-09
[30] US (61/584,597) 2012-01-09

[11] **2,801,758**
[13] C
[51] **Int.Cl. A61K 8/81 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **LOW PH CLEAR SKIN CLEANSING COMPOSITIONS COMPRISING A LOW MOLECULAR WEIGHT ACRYLATE POLYMER AND A MIXTURE OF AMPHOTERIC SURFACTANTS**
[54] **COMPOSITIONS DE NETTOYAGE DE PEAU CLAIRES A PH BAS COMPRENANT UN POLYMERE ACRYLATE HT WEIG DE FAIBLE POIDS MOLECULAIRE ET UN MELANGE DE SURFACTANTS AMPHOTERIQUES**
[72] GUNN, EUEN THOMAS GRAHAM EKMAN, US
[72] WALTERS, RUSSEL M., US
[72] GANDOLFI, LISA R., US
[72] LAHEY, KEVIN C., US
[72] MACK, MARY CATHERINE, US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[85] 2012-12-05
[86] 2011-06-23 (PCT/US2011/041611)
[87] (WO2011/163467)
[30] US (12/822,329) 2010-06-24
[30] US (12/976,573) 2010-12-22
[30] US (13/166,445) 2011-06-22

[11] **2,801,795**
[13] C
[51] **Int.Cl. F16K 1/36 (2006.01) F16K 1/48 (2006.01) F16K 51/00 (2006.01) F16L 55/11 (2006.01)**
[25] EN
[54] **PLUG HEAD ASSEMBLIES**
[54] **ENSEMBLES DE TETES DE SOUPAPE**
[72] ROBISON, JEFFREY C., US
[72] MOCK, ROBERT, US
[72] REDD, FRANK, US
[73] CALDERA ENGINEERING, L.C., US
[86] (2801795)
[87] (2801795)
[22] 2013-01-11
[30] US (61/586,523) 2012-01-13

[11] **2,802,913**
[13] C
[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **A TENSIONABLE THREADED REBAR BOLT**
[54] **BOULON D'ARMATURE FILETE POUVANT RESISTER A LA TENSION**
[72] WOOD, CHARLES D., US
[73] NUCOR CORPORATION, US
[85] 2012-12-14
[86] 2011-06-23 (PCT/US2011/041582)
[87] (WO2011/163449)
[30] US (61/358,355) 2010-06-24

[11] **2,804,635**
[13] C
[51] **Int.Cl. C07D 498/22 (2006.01) A61K 31/437 (2006.01)**
[25] EN
[54] **FORMULATIONS OF RIFAXIMIN AND USES THEREOF**
[54] **FORMULATIONS DE RIFAXIMINE ET UTILISATIONS CORRESPONDANTES**
[72] SELBO, JON, US
[72] TENG, JING, US
[72] KABIR, MOHAMMED A., US
[72] GOLDEN, PAM, US
[73] SALIX PHARMACEUTICALS, INC., US
[85] 2013-01-07
[86] 2011-07-12 (PCT/US2011/043769)
[87] (WO2012/009388)
[30] US (61/363,609) 2010-07-12
[30] US (61/419,056) 2010-12-02

[11] **2,805,021**
[13] C
[51] **Int.Cl. A61F 2/32 (2006.01) A61F 2/34 (2006.01) A61F 2/36 (2006.01) A61B 17/16 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **HIP JOINT DEVICE AND METHOD**
[54] **DISPOSITIF D'ARTICULATION DE LA HANCHE ET PROCEDE CORRESPONDANT**
[72] FORSELL, PETER, CH
[73] IMPLANTICA PATENT LTD., MT
[85] 2013-01-10
[86] 2010-07-12 (PCT/SE2010/050817)
[87] (WO2011/005198)
[30] SE (0900981-2) 2009-07-10
[30] SE (0900957-2) 2009-07-10
[30] SE (0900959-8) 2009-07-10
[30] SE (0900960-6) 2009-07-10
[30] SE (0900962-2) 2009-07-10
[30] SE (0900963-0) 2009-07-10
[30] SE (0900965-5) 2009-07-10
[30] SE (0900966-3) 2009-07-10
[30] SE (0900968-9) 2009-07-10
[30] SE (0900969-7) 2009-07-10
[30] SE (0900970-5) 2009-07-10
[30] SE (0900972-1) 2009-07-10
[30] SE (0900973-9) 2009-07-10
[30] SE (0900974-7) 2009-07-10
[30] SE (0900976-2) 2009-07-10
[30] SE (0900978-8) 2009-07-10
[30] SE (0900958-0) 2009-07-10
[30] US (61/229,738) 2009-07-30
[30] US (61/229,739) 2009-07-30
[30] US (61/229,743) 2009-07-30
[30] US (61/229,745) 2009-07-30
[30] US (61/229,746) 2009-07-30
[30] US (61/229,747) 2009-07-30
[30] US (61/229,748) 2009-07-30
[30] US (61/229,751) 2009-07-30
[30] US (61/229,752) 2009-07-30
[30] US (61/229,755) 2009-07-30
[30] US (61/229,761) 2009-07-30
[30] US (61/229,767) 2009-07-30
[30] US (61/229,778) 2009-07-30
[30] US (61/229,786) 2009-07-30
[30] US (61/229,789) 2009-07-30
[30] US (61/229,796) 2009-07-30
[30] US (61/229,735) 2009-07-30

[11] **2,806,004**
[13] C
[51] **Int.Cl. H01M 4/58 (2010.01) H01M 10/0525 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **CARBON COATED LITHIUM TRANSITION METAL PHOSPHATE AND PROCESS FOR ITS MANUFACTURE**
[54] **PHOSPHATE DE METAUX DE TRANSITION LITHIES A REVETEMENT DE CARBONE ET PROCEDE DE FABRICATION ASSOCIE**
[72] NUSPL, GERHARD, DE
[72] STINNER, CHRISTOPH, DE
[72] KUNZ, HOLGER, DE
[72] LIANG, GUOXIAN, CA
[73] JOHNSON MATTHEY PLC., GB
[85] 2013-01-18
[86] 2011-07-26 (PCT/EP2011/062843)
[87] (WO2012/013685)
[30] DE (102010032206.7) 2010-07-26
[30] US (61/443,723) 2011-02-17

[11] **2,806,436**
[13] C
[51] **Int.Cl. C07D 231/14 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 3-HALOALKYLPYRAZOLES**
[54] **PROCEDES DE PREPARATION D'HALOALKYLPYRAZOLES**
[72] WANG, LINHUA, US
[72] SHETH, RITESH BHARAT, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2013-01-23
[86] 2011-08-03 (PCT/EP2011/063360)
[87] (WO2012/019950)
[30] US (61/372,122) 2010-08-10

[11] **2,807,172**
[13] C
[51] **Int.Cl. B32B 27/00 (2006.01) B32B 29/00 (2006.01) B65D 5/00 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **PACKAGING CONTAINER FROM A SHEET-LIKE COMPOSITE HAVING AN IMPROVED ADHESIVE AND INNER LAYER COMBINATION**
[54] **RECIPIENT DE CONDITIONNEMENT EN COMPOSITE PLAN PRESENTANT UNE COMBINAISON AMELIOREE DE COUCHE ADHESIVE ET DE COUCHE INTERIEURE**
[72] WOLTERS, MICHAEL, DE
[72] LORENZ, GUENTHER, DE
[72] SCHMIDT, HOLGER, DE
[72] BISCHOFF, JOERG, DE
[73] SIG TECHNOLOGY AG, CH
[85] 2013-01-31
[86] 2011-08-04 (PCT/EP2011/003913)
[87] (WO2012/016701)
[30] DE (10 2010 033 466.9) 2010-08-05

[11] **2,807,661**
[13] C
[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/4045 (2006.01) A61K 31/4184 (2006.01) A61K 31/519 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **NOVEL D3 DOPAMINE RECEPTOR AGONISTS TO TREAT DYSKINESIA IN PARKINSON'S DISEASE**
[54] **NOUVEAUX AGONISTES DU RECEPTEUR DOPAMINERGIQUE D3 POUR TRAITER LA DYSKINESIE DANS LA MALADIE DE PARKINSON**
[72] KORTAGERE, SANDHYA, US
[72] KUZHIKANDAHIL, ELDO V., US
[73] DREXEL UNIVERSITY, US
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2013-02-06
[86] 2011-08-10 (PCT/US2011/047263)
[87] (WO2012/021629)
[30] US (61/372,733) 2010-08-11

[11] **2,807,833**
[13] C
[51] **Int.Cl. A61L 27/24 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **PASSIVE METHODS FOR ANTI-MICROBIAL BIOLOGICAL MESHES**
[54] **PROCEDES PASSIFS POUR DES MAILLAGES BIOLOGIQUES ANTIMICROBIENS**
[72] OWENS, RICK T., US
[72] LIU, MIKE, US
[72] MAO, YONG, US
[73] LIFECELL CORPORATION, US
[85] 2013-02-07
[86] 2011-08-25 (PCT/US2011/049062)
[87] (WO2012/027529)
[30] US (61/377,182) 2010-08-26

[11] **2,808,648**
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/66 (2006.01) H04L 29/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LAYER-2 PSEUDO-WIRE RAPID-DEPLOYMENT SERVICE OVER UNKNOWN INTERNET PROTOCOL NETWORKS**
[54] **PROCEDE ET SYSTEME POUR UN SERVICE DE DEPLOIEMENT RAPIDE DE PSEUDO-FILS DE COUCHE 2 SUR RESEAUX DE PROTOCOLE INTERNET INCONNU**
[72] HINZ, MICHAEL, US
[72] HINZ, WILLIAM, US
[72] STEVENSON, DOUGLAS, GB
[72] EVERITT, TIMOTHY, GB
[73] YR20 GROUP, INC., US
[85] 2013-02-18
[86] 2011-08-17 (PCT/US2011/001440)
[87] (WO2012/023977)
[30] US (12/806,641) 2010-08-18

[11] **2,808,944**
[13] C
[51] **Int.Cl. C02F 1/78 (2006.01) B01F 5/06 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TREATING LIQUIDS BY MEANS OF OZONE**
[54] **DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DE LIQUIDES AU MOYEN D'OZONE**
[72] WIELAND, ARNE, DE
[72] KAMPMANN, MARTIN, DE
[72] SCHEIDELER, JENS, DE
[72] RIED, ACHIM, DE
[73] XYLEM IP HOLDINGS LLC, US
[85] 2013-02-20
[86] 2011-08-22 (PCT/EP2011/004210)
[87] (WO2012/025214)
[30] DE (10 2010 035 519.4) 2010-08-25

[11] **2,809,641**
[13] C
[51] **Int.Cl. A61K 31/192 (2006.01) A23C 9/20 (2006.01) A61P 3/10 (2006.01) A61P 15/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL AND NUTRACEUTICAL COMPOSITIONS OF ABSCISIC ACID**
[54] **COMPOSITIONS PHARMACEUTIQUES ET NUTRACEUTIQUES D'ACIDE ABSCISIQUE**
[72] HERRERO, MARIA PILAR, US
[72] SHAFER, WARREN E., US
[73] VALENT BIOSCIENCES CORPORATION, US
[85] 2013-02-26
[86] 2011-09-19 (PCT/US2011/052173)
[87] (WO2012/037562)
[30] US (61/384,020) 2010-09-17

[11] **2,809,830**
[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/423 (2006.01) A61K 31/427 (2006.01) A61P 3/10 (2006.01) A61P 19/10 (2006.01) A61P 29/00 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **COMPOUNDS COMPRISING N-ACYL-2-AMINO-1,3-THIAZOLE FOR MODULATING INTRACELLULAR CALCIUM**
[54] **COMPOSES RENFERMANT DU N-ACYL-2-AMINO-1,3-THIAZOLE SERVANT A MODULER LE CALCIUM INTRACELLULAIRE**
[72] WHITTEN, JEFFREY P., US
[72] PEI, YAZHONG, US
[72] CAO, JIANGUO, US
[72] WANG, ZHIJUN, US
[72] ROGERS, EVAN, US
[72] DYCK, BRIAN, US
[72] GREY, JONATHAN, US
[73] CALCIMEDICA, INC., US
[85] 2013-02-27
[86] 2011-08-26 (PCT/US2011/049424)
[87] (WO2012/027710)
[30] US (61/377,842) 2010-08-27

---

[11] **2,809,860**
[13] C
[51] **Int.Cl. B65B 7/28 (2006.01) B65B 7/16 (2006.01)**
[25] EN
[54] **SEALING DEVICE AND METHOD FOR SEALING A CONTAINER BOWL WITH A HEAT SEALING FILM**
[54] **DISPOSITIF DE SCELLEMENT ET PROCEDE SCELLEMENT D'UN BOL AVEC UNE PELLICULE THERMOCOLLANTE**
[72] STRAUB, KLAUS, DE
[72] EGELKRAUT, UDO, DE
[73] HARRO HOEFLIGER VERPACKUNGSMASCHINEN GMBH, DE
[86] (2809860)
[87] (2809860)
[22] 2013-03-19
[30] EP (12 002 095.3) 2012-03-26

---

[11] **2,810,004**
[13] C
[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/44 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF A FACTOR XA INHIBITOR**
[54] **FORMES CRISTALLINES D'UN INHIBITEUR DU FACTEUR XA**
[72] CAPODANNO, VINCENT R., US
[72] CORCORAN, LIAM, IE
[72] MCNEVIN, MICHAEL, US
[72] ARROYO, ITZIA ZORAIDA, US
[72] WENSLOW, ROBERT M., US
[72] BALL, RICHARD G., US
[72] MARGELEFSKY, ERIC L., US
[72] MAHER, TIMOTHY K., US
[72] PANDEY, ANJALI, US
[73] PORTOLA PHARMACEUTICALS, INC., US
[85] 2013-02-28
[86] 2011-08-31 (PCT/US2011/050057)
[87] (WO2012/031017)
[30] US (61/379,339) 2010-09-01
[30] US (61/454,396) 2011-03-18

---

[11] **2,811,532**
[13] C
[51] **Int.Cl. C08L 33/08 (2006.01) C08L 33/10 (2006.01)**
[25] EN
[54] **WEATHER-RESISTANT, DYED MOLDED PART HAVING IMPROVED SHINE AND WIPE RESISTANCE**
[54] **CORPS FACONNE TEINTE, RESISTANT AUX INTEMPERIES, AYANT UNE BRILLANCE AMELIOREE ET UNE RESISTANCE AMELIOREE AU FROTTEMENT**
[72] KHRENOV, VICTOR, DE
[72] MISCHLICH, ANDREAS, DE
[72] GOLCHERT, URSULA, DE
[72] NAU, STEFAN, DE
[72] HALBLANDER, ANTON, DE
[72] SCHULTES, KLAUS, DE
[72] POTH, MARC, DE
[72] MANIS, ANTONIOS, DE
[72] LEHMANN, KATHRIN, DE
[72] ZHU, ZHEN, US
[73] EVONIK ROEHM GMBH, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2013-03-18
[86] 2011-08-22 (PCT/EP2011/064326)
[87] (WO2012/034821)
[30] US (61/384,060) 2010-09-17
[30] EP (10178326.4) 2010-09-22

---

[11] **2,811,567**
[13] C
[51] **Int.Cl. C07D 213/61 (2006.01) A61K 31/415 (2006.01) A61K 31/4164 (2006.01) A61K 31/42 (2006.01) A61K 31/4245 (2006.01) A61K 31/426 (2006.01) A61K 31/433 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01) A61K 31/4965 (2006.01) A61K 31/505 (2006.01) A61K 31/53 (2006.01) A61K 31/54 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07C 255/43 (2006.01) C07D 207/08 (2006.01) C07D 213/30 (2006.01) C07D 213/32 (2006.01) C07D 233/64 (2006.01) C07D 241/12 (2006.01) C07D 253/065 (2006.01) C07D 261/08 (2006.01) C07D 271/04 (2006.01) C07D 271/10 (2006.01) C07D 285/06 (2006.01) C07D 285/12 (2006.01)**
[25] EN
[54] **DEUBIQUITINASE INHIBITORS AND METHODS FOR USE OF THE SAME**
[54] **INHIBITEURS DE DEUBIQUITINASE ET LEURS PROCEDES D'UTILISATION**
[72] DONATO, NICHOLAS J., US
[72] WOBUS, CHRISTIANE, US
[72] SHOWALTER, H.D. HOLLIS, US
[72] TALPAZ, MOSHE, US
[72] PERRY, JEFFREY WILLIAM, US
[72] SORENSON, RODERICK JOSEPH, US
[72] O'RIORDAN, MARY XUAN DZIEM, US
[72] JIN, YAFEI, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2013-03-15
[86] 2011-09-23 (PCT/US2011/052866)
[87] (WO2012/040527)
[30] US (61/386,057) 2010-09-24

[11] **2,811,649**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **HIGH PRESSURE TURBINE VANE AIRFOIL PROFILE**
[54] **PROFIL AERODYNAMIQUE D'UNE AILETTE DE TURBINE HAUTE PRESSION**
[72] TSIFOURDARIS, PANAGIOTA, CA
[72] RAMAMURTHY, RAJA, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2811649)
[87] (2811649)
[22] 2013-04-04
[30] US (13/444,016) 2012-04-11

---

[11] **2,812,585**
[13] C
[51] **Int.Cl. A01B 59/04 (2006.01)**
[25] EN
[54] **PULL FRAME FOR AN AGRICULTURAL IMPLEMENT**
[54] **CADRE DE TRACTION POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[72] SUDBRINK, MATTHEW R., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2812585)
[87] (2812585)
[22] 2013-04-15
[30] US (13/605,209) 2012-09-06

---

[11] **2,812,594**
[13] C
[51] **Int.Cl. G06K 7/08 (2006.01) H04W 4/12 (2009.01) H04W 4/24 (2018.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01) G06K 7/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FINANCIAL TRANSACTION THROUGH MINIATURIZED CARD READER WITH DECODING ON A SELLER'S MOBILE DEVICE**
[54] **SYSTEMES ET PROCEDES DE TRANSACTIONS FINANCIERES PAR L'INTERMEDIAIRE D'UN LECTEUR DE CARTES MINIATURISE AVEC DECODAGE SUR LE DISPOSITIF MOBILE D'UN VENDEUR**
[72] MCKELVEY, JAMES M., US
[72] WEN, XUANCONG, US
[72] DORSEY, JACK, US
[73] SQUARE, INC., US
[85] 2013-03-25
[86] 2011-10-07 (PCT/US2011/055386)
[87] (WO2012/051070)
[30] US (12/903,823) 2010-10-13
[30] US (12/903,758) 2010-10-13
[30] US (12/903,801) 2010-10-13
[30] US (12/903,753) 2010-10-13
[30] US (12/903,828) 2010-10-13
[30] US (13/012,495) 2011-01-24

---

[11] **2,812,966**
[13] C
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **SAMPLE TESTING APPARATUS WITH PREMIXING OF SAMPLE AND BUFFER**
[54] **APPAREIL DE TEST D'ECHANTILLON A PREMELANGE D'ECHANTILLON ET TAMPON**
[72] PANG, ALAN, GB
[72] JOWETT, GORDON, GB
[72] LILLIS, BARRY, GB
[72] FAIRBANK, JACK, GB
[73] ALERE TOXICOLOGY PLC, GB
[85] 2013-02-21
[86] 2011-05-16 (PCT/GB2011/050935)
[87] (WO2012/025729)
[30] GB (1014167.9) 2010-08-25

---

[11] **2,813,065**
[13] C
[51] **Int.Cl. G01N 1/02 (2006.01) B31B 50/74 (2017.01) B29D 22/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE STERILE SAMPLING BAG**
[54] **POCHE D'ECHANTILLONNAGE STERILE BIODEGRADABLE**
[72] LAFOND, DANIELLE, CA
[72] PARANDOOSH, SHOREH, CA
[72] SCALLY, MAY L., CA
[73] LABPLAS INC., CA
[85] 2013-03-28
[86] 2010-09-28 (PCT/CA2010/001533)
[87] (WO2011/044669)
[30] CA (2,680,970) 2009-09-28

---

[11] **2,814,326**
[13] C
[51] **Int.Cl. H02M 1/12 (2006.01) H02M 5/42 (2006.01)**
[25] EN
[54] **POWER CONVERTER RESONANCE DETECTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DETECTION DE RESONANCE DE CONVERTISSEUR DE PUISSANCE**
[72] PATEL, YOGESH POPATLAL, US
[72] WEI, LIXIANG, US
[73] ROCKWELL AUTOMATION TECHNOLOGIES, INC., US
[86] (2814326)
[87] (2814326)
[22] 2013-04-29
[30] US (61/640,456) 2012-04-30
[30] US (13/570,919) 2012-08-09

---

[11] **2,814,530**
[13] C
[51] **Int.Cl. H02K 7/065 (2006.01)**
[25] EN
[54] **AN IMPROVED MAGNETIC MOTOR**
[54] **MOTEUR MAGNETIQUE AMELIORE**
[72] HUNSTABLE, FRED E., US
[73] LINEAR LABS, INC., US
[85] 2013-04-11
[86] 2011-10-21 (PCT/US2011/057318)
[87] (WO2012/054852)
[30] US (61/406,031) 2010-10-22

[11] **2,814,828**
[13] C
[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/343 (2006.01) A61K 31/4545 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 45/00 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATMENT FOR MENTAL DISORDERS**
[54] **PROCEDE DE TRAITEMENT DE TROUBLES MENTAUX**
[72] IKEDA, KAZUHITO, JP
[72] ISHIYAMA, TAKEO, JP
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2013-04-15
[86] 2011-05-24 (PCT/JP2011/062314)
[87] (WO2012/063513)
[30] US (61/411,081) 2010-11-08
[30] JP (2011-033453) 2011-02-18

[11] **2,815,276**
[13] C
[51] **Int.Cl. C12N 5/00 (2006.01) A61L 27/36 (2006.01) A61L 27/38 (2006.01) A61L 27/52 (2006.01) C08J 3/075 (2006.01) C08L 1/02 (2006.01) C12N 11/12 (2006.01)**
[25] EN
[54] **PLANT DERIVED CELL CULTURE MATERIAL**
[54] **MATIERE DE CULTURE CELLULAIRE D'ORIGINE VEGETALE**
[72] YLIPERTTULA, MARJO, FI
[72] LAUREN, PATRICK, FI
[72] BHATTACHARYA, MADHUSHREE, FI
[72] LOU, YANRU, FI
[72] LAUKKANEN, ANTTI, FI
[73] UPM-KYMMENE CORPORATION, FI
[85] 2013-04-19
[86] 2011-10-26 (PCT/FI2011/050939)
[87] (WO2012/056109)
[30] FI (20106121) 2010-10-27

[11] **2,815,727**
[13] C
[51] **Int.Cl. C12N 15/863 (2006.01) C12N 15/113 (2010.01) C07K 14/07 (2006.01)**
[25] EN
[54] **MODULATION OF IMMUNE RESPONSES BY THE POXVIRAL K4 PROTEIN**
[54] **MODULATION DE REPONSES IMMUNITAIRES PAR LA PROTEINE K4 DE POXVIRUS**
[72] HAUSMANN, JUERGEN, DE
[72] HOCHREIN, HUBERTUS, DE
[72] MEISINGER-HENSCHEL, CHRISTINE, DE
[73] BAVARIAN NORDIC A/S, DK
[85] 2013-04-24
[86] 2011-11-07 (PCT/EP2011/005584)
[87] (WO2012/059243)
[30] US (61/410,427) 2010-11-05

[11] **2,815,775**
[13] C
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/10 (2006.01) C02F 3/28 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **WASTEWATER TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT DES EAUX USEES**
[72] KELLAR, KENNETH EDMUND, US
[72] ALLEN, MEGAN, US
[72] EDWARDS, CHRISTINA, US
[72] LOOZE, EMILY, US
[72] OVERSTREET, LARRY, US
[73] NOVOZYMES BIOLOGICALS, INC., US
[85] 2013-04-24
[86] 2011-10-24 (PCT/US2011/057482)
[87] (WO2012/058152)
[30] US (61/406,746) 2010-10-26
[30] US (61/425,060) 2010-12-20
[30] US (61/435,455) 2011-01-24

[11] **2,816,022**
[13] C
[51] **Int.Cl. A61K 31/517 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **QUINAZOLINE DERIVATIVES, COMPOSITIONS, AND USES RELATED THERETO**
[54] **DERIVES QUINAZOLINE, COMPOSITIONS ET UTILISATIONS CORRESPONDANTES**
[72] LAMBETH, JOHN DAVID, US
[72] GANESH, THOTA, US
[72] SMITH, SUSAN M., US
[72] SUN, AIMING, US
[73] EMORY UNIVERSITY, US
[85] 2013-04-25
[86] 2011-10-25 (PCT/US2011/057671)
[87] (WO2012/058211)
[30] US (61/407,925) 2010-10-29

[11] **2,816,452**
[13] C
[51] **Int.Cl. C10M 169/04 (2006.01) C10M 145/14 (2006.01) C10M 145/22 (2006.01)**
[25] EN
[54] **PERCUSSION EQUIPMENT LUBRICANT COMPOSITIONS COMPRISING A GROUP I OR II BASE OIL, SULFUR-PHOSPHORUS HYDROCARBONS, AND SYNTHETIC ESTER FRICTION MODIFIER**
[54] **COMPOSITIONS LUBRIFIANTES D'EQUIPEMENT A PERCUSSION RENFERMANT UNE HUILEDE BASE DU GROUPE I OU II, DES HYDROCARBURES SULFURO-PHOSPHOREUX ET UN MODIFICATEUR DE FRICTION A ESTER SYNTHETIQUE**
[72] KNOTTS, NATHAN, US
[72] HEE, ALLAN GEORGE, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-04-29
[86] 2011-11-17 (PCT/US2011/061242)
[87] (WO2012/068403)
[30] US (61/415,751) 2010-11-19

[11] **2,816,499**
[13] C
[51] **Int.Cl. E05C 3/12 (2006.01) E05C 1/08 (2006.01)**
[25] EN
[54] **HARDWARE FOR A HINGED SIDELIGHT PANEL**
[54] **QUINCAILLERIE POUR PANNEAU D'ECLAIRAGE LATERAL ARTICULE**
[72] BAUMAN, LEONARD P., US
[72] NAKANISHI, YOSHIKAZU, JP
[72] SHIMOJI, MANABU, JP
[72] SUZUKI, NAOKAZU, JP
[73] TRUTH HARDWARE CORPORATION, US
[86] (2816499)
[87] (2816499)
[22] 2013-05-21
[30] US (61/649,170) 2012-05-18
[30] US (13/842,494) 2013-03-15

[11] **2,816,912**
[13] C
[51] **Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **MMP8 INACTIVATING ANTIGEN BINDING PROTEINS**
[54] **PROTEINES FIXANT DES ANTIGENES INACTIVANT LA MMP8**
[72] LIBERT, CLAUDE, BE
[72] DEJONCKHEERE, ELINE, BE
[72] VANDENBROUCKE, ROOSMARIJN, BE
[73] UNIVERSITEIT GENT, BE
[73] VIB VZW, BE
[85] 2013-05-03
[86] 2011-11-02 (PCT/EP2011/069238)
[87] (WO2012/059513)
[30] GB (1018602.1) 2010-11-04

[11] ***2,817,119**
[13] C
[51] **Int.Cl. G06F 11/14 (2006.01)**
[25] EN
[54] **SYNTHETIC BACKUPS WITHIN DEDUPLICATION STORAGE SYSTEM**
[54] **SAUVEGARDE SYNTHETIQUE DANS UN SYSTEME DE STOCKAGE A DEDUPLICATION**
[72] ARONOVICH, LIOR, CA
[72] TOAFF, YAIR, IL
[72] HIRSCH, MICHAEL, IL
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-05-06
[86] 2011-11-16 (PCT/EP2011/070290)
[87] (WO2012/072419)
[30] US (12/958,205) 2010-12-01

[11] **2,817,331**
[13] C
[51] **Int.Cl. C07D 311/58 (2006.01) A61K 31/352 (2006.01) A61K 31/353 (2006.01) A61K 31/357 (2006.01) A61K 31/436 (2006.01) A61K 31/4741 (2006.01) A61P 35/00 (2006.01) C07D 413/04 (2006.01) C07D 491/04 (2006.01) C07D 493/04 (2006.01)**
[25] EN
[54] **CHROMENE DERIVATIVES AND THEIR ANALOGA AS WNT PATHWAY ANTAGONISTS**
[54] **DERIVES DE CHROMENE ET LEURS ANALOGUES A TITRE D'ANTAGONISTES DE LA VOIE WNT**
[72] BOUTROS, MICHAEL, DE
[72] MASKEY, RAJENDRA-PRASAD, DE
[72] KOCH, CORINNA, DE
[72] FUCHS, FLORIAN, DE
[72] STEINBRINK, SANDRA, DE
[72] GILBERT, DANIEL, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM (DKFZ), DE
[73] RUPRECHTS-KARLS-UNIVERSITAT HEIDELBERG, DE
[85] 2013-05-08
[86] 2011-11-11 (PCT/EP2011/069927)
[87] (WO2012/062901)
[30] EP (10191072.7) 2010-11-12

[11] **2,817,480**
[13] C
[51] **Int.Cl. F24F 13/14 (2006.01) F24F 13/24 (2006.01) G01M 3/26 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR MEASURING THE AIR PERMEABILITY OF A BUILDING**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE LA PERMEABILITE A L'AIR D'UN BATIMENT**
[72] MENEZ, LUDIVINE, FR
[72] HANNECART, VINCENT, FR
[72] JEUDI, CHRISTOPHE, FR
[72] BOURASSEAU, ERIC, FR
[72] BOUVET, CHRISTIAN, FR
[72] CERISIER, ANTOINE, FR
[73] SAINT-GOBAIN ISOVER, FR
[73] UBAT CONTROLE, FR
[85] 2013-05-09
[86] 2011-11-22 (PCT/FR2011/052731)
[87] (WO2012/069761)
[30] FR (1004539) 2010-11-22
[30] FR (1059648) 2010-11-23

[11] **2,818,179**
[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A45D 34/04 (2006.01)**
[25] EN
[54] **CLICK PEN APPLICATOR DEVICE AND METHOD OF USING SAME**
[54] **DISPOSITIF DE STYLO APPLICATEUR A POUSSOIR ET PROCEDE POUR L'UTILISER**
[72] JOHNSON, ROBERT C., US
[72] WIGHTMAN, JAMES C., US
[72] FUREY, MICHAEL, US
[72] HAYET, JEFF, US
[73] BAYER CONSUMER CARE AG, CH
[85] 2013-05-15
[86] 2011-11-18 (PCT/US2011/061327)
[87] (WO2012/068432)
[30] US (61/415,522) 2010-11-19

[11] **2,818,227**
[13] C
[51] **Int.Cl. B65D 25/00 (2006.01)**
[25] EN
[54] **STORAGE DEVICE WITH HINGED LID**
[54] **DISPOSITIF DE STOCKAGE AVEC COUVERCLE A CHARNIERE**
[72] PHILLIPS, WILLIAM, US
[72] VOGLER, MICHAEL, US
[73] SUNCAST TECHNOLOGIES, LLC, US
[86] (2818227)
[87] (2818227)
[22] 2013-06-07
[30] US (13/709,772) 2012-12-10

---

[11] **2,818,739**
[13] C
[51] **Int.Cl. E01F 15/14 (2006.01) F16F 7/12 (2006.01)**
[25] EN
[54] **IMPACT ATTENUATOR FOR VEHICLES**
[54] **ATTENUATEUR D'IMPACT POUR VEHICULES**
[72] GISSLIN, LARS-AKE, SE
[73] VIK ORSTA AS, NO
[85] 2013-05-22
[86] 2011-12-01 (PCT/SE2011/051465)
[87] (WO2012/074480)
[30] SE (1051278-8) 2010-12-02

---

[11] **2,818,752**
[13] C
[51] **Int.Cl. C11C 5/00 (2006.01) C11C 5/02 (2006.01)**
[25] EN
[54] **LIPID-BASED WAX COMPOSITIONS SUBSTANTIALLY FREE OF FAT BLOOM AND METHODS OF MAKING**
[54] **COMPOSITIONS DE CIRE A BASE DE LIPIDES ESSENTIELLEMENT EXEMPTES DE BLANCHIMENT GRAS ET PROCEDES DE PREPARATION ASSOCIES**
[72] MURPHY, TIMOTHY A., US
[72] RUSSELL, STEPHEN E., US
[73] CARGILL, INCORPORATED, US
[85] 2013-05-22
[86] 2011-11-21 (PCT/US2011/061603)
[87] (WO2012/071306)
[30] US (61/416,586) 2010-11-23

---

[11] **2,819,270**
[13] C
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 31/08 (2006.01) A01N 43/28 (2006.01) A01N 43/90 (2006.01) A01N 57/32 (2006.01) A01N 63/00 (2006.01) A01N 63/02 (2006.01) A01N 63/04 (2006.01) A01N 65/00 (2009.01) A01P 5/00 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **ACTIVE INGREDIENT COMBINATIONS COMPRISING PYRIDYLETHYLBENZAMIDES AND OTHER ACTIVE INGREDIENTS**
[54] **COMBINAISON DE PRINCIPES ACTIFS CONTENANT DES PYRIDYLETHYLBENZAMIDES ET D'AUTRES PRINCIPES ACTIFS**
[72] HUNGENBERG, HEIKE, DE
[72] RIECK, HEIKO, DE
[72] MASTERS, ROBERT, DE
[73] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2013-05-29
[86] 2011-11-30 (PCT/EP2011/071418)
[87] (WO2012/072696)
[30] EP (10193335.6) 2010-12-01
[30] US (61/419,438) 2010-12-03

---

[11] ***2,819,469**
[13] C
[51] **Int.Cl. H01L 29/66 (2006.01) B82Y 10/00 (2011.01) B82Y 40/00 (2011.01) H01L 29/06 (2006.01) H01L 29/10 (2006.01) H01L 29/775 (2006.01)**
[25] EN
[54] **STRAINED NANOWIRE DEVICES**
[54] **DISPOSITIFS A NANOFIL CONTRAINT**
[72] GOTSMANN, BERND W., CH
[72] KARG, SIEGFRIED FRIEDRICH, CH
[72] RIEL, HEIKE E., CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-04-15
[86] 2011-11-02 (PCT/IB2011/054864)
[87] (WO2012/066444)
[30] EP (10191466.1) 2010-11-17

---

[11] **2,819,472**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REMOVING EXUDATES FROM A WOUND SITE**
[54] **PROCEDE ET SYSTEME POUR EVACUER DES EXSUDATS D'UNE PLAIE**
[72] TOTH, LANDY, US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2013-05-30
[86] 2011-12-07 (PCT/US2011/063686)
[87] (WO2012/078723)
[30] US (61/421,012) 2010-12-08
[30] US (61/421,006) 2010-12-08

---

[11] **2,819,549**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) A61B 5/145 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **WOUND EXUDATE SYSTEM ACCESSORY**
[54] **ACCESSOIRE DE SYSTEME D'EXSUDATS DE PLAIE**
[72] TOTH, LANDY, US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2013-05-30
[86] 2011-12-07 (PCT/US2011/063784)
[87] (WO2012/078784)
[30] US (61/420,996) 2010-12-08

[11] **2,819,759**
[13] C
[51] **Int.Cl. C07C 217/08 (2006.01) C07C 213/06 (2006.01) C07C 217/46 (2006.01) C07D 295/02 (2006.01) C07D 295/023 (2006.01) C07D 317/08 (2006.01) C08F 8/32 (2006.01) C08F 8/34 (2006.01)**
[25] EN
[54] **NOVEL AGENTS FOR REWORKABLE EPOXY RESINS**
[54] **NOUVEAUX AGENTS POUR DES RESINES EPOXY POUVANT ETRE REMANIEES**
[72] PASTINE, STEFAN J., US
[72] LIANG, BO, US
[72] QIN, BING, CN
[73] CONNORA TECHNOLOGIES, INC., US
[85] 2013-05-30
[86] 2011-07-08 (PCT/CN2011/076980)
[87] (WO2012/071896)
[30] US (61/344,962) 2010-11-30

[11] **2,820,729**
[13] C
[51] **Int.Cl. B31F 1/20 (2006.01) B31B 50/20 (2017.01) B31B 50/62 (2017.01)**
[25] EN
[54] **METHODS FOR MAKING PAPERBOARD BLANKS AND PAPERBOARD PRODUCTS THEREFROM**
[54] **PROCEDES DE FABRICATION DE DECOUPES EN CARTON ET PRODUITS EN CARTON FABRIQUES A PARTIR DE CEUX-CI**
[72] FIKE, GREGORY M., US
[72] FOJTIK, ANDREW J., US
[72] KULES, KRISTOPHER A., US
[72] POUNDER, JOSEPH R., US
[72] BREINING, MICHAEL A., US
[73] GPCP IP HOLDINGS LLC, US
[86] (2820729)
[87] (2820729)
[22] 2013-06-27
[30] US (13/538,085) 2012-06-29

[11] **2,821,247**
[13] C
[51] **Int.Cl. B65B 31/02 (2006.01)**
[25] EN
[54] **DEVICE FOR VACUUM PACKAGING, PARTICULARLY OF FOOD PRODUCTS**
[54] **DISPOSITIF DE CONDITIONNEMENT SOUS VIDE, EN PARTICULIER POUR LE CONDITIONNEMENT DE PRODUITS ALIMENTAIRES**
[72] SCOLARO, MAURO, IT
[73] BLU PACK DI SCOLARO MAURO, IT
[73] EXTRU SA, ES
[85] 2013-06-11
[86] 2011-12-12 (PCT/IB2011/055606)
[87] (WO2012/080932)
[30] IT (TV2010A000164) 2010-12-13

[11] **2,822,114**
[13] C
[51] **Int.Cl. A61K 38/20 (2006.01) C12N 15/113 (2010.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SIRNA AGAINST CBL-B AND OPTIONALLY IL-2 AND IL-12 FOR USE IN THE TREATMENT OF CANCER**
[54] **ARNSI DIRIGE CONTRE CB1-B ET OPTIONNELLEMENT IL2 ET IL12 A UTILISER DANS LE TRAITEMENT DU CANCER**
[72] LAMETSCHWANDTNER, GUNTHER, AT
[72] LOIBNER, HANS, AT
[72] SCHUSTER, MANFRED, AT
[72] HASLINGER, ISABELLA, AT
[72] SEIDL, SANDRA, AT
[73] APEIRON BIOLOGICS AG, AT
[85] 2013-06-18
[86] 2011-12-27 (PCT/EP2011/074099)
[87] (WO2012/089736)
[30] EP (10197146.3) 2010-12-28

[11] **2,822,325**
[13] C
[51] **Int.Cl. A61K 8/58 (2006.01) A61K 8/06 (2006.01) A61K 8/44 (2006.01)**
[25] EN
[54] **USE OF GLUTAMIDE STABILIZERS**
[54] **UTILISATION DE STABILISANTS A BASE DE GLUTAMIDE**
[72] DO, THI N., US
[72] ROBINSON, FREDA E., US
[72] KALAFSKY, ROBERT E., US
[73] AVON PRODUCTS, INC., US
[85] 2013-06-19
[86] 2011-11-21 (PCT/US2011/061637)
[87] (WO2012/091823)
[30] US (12/979,539) 2010-12-28

[11] **2,823,337**
[13] C
[51] **Int.Cl. G01N 33/483 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C40B 40/10 (2006.01) G01N 30/72 (2006.01) G01N 33/487 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **HER3 PROTEIN SRM/MRM ASSAY**
[54] **ANALYSE PAR SRM/MRM DE PROTEINES HER3**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[73] EXPRESSION PATHOLOGY, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067998)
[87] (WO2012/092531)
[30] US (61/428,147) 2010-12-29

[11] **2,823,635**
[13] C
[51] **Int.Cl. B01J 4/00 (2006.01) C07B 33/00 (2006.01)**
[25] EN
[54] **IMPROVED OXIDATION METHOD AND REACTOR**
[54] **PROCEDE ET REACTEUR D'OXYDATION PERFECTIONNES**
[72] SUCHAK, NARESH, US
[72] CHA, ZHIXIONG, US
[72] FITCH, FRANK R., US
[73] LINDE AKTIENGESELLSCHAFT, DE
[85] 2013-07-02
[86] 2011-12-02 (PCT/US2011/063048)
[87] (WO2012/094078)
[30] US (12/984,206) 2011-01-04

[11] **2,824,141**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **SEED INDUCTOR BOX FOR AN AGRICULTURAL IMPLEMENT HAVING MULTIPLE AIR PATHS**
[54] **DISPOSITIF D'INDUCTION DE SEMENCES POUR UNE MACHINE AGRICOLE A TRAJETS D'AIR MULTIPLES**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2824141)
[87] (2824141)
[22] 2013-08-21
[30] US (13/737,831) 2013-01-09

---

[11] **2,825,063**
[13] C
[51] **Int.Cl. B65D 51/28 (2006.01)**
[25] EN
[54] **BOTTLE WITH DISPENSING DEVICE**
[54] **BOUTEILLE COMPRENANT UN DISPOSITIF DE DISTRIBUTION**
[72] THOMAN, FEDERICO, IT
[72] THOMAN, STEFANO, IT
[73] COSWELL S.P.A., IT
[85] 2013-07-17
[86] 2012-02-10 (PCT/IB2012/000277)
[87] (WO2012/117281)
[30] IT (MI2011U00054) 2011-02-16

---

[11] **2,825,868**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) F16K 31/02 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **READING AND ADJUSTING TOOL FOR HYDROCEPHALUS SHUNT VALVE**
[54] **OUTIL DE LECTURE ET DE REGLAGE DESTINE A UN ROBINET DE DERIVATION D'HYDROCEPHALIE**
[72] PRISCO, JOHN R., US
[72] MURPHY, JOHN MURDOCK, US
[72] HEI, JAMIE, US
[72] MAYOR, LAETITIA, CH
[72] JAQUIER, PIERRE, CH
[73] MEDTRONIC XOMED, INC., US
[85] 2013-07-26
[86] 2012-01-17 (PCT/US2012/021563)
[87] (WO2012/102905)
[30] US (13/015,195) 2011-01-27

---

[11] **2,826,941**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/17 (2006.01) A61B 17/70 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC DEVICE**
[54] **DISPOSITIF ORTHOPEDIQUE**
[72] BUTTERMANN, GLENN R., US
[73] DYNAMIC SPINE, LLC, US
[85] 2013-08-08
[86] 2012-02-13 (PCT/US2012/024862)
[87] (WO2012/112444)
[30] US (61/442,646) 2011-02-14

---

[11] **2,827,316**
[13] C
[51] **Int.Cl. E06B 9/326 (2006.01) E06B 9/00 (2006.01)**
[25] EN
[54] **STIFFENED PULL CORD FOR ARCHITECTURAL COVERINGS**
[54] **CORDON DE TIRAGE RENFORCE POUR DES REVETEMENTS ARCHITECTURAUX**
[72] KOVACH, JOSEPH E., US
[72] SWISZCZ, PAUL G., US
[73] HUNTER DOUGLAS INC., US
[85] 2013-08-13
[86] 2012-02-16 (PCT/US2012/025507)
[87] (WO2012/112809)
[30] US (61/443,578) 2011-02-16
[30] US (61/443,575) 2011-02-16
[30] US (61/451,364) 2011-03-10
[30] US (61/451,372) 2011-03-10

---

[11] **2,827,523**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING AN AUTOMATIC AND SELF-GUIDED MEDICAL EXAMINATION**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EXECUTER UN EXAMEN MEDICAL AUTOMATIQUE ET AUTOGUIDE**
[72] GILAD-GILOR, DAVID, IL
[73] TYTO CARE LTD., IL
[85] 2013-08-15
[86] 2012-02-16 (PCT/IL2012/050050)
[87] (WO2012/111012)
[30] US (61/443,767) 2011-02-17

---

[11] **2,828,127**
[13] C
[51] **Int.Cl. G01N 33/28 (2006.01) B01D 11/04 (2006.01) B01D 53/14 (2006.01) C10G 21/14 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE CONTENT OF HYDROGEN SULFIDE IN CRUDE AND RESIDUE OILS**
[54] **PROCEDE POUR DETERMINER LA TENEUR EN HYDROGENE SULFURE DANS DES HUILES BRUTES ET DES HUILES RESIDUELLES**
[72] FEUSTEL, MICHAEL, DE
[72] BRAUCHLE, MICHAEL, DE
[72] ANDRIN, DOMINKO, DE
[72] KRULL, MATTHIAS, DE
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2013-08-23
[86] 2012-02-14 (PCT/EP2012/000651)
[87] (WO2012/113519)
[30] DE (10 2011 012 445.4) 2011-02-25
[30] DE (10 2011 113 943.9) 2011-09-20

---

[11] **2,828,664**
[13] C
[51] **Int.Cl. A01M 31/00 (2006.01)**
[25] EN
[54] **HARMONICA-STYLE GOOSE CALL**
[54] **DISPOSITIF D'APPEL D'OIE DE TYPE HARMONICA**
[72] OVAYUAK, KELLY, CA
[73] OVAYUAK, KELLY, CA
[86] (2828664)
[87] (2828664)
[22] 2013-10-02

[11] **2,829,748**
[13] C
[51] **Int.Cl. H02G 3/30 (2006.01) B60R 16/02 (2006.01) B64C 1/00 (2006.01) F16L 3/127 (2006.01) F16L 3/223 (2006.01) H01B 17/16 (2006.01)**
[25] EN
[54] **STANDOFF DEVICE AND METHOD OF INSTALLATION OF HARNESS**
[54] **DISPOSITIF A DISTANCE ET PROCEDE D'INSTALLATION DE FAISCEAU**
[72] PAUZE, MARTIN, CA
[72] WOOD, KEITH ANTONY, CA
[72] DESHAIES, MARTIN, CA
[72] LANDRY, PIERRE, CA
[73] BOMBARDIER INC., CA
[85] 2013-09-10
[86] 2011-03-10 (PCT/IB2011/000512)
[87] (WO2012/120321)

---

[11] **2,829,981**
[13] C
[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL STAPLE CARTRIDGES AND END EFFECTORS WITH VESSEL MEASUREMENT ARRANGEMENTS**
[54] **CARTOUCHES D'AGRAFES CHIRURGICALES ET EFFECTEURS D'EXTREMITE A AGENCEMENTS DE MESURE DE VAISSEAU**
[72] O'CONNOR, MEGAN A., US
[72] KRUTH, ROBERT P., US
[72] SWAYZE, JEFFREY S., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2013-09-11
[86] 2012-03-13 (PCT/US2012/028905)
[87] (WO2012/125624)
[30] US (13/048,590) 2011-03-15

---

[11] **2,830,254**
[13] C
[51] **Int.Cl. C07K 16/00 (2006.01)**
[25] EN
[54] **FC VARIANTS**
[54] **VARIANTS DE FC**
[72] LIU, ZHI, US
[72] KANNAN, GUNASEKARAN, US
[72] YAN, WEI, US
[73] AMGEN INC., US
[85] 2013-09-12
[86] 2012-03-15 (PCT/US2012/029271)
[87] (WO2012/125850)
[30] US (61/453,433) 2011-03-16

---

[11] **2,830,325**
[13] C
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/10 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **CYCLIC PEPTIDES WITH AN ANTI-NEOPLASIC AND ANTI-ANGIOGENIC ACTIVITY**
[54] **PEPTIDES CYCLIQUES A ACTIVITE NEOPLASIQUE ET ANTIANGIONENIQUE**
[72] ABRAHANTES PEREZ, MARIA DEL CARMEN, CU
[72] CHINEA SANTIAGO, GLAY, CU
[72] MARTINEZ DIAZ, EDUARDO, CU
[72] GARAY PEREZ, HILDA ELISA, CU
[72] REYES ACOSTA, OSVALDO, CU
[72] LOPEZ MOLA, ERNESTO, CU
[72] LOPEZ ABAD, CRUZ MATILDE, CU
[72] GONZALEZ BLANCO, SONIA, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2013-09-16
[86] 2012-03-21 (PCT/CU2012/000002)
[87] (WO2012/126441)
[30] CU (2011/0067) 2011-03-21

---

[11] **2,831,066**
[13] C
[51] **Int.Cl. B65D 1/40 (2006.01)**
[25] EN
[54] **FLEXIBLE PANEL TO OFFSET PRESSURE DIFFERENTIAL**
[54] **PANNEAU SOUPLE POUR COMPENSER UN DIFFERENTIEL DE PRESSION**
[72] DYGERT, DOUG, US
[72] GAMBER, DAN, US
[72] WOODRING, DOUG, US
[73] RING CONTAINER TECHNOLOGIES, US
[85] 2013-09-23
[86] 2012-03-26 (PCT/US2012/030555)
[87] (WO2012/129559)
[30] US (61/467,010) 2011-03-24

---

[11] **2,831,726**
[13] C
[51] **Int.Cl. H01R 24/38 (2011.01) H01R 9/05 (2006.01)**
[25] EN
[54] **CONTINUITY MAINTAINING BIASING MEMBER**
[54] **ELEMENT DE SOLLICITATION A MAINTIEN DE LA CONTINUITE**
[72] MONTENA, NOAH, US
[72] EHRET, TREVOR, US
[72] HAUBE, RICHARD, US
[72] ZRAIK, SOUHEIL, US
[73] PPC BROADBAND, INC., US
[85] 2013-09-27
[86] 2012-03-29 (PCT/US2012/031185)
[87] (WO2012/135482)
[30] US (13/075,406) 2011-03-30

---

[11] **2,832,453**
[13] C
[51] **Int.Cl. H01B 5/10 (2006.01) B29C 70/52 (2006.01)**
[25] EN
[54] **ELECTRICAL TRANSMISSION CABLES WITH COMPOSITE CORES**
[54] **CABLES ELECTRIQUES DE TRANSMISSION COMPORTANT DES AMES COMPOSITES**
[72] DANIEL, ALLAN, US
[72] SPRINGER, PAUL, US
[72] HAWIG, YUHSIN, US
[72] LANCASTER, MARK, US
[72] EASTEP, DAVID W., US
[72] NELSON, SHERRI M., US
[72] TIBOR, TIM, US
[72] REGAN, TIM, US
[72] WESLEY, MICHAEL L., US
[73] SOUTHWIRE COMPANY, LLC, US
[85] 2013-10-04
[86] 2012-04-11 (PCT/US2012/033077)
[87] (WO2012/142129)
[30] US (61/474,423) 2011-04-12

[11] **2,832,820**
[13] C
[51] **Int.Cl. H02B 5/02 (2006.01)**
[25] EN
[54] **ELECTRICAL EQUIPMENT MOUNTING FRAME**
[54] **CADRE DE MONTAGE D'EQUIPEMENTS ELECTRIQUES**
[72] SHAW, STEVEN A., US
[72] STALLINGS, THOMAS L., US
[72] ACKERMANN, BRENT J., US
[72] KARANDIKAR, HARSHAVARDHAN M., US
[73] ABB SCHWEIZ AG, CH
[85] 2013-10-09
[86] 2012-04-10 (PCT/US2012/032916)
[87] (WO2012/142036)
[30] US (61/473,827) 2011-04-11

---

[11] **2,833,097**
[13] C
[51] **Int.Cl. H02H 5/04 (2006.01) H01R 13/713 (2006.01)**
[25] EN
[54] **OVERHEAT-RESISTANT POWER CORD AND METHOD**
[54] **CORDON D'ALIMENTATION RESISTANT A LA SURCHAUFFE ET METHODE**
[72] LAM, FUNG U., HK
[72] WU, YONG, CN
[72] CROWE, MATTHEW, CA
[73] TWIN-STAR INTERNATIONAL, INC., US
[86] (2833097)
[87] (2833097)
[22] 2013-11-12
[30] US (13/707,405) 2012-12-06

---

[11] **2,833,721**
[13] C
[51] **Int.Cl. A46B 9/04 (2006.01) A46B 7/00 (2006.01) A46B 13/02 (2006.01)**
[25] EN
[54] **TOOTH CLEANING DEVICE WITH SECTIONED PAD**
[54] **APPAREIL DE NETTOYAGE DENTAIRE DOTE DE COUSSINET SEGMENTE**
[72] GRUBER, JACK, US
[72] KOZLOSKI, EDWARD, US
[73] GRUBER, LLC, US
[85] 2013-10-18
[86] 2012-04-10 (PCT/US2012/032943)
[87] (WO2012/145199)
[30] US (13/091,063) 2011-04-20

---

[11] **2,833,905**
[13] C
[51] **Int.Cl. C12N 15/864 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **MULTICISTRONIC EXPRESSION CONSTRUCTS**
[54] **CONSTRUCTIONS D'EXPRESSION A CISTRONS MULTIPLES**
[72] GAO, GUANGPING, US
[72] XIE, JUN, US
[73] UNIVERSITY OF MASSACHUSETTS, US
[85] 2013-10-22
[86] 2011-04-22 (PCT/US2011/033596)
[87] (WO2011/133874)
[30] US (61/327,404) 2010-04-23

---

[11] **2,834,015**
[13] C
[51] **Int.Cl. B01J 23/75 (2006.01) B01J 23/889 (2006.01) B01J 23/89 (2006.01) B01J 35/00 (2006.01) B01J 37/08 (2006.01) C07C 1/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING A COBALT-CONTAINING HYDROCARBON SYNTHESIS CATALYST PRECURSOR**
[54] **UN PROCEDE DE PREPARATION D'UN PRECURSEUR CATALYSEUR DE SYNTHESE D'HYDROCARBURE RENFERMANT DU COBALT**
[72] BARRADAS, SEAN, ZA
[72] ELOFF, CORNELIA CAROLINA, ZA
[72] VISAGIE, JACOBUS LUCAS, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2013-10-22
[86] 2012-04-25 (PCT/IB2012/052069)
[87] (WO2012/153217)
[30] ZA (2011/03329) 2011-05-06

---

[11] **2,834,258**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 8/12 (2006.01) A61B 8/14 (2006.01)**
[25] EN
[54] **BIOPSY DEVICE WITH MANIFOLD ALIGNMENT FEATURE AND TISSUE SENSOR**
[54] **DISPOSITIF DE BIOPSIE AVEC ELEMENT D'ALIGNEMENT DE COLLECTEUR ET DETECTEUR DE TISSU**
[72] MOORE, KYLE P., US
[72] CRAIG, HAROLD W., US
[72] SPEEG, TREVOR W. V., US
[72] TANGHAL, EMMANUEL V., US
[72] MESCHER, PATRICK A., US
[72] MUMAW, DANIEL J., US
[72] KOHNHORST, LOIS L., US
[72] DODD, KATHRYN M., US
[73] DEVICOR MEDICAL PRODUCTS, INC., US
[85] 2013-10-24
[86] 2012-04-19 (PCT/US2012/034169)
[87] (WO2012/151053)
[30] US (13/099,497) 2011-05-03

---

[11] **2,834,366**
[13] C
[51] **Int.Cl. A61B 5/1455 (2006.01)**
[25] EN
[54] **TISSUE CLAMP FOR NONINVASIVE PHYSIOLOGICAL MEASUREMENT**
[54] **PINCE A TISSU POUR MESURE PHYSIOLOGIQUE NON INVASIVE**
[72] ISAACSON, PHILIP O., US
[72] JONES, BRYANT AUSTIN, US
[72] JOHNSON, TIMOTHY L., US
[72] HOLLAND, CHRISTOPHER, US
[72] PRIOR, MATTHEW, US
[73] NONIN MEDICAL, INC., US
[85] 2013-10-25
[86] 2012-04-26 (PCT/US2012/035224)
[87] (WO2012/149168)
[30] US (61/479,544) 2011-04-27

[11] **2,834,591**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **AN ELECTROSURGICAL PENCIL, A KIT OF PARTS COMPRISING AN ELECTROSURGICAL PENCIL, AND A METHOD OF PROVIDING AN ELECTROSURGICAL PENCIL**
[54] **STYLO ELECTROCHIRURGICAL, TROUSSE DE PIECES COMPRENANT UN STYLO ELECTROCHIRURGICAL, ET PROCEDE POUR OBTENIR UN STYLO ELECTROCHIRURGICAL**
[72] BUSCH-MADSEN, MICHAEL, DK
[72] BUSCH-MADSEN, PATRICK, DK
[73] CIMPAX APS, DK
[85] 2013-10-29
[86] 2012-05-18 (PCT/DK2012/050176)
[87] (WO2012/155922)
[30] DK (PA 2011 70251) 2011-05-19

[11] **2,835,086**
[13] C
[51] **Int.Cl. G02B 5/10 (2006.01) G02B 5/08 (2006.01) G02B 7/182 (2006.01) G02B 26/08 (2006.01) G09B 9/08 (2006.01) G09B 9/30 (2006.01) G09B 9/32 (2006.01)**
[25] EN
[54] **THIN FILM MIRROR**
[54] **MIROIR A FILM MINCE**
[72] OLIVE, GRAHAM, GB
[72] BARNES, GRAHAM, GB
[72] NICHOLSON-COLE, HENRY, GB
[73] L3 COMMERCIAL TRAINING SOLUTIONS LIMITED, GB
[85] 2013-11-04
[86] 2012-05-04 (PCT/GB2012/050993)
[87] (WO2012/150470)
[30] GB (1107463.0) 2011-05-04

[11] **2,835,138**
[13] C
[51] **Int.Cl. H02K 1/14 (2006.01) H02K 1/02 (2006.01) H02K 1/16 (2006.01) H02K 1/27 (2006.01) H02K 15/00 (2006.01) H02K 29/03 (2006.01)**
[25] EN
[54] **LOW-COST LOW-COG PM MACHINE**
[54] **MACHINE PM ECONOMIQUE A FAIBLE SAILLANCE**
[72] MCINTOSH, DEVON R., US
[73] MCINTOSH, DEVON R., US
[85] 2013-11-04
[86] 2012-06-22 (PCT/US2012/043850)
[87] (WO2013/003241)
[30] US (61/503,438) 2011-06-30

[11] **2,835,249**
[13] C
[51] **Int.Cl. E21B 7/08 (2006.01)**
[25] EN
[54] **ROTARY STEERABLE TOOL**
[54] **OUTIL ORIENTABLE ROTATIF**
[72] KORCHOUNOV, ALEXANDRE, CA
[73] KORCHOUNOV, ALEXANDRE, CA
[85] 2013-11-06
[86] 2012-05-30 (PCT/CA2012/050358)
[87] (WO2012/162833)
[30] US (61/491,298) 2011-05-30

[11] **2,835,267**
[13] C
[51] **Int.Cl. B08B 9/08 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DRAINING AND RINSING CONTAINERS FILLED WITH FLUID**
[54] **DISPOSITIF ET PROCEDE DE VIDANGE ET DE RINCAGE DE RESERVOIRS REMPLIS DE FLUIDE**
[72] HUBER, ROBERT, DE
[72] WEGKAMP, HEINZ-GERD, DE
[73] BASF SE, DE
[85] 2013-11-06
[86] 2012-05-16 (PCT/EP2012/059084)
[87] (WO2012/156433)
[30] EP (11166553.5) 2011-05-18

[11] **2,835,280**
[13] C
[51] **Int.Cl. G09F 3/03 (2006.01)**
[25] EN
[54] **REUSABLE BOLT ELECTRONIC SEAL MODULE WITH GPS/CELLULAR PHONE COMMUNICATIONS & TRACKING SYSTEM**
[54] **MODULE DE JOINT ELECTRONIQUE DE BOULON REUTILISABLE AVEC SYSTEME DE COMMUNICATION ET DE SUIVI GPS/DE TELEPHONE CELLULAIRE**
[72] DEBRODY, ROBERT, US
[72] RUTH, DONALD, US
[72] LUNDBERG, GEORGE, US
[72] DREISBACH, RICHARD, US
[73] E.J. BROOKS COMPANY, US
[85] 2013-11-06
[86] 2012-05-09 (PCT/US2012/037053)
[87] (WO2012/158421)
[30] US (13/110,313) 2011-05-18

[11] **2,835,601**
[13] C
[51] **Int.Cl. G21F 3/02 (2006.01) A61K 45/00 (2006.01) A61P 39/06 (2006.01) G21F 1/12 (2006.01)**
[25] EN
[54] **RADIATION PROTECTION DEVICE AND METHODS THEREOF**
[54] **DISPOSITIF DE RADIOPROTECTION ET PROCEDES DE CELUI-CI**
[72] MILSTEIN, OREN, US
[73] STEMRAD LTD., IL
[85] 2013-11-08
[86] 2012-05-10 (PCT/US2012/037335)
[87] (WO2012/154962)
[30] US (61/484,916) 2011-05-11

[11] **2,836,578**
[13] C
[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/0775 (2010.01)**
[25] EN
[54] **PASSAGING AND HARVESTING FORMULATION AND METHOD FOR HUMAN PLURIPOTENT STEM CELLS**
[54] **FORMULATION ET PROCEDE DE PASSAGE ET DE COLLECTE DE CELLULES SOUCHES PLURIPOTENTES HUMAINES**
[72] NIE, YING, US
[72] ROWLEY, JONATHAN ALLEN, US
[72] FELLNER, THOMAS, US
[72] WALSH, PATRICK, US
[73] LONZA WALKERSVILLE INC., US
[85] 2013-11-18
[86] 2012-05-17 (PCT/US2012/038321)
[87] (WO2012/158899)
[30] US (61/487,087) 2011-05-17

---

[11] **2,836,620**
[13] C
[51] **Int.Cl. E05B 73/00 (2006.01) A47F 7/024 (2006.01) H01R 13/639 (2006.01)**
[25] EN
[54] **ANTI-THEFT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES ANTIVOL**
[72] THEOBALD, JAMES, GB
[73] THEOBALD, JAMES, GB
[85] 2013-11-19
[86] 2012-05-24 (PCT/EP2012/059761)
[87] (WO2012/160168)
[30] GB (1108841.6) 2011-05-26

---

[11] **2,836,757**
[13] C
[51] **Int.Cl. A01N 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR INCREASING RESISTANCE OF PLANTS TO ABIOTIC STRESSES**
[54] **PROCEDES POUR AUGMENTER LA RESISTANCE DES PLANTES AUX STRESS ABIOTIQUES**
[72] FEFER, MICHAEL, CA
[72] LIU, JUN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2836757)
[87] (2836757)
[22] 2013-12-06

---

[11] **2,837,137**
[13] C
[51] **Int.Cl. B62J 11/00 (2006.01)**
[25] EN
[54] **MAGNETIC BOTTLE SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE BOUTEILLE MAGNETIQUE ET PROCEDES D'UTILISATION**
[72] GOLDMAN, ANTHONY R., US
[73] GOLDMAN, ANTHONY R., US
[85] 2013-11-22
[86] 2012-05-02 (PCT/US2012/036185)
[87] (WO2012/151320)
[30] US (61/518,174) 2011-05-02
[30] US (61/571,254) 2011-06-23
[30] US (61/631,674) 2012-01-09

---

[11] **2,837,213**
[13] C
[51] **Int.Cl. H02B 1/04 (2006.01) H02B 1/044 (2006.01)**
[25] EN
[54] **INTEGRAL MODULE WITH LIGHTED FACEPLATE DISPLAY**
[54] **MODULE INTEGRE AVEC AFFICHAGE SUR FACADE ECLAIREE**
[72] MILLS, PATRICK WELLINGTON, US
[72] MCCORMICK, JAMES MICHAEL, US
[73] LABINAL, LLC, US
[85] 2013-11-22
[86] 2012-06-26 (PCT/US2012/044207)
[87] (WO2013/003354)
[30] US (61/501,513) 2011-06-27
[30] US (61/503,047) 2011-06-30

---

[11] **2,837,222**
[13] C
[51] **Int.Cl. A61K 39/015 (2006.01) A61P 33/06 (2006.01)**
[25] EN
[54] **BLOOD-STAGE MALARIA VACCINE**
[54] **VACCIN CONTRE LE PALUDISME AU STADE SANGUIN**
[72] LEE, MOSES, US
[72] GOOD, MICHAEL, AU
[72] SPITHILL, TERRY, AU
[73] GRIFFITH UNIVERSITY, AU
[73] LEE, MOSES, US
[73] LA TROBE UNIVERSITY, AU
[85] 2013-11-25
[86] 2012-05-28 (PCT/AU2012/000594)
[87] (WO2012/162731)
[30] US (61/490,761) 2011-05-27
[30] NL (2007292) 2011-08-23
[30] US (61/617,435) 2012-03-29

---

[11] **2,837,260**
[13] C
[51] **Int.Cl. A41D 13/00 (2006.01) A41B 9/06 (2006.01) A41D 1/08 (2018.01)**
[25] EN
[54] **ARTICLE OF SPORTS CLOTHING**
[54] **ARTICLE VESTIMENTAIRE DE SPORT**
[72] LAMBERTZ, BODO, CH
[73] X-TECHNOLOGY SWISS GMBH, CH
[85] 2013-11-25
[86] 2012-05-29 (PCT/DE2012/100158)
[87] (WO2012/159627)
[30] DE (20 2011 050 261.9) 2011-05-26

---

[11] **2,837,333**
[13] C
[51] **Int.Cl. C08L 75/04 (2006.01) B27N 1/00 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **BINDER COMPOSITION FOR USE IN CELLULOSIC COMPOSITES AND METHODS RELATED THERETO**
[54] **COMPOSITION DE LIANT A UTILISER DANS DES COMPOSITES CELLULOSIQUES ET PROCEDES S'Y RAPPORTANT**
[72] MORIARTY, CHRISTOPHER J., US
[72] SINGH, SACHCHIDA NAND, US
[72] OPPENHEIMER, GORDON D., US
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2013-11-25
[86] 2012-07-17 (PCT/US2012/047026)
[87] (WO2013/012845)
[30] US (13/187,286) 2011-07-20

[11] **2,837,520**
[13] C
[51] **Int.Cl. A61M 39/04 (2006.01) A61M 39/26 (2006.01) A61M 39/00 (2006.01)**
[25] EN
[54] **INJECTION SITE FOR TUBULAR MEDICAL CONNECTORS**
[54] **SITE D'INJECTION POUR RACCORDS MEDICAUX TUBULAIRES**
[72] GUALA, GIANNI, IT
[73] INDUSTRIE BORLA S.P.A., IT
[85] 2013-11-27
[86] 2012-05-31 (PCT/IB2012/052736)
[87] (WO2012/164514)
[30] IT (TO2011A000481) 2011-06-01

---

[11] **2,837,646**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) C09K 8/592 (2006.01)**
[25] EN
[54] **IMPROVING RECOVERY FROM A HYDROCARBON RESERVOIR**
[54] **AMELIORATION DE LA RECUPERATION A PARTIR D'UN RESERVOIR D'HYDROCARBURES**
[72] CHAKRABARTY, TAPANTOSH, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2837646)
[87] (2837646)
[22] 2013-12-19

---

[11] **2,837,671**
[13] C
[51] **Int.Cl. G05D 7/06 (2006.01) F24F 11/85 (2018.01) F28F 27/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR OPTIMIZATION OF CHILLED WATER PLANT SYSTEM OPERATION**
[54] **DISPOSITIF ET PROCEDE D'OPTIMISATION DU FONCTIONNEMENT D'UN SYSTEME D'UNE INSTALLATION D'EAU REFRIGEREE**
[72] HIGGINS, ROBERT, US
[72] MCMASTERS, BRENDAN, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2013-11-28
[86] 2012-05-04 (PCT/US2012/036435)
[87] (WO2012/166288)
[30] US (13/149,563) 2011-05-31

---

[11] **2,838,265**
[13] C
[51] **Int.Cl. G01D 5/02 (2006.01) G01D 13/00 (2006.01)**
[25] EN
[54] **INDICATING DEVICES AND ASSOCIATED METHODS**
[54] **DISPOSITIFS D'INDICATION ET PROCEDES ASSOCIES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] HOLLOWAY, DAVID CARR, US
[73] EATON INTELLIGENT POWER LIMITED, IE
[85] 2013-12-03
[86] 2012-05-25 (PCT/US2012/039662)
[87] (WO2012/170222)
[30] US (13/158,115) 2011-06-10

---

[11] **2,838,289**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 47/30 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE FORMULATIONS FOR DELIVERY OF PROTEINS TO THE EYE AND METHODS OF PREPARING SAME**
[54] **FORMULATION A LIBERATION PROLONGEE POUR ADMINISTRATION DE PROTEINES A L'□IL, ET LEURS PROCEDES DE PREPARATION**
[72] WONG, VERNON G., US
[72] WOOD, LOUIS L., US
[72] HUANG, GLENN T., US
[73] RAMSCOR, INC., US
[73] ICON BIOSCIENCE, INC., US
[85] 2013-12-03
[86] 2012-06-11 (PCT/US2012/041950)
[87] (WO2013/036309)
[30] US (61/495,672) 2011-06-10

---

[11] **2,838,456**
[13] C
[51] **Int.Cl. H04R 9/02 (2006.01)**
[25] EN
[54] **AN ELECTROMECHANICAL-ELECTROACOUSTIC TRANSDUCER WITH LOW THICKNESS AND HIGH TRAVEL RANGE AND RELEVANT MANUFACTURING METHOD**
[54] **TRANSDUCTEUR ELECTROMECANIQUE/ELECTROACOUSTIQUE DE FAIBLE EPAISSEUR ET DE PORTEE ELEVEE, ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] SERVADIO, MAURIZIO, IT
[73] SERVADIO, MAURIZIO, IT
[85] 2013-12-05
[86] 2012-06-06 (PCT/EP2012/060772)
[87] (WO2012/171846)
[30] IT (PD2011A000191) 2011-06-13

---

[11] **2,838,549**
[13] C
[51] **Int.Cl. B22D 17/20 (2006.01)**
[25] EN
[54] **PISTON FOR A DIE-CASTING MACHINE**
[54] **PISTON POUR MACHINE A COULER SOUS PRESSION**
[72] SCHIVALOCCHI, CARLO, IT
[72] SCHIVALOCCHI, CHIARA, IT
[72] SCHIVALOCCHI, NICOLA, IT
[73] COPROMEC DIE CASTING S.R.L. A SOCIO UNICO, IT
[85] 2013-12-03
[86] 2012-06-27 (PCT/IB2012/053256)
[87] (WO2013/001469)
[30] IT (BS2011A000095) 2011-06-28

[11] **2,838,721**
[13] C
[51] **Int.Cl. A47K 10/34 (2006.01) B65H 26/00 (2006.01) B65H 35/04 (2006.01) B65H 43/00 (2006.01)**
[25] EN
[54] **ELECTRONIC DISPENSER FOR FLEXIBLE ROLLED SHEET MATERIAL**
[54] **DISTRIBUTEUR ELECTRONIQUE POUR MATIERE EN FEUILLE LAMINEE SOUPLE**
[72] OSBORNE, CHARLES AGNEW, JR., US
[72] CHANG, TSU-LING, US
[73] VALVE SOLUTIONS, INC., US
[85] 2013-12-06
[86] 2012-06-07 (PCT/US2012/041377)
[87] (WO2012/173871)
[30] US (13/155,528) 2011-06-08

[11] **2,838,757**
[13] C
[51] **Int.Cl. E02D 27/42 (2006.01) E04H 12/22 (2006.01) E04H 15/32 (2006.01)**
[25] EN
[54] **IMPROVED FOOTING PLATES**
[54] **PLAQUES D'ASSISE AMELIOREES**
[72] DESPOTELLIS, NEIL, AU
[73] SUREFOOT SYSTEMS INTERNATIONAL LIMITED, HK
[85] 2013-12-09
[86] 2012-06-28 (PCT/AU2012/000760)
[87] (WO2013/000022)
[30] AU (2011902537) 2011-06-28

[11] **2,838,776**
[13] C
[51] **Int.Cl. A47C 23/06 (2006.01)**
[25] EN
[54] **SUPPORT ELEMENT FOR BED RESTS, IN PARTICULAR WITH SLATS, AND BED REST PROVIDED WITH A PLURALITY OF SUPPORT ELEMENTS**
[54] **ELEMENT DE SUPPORT POUR DOSSIER-LIT COMPORTANT NOTAMMENT DES LAMELLES, ET DOSSIER-LIT EQUIPE D'UNE PLURALITE D'ELEMENTS DE SUPPORT**
[72] GANDOLFI, STEFANO, IT
[73] GANDOLFI, STEFANO, IT
[85] 2013-12-09
[86] 2012-06-21 (PCT/IT2012/000191)
[87] (WO2012/176226)
[30] IT (VI2011A000164) 2011-06-21

[11] **2,839,212**
[13] C
[51] **Int.Cl. G01H 9/00 (2006.01) G01H 17/00 (2006.01)**
[25] EN
[54] **FIBER OPTIC CABLE WITH INCREASED DIRECTIONAL SENSITIVITY**
[54] **CABLE DE FIBRE OPTIQUE AVEC UNE MEILLEURE SENSIBILITE DIRECTIONNELLE**
[72] DEN BOER, JOHANNIS JOSEPHUS, NL
[72] KOELMAN, JOHANNES MARIA VIANNEY ANTONIUS, NL
[72] PEARCE, JEREMIAH GLEN, US
[72] FRANZEN, ANDRE, NL
[72] LUMENS, PAUL GERARD EDMOND, NL
[72] JOINSON, DANIEL, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-12-11
[86] 2012-06-18 (PCT/US2012/042919)
[87] (WO2012/177547)
[30] US (61/498,837) 2011-06-20

[11] **2,839,323**
[13] C
[51] **Int.Cl. B62B 3/04 (2006.01) A61G 7/08 (2006.01) B62B 3/02 (2006.01) B66F 7/26 (2006.01) B66F 9/12 (2006.01)**
[25] EN
[54] **LIFTING AND TRANSPORTING DEVICE FOR WHEELED OBJECTS INCLUDING HOSPITAL BEDS**
[54] **DISPOSITIF DE LEVAGE ET DE TRANSPORT POUR OBJETS SUR ROUES COMPRENANT DES LITS D'HOPITAL**
[72] MARCH, PETER RAYMOND, AU
[72] BELL, KENNETH IAN, AU
[73] AUSTECH AND DESIGN PTY LTD, AU
[85] 2013-12-13
[86] 2012-06-18 (PCT/AU2012/000702)
[87] (WO2012/171079)
[30] AU (2011902373) 2011-06-17
[30] AU (2011904214) 2011-10-12

[11] **2,839,762**
[13] C
[51] **Int.Cl. A61F 7/00 (2006.01) A61F 7/08 (2006.01) F25B 21/02 (2006.01) F25B 29/00 (2006.01)**
[25] EN
[54] **ELECTRONIC PERSONAL THERMAL CONTROL APPARATUS AND SYSTEM**
[54] **APPAREIL DE REGULATION THERMIQUE ELECTRONIQUE PERSONNEL ET SYSTEME ASSOCIE**
[72] LAVIN, EDWARD F., US
[73] MY CORE CONTROL, LLC, US
[85] 2013-12-17
[86] 2012-06-18 (PCT/US2012/042950)
[87] (WO2012/174528)
[30] US (61/498,319) 2011-06-17

[11] **2,839,764**
[13] C
[51] **Int.Cl. G01M 5/00 (2006.01) F17D 5/00 (2006.01) G01H 9/00 (2006.01) G01M 3/00 (2006.01) G01M 3/24 (2006.01) G01M 3/38 (2006.01) G01M 11/08 (2006.01)**
[25] EN
[54] **MONITORING OF CONDUITS**
[54] **SURVEILLANCE DE CONDUITS**
[72] MINTO, CHRISTOPHER, GB
[72] GODFREY, ALASTAIR, GB
[73] OPTASENSE HOLDINGS LIMITED, GB
[85] 2013-12-17
[86] 2012-06-20 (PCT/GB2012/051417)
[87] (WO2012/175954)
[30] GB (1110403.1) 2011-06-20

[11] **2,839,818**
[13] C
[51] **Int.Cl. F04B 43/00 (2006.01) F04B 43/02 (2006.01)**
[25] EN
[54] **A DIAPHRAGM PUMP FOR DOSING A FLUID CAPABLE OF AUTOMATIC DEGASSING AND AN ACCORDING METHOD**
[54] **POMPE A DIAPHRAGME POUR LE DOSAGE D'UN FLUIDE PERMETTANT UN DEGAZAGE AUTOMATIQUE ET PROCEDE ASSOCIE**
[72] SAUER, WOLFGANG, DE
[73] ECOLAB INC., US
[85] 2013-12-18
[86] 2011-08-25 (PCT/EP2011/064611)
[87] (WO2013/026485)

[11] **2,840,354**
[13] C
[51] **Int.Cl. A61K 31/08 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 31/02 (2006.01) A61K 31/121 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/20 (2006.01) A61K 47/22 (2006.01) A61P 17/00 (2006.01) A61P 23/02 (2006.01)**
[25] EN
[54] **NOVEL FORMULATIONS AND METHODS FOR TREATING DERMATOLOGICAL DISORDERS OR DISEASES**
[54] **NOUVELLES FORMULATIONS ET METHODES DE TRAITEMENT DE TROUBLES OU DE MALADIES DERMATOLOGIQUES**
[72] SPAKEVICIUS, DANGUOLE, US
[73] VAPOGENIX, INC., US
[85] 2013-12-23
[86] 2012-06-21 (PCT/US2012/043493)
[87] (WO2012/177840)
[30] US (61/500,909) 2011-06-24

[11] **2,840,365**
[13] C
[51] **Int.Cl. A41H 1/00 (2006.01)**
[25] EN
[54] **GARMENT FITMENT SYSTEM**
[54] **SYSTEME D'AJUSTEMENT DE VETEMENT**
[72] HADDAD, GEORGE, CA
[73] HADDAD, GEORGE, CA
[86] (2840365)
[87] (2840365)
[22] 2014-01-21

[11] **2,840,607**
[13] C
[51] **Int.Cl. G21F 9/24 (2006.01) G21F 9/34 (2006.01)**
[25] EN
[54] **ABYSSAL SEQUESTRATION OF NUCLEAR WASTE AND OTHER TYPES OF HAZARDOUS WASTE**
[54] **SEQUESTRATION ABYSSALE DE DECHETS NUCLEAIRES ET D'AUTRES TYPES DE DECHETS DANGEREUX**
[72] MURDOCH, LAWRENCE C., US
[72] ROBINOWITZ, MARVIN, US
[72] GERMANOVICH, LEONID, US
[73] GRAND ABYSS, LLC, US
[85] 2013-12-27
[86] 2012-06-29 (PCT/US2012/045084)
[87] (WO2013/003796)
[30] US (61/502,557) 2011-06-29

[11] **2,840,763**
[13] C
[51] **Int.Cl. C07D 213/64 (2006.01) A61K 31/4418 (2006.01) A61P 25/30 (2006.01) A61P 25/32 (2006.01) A61P 25/34 (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF ADDICTION**
[54] **COMPOSES POUR LE TRAITEMENT DE LA TOXICOMANIE**
[72] CANNIZZARO, CARINA E., US
[72] GRAUPE, MICHAEL, US
[72] GUERRERO, JUAN A., US
[72] LU, YAFAN, US
[72] STRICKLEY, ROBERT G., US
[72] VENKATARAMANI, CHANDRASEKAR, US
[72] ZABLOCKI, JEFF, US
[73] AMYGDALA NEUROSCIENCES, INC., US
[85] 2013-12-30
[86] 2012-06-29 (PCT/US2012/044809)
[87] (WO2013/006400)
[30] US (61/503,923) 2011-07-01

[11] **2,840,863**
[13] C
[51] **Int.Cl. A23G 1/00 (2006.01) A23G 1/20 (2006.01) A23G 1/21 (2006.01) A23G 1/52 (2006.01) A23G 3/00 (2006.01) A23G 3/20 (2006.01) A23G 3/52 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AN AERATED CONFECTIONERY SHELL**
[54] **PROCEDE DE FABRICATION D'UN MOULAGE DE CONFISERIE AERE**
[72] GUSTAV, THORSTEN, GB
[72] CASTRILLON, PAULA MORA, DE
[72] HAUGER, RUDOLF, DE
[73] KRAFT FOODS R & D, INC., US
[85] 2013-12-31
[86] 2012-06-29 (PCT/US2012/044857)
[87] (WO2013/006412)
[30] EP (11172834.1) 2011-07-06

[11] **2,841,845**
[13] C
[51] **Int.Cl. A61J 1/16 (2006.01) B65D 23/08 (2006.01) B65D 25/24 (2006.01) B65D 51/00 (2006.01) G21F 5/015 (2006.01) G21F 5/08 (2006.01) G21F 5/12 (2006.01)**
[25] EN
[54] **LIQUID CONTAINER**
[54] **RECIPIENT A LIQUIDE**
[72] JAKOBSEN, JAN BORGE, NO
[72] BORRETZEN, PEER, NO
[72] HAUGSETER, BJORN, NO
[73] ALGETA ASA, NO
[85] 2014-01-09
[86] 2012-07-12 (PCT/EP2012/063747)
[87] (WO2013/007806)
[30] DE (10 2011 079 031.4) 2011-07-12

[11] **2,842,302**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **ABLATION CATHETER SYSTEM WITH SAFETY FEATURES**
[54] **SYSTEME DE CATHETER D'ABLATION DOTE DE CARACTERISTIQUES DE SECURITE**
[72] COHEN, TODD J., US
[73] NEXUS CONTROL SYSTEMS, LLC, US
[85] 2014-01-17
[86] 2012-03-08 (PCT/US2012/028301)
[87] (WO2012/122389)
[30] US (61/450,236) 2011-03-08

[11] **2,842,696**
[13] C
[51] **Int.Cl. C07F 5/02 (2006.01) C07B 63/00 (2006.01) C07C 43/205 (2006.01)**
[25] EN
[54] **METHODS OF ISOLATING 4-CHLORO-2-FLUORO-3-SUBSTITUTED-PHENYLBORONIC ACIDS**
[54] **PROCEDES D'ISOLEMENT D'ACIDES 4-CHLORO-2-FLUORO-PHENYLBORONIQUES SUBSTITUES EN POSITION 3**
[72] OPPENHEIMER, JOSSIAN, US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-01-21
[86] 2012-07-26 (PCT/US2012/048371)
[87] (WO2013/016557)
[30] US (61/511,867) 2011-07-26

[11] **2,842,919**
[13] C
[51] **Int.Cl. A47J 31/40 (2006.01) G07F 11/44 (2006.01) G07F 13/06 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER WITH AUTOMATIC CLOSURE OF THE POWDER CONTAINERS CHUTES**
[54] **DISTRIBUTEUR DE BOISSON AYANT UNE FERMETURE AUTOMATIQUE DES GOULOTTES DE CONTENANT DE POUDRE**
[72] REY, CEDRIC, CH
[72] ZWICKER, SVEN, CH
[72] HESS, MICHEL, CH
[72] LARDELLI, SILVIO, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2014-01-23
[86] 2012-07-18 (PCT/EP2012/064070)
[87] (WO2013/014040)
[30] EP (11175677.1) 2011-07-28

---

[11] **2,843,662**
[13] C
[51] **Int.Cl. B29C 33/04 (2006.01)**
[25] EN
[54] **TOOL TEMPERATURE CONTROL**
[54] **GESTION DE LA TEMPERATURE D'UN OUTIL**
[72] HALFORD, BEN, GB
[73] SURFACE GENERATION LIMITED, GB
[85] 2014-01-30
[86] 2012-08-07 (PCT/GB2012/051916)
[87] (WO2013/021195)
[30] GB (1113655.3) 2011-08-08

---

[11] **2,843,687**
[13] C
[51] **Int.Cl. A61K 47/10 (2017.01) A61K 47/02 (2006.01) A61K 47/12 (2006.01) A61K 47/32 (2006.01)**
[25] FR
[54] **PACKAGED DIANHYDROHEXITOLS HAVING HIGH CHEMICAL STABILITY**
[54] **DIANHYDROHEXITOLS CONDITIONNES DE HAUTE STABILITE CHIMIQUE**
[72] IBERT, MATHIAS, FR
[72] WYART, HERVE, FR
[73] ROQUETTE FRERES, FR
[85] 2014-01-30
[86] 2012-08-03 (PCT/FR2012/051842)
[87] (WO2013/021126)
[30] FR (1157209) 2011-08-05

---

[11] **2,844,099**
[13] C
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/32 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR CONTROLLING WINDOW COVERINGS TO ADJUST ADMITTED DAYLIGHT**
[54] **APPAREIL ET SYSTEME DE COMMANDE DE COUVRE-FENETRES PERMETTANT D'AJUSTER LA QUANTITE DE LUMIERE DU JOUR ADMISE**
[72] ELEMENT, RICHARD GERAINT, CA
[73] ELEMENT, RICHARD GERAINT, CA
[85] 2014-02-04
[86] 2012-08-06 (PCT/CA2012/000745)
[87] (WO2013/020214)
[30] US (61/515,588) 2011-08-05

---

[11] **2,844,641**
[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **SUCKER ROD APPARATUS AND METHOD**
[54] **APPAREIL DE TIGE DE POMPAGE ET PROCEDE ASSOCIE**
[72] RUTLEDGE, RUSSELL P., US
[72] RUTLEDGE, RUSSELL P., JR., US
[72] RUTLEDGE, RYAN B., US
[73] FINALROD IP, LLC, US
[85] 2014-02-07
[86] 2012-08-09 (PCT/US2012/000347)
[87] (WO2013/022478)
[30] US (13/136,715) 2011-08-09
[30] US (13/385,410) 2012-02-17

---

[11] **2,844,830**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **NOVEL IMIDAZOLE AMINES AS MODULATORS OF KINASE ACTIVITY**
[54] **NOUVEAUX IMIDAZOLES AMINES EN TANT QUE MODULATEURS D'ACTIVITE KINASE**
[72] HUCK, BAYARD R., US
[72] CHEN, XIAOLING, US
[72] XIAO, YUFANG, US
[72] LAN, RUOXI, US
[72] DESELM, LIZBETH CELESTE, US
[72] QIU, HUI, US
[72] NEAGU, CONSTANTIN, US
[72] BANKSTON, DONALD, US
[72] JONES, CHRISTOPHER CHARLES VICTOR, US
[73] MERCK PATENT GMBH, DE
[85] 2014-02-10
[86] 2012-09-12 (PCT/US2012/054900)
[87] (WO2013/040059)
[30] US (61/533,601) 2011-09-12

---

[11] **2,844,906**
[13] C
[51] **Int.Cl. H04W 40/16 (2009.01) H04W 72/04 (2009.01) B61L 3/12 (2006.01) H04J 3/06 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION NETWORK SYSTEM**
[54] **SYSTEME POUR RESEAU DE COMMUNICATION SANS FIL**
[72] YAMAGUCHI, TERUFUMI, JP
[72] OTSUKA, YUHEI, JP
[72] SHIRAI, TOSHIHITO, JP
[72] KATO, HIDEYUKI, JP
[72] TAKAHASHI, MASAHIDE, JP
[72] OGIHARA, HIROSHI, JP
[73] THE NIPPON SIGNAL CO., LTD., JP
[85] 2014-02-11
[86] 2012-08-14 (PCT/JP2012/070666)
[87] (WO2013/024846)
[30] JP (2011-177644) 2011-08-15

[11] **2,845,331**
[13] C
[51] **Int.Cl. A01N 43/90 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND FLORASULAM**
[54] **COMPOSITION HERBICIDE SYNERGIQUE CONTENANT DU PENOXSULAME ET DU FLORASULAM**
[72] MANN, RICHARD K., US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-02-13
[86] 2012-08-15 (PCT/US2012/050862)
[87] (WO2013/025754)
[30] US (61/523,884) 2011-08-16

[11] **2,845,493**
[13] C
[51] **Int.Cl. F16C 17/02 (2006.01) F16H 57/08 (2006.01)**
[25] EN
[54] **JOURNAL BEARING FOR USE IN EPICYCLICAL GEARBOX AND METHOD OF FACILITATING HYDRODYNAMIC OIL FLOW IN THE JOURNAL BEARING**
[54] **PALIER LISSE DESTINE A ETRE UTILISE DANS UNE BOITE DE VITESSES EPICYCLOIDALE ET PROCEDE PERMETTANT DE FACILITER L'ECOULEMENT D'HUILE HYDRODYNAMIQUE DANS LE PALIER LISSE**
[72] GHANIME, GEORGE HANNA, US
[72] HALLMAN, DARREN LEE, US
[72] SUN, CHANGJIE, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-02-14
[86] 2012-07-27 (PCT/US2012/048492)
[87] (WO2013/032610)
[30] US (13/218,790) 2011-08-26

[11] **2,845,675**
[13] C
[51] **Int.Cl. C25C 7/02 (2006.01) C25C 7/00 (2006.01) C25C 7/06 (2006.01)**
[25] EN
[54] **PERMANENT SYSTEM FOR CONTINUOUS DETECTION OF CURRENT DISTRIBUTION IN INTERCONNECTED ELECTROLYTIC CELLS**
[54] **SYSTEME PERMANENT DE DETECTION CONTINUE D'UNE DISTRIBUTION DE COURANT DANS DES CELLULES ELECTROLYTIQUES INTERCONNECTEES**
[72] PRADO, FELIX, ES
[73] INDUSTRIE DE NORA S.P.A., IT
[85] 2014-02-18
[86] 2012-09-13 (PCT/EP2012/067970)
[87] (WO2013/037899)
[30] IT (MI2011A001668) 2011-09-16

[11] **2,845,736**
[13] C
[51] **Int.Cl. A23D 7/005 (2006.01) A23G 1/30 (2006.01) A23G 1/54 (2006.01) A23G 3/34 (2006.01) A23G 3/54 (2006.01)**
[25] EN
[54] **EDIBLE COMPOSITION**
[54] **COMPOSITION COMESTIBLE**
[72] BOUSSELET-KILGER, FABIENNE, DE
[72] BOGUTH, GUENTHER, DE
[73] KRAFT FOODS R & D, INC., US
[85] 2014-02-18
[86] 2012-08-16 (PCT/US2012/051071)
[87] (WO2013/028448)
[30] EP (11178411.2) 2011-08-23

[11] **2,846,039**
[13] C
[51] **Int.Cl. F16L 3/08 (2006.01) A62C 35/68 (2006.01) F16B 2/10 (2006.01) F16L 3/24 (2006.01)**
[25] EN
[54] **BRACKET**
[54] **SUPPORT**
[72] LIU, YI, CN
[72] PENG, SHUO, CN
[72] THAU, LAWRENCE W., JR., US
[73] VICTAULIC COMPANY, US
[85] 2014-02-20
[86] 2012-06-26 (PCT/US2012/044145)
[87] (WO2013/028259)
[30] US (13/216,370) 2011-08-24

[11] **2,846,236**
[13] C
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **RACH RECEPTION BY REPEATED USE OF DATA FFT AND CONCATENATION OF THE RESULTING TIME SIGNALS**
[54] **RECEPTION DE CANAL D'ACCES ALEATOIRE (RACH) PAR UNE UTILISATION REPETEE D'UNE TRANSFORMEE DE FOURIER RAPIDE DES DONNEES ET D'UNE CONCATENATION DES SIGNAUX TEMPORELS RESULTANTS**
[72] MCGOWAN, NEIL, CA
[72] DA SILVEIRA, MARTHINUS WILLEM, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-11-25
[86] 2012-05-10 (PCT/IB2012/052340)
[87] (WO2012/164422)
[30] US (13/150,565) 2011-06-01

[11] **2,846,281**
[13] C
[51] **Int.Cl. A63B 69/36 (2006.01) A63B 24/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ANALYSING A GOLF SWING**
[54] **APPAREIL ET PROCEDE D'ANALYSE D'UN SWING DE GOLF**
[72] MOONEY, BRIAN FRANCIS, IE
[73] MOONEY, BRIAN FRANCIS, IE
[85] 2014-02-24
[86] 2012-09-13 (PCT/EP2012/068008)
[87] (WO2013/041444)
[30] IE (S2011/0430) 2011-09-20

[11] **2,846,473**
[13] C
[51] **Int.Cl. F28D 1/02 (2006.01) F24H 1/00 (2006.01) F24H 3/00 (2006.01) F28D 15/06 (2006.01)**
[25] EN
[54] **BIPHASIC HEAT EXCHANGE RADIATOR WITH OPTIMISATION OF THE BOILING TRANSIENT**
[54] **RADIATEUR D'ECHANGE DE CHALEUR BIPHASE AVEC OPTIMISATION DE LA TRANSITION D'EBULLITION**
[72] PETERLE, MICHELE, IT
[72] VISENTIN, SIMONE, IT
[72] TRENTIN, DIEGO, IT
[72] ZOPPAS, FEDERICO, IT
[73] I.R.C.A. S.P.A. INDUSTRIA RESISTENZE CORAZZATE E AFFINI, IT
[85] 2014-02-25
[86] 2012-08-24 (PCT/IB2012/054292)
[87] (WO2013/027193)
[30] IT (RM2011A000447) 2011-08-25

---

[11] **2,847,981**
[13] C
[51] **Int.Cl. E04B 9/18 (2006.01)**
[25] EN
[54] **CEILING PANEL WIRE ANCHOR**
[54] **FIL D'ANCRAGE POUR PANNEAUX DE PLAFOND**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[73] USG INTERIORS, LLC, US
[86] (2847981)
[87] (2847981)
[22] 2014-04-01
[30] US (13/865,424) 2013-04-18

---

[11] **2,848,278**
[13] C
[51] **Int.Cl. A47F 3/04 (2006.01) F24F 13/08 (2006.01) F25D 17/06 (2006.01)**
[25] EN
[54] **DEFLECTOR FOR DISPLAY CASES**
[54] **DEFLECTEUR POUR VITRINES**
[72] SAHU, KAPIL DAS, US
[72] SCHUETTER, MICHAEL J., US
[72] SHINDE, DARSHAN U., US
[73] KYSOR WARREN EPTA US CORPORATION, US
[86] (2848278)
[87] (2848278)
[22] 2014-04-03
[30] US (13/858,583) 2013-04-08

---

[11] **2,848,379**
[13] C
[51] **Int.Cl. B65D 25/34 (2006.01) B65D 25/38 (2006.01) B65D 77/04 (2006.01)**
[25] EN
[54] **ECONOMICALLY IMPROVED PLASTIC BOTTLE AND PACKAGE SYSTEM**
[54] **BOUTEILLE EN MATIERE PLASTIQUE ECONOMIQUEMENT AMELIOREE ET SYSTEME D'EMBALLAGE**
[72] KUHAR, GENE, US
[72] SMITH, BRIAN, US
[72] SHAVER, RUSTY, US
[72] GAMBER, DAN, US
[72] DYGERT, DOUGLAS, US
[72] ULLRICH, JEFF, US
[72] GUSS, THEODORE, US
[73] RING CONTAINER TECHNOLOGIES, LLC, US
[85] 2014-03-10
[86] 2012-09-13 (PCT/US2012/055000)
[87] (WO2013/040124)
[30] US (61/533,869) 2011-09-13
[30] US (61/580,146) 2011-12-23

---

[11] **2,848,456**
[13] C
[51] **Int.Cl. E05B 65/52 (2006.01) A44B 19/30 (2006.01) A45C 13/10 (2006.01) E05B 37/00 (2006.01) E05B 37/12 (2006.01)**
[25] EN
[54] **MULTIPLE LOCK SYSTEM FOR A LUGGAGE CASE**
[54] **SYSTEME MULTI-VERROUILLAGE POUR VALISE**
[72] MEERSSCHAERT, REINHARD, BE
[72] RECCHIA, DIEGO, IT
[73] SAMSONITE IP HOLDINGS S.A R.L., LU
[85] 2014-03-12
[86] 2012-09-13 (PCT/EP2012/067991)
[87] (WO2013/037912)
[30] US (61/533,937) 2011-09-13
[30] US (61/623,462) 2012-04-12

---

[11] **2,848,549**
[13] C
[51] **Int.Cl. A61N 2/00 (2006.01) A61B 5/0476 (2006.01) A61N 2/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ENHANCING BRAIN ACTIVITY**
[54] **PROCEDE ET DISPOSITIF D'AMELIORATION DE L'ACTIVITE CEREBRALE**
[72] SEGAL, YARON, IL
[73] BRAIN Q TECHNOLOGIES LTD, IL
[85] 2014-03-12
[86] 2012-06-21 (PCT/IL2012/000255)
[87] (WO2013/038400)
[30] US (61/533,917) 2011-09-13

---

[11] **2,848,726**
[13] C
[51] **Int.Cl. C07C 205/25 (2006.01) A61K 31/05 (2006.01) A61K 31/085 (2006.01) A61K 31/136 (2006.01) A61K 31/138 (2006.01) A61K 31/164 (2006.01) A61K 31/167 (2006.01) A61K 31/27 (2006.01) A61K 31/404 (2006.01) A61K 31/4425 (2006.01) A61K 31/445 (2006.01) A61K 31/4465 (2006.01) A61K 31/496 (2006.01) A61K 31/5375 (2006.01) A61P 35/00 (2006.01) C07C 205/35 (2006.01) C07C 211/48 (2006.01) C07C 211/52 (2006.01) C07C 215/88 (2006.01) C07C 217/54 (2006.01) C07C 217/94 (2006.01) C07C 233/07 (2006.01) C07C 233/18 (2006.01) C07C 271/16 (2006.01) C07C 309/65 (2006.01) C07D 209/10 (2006.01) C07D 211/22 (2006.01) C07D 213/64 (2006.01) C07D 213/73 (2006.01) C07D 295/088 (2006.01) C07D 295/185 (2006.01) C07D 295/26 (2006.01)**
[25] EN
[54] **BAX AGONIST, COMPOSITIONS, AND METHODS RELATED THERETO**
[54] **AGONISTE DE BAX, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] DENG, XINGMING, US
[72] ZHOU, JIA, US
[72] DING, CHUNYONG, US
[73] EMORY UNIVERSITY, US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2014-02-18
[86] 2012-08-17 (PCT/US2012/051420)
[87] (WO2013/028543)
[30] US (61/525,249) 2011-08-19
[30] US (61/648,887) 2012-05-18

[11] **2,849,007**
[13] C
[51] **Int.Cl. G05B 15/02 (2006.01)**
[25] EN
[54] **BUILDING AUTOMATION SYSTEM CONTROL WITH MOTION SENSING**
[54] **COMMANDE DE SYSTEME IMMOTIQUE COMPRENANT DETECTION DE MOUVEMENT**
[72] SONGKAKUL, PORNSAK, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2014-03-17
[86] 2012-09-18 (PCT/US2012/055879)
[87] (WO2013/043576)
[30] US (13/236,258) 2011-09-19

[11] **2,849,074**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/00 (2006.01)**
[25] EN
[54] **GAS LIFT ASSIST FOR FOSSIL FUEL WELLS**
[54] **ASSISTANCE D'EXTRACTION PAR INJECTION DE GAZ POUR PUITS DE COMBUSTIBLE FOSSILE**
[72] GREEN, JOHN WILLIAM, US
[73] ABB INC., US
[85] 2014-03-18
[86] 2012-09-18 (PCT/US2012/055890)
[87] (WO2013/043583)
[30] US (61/536,224) 2011-09-19

[11] **2,849,366**
[13] C
[51] **Int.Cl. A61K 31/5415 (2006.01) A61K 31/27 (2006.01) A61K 31/4178 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) A61P 27/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PRESBYOPIA, MILD HYPEROPIA, AND IRREGULAR ASTIGMATISM**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER LA PRESBYTIE, L'HYPERMETROPIE LEGERE ET L'ASTIGMATISME IRREGULIER**
[72] ABAD, JUAN CARLOS, CO
[73] ALLERGAN, INC., US
[85] 2014-03-20
[86] 2012-09-19 (PCT/IB2012/002335)
[87] (WO2013/041967)
[30] US (61/536,921) 2011-09-20

[11] **2,849,413**
[13] C
[51] **Int.Cl. F04D 27/00 (2006.01) F04D 29/42 (2006.01)**
[25] FR
[54] **CENTRIFUGAL COMPRESSOR PROVIDED WITH A MARKER FOR MEASURING WEAR AND A METHOD OF MONITORING WEAR USING SAID MARKER**
[54] **COMPRESSEUR CENTRIFUGE EQUIPE D'UN MARQUEUR DE MESURE D'USURE ET PROCEDE DE SUIVI D'USURE UTILISANT CE MARQUEUR**
[72] JACTAT, PAUL-ETIENNE, FR
[72] LEBRUSQ, PASCAL, FR
[72] SARRAMEA, JEROME, FR
[72] SCUILLER, LIONEL, FR
[73] TURBOMECA, FR
[85] 2014-03-20
[86] 2012-09-27 (PCT/FR2012/052189)
[87] (WO2013/050688)
[30] FR (1159071) 2011-10-07

[11] **2,849,988**
[13] C
[51] **Int.Cl. C07D 489/12 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING BUPRENORPHINE**
[54] **PROCEDE DE PREPARATION DE BUPRENORPHINE**
[72] ARCHER, NICOLAS, GB
[72] AUGUST, DAVID, GB
[72] BEASE, MICHAEL, GB
[72] JAMIESON, BARBARA, GB
[72] MARMOR, ROBERT S., US
[73] JOHNSON MATTHEY PLC, GB
[85] 2014-03-25
[86] 2012-10-01 (PCT/GB2012/052423)
[87] (WO2013/050748)
[30] US (61/542,491) 2011-10-03

[11] **2,850,103**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5517 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **PYRROLOBENZODIAZEPINES**
[54] **PYRROLOBENZODIAZEPINES**
[72] HOWARD, PHILIP WILSON, GB
[72] TIBERGHIEN, ARNAUD, GB
[72] JEFFREY, SCOTT, US
[72] BURKE, PATRICK, US
[73] SEATTLE GENETICS, INC., US
[73] MEDIMMUNE LIMITED, GB
[85] 2014-03-26
[86] 2012-10-12 (PCT/EP2012/070233)
[87] (WO2013/053873)
[30] US (61/547,198) 2011-10-14

[11] **2,850,428**
[13] C
[51] **Int.Cl. F16C 33/66 (2006.01) F16C 33/38 (2006.01)**
[25] EN
[54] **DYNAMICALLY-LUBRICATED BEARING AND METHOD OF DYNAMICALLY LUBRICATING A BEARING**
[54] **PALIER LUBRIFIE DYNAMIQUEMENT ET PROCEDE PERMETTANT DE LUBRIFIER DYNAMIQUEMENT UN PALIER**
[72] CARTER, BRUCE ALAN, US
[72] SANGLI, PRADEEP HEMANT, IN
[72] POTNURU, SANTOSH KUMAR, IN
[72] CHOURASIA, LAXMIKANT, IN
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-03-28
[86] 2012-09-13 (PCT/US2012/054967)
[87] (WO2013/055484)
[30] US (13/269,686) 2011-10-10

[11] **2,851,054**
[13] C
[51] **Int.Cl. E01C 9/00 (2006.01) E01C 5/00 (2006.01) E01C 11/00 (2006.01) E01C 11/24 (2006.01) E01C 15/00 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **DETECTABLE WARNINGS**
[54] **AVERTISSEMENTS DETECTABLES**
[72] SZEKELY, KENNETH E. J., US
[72] SAMBROOK, DAVID N., US
[72] HEFFNER, JOHN ANDREW, US
[73] ASTRA CAPITAL INCORPORATED, CA
[85] 2014-04-03
[86] 2012-10-03 (PCT/IB2012/002902)
[87] (WO2013/050883)
[30] US (61/542,532) 2011-10-03

---

[11] ***2,851,200**
[13] C
[51] **Int.Cl. G06F 16/178 (2019.01)**
[25] EN
[54] **SYNCHRONIZING UPDATES ACROSS CLUSTER FILESYSTEMS**
[54] **SYNCHRONISATION DE MISES A JOUR A TRAVERS DES SYSTEMES DE FICHIER EN GROUPE**
[72] GUPTA, KARAN, US
[72] NAIK, MANOJ P., US
[72] SCHMUCK, FRANK B., US
[72] SHAH, MANSI A., US
[72] TEWARI, RENU, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-04-04
[86] 2012-10-17 (PCT/IB2012/055654)
[87] (WO2013/080063)
[30] US (13/305,784) 2011-11-29

---

[11] **2,851,385**
[13] C
[51] **Int.Cl. D21H 21/16 (2006.01) D21H 17/15 (2006.01) D21H 17/17 (2006.01) D21H 17/56 (2006.01) D21H 21/20 (2006.01)**
[25] EN
[54] **PACKAGING BOARD, ITS USE AND PRODUCTS MADE THEREOF**
[54] **CARTON D'EMBALLAGE, SON UTILISATION ET PRODUITS CONSTITUES DE CELUI-CI**
[72] RASANEN, JARI, FI
[72] HEISKANEN, ISTO, FI
[72] LAITINEN, RISTO, FI
[73] STORA ENSO OYJ, FI
[85] 2014-04-08
[86] 2012-10-09 (PCT/FI2012/050971)
[87] (WO2013/053997)
[30] FI (20115991) 2011-10-10

---

[11] **2,851,414**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE RECOVERY OF BITUMEN FROM AN OIL SAND**
[54] **PROCEDE DE RECUPERATION DE BITUME DANS DES SABLES BITUMINEUX**
[72] ANDREI, MARIA, IT
[72] DEL GAUDIO, LUCILLA, IT
[72] BOZZANO, GIULIA LUISA ELEONORA, IT
[72] SLIEPCEVICH, ANDREA, IT
[73] ENI S.P.A., IT
[85] 2014-04-07
[86] 2012-10-24 (PCT/IB2012/055849)
[87] (WO2013/064940)
[30] IT (MI2011A 001977) 2011-10-31

---

[11] **2,852,104**
[13] C
[51] **Int.Cl. C08F 293/00 (2006.01) C08F 2/38 (2006.01)**
[25] FR
[54] **PREPARATION OF AMPHIPHILIC BLOCK POLYMERS BY CONTROLLED RADICAL MICELLAR POLYMERISATION**
[54] **PREPARATION DE POLYMERES SEQUENCES AMPHIPHILES PAR POLYMERISATION RADICALAIRE MICELLAIRE A CARACTERE CONTROLE**
[72] WILSON, JAMES, FR
[72] DESTARAC, MATHIAS, FR
[72] CADIX, ARNAUD, FR
[73] RHODIA OPERATIONS, FR
[85] 2014-04-11
[86] 2012-10-24 (PCT/EP2012/071079)
[87] (WO2013/060741)
[30] FR (11 03246) 2011-10-24
[30] FR (11 03707) 2011-12-05

---

[11] **2,852,872**
[13] C
[51] **Int.Cl. B65D 81/20 (2006.01) A45C 11/04 (2006.01) A61J 1/18 (2006.01) B65D 77/04 (2006.01) B65D 81/22 (2006.01)**
[25] EN
[54] **CONTACT LENS SECONDARY PACKAGING AND METHODS**
[54] **SUREMBALLAGE POUR LENTILLES DE CONTACT ET PROCEDES**
[72] NEWMAN, STEPHEN D., SG
[73] MENICON SINGAPORE PTE LTD., SG
[85] 2014-04-17
[86] 2012-10-18 (PCT/SG2012/000389)
[87] (WO2013/109187)
[30] SG (201107631-2) 2011-10-18

[11] **2,853,190**
[13] C
[51] **Int.Cl. B64D 13/06 (2006.01) B64D 41/00 (2006.01)**
[25] FR
[54] **METHOD AND ARCHITECTURE FOR RECOVERY OF ENERGY IN AN AIRCRAFT**
[54] **PROCEDE ET ARCHITECTURE DE RECUPERATION D'ENERGIE DANS UN AERONEF**
[72] HOUSSAYE, LAURENT, FR
[73] TURBOMECA, FR
[85] 2014-04-23
[86] 2012-11-09 (PCT/FR2012/052585)
[87] (WO2013/072603)
[30] FR (1160471) 2011-11-17

[11] **2,853,213**
[13] C
[51] **Int.Cl. A61L 24/00 (2006.01) A61L 27/42 (2006.01) A61L 31/12 (2006.01)**
[25] EN
[54] **ARTIFICIAL BONE IMPLANTS, OR BONE GRAFTS, OF POLYMERIC COMPOSITES WITH BONE FORMING PROPERTIES**
[54] **IMPLANTS OSSEUX ARTIFICIELS, OU GREFFES OSSEUSES, EN COMPOSITES POLYMERES AVEC PROPRIETES DE FORMATION OSSEUSE**
[72] GRIJPMA, DIRK WYBE, NL
[72] BOS, RUDOLF ROBERT MARIA, NL
[72] VAN LEEUWEN, ANNE CORNELIS, NL
[73] UNIVERSITEIT TWENTE, NL
[73] RIJKSUNIVERSITEIT GRONINGEN, NL
[73] ACADEMISCH ZIEKENHUIS GRONINGEN, NL
[85] 2014-04-23
[86] 2011-10-26 (PCT/EP2011/068718)
[87] (WO2013/060362)

[11] **2,855,366**
[13] C
[51] **Int.Cl. A61M 25/04 (2006.01) A61M 16/04 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **APPARATUS FOR PREVENTING OVER INFLATION OF THE RETENTION BALLOON IN MEDICAL CATHETERS AND AIRWAY DEVICES**
[54] **APPAREIL POUR PREVENIR UN SURGONFLEMENT DU BALLONNET DE RETENUE DANS DES CATHETERS MEDICAUX ET DES DISPOSITIFS DE VOIES AERIENNES**
[72] GREGORY, CHRISTOPHER, US
[72] JIN, YUN, US
[72] CLINE, JOHN B., US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2014-05-09
[86] 2012-11-15 (PCT/US2012/065239)
[87] (WO2013/074763)
[30] US (61/560,489) 2011-11-16

[11] **2,856,068**
[13] C
[51] **Int.Cl. E03B 9/04 (2006.01) E03B 9/08 (2006.01) F16L 1/11 (2006.01)**
[25] FR
[54] **HYDRANT**
[54] **BOUCHE A CLE**
[72] SAAD, MOUNIR, FR
[72] ARNAUD, DANIEL, FR
[73] SOCIETE PLYMOUTH FRANCAISE, FR
[85] 2014-05-15
[86] 2012-11-14 (PCT/FR2012/052631)
[87] (WO2013/072628)
[30] FR (1160502) 2011-11-18

[11] **2,856,333**
[13] C
[51] **Int.Cl. A23C 19/09 (2006.01)**
[25] EN
[54] **FOOD BASED ON POPCORN AND CHEESE, AND RESPECTIVE PRODUCTION METHOD**
[54] **ALIMENT BASE SUR DU POP-CORN ET DU FROMAGE ET PROCEDE DE PRODUCTION RESPECTIF**
[72] SANGIACOMO, FRANCESCA, IT
[73] SLB S.R.L., IT
[85] 2014-05-20
[86] 2012-11-20 (PCT/IB2012/056558)
[87] (WO2013/076644)
[30] IT (BS2011A000158) 2011-11-22

[11] **2,857,612**
[13] C
[51] **Int.Cl. E03F 7/04 (2006.01) F16K 15/14 (2006.01)**
[25] EN
[54] **BACKFLOW PREVENTION DEVICE**
[54] **PROTECTION CONTRE LE REFLUX**
[72] ROHRER, DANIEL, CH
[72] WASER, ROGER, CH
[73] LASSO TECHNIK AG, CH
[85] 2014-05-30
[86] 2012-11-29 (PCT/EP2012/073946)
[87] (WO2013/079587)
[30] CH (01911/11) 2011-12-01

[11] **2,858,000**
[13] C
[51] **Int.Cl. D04B 21/12 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **KNIT WITH ZONES WITHOUT BARBS, METHOD OF MAKING SAME AND PROSTHESES OBTAINED THEREFROM**
[54] **TRICOT COMPRENANT DES ZONES SANS ARDILLONS, PROCEDE DE FABRICATION DE CELUI-CI ET PROTHESES OBTENUES A PARTIR DE CELUI-CI**
[72] LECUIVRE, JULIE, FR
[72] BAILLY, PIERRE, FR
[73] SOFRADIM PRODUCTION, FR
[85] 2014-06-03
[86] 2012-12-27 (PCT/EP2012/076979)
[87] (WO2013/098345)
[30] FR (1162532) 2011-12-29

[11] **2,858,717**
[13] C
[51] **Int.Cl. F16L 21/02 (2006.01) F16L 21/06 (2006.01) F16L 21/08 (2006.01)**
[25] EN
[54] **CLAMP ASSEMBLY WITH ANNULAR CLAMPS AND BRIDGE**
[54] **ENSEMBLE DE SERRAGE MUNI D'ELEMENTS DE SERRAGE ANNULAIRES ET PONT**
[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES LTD., IL
[85] 2014-06-06
[86] 2012-12-11 (PCT/US2012/068870)
[87] (WO2013/090225)
[30] US (13/326,360) 2011-12-15

[11] **2,858,830**
[13] C
[51] **Int.Cl. A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61K 8/891 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE WHITENING COMPOSITIONS**
[54] **COMPOSITION DE BLANCHIMENT POUR SOINS BUCCAUX**
[72] BOYD, THOMAS, US
[72] ONTUMI, DENNIS, US
[72] MANDADI, PRAKASARAO, US
[72] CHOPRA, SUMAN, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2014-06-10
[86] 2011-12-20 (PCT/US2011/066087)
[87] (WO2013/095369)

---

[11] **2,858,942**
[13] C
[51] **Int.Cl. B63B 21/18 (2006.01) B63B 21/10 (2006.01) B63B 21/50 (2006.01)**
[25] FR
[54] **FAIRLEAD FOR GUIDING AN ANCHORING CHAIN AND INTENDED TO BE PROVIDED TO ANCHORING EQUIPMENT ON THE FLOOR OF A FLOATING PLATFORM**
[54] **CHAUMARD POUR LE GUIDAGE D'UNE CHAINE D'ANCRAGE, DESTINE A EQUIPER UNE INSTALLATION D'ANCRAGE AU SOL D'UNE PLATEFORME FLOTTANTE**
[72] BUSSON, PHILIPPE, FR
[73] NOV-BLM, FR
[85] 2014-06-11
[86] 2012-12-13 (PCT/FR2012/052926)
[87] (WO2013/088082)
[30] FR (1161624) 2011-12-14

---

[11] **2,859,638**
[13] C
[51] **Int.Cl. A23L 33/105 (2016.01) A23L 19/00 (2016.01) A23L 33/20 (2016.01) A23C 9/152 (2006.01) A23L 2/52 (2006.01) A23L 2/04 (2006.01)**
[25] EN
[54] **ANTIOXIDANT INGREDIENT WITH LOW CALORIE CONTENT, PROCESS FOR OBTAINING SAME AND USE THEREOF**
[54] **INGREDIENT ANTIOXYDANT A FAIBLE TENEUR EN CALORIES, PROCEDE D'OBTENTION ET UTILISATION**
[72] SAURA CALIXTO, FULGENCIO DIEGO, ES
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[85] 2014-06-06
[86] 2012-12-20 (PCT/ES2012/070885)
[87] (WO2013/093161)
[30] ES (P 201132052) 2011-12-20

---

[11] **2,859,813**
[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR TREATING A RESERVOIR USING RE-CLOSEABLE SLEEVES**
[54] **APPAREIL, SYSTEME ET METHODE DE TRAITEMENT D'UN RESERVOIR A L'AIDE DE MANCHONS REFERMABLES**
[72] RAVENSBERGEN, JOHN, CA
[72] GETZLAF, DONALD, CA
[73] NCS MULTISTAGE INC., CA
[86] (2859813)
[87] (2859813)
[22] 2014-08-19

---

[11] **2,860,251**
[13] C
[51] **Int.Cl. G01N 21/63 (2006.01) G01N 33/00 (2006.01)**
[25] FR
[54] **DEVICE FOR DETECTING AND/OR DOSING HYDROGEN AND METHOD OF DETECTING AND/OR DOSING HYDROGEN**
[54] **DISPOSITIF DE DETECTION ET/OU DE DOSAGE D'HYDROGENE ET PROCEDE DE DETECTION ET/OU DE DOSAGE D'HYDROGENE**
[72] BERTRAND, JOHAN, FR
[72] DELEPINE-LESOILLE, SYLVIE, FR
[72] PHERON, XAVIER, FR
[73] AGENCE NATIONALE POUR LA GESTION DES DECHETS RADIOACTIFS, FR
[85] 2014-06-23
[86] 2012-12-26 (PCT/EP2012/076898)
[87] (WO2013/098289)
[30] FR (1162587) 2011-12-30

---

[11] **2,860,448**
[13] C
[51] **Int.Cl. A61K 36/899 (2006.01) A23K 10/33 (2016.01) A23L 33/10 (2016.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 31/7048 (2006.01) A61K 36/21 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **MOLASSES EXTRACT ENRICHED IN POLYPHENOLS AND USES THEREOF**
[54] **EXTRAITS DE MELASSE ENRICHIS DE POLYPHENOLS ET UTILISATIONS ASSOCIEES**
[72] ILAG, LEODEVICO LUNA, AU
[72] SMYTHE, JASON, AU
[72] ELLIS, TIMOTHY PETER, AU
[72] WEISINGER, RICHARD STUART, AU
[73] THE PRODUCT MAKERS (AUSTRALIA) PTY LTD., AU
[85] 2014-07-02
[86] 2012-02-08 (PCT/AU2012/000115)
[87] (WO2012/106761)
[30] AU (2011900400) 2011-02-08
[30] AU (2011902446) 2011-06-21

[11] **2,861,196**
[13] C
[51] **Int.Cl. G01J 3/12 (2006.01) G01J 3/18 (2006.01)**
[25] EN
[54] **ANASTIGMATIC IMAGING SPECTROGRAPH**
[54] **SPECTROGRAPHE ANASTIGMATIQUE D'IMAGERIE**
[72] MCCLURE, JASON, US
[73] TELEDYNE DIGITAL IMAGING US, INC., US
[85] 2014-07-11
[86] 2013-01-08 (PCT/US2013/020637)
[87] (WO2013/106307)
[30] US (13/350,060) 2012-01-13

[11] **2,861,525**
[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **EXCLUDING SPECIFIC APPLICATION TRAFFIC FROM CUSTOMER CONSUMPTION DATA**
[54] **EXCLUSION DU TRAFIC D'UNE CERTAINE APPLICATION AFIN QU'IL N'APPARAISSE PAS DANS DES DONNEES DE CONSOMMATION CLIENT**
[72] KELSEN, MICHAEL S., US
[72] NAKHRE, TUSHAR, US
[72] HUANG, SHAN, US
[72] DANFORTH, ANDREW, US
[72] PFEFFER, HOWARD, US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
[85] 2014-06-05
[86] 2013-01-03 (PCT/US2013/020007)
[87] (WO2013/103627)
[30] US (13/342,727) 2012-01-03

[11] **2,861,801**
[13] C
[51] **Int.Cl. A23J 1/02 (2006.01) A23L 13/50 (2016.01) C11B 13/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ISOLATING A PROTEIN COMPOSITION AND A FAT COMPOSITION FROM MECHANICALLY DEBONED POULTRY**
[54] **PROCEDE POUR ISOLER UNE COMPOSITION DE PROTEINE ET UNE COMPOSITION DE GRAISSE A PARTIR D'UNE VOLAILLE MECANIQUEMENT DESOSSEE**
[72] KELLEHER, STEPHEN D., US
[72] SAUNDERS, WAYNE S., US
[72] FIELDING, WILLIAM R., US
[73] PROTEUS INDUSTRIES, INC., US
[85] 2014-06-26
[86] 2012-12-24 (PCT/US2012/071572)
[87] (WO2013/101789)
[30] US (13/374,398) 2011-12-28

[11] **2,861,859**
[13] C
[51] **Int.Cl. B01J 20/20 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) B01J 20/32 (2006.01) C02F 1/28 (2006.01)**
[25] EN
[54] **FILTRATION MEDIUM COMPRISING A CARBON OXYCHALCOGENIDE**
[54] **MILIEU FILTRANT COMPRENANT UN OXYCHALCOGENURE DE CARBONE**
[72] SIEDLE, ALLEN R., US
[72] STOUFFER, MARK R., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-07-17
[86] 2012-08-27 (PCT/US2012/052502)
[87] (WO2013/039675)
[30] US (61/533,297) 2011-09-12

[11] **2,863,059**
[13] C
[51] **Int.Cl. A01N 43/48 (2006.01) A01N 37/10 (2006.01) A01N 37/18 (2006.01) A01N 43/10 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/713 (2006.01) A01N 43/76 (2006.01) A01N 43/80 (2006.01) A01N 43/90 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL PYRAZOLE MIXTURES**
[54] **MELANGES DE PYRAZOLE FONGICIDES**
[72] TAGGI, ANDREW EDMUND, US
[72] LONG, JEFFREY KEITH, US
[72] BEREZNAK, JAMES FRANCIS, US
[73] FMC CORPORATION, US
[85] 2014-07-28
[86] 2013-01-30 (PCT/US2013/023703)
[87] (WO2013/116251)
[30] US (61/593,540) 2012-02-01
[30] US (61/662,149) 2012-06-20

[11] **2,863,601**
[13] C
[51] **Int.Cl. B29C 55/00 (2006.01)**
[25] EN
[54] **STRETCHED FILMS WITH MAINTAINED TEAR RESISTANCE AND METHODS FOR MAKING THE SAME**
[54] **FILMS ETIRES POSSEDANT UNE RESISTANCE FIXE AUX DECHIRURES ET LEURS PROCEDES DE FABRICATION**
[72] BORCHARDT, MICHAEL G., US
[72] DORSEY, ROBERT THOMAS, US
[72] BROERING, SHAUN T., US
[73] THE GLAD PRODUCTS COMPANY, US
[85] 2014-08-01
[86] 2012-08-09 (PCT/US2012/050081)
[87] (WO2013/032658)
[30] US (13/218,666) 2011-08-26

[11] **2,863,711**
[13] C
[51] **Int.Cl. G01B 11/06 (2006.01) G01B 15/02 (2006.01)**
[25] EN
[54] **CALIPER COATING MEASUREMENT ON CONTINUOUS NON-UNIFORM WEB USING THZ SENSOR**
[54] **MESURE DE REVETEMENT D'ETRIER SUR BANDE NON-UNIFORME CONTINUE A L'AIDE DE DETECTEUR DE TERAHERTZ (THZ)**
[72] SAVARD, STEPHANE, US
[72] KROLAK, ADAM, US
[73] HONEYWELL ASCA INC., CA
[85] 2014-08-04
[86] 2013-01-24 (PCT/CA2013/000066)
[87] (WO2013/116924)
[30] US (61/596,595) 2012-02-08
[30] US (13/444,767) 2012-04-11

---

[11] **2,863,803**
[13] C
[51] **Int.Cl. A61C 8/00 (2006.01) A61L 27/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT AND MANUFACTURING METHOD THEREOF**
[54] **IMPLANT DENTAIRE ET SON PROCEDE DE FABRICATION**
[72] TSUJI, TAKASHI, JP
[72] OSHIMA, MASAMITSU, JP
[73] ORGAN TECHNOLOGIES, INC., JP
[85] 2014-08-01
[86] 2013-01-28 (PCT/JP2013/051746)
[87] (WO2013/115128)
[30] JP (2012-020359) 2012-02-01
[30] JP (2012-020697) 2012-02-02

---

[11] **2,864,612**
[13] C
[51] **Int.Cl. H03F 3/45 (2006.01) A61B 5/04 (2006.01) A61B 5/0476 (2006.01) H03J 7/00 (2006.01)**
[25] EN
[54] **DIFFERENTIAL AMPLIFIER AND ELECTRODE FOR MEASURING A BIOPOTENTIAL**
[54] **AMPLIFICATEUR DIFFERENTIEL ET ELECTRODE POUR MESURER UN BIOPOTENTIEL**
[72] TOWNSEND, GEORGE, CA
[73] TOWNSEND, GEORGE, CA
[85] 2014-08-14
[86] 2012-03-29 (PCT/CA2012/000278)
[87] (WO2013/142944)

---

[11] **2,865,561**
[13] C
[51] **Int.Cl. A61K 31/77 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **USE OF A GLYCOSYLATED-MODIFIED TETRAFUNCTIONAL NON-IONIC AMPHIPHILIC BLOCK COPOLYMER AS IMMUNE ADJUVANT**
[54] **UTILISATION D'UN COPOLYMERE BLOC AMPHIPHILE NON-IONIQUE TETRAFONCTIONNEL GLYCOSYLE MODIFIE COMME ADJUVANT IMMUNITAIRE**
[72] PITARD, BRUNO, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE DE NANTES, FR
[85] 2014-08-26
[86] 2013-03-01 (PCT/IB2013/051659)
[87] (WO2013/128423)
[30] EP (12305256.5) 2012-03-02

---

[11] **2,866,017**
[13] C
[51] **Int.Cl. B64D 25/14 (2006.01)**
[25] EN
[54] **MECHANISM AND METHOD FOR ARMING/DISARMING THE ACTUATION OF AN EMERGENCY SLIDE**
[54] **MECANISME ET PROCEDE D'ARMEMENT / DESARMEMENT DE L'ACTIONNEMENT D'UN TOBOGGAN D'URGENCE**
[72] MINCHAU, KEN, CA
[72] SAVIDGE, JOHN, CA
[72] MUNGER, ERIC, US
[73] BOMBARDIER INC., CA
[85] 2014-08-29
[86] 2012-03-09 (PCT/IB2012/000457)
[87] (WO2013/132282)

---

[11] **2,866,996**
[13] C
[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/12 (2006.01) C02F 3/20 (2006.01)**
[25] EN
[54] **WASTEWATER TREATMENT APPARATUS, WASTEWATER TREATMENT METHOD, WASTEWATER TREATMENT SYSTEM, CONTROL DEVICE, CONTROL METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT DES EAUX USEES, PROCEDE DE TRAITEMENT DES EAUX USEES, SYSTEME DE TRAITEMENT DES EAUX USEES, DISPOSITIF DE REGULATION, PROCEDE DE REGULATION, ET PROGRAMME**
[72] FURUYA, YUJI, JP
[72] SUZUKI, SHIGEHIRO, JP
[72] TSUBOI, NOBUKI, JP
[72] TAKAHASHI, HIROYUKI, JP
[72] INAGAKI, NORIAKI, JP
[72] WADA, TSUTOMU, JP
[72] MAEDA, MAKOTO, JP
[72] SONE, KEIICHI, JP
[72] KASSAI, KOUJI, JP
[73] METAWATER CO., LTD., JP
[73] TOKYO METROPOLITAN SEWERAGE SERVICE CORPORATION, JP
[85] 2015-01-22
[86] 2013-03-11 (PCT/JP2013/056694)
[87] (WO2013/133444)
[30] JP (2012-053783) 2012-03-09

[11] **2,867,078**
[13] C
[51] **Int.Cl. F16L 9/12 (2006.01) F16L 53/38 (2018.01) B29C 70/08 (2006.01) B29D 23/00 (2006.01) B32B 1/08 (2006.01) F16L 1/032 (2006.01) F16L 1/038 (2006.01) F16L 1/12 (2006.01) F16L 9/18 (2006.01) F16L 11/12 (2006.01) F17D 1/00 (2006.01) B29C 70/52 (2006.01) G02B 6/10 (2006.01) H05B 3/40 (2006.01)**
[25] EN
[54] **MULTILAYER PIPELINE IN A POLYMER MATERIAL, DEVICE FOR MANUFACTURE OF THE MULTILAYER PIPELINE AND A METHOD FOR MANUFACTURING THE MULTILAYER PIPELINE**
[54] **CANALISATION MULTICOUCHE EN UN MATERIAU POLYMERE, DISPOSITIF POUR LA FABRICATION DE LA CANALISATION MULTICOUCHE ET PROCEDE POUR LA FABRICATION DE LA CANALISATION MULTICOUCHE**
[72] OPHAUG, ARVID, NO
[73] PURAPIPE HOLDING LTD., CY
[85] 2014-09-10
[86] 2013-03-14 (PCT/NO2013/050051)
[87] (WO2013/137745)
[30] NO (20120302) 2012-03-14

[11] **2,867,096**
[13] C
[51] **Int.Cl. A61K 8/87 (2006.01) A61K 8/34 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITION COMPRISING A PULVERIZED POLYALKYLENE OXIDE-MODIFIED PRODUCT USEFUL IN THE PRODUCTION OF SILKY, SMOOTH COSMETICS**
[54] **COMPOSITION COSMETIQUE RENFERMANT UN PRODUIT MODIFIE A L'OXYDE DE POLYALKYLENE PULVERISE UTILE POUR LA PRODUCTION DE COSMETIQUES LISSES, SOYEUX**
[72] OZAWA, HITOSHI, JP
[72] MASUDA, TSUYOSHI, JP
[72] NISHIKAWA, YUSUKE, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2014-09-11
[86] 2013-03-13 (PCT/JP2013/056926)
[87] (WO2013/137290)
[30] JP (2012-055990) 2012-03-13

[11] **2,867,870**
[13] C
[51] **Int.Cl. B61F 9/00 (2006.01)**
[25] EN
[54] **DEVICE TO MAINTAIN A TRAJECTORY OF A GUIDED VEHICLE IN THE EVENT OF DERAILMENT AND/OR FAILURE OF GUIDANCE**
[54] **DISPOSITIF DE MAINTIEN D'UNE TRAJECTOIRE D'UN VEHICULE GUIDE EN CAS DE DERAILLEMENT ET/OU DEGUIDAGE**
[72] CARPENTIER, PHILIPPE, FR
[72] CLARISSOU, YVES, FR
[72] CONSOLI, LUCIANO, FR
[73] SIEMENS S.A.S., FR
[85] 2014-09-19
[86] 2013-02-12 (PCT/EP2013/052793)
[87] (WO2013/139534)
[30] EP (12290100.2) 2012-03-21

[11] **2,868,653**
[13] C
[51] **Int.Cl. A61B 17/3201 (2006.01) A61B 17/32 (2006.01) A61B 17/42 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONDUCTING AN EPISIOTOMY**
[54] **APPAREIL PERMETTANT DE FAIRE UNE EPISIOTOMIE**
[72] FREEMAN, ROBERT, GB
[72] HOLLANDS, HEIDI, GB
[72] BARRON, LAURIE, GB
[72] KAPOOR, DHARMESH S., GB
[73] PLYMOUTH HOSPITALS NHS TRUST, GB
[85] 2014-09-26
[86] 2012-05-14 (PCT/GB2012/000428)
[87] (WO2012/156662)
[30] GB (1108250.0) 2011-05-17

[11] **2,868,804**
[13] C
[51] **Int.Cl. G06F 16/25 (2019.01)**
[25] EN
[54] **REQUESTING AND DISPLAYING A BUSINESS SERVICE CONTEXT FROM A VIRTUAL DATABASE**
[54] **DEMANDER ET AFFICHER UN CONTEXTE DE SERVICE D'AFFAIRES A PARTIR D'UNE BASE DE DONNEES VIRTUELLE**
[72] KOWALSKI, VINCENT JOSEPH, US
[72] KING, SIMON JEREMY, US
[72] SHOR, TAMAR, IL
[73] BMC SOFTWARE, INC., US
[85] 2014-09-26
[86] 2013-03-21 (PCT/US2013/033355)
[87] (WO2013/148470)
[30] US (13/432,888) 2012-03-28

[11] **2,869,150**
[13] C
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 36/14 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **EFFICIENT DEVICE HANDOVER/MIGRATION IN MESH NETWORKS**
[54] **TRANSFERT/MIGRATION EFFICACES DE DISPOSITIFS DANS DES RESEAUX MAILLES**
[72] POPA, DANIEL, US
[72] MAINAUD, BASTIEN, US
[72] MANI, MEHDI, US
[72] NGUYEN, VIET-HUNG, US
[72] STUBER, MICHAEL T. GARRISON, US
[73] ITRON GLOBAL SARL, US
[85] 2014-09-30
[86] 2012-05-07 (PCT/US2012/036838)
[87] (WO2013/165444)
[30] EP (12166697.8) 2012-05-03

---

[11] **2,869,882**
[13] C
[51] **Int.Cl. A61K 31/661 (2006.01) A61K 9/48 (2006.01) A61K 47/02 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **CAPSULE FORMULATION**
[54] **FORMULATION ENCAPSULEE**
[72] UEKI, YOSUKE, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2014-10-07
[86] 2013-04-17 (PCT/JP2013/061418)
[87] (WO2013/157584)
[30] JP (2012-097055) 2012-04-20

---

[11] **2,869,913**
[13] C
[51] **Int.Cl. C12N 5/071 (2010.01) C07K 14/705 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATION OF PLURIPOTENT AND MULTIPOTENT CELLS**
[54] **PROCEDES DE GENERATION DE CELLULES PLURIPOTENTES ET MULTIPOTENTES**
[72] ROBERTS, DAVID D., US
[72] KAUR, SUKHBIR, US
[72] ISENBERG, JEFFREY S., US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES, US
[85] 2014-10-07
[86] 2013-04-09 (PCT/US2013/035838)
[87] (WO2013/155109)
[30] US (61/621,994) 2012-04-09
[30] US (61/735,701) 2012-12-11

---

[11] **2,870,046**
[13] C
[51] **Int.Cl. A42B 3/10 (2006.01) A42C 5/02 (2006.01)**
[25] EN
[54] **FOREHEAD BAND**
[54] **SANGLE FRONTALE**
[72] PFANNER, ANTON, AT
[72] GREBER, MARTIN, AT
[73] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
[85] 2014-10-09
[86] 2013-04-19 (PCT/EP2013/058194)
[87] (WO2013/156604)
[30] DE (10 2012 103 528.8) 2012-04-20

---

[11] **2,870,322**
[13] C
[51] **Int.Cl. F25D 3/06 (2006.01)**
[25] EN
[54] **MODULAR PASSIVE REFRIGERATION CONTAINER**
[54] **RECIPIENT MODULAIRE A REFRIGERATION PASSIVE**
[72] COUSAERT, ERIK, BE
[72] NOELS, CAREN, BE
[72] MERCKX, KOEN, BE
[72] VANVERRE, WIM, BE
[72] VAN MULDERS, JOACHIM, BE
[73] ETABLISSEMENTEN FRANZ COLRUYT, BE
[85] 2014-10-10
[86] 2013-04-15 (PCT/IB2013/052986)
[87] (WO2013/153545)
[30] BE (2012/0250) 2012-04-13

---

[11] **2,870,942**
[13] C
[51] **Int.Cl. B64D 15/00 (2006.01) B64D 15/12 (2006.01) B64D 15/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ANTI-ICING AND/OR DE-ICING AS WELL AS PROFILE BODY AND AEROSPACE COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF ET PROCEDE POUR ANTIGIVRAGE OU DEGIVRAGE AINSI QUE CORPS PROFILE ET AERONEF COMPORTANT UN TEL DISPOSITIF**
[72] STROBL, TOBIAS, DE
[72] STORM, STEFAN, DE
[72] RAPS, DOMINIK, DE
[72] HAUK, TOBIAS, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[86] (2870942)
[87] (2870942)
[22] 2014-11-13
[30] EP (13005342.4-1757) 2013-11-13

[11] **2,871,377**
[13] C
[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **INTEGRATED SIDING RAINSCREEN AND STACKING CLIP**
[54] **ETRIER ET ECRAN PARE-PLUIE POUR PAREMENT INTEGRES**
[72] COLYN, CHRISTOPHER MICHAEL, US
[73] CERTAINTEED CORPORATION, US
[86] (2871377)
[87] (2871377)
[22] 2014-11-17
[30] US (61/905,353) 2013-11-18

[11] **2,872,962**
[13] C
[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **UV DISINFECTION SYSTEM FOR NEEDLELESS CONNECTOR**
[54] **SYSTEME DE DESINFECTION A RAYONS ULTRAVIOLETS POUR UN RACCORD SANS AIGUILLE**
[72] MA, YIPING, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2014-11-06
[86] 2013-05-30 (PCT/US2013/043366)
[87] (WO2013/181393)
[30] US (61/653,932) 2012-05-31
[30] US (13/904,295) 2013-05-29

[11] **2,873,031**
[13] C
[51] **Int.Cl. E04G 1/34 (2006.01) E04G 1/24 (2006.01)**
[25] EN
[54] **ADJUSTABLE ASSEMBLY FOR PROVIDING ALL-TERRAIN SUPPORT TO TABLES AND OTHER STRUCTURES**
[54] **ENSEMBLE AJUSTABLE POUR LA FOURNITURE D'UN SUPPORT TOUT-TERRAIN A DES TABLES ET A D'AUTRES STRUCTURES**
[72] HOYLE, GARY CHARLES, US
[73] HOYLE, GARY CHARLES, US
[85] 2014-11-07
[86] 2013-05-07 (PCT/US2013/039973)
[87] (WO2014/171954)
[30] US (61/643,415) 2012-05-07

[11] **2,873,943**
[13] C
[51] **Int.Cl. B01D 35/06 (2006.01) B01D 35/02 (2006.01) E03B 7/07 (2006.01) F16L 55/24 (2006.01) F24D 19/00 (2006.01) F24H 9/00 (2006.01)**
[25] EN
[54] **SEPARATOR DEVICE FOR A HEATING SYSTEM**
[54] **DISPOSITIF SEPARATEUR POUR SYSTEME DE CHAUFFAGE**
[72] ADEY, CHRISTOPHER, GB
[72] DOWNIE, SIMON, GB
[73] ADEY HOLDINGS (2008) LIMITED, GB
[85] 2014-11-18
[86] 2013-05-21 (PCT/GB2013/051321)
[87] (WO2013/175195)
[30] GB (1208916.5) 2012-05-21

[11] **2,874,379**
[13] C
[51] **Int.Cl. A23L 33/105 (2016.01) A23L 7/117 (2016.01) A23L 33/10 (2016.01) A23L 33/115 (2016.01) A23L 33/12 (2016.01) A23P 10/30 (2016.01) A23P 10/40 (2016.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING THE STABILITY OF FOOD PRODUCT ADDITIVES**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ACCROITRE LA STABILITE D'ADDITIFS DE PRODUITS ALIMENTAIRES**
[72] GAREAU, AMBER LYNN, CA
[72] PITTMAN, SHARON ANN SPURVEY, CA
[72] TABOADA, LARIZA BERISTAIN, CA
[73] DSM NUTRITIONAL PRODUCTS AG, CH
[85] 2014-11-21
[86] 2012-05-21 (PCT/IB2012/001131)
[87] (WO2013/175253)

[11] **2,875,733**
[13] C
[51] **Int.Cl. C07K 7/64 (2006.01)**
[25] EN
[54] **BETA-HAIRPIN PEPTIDOMIMETICS**
[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA**
[72] GOMBERT, FRANK OTTO, CH
[72] OBRECHT, DANIEL, CH
[72] LEDERER, ALEXANDER, CH
[72] ZIMMERMANN, JOHANN, DE
[72] OEFNER, CHRISTIAN, DE
[73] POLYPHOR AG, CH
[85] 2014-12-04
[86] 2012-06-06 (PCT/EP2012/060766)
[87] (WO2013/182240)

[11] **2,876,163**
[13] C
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/25 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **HIGH WATER CONTENT ORAL COMPOSITIONS COMPRISING MICROCRYSTALLINE CELLULOSE AND CARBOXYMETHYLCELLULOSE**
[54] **COMPOSITIONS ORALES A TENEUR EN EAU ELEVEE COMPRENANT DE LA CELLULOSE MICROCRISTALLINE ET DE LA CARBOXYMETHYLCELLULOSE**
[72] MELLO, SARITA, US
[72] PRENCIPE, MICHAEL, US
[72] FISHER, STEVE, US
[72] LAMBERT, PIERRE, BE
[72] DELVENNE, JEAN-PAUL, BE
[72] VOGT, ROBERT, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2014-12-09
[86] 2012-06-29 (PCT/US2012/044832)
[87] (WO2014/003776)

[11] **2,876,826**
[13] C
[51] **Int.Cl. E05B 47/00 (2006.01) H04W 12/04 (2009.01) H04W 88/08 (2009.01) G07C 9/00 (2006.01) G08B 13/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MOBILE ACCESS CONTROL SYSTEM AND METHOD**
[54] **SYSTEME MOBILE DE CONTROLE D'ACCES ET PROCEDE D'UTILISATION**
[72] OUYANG, LI, US
[72] YI, SHENG, US
[72] CHEN, CHEN, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2876826)
[87] (2876826)
[22] 2015-01-06
[30] US (14/152,342) 2014-01-10

[11] **2,877,730**
[13] C
[51] **Int.Cl. B25B 23/02 (2006.01) B25C 7/00 (2006.01) B25F 5/02 (2006.01)**
[25] EN
[54] **TOOL ADAPTER FOR INSTALLATION CLIP**
[54] **ADAPTATEUR D'OUTIL POUR COLLIER D'INSTALLATION**
[72] SHADWELL, PETER J., US
[73] HANDY & HARMAN, US
[85] 2014-12-22
[86] 2013-06-17 (PCT/US2013/046061)
[87] (WO2014/004137)
[30] US (13/535,614) 2012-06-28

[11] **2,878,881**
[13] C
[51] **Int.Cl. A61K 36/064 (2006.01) A61P 15/02 (2006.01) A61P 31/10 (2006.01)**
[25] FR
[54] **SACCHAROMYCES CEREVISIAE YEAST FOR PREVENTING AND/OR TREATING VAGINAL MYCOSES**
[54] **LEVURE SACCHAROMYCES CEREVISIAE POUR PREVENIR ET/OU TRAITER LES MYCOSES VAGINALES**
[72] VANDEKERCKOVE, PASCAL, FR
[73] LESAFFRE ET COMPAGNIE, FR
[85] 2015-01-12
[86] 2013-07-09 (PCT/FR2013/051643)
[87] (WO2014/009656)
[30] FR (12 56799) 2012-07-13

[11] **2,878,938**
[13] C
[51] **Int.Cl. C03C 27/12 (2006.01) C08L 29/14 (2006.01)**
[25] EN
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE STRATIFIE, ET VERRE STRATIFIE**
[72] KITANO, HIROFUMI, JP
[72] KATAYAMA, TAIKI, JP
[73] SEKISUI CHEMICAL CO., LTD., JP
[85] 2015-01-12
[86] 2013-08-02 (PCT/JP2013/071046)
[87] (WO2014/021459)
[30] JP (2012-172165) 2012-08-02

[11] **2,879,123**
[13] C
[51] **Int.Cl. H01B 7/00 (2006.01) G02B 5/124 (2006.01)**
[25] EN
[54] **ELECTRICAL AND/OR TELECOMMUNICATIONS CABLES WITH RETRO-REFLECTIVE INTEGRAL COVERING FOR USE IN AGGRESSIVE ENVIRONMENTS WITH LITTLE OR ZERO VISIBILITY AND THE METHOD FOR THE PRODUCTION THEREOF**
[54] **CABLES ELECTRIQUES ET/OU DE TELECOMMUNICATIONS A GAINES INTEGRALES RETROREFLECHISSANTES POUR UNE UTILISATION DANS DES ENVIRONNEMENTS AGRESSIFS A VISIBILITE FAIBLE OU NULLE ET PROCEDE DE FABRICATION DE CES DERNIERS**
[72] PEREZ-SANCHEZ, ALFONSO, MX
[72] LABASTIDA-SANCHEZ, FERNANDO, MX
[72] CASTANEDA-GUTIERREZ, SERGIO, MX
[72] AGUILAR-AVILA, JONATHAN, MX
[73] SERVICIOS CONDUMEX, S.A. DE C.V., MX
[85] 2015-01-14
[86] 2013-10-30 (PCT/IB2013/002417)
[87] (WO2014/128522)
[30] MX (MX/a/2013/002017) 2013-02-20

[11] **2,879,310**
[13] C
[51] **Int.Cl. G01M 99/00 (2011.01) F24F 11/38 (2018.01) F24F 11/81 (2018.01) F24F 13/04 (2006.01) F24F 13/10 (2006.01)**
[25] EN
[54] **DETECTION OF DAMPER MOTOR MECHANICALLY DISCONNECTED FROM DAMPER ASSEMBLY**
[54] **DETECTION D'UN MOTEUR DE REGISTRE MECANIQUEMENT DECONNECTE DU REGISTRE**
[72] THOMAS, HERMAN MARCUS, US
[72] TROXELL, MARCUS W., US
[72] WALTER, STEPHEN A., US
[73] LENNOX INDUSTRIES INC., US
[86] (2879310)
[87] (2879310)
[22] 2015-01-22
[30] US (14/162,270) 2014-01-23

[11] **2,879,315**
[13] C
[51] **Int.Cl. C23C 18/32 (2006.01) C23C 18/16 (2006.01)**
[25] EN
[54] **ELECTROLESS NICKEL COATINGS AND COMPOSITIONS AND METHODS FOR FORMING THE COATINGS**
[54] **REVETEMENTS AUTOCATALYTIQUES DE NICKEL ET COMPOSITIONS ET PROCEDES DE FORMATION DESDITS REVETEMENTS**
[72] WOJCIK, MATTHEW JOSEPH, US
[72] SCHAFFER, AMBROSE, US
[72] LAPLANTE, JEAN M., US
[73] COVENTYA, INC., US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050932)
[87] (WO2014/015063)
[30] US (61/672,584) 2012-07-17

[11] **2,880,753**
[13] C
[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 31/7076 (2006.01) A61P 15/00 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **A3 ADENOSINE RECEPTOR LIGANDS FOR USE IN TREATMENT OF A SEXUAL DYSFUNCTION**
[54] **LIGANDS DU RECEPTEUR A3 DE L'ADENOSINE POUR L'UTILISATION DANS LE TRAITEMENT D'UN DYSFONCTIONNEMENT SEXUEL**
[72] FISHMAN, PNINA, IL
[73] CAN-FITE BIOPHARMA LTD., IL
[85] 2015-02-02
[86] 2013-08-08 (PCT/IL2013/050675)
[87] (WO2014/024195)
[30] IL (221382) 2012-08-09
[30] IL (222988) 2012-11-12

[11] **2,880,798**
[13] C
[51] **Int.Cl. B65D 49/02 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **TAMPER-EVIDENT ANTI-REFILL DISPENSING FITMENT FOR A CONTAINER**
[54] **ACCESSOIRE DE DISTRIBUTION ANTI-REMPLISSAGE A EVIDENCE D'EFFRACTION POUR UN RECIPIENT**
[72] CHISHOLM, BRIAN J., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2015-02-03
[86] 2013-08-29 (PCT/US2013/057229)
[87] (WO2014/042884)
[30] US (13/621,603) 2012-09-17

[11] **2,882,791**
[13] C
[51] **Int.Cl. B66F 3/46 (2006.01) B66F 5/04 (2006.01) B66F 7/20 (2006.01) B66F 7/26 (2006.01)**
[25] EN
[54] **VEHICLE LIFT SYSTEM WITH ADVANCED OPERATING PLATFORM**
[54] **SYSTEME DE LEVAGE DE VEHICULE A PLATEFORME FONCTIONNELLE EVOLUEE**
[72] JAIPAUL, LARRY M., US
[72] RUCKER, STEPHEN J., US
[72] CHAN, RAYMOND C., US
[73] GRAY MANUFACTURING COMPANY, INC., US
[86] (2882791)
[87] (2882791)
[22] 2015-02-23
[30] US (61/946,230) 2014-02-28
[30] US (61/970,703) 2014-03-26

[11] **2,883,406**
[13] C
[51] **Int.Cl. C21D 9/60 (2006.01) C21D 1/42 (2006.01) C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **RAPID HEATING APPARATUS OF CONTINUOUS ANNEALING LINE**
[54] **DISPOSITIF DE CHAUFFAGE RAPIDE D'UN EQUIPEMENT DE RECUIT CONTINU**
[72] FUKUNAGA, TAKAYUKI, JP
[72] AKAGI, ISAO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2015-02-27
[86] 2013-09-02 (PCT/JP2013/073558)
[87] (WO2014/034931)
[30] JP (2012-192940) 2012-09-03
[30] JP (2012-192936) 2012-09-03

[11] **2,884,217**
[13] C
[51] **Int.Cl. G07D 7/20 (2016.01) G07D 7/12 (2016.01)**
[25] EN
[54] **SECURITY DOCUMENT WITH MICROPERFORATIONS**
[54] **DOCUMENT DE SECURITE A MICROPERFORATIONS**
[72] EICHENBERGER, MARTIN, CH
[72] SAUTER, DIETER, CH
[73] ORELL FUSSLI SICHERHEITSDRUCK AG, CH
[85] 2015-03-05
[86] 2012-09-21 (PCT/CH2012/000218)
[87] (WO2014/043820)

[11] **2,884,652**
[13] C
[51] **Int.Cl. B32B 7/06 (2019.01) B65D 30/08 (2006.01)**
[25] EN
[54] **MULTI-LAYERED LIGHTLY-LAMINATED FILMS AND METHODS OF MAKING THE SAME**
[54] **FILMS MULTICOUCHES LEGEREMENT STRATIFIES ET METHODES DE FABRICATION DE CEUX-CI**
[72] BROERING, SHAUN T., US
[72] FRASER, ROBERT W., US
[72] BORCHARDT, MICHAEL G., US
[72] MACPHERSON, JACK A., US
[72] DORSEY, ROBERT T., US
[72] BINGER, SCOTT, US
[72] CISEK, KEN, US
[72] WALDRON, MATTHEW W., NZ
[72] DENMON, ANGELLI SUE, US
[73] THE GLAD PRODUCTS COMPANY, US
[85] 2015-03-10
[86] 2012-11-16 (PCT/US2012/065628)
[87] (WO2013/074995)
[30] US (13/299,177) 2011-11-17

[11] **2,885,222**
[13] C
[51] **Int.Cl. H04B 1/10 (2006.01) H04B 1/12 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION**
[54] **REDUCTION DU BROUILLAGE DE RETROACTION D'ENVELOPPE ET OPTIMISATION DU DEBIT DE DONNEES**
[72] DAUGHTRIDGE, STUART, US
[72] POTTER, ROBERT, US
[73] KRATOS INTEGRAL HOLDINGS, LLC, US
[85] 2015-03-17
[86] 2013-09-20 (PCT/US2013/060980)
[87] (WO2014/047470)
[30] US (61/704,313) 2012-09-21
[30] US (13/843,393) 2013-03-15

---

[11] **2,885,833**
[13] C
[51] **Int.Cl. G01N 33/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING ABSORBED HUMIDITY IN A COMPOSITE MATERIAL**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MESURER L'HUMIDITE ABSORBEE DANS UN MATERIAU COMPOSITE**
[72] IANNONE, MICHELE, IT
[73] ALENIA AERMACCHI S.P.A., IT
[85] 2015-03-24
[86] 2013-10-09 (PCT/IB2013/059227)
[87] (WO2014/057429)
[30] IT (TO2012A000878) 2012-10-09

---

[11] **2,885,873**
[13] C
[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **SWIMMING POOL CLEANER**
[54] **APPAREIL DE NETTOYAGE DE PISCINE**
[72] RIEF, DIETER J., US
[72] SCHLITZER, HANS RAINER, US
[73] HAYWARD INDUSTRIES, INC., US
[85] 2015-03-24
[86] 2013-09-23 (PCT/US2013/061174)
[87] (WO2014/052234)
[30] US (13/627,637) 2012-09-26

---

[11] **2,887,063**
[13] C
[51] **Int.Cl. A61J 7/00 (2006.01) A61J 7/04 (2006.01) B65B 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED MEDICATION DISPENSING UNIT**
[54] **UNITE DE DISTRIBUTION AUTOMATISEE DE MEDICAMENT**
[72] ANTHONY, PHILIP M., US
[72] NGUYEN, HUAN, US
[72] SILVA, RONALD, US
[72] DEANS, LARRY, US
[72] TOMECHKO, MARYANN, US
[73] ALIXA RX LLC, US
[85] 2015-04-01
[86] 2013-10-04 (PCT/US2013/063471)
[87] (WO2014/055872)
[30] US (13/646,598) 2012-10-05
[30] US (61/711,201) 2012-10-08

---

[11] **2,888,110**
[13] C
[51] **Int.Cl. F01D 7/00 (2006.01) B64C 11/30 (2006.01) F04D 29/36 (2006.01) F02K 3/072 (2006.01) F04D 29/66 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR CONTROLLING THE PITCH OF BLADES**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DU CALAGE DES PALES**
[72] FABRE, ADRIEN, FR
[72] LARTIGUE, NORBERT, FR
[73] SNECMA, FR
[85] 2015-04-10
[86] 2013-10-08 (PCT/FR2013/052402)
[87] (WO2014/060681)
[30] FR (1259952) 2012-10-18

---

[11] **2,888,922**
[13] C
[51] **Int.Cl. C06B 31/28 (2006.01) C06B 45/00 (2006.01)**
[25] EN
[54] **LIQUID ELECTRICALLY INITIATED AND CONTROLLED GAS GENERATOR COMPOSITION**
[54] **COMPOSITION LIQUIDE DE GENERATEUR DE GAZ DEBUTEE ET COMMANDEE DE MANIERE ELECTRIQUE**
[72] MANSHIP, TIM, US
[72] MCPHERSON, MICHAEL D., US
[73] DIGITAL SOLID STATE PROPULSION, INC., US
[85] 2015-04-20
[86] 2013-10-24 (PCT/US2013/066705)
[87] (WO2014/116311)
[30] US (61/718,132) 2012-10-24
[30] US (14/040,442) 2013-09-27

---

[11] **2,889,499**
[13] C
[51] **Int.Cl. A61K 38/25 (2006.01) A61P 21/00 (2006.01) C07K 14/60 (2006.01)**
[25] EN
[54] **GROWTH HORMONE SECRETAGOGUE RECEPTOR AGONISTS FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS**
[54] **AGONISTES DU RECEPTEUR DES SECRETAGOGUES D'HORMONE DE CROISSANCE SERVANT AU TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**
[72] MATSUO, TSUYOSHI, JP
[72] MURAYAMA, NORIHITO, JP
[72] FURUYA, MAYUMI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2015-04-24
[86] 2013-10-23 (PCT/JP2013/078743)
[87] (WO2014/065341)
[30] JP (2012-234300) 2012-10-24

[11] **2,889,612**
[13] C
[51] **Int.Cl. F04C 2/107 (2006.01)**
[25] EN
[54] **METAL STATORS**
[54] **STATORS METALLIQUES**
[72] COGHLAN, EDMOND, III, US
[72] ANDERSON, TYSON BENTLEY, US
[72] PURCELL, JOHN EUGENE, US
[72] RIVARD, ZACHARIAH PAUL, US
[73] ROPER PUMP COMPANY, US
[85] 2015-04-24
[86] 2013-11-06 (PCT/US2013/068707)
[87] (WO2014/078145)
[30] US (13/675,668) 2012-11-13

[11] **2,890,257**
[13] C
[51] **Int.Cl. H02J 7/04 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **LOAD CURRENT REGENERATING CIRCUIT AND ELECTRICAL DEVICE HAVING LOAD CURRENT REGENERATING CIRCUIT**
[54] **CIRCUIT DE REGENERATION DE COURANT DE CHARGE ET DISPOSITIF ELECTRIQUE DOTE D'UN DISPOSITIF DE REGENERATION DE COURANT DE CHARGE**
[72] BAE, YOUNSOO, KR
[73] BAE, YOUNSOO, KR
[85] 2015-04-30
[86] 2013-10-23 (PCT/KR2013/009469)
[87] (WO2014/069835)
[30] KR (10-2012-0121330) 2012-10-30
[30] KR (10-2013-0019330) 2013-02-22

[11] **2,891,538**
[13] C
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/24 (2006.01) A61K 8/27 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS WITH REDUCED ASTRINGENCY AND IMPROVED PHASE STABILITY COMPRISING PYROPHOSPHATES, THICKENING GUMS, AND METAL IONS**
[54] **COMPOSITIONS DE SOIN BUCCAL A ASTRINGENCE REDUITE ET STABILITE DE PHASE AMELIOREE RENFERMANT DES PYROPHOSPHATES, DES GOMMES EPAISSISSANTES ET UNION METALLIQUE**
[72] XU, YUN, CN
[72] HUANG, XIAO YI, CN
[72] XIE, YUAN HUI, CN
[72] QIN, XIONG FEI, CN
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2015-05-14
[86] 2012-12-18 (PCT/CN2012/086819)
[87] (WO2014/094225)

[11] **2,892,411**
[13] C
[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/27 (2006.01) A61K 8/44 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT PRODUCTS WITH PROTEIN AND ANTIPERSPIRANT SALTS**
[54] **PRODUITS ANTITRANSPIRANTS CONTENANT UNE PROTEINE ET DES SELS ANTITRANSPIRANTS**
[72] YUAN, SHAOTANG, US
[72] PAN, LONG, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2015-05-22
[86] 2012-12-19 (PCT/US2012/070501)
[87] (WO2014/098819)

[11] **2,894,417**
[13] C
[51] **Int.Cl. A61K 31/165 (2006.01) A61K 31/122 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **TREATMENT OR PREVENTION OF CARDIOVASCULAR EVENTS VIA THE ADMINISTRATION OF A COLCHICINE DERIVATIVE**
[54] **TRAITEMENT OU PREVENTION D'EVENEMENTS CARDIOVASCULAIRES PAR ADMINISTRATION D'UN DERIVE DE COLCHICINE**
[72] NIDORF, MARK, AU
[73] MURRAY & POOLE ENTERPRISES, LTD., AU
[85] 2015-06-09
[86] 2013-11-01 (PCT/AU2013/001261)
[87] (WO2014/066944)
[30] AU (2012904828) 2012-11-02
[30] AU (2012904868) 2012-11-05

[11] **2,894,543**
[13] C
[51] **Int.Cl. A47L 11/40 (2006.01)**
[25] EN
[54] **WET DUST SUPPRESSION FLOOR CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE DE PLANCHER A SUPPRESSION DE POUSSIERE HUMIDE**
[72] MARTIN, ETHAN, US
[73] MINUTEMAN INTERNATIONAL, INC., US
[85] 2015-06-09
[86] 2013-12-12 (PCT/US2013/074788)
[87] (WO2014/093692)
[30] US (13/712,277) 2012-12-12

[11] **2,894,623**
[13] C
[51] **Int.Cl. G06F 12/06 (2006.01)**
[25] EN
[54] **PARTITION EXTENSION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF D'EXPANSION DE PARTITIONS**
[72] ZHANG, FENG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-06-10
[86] 2012-12-27 (PCT/CN2012/087743)
[87] (WO2014/101070)

[11] **2,895,095**
[13] C
[51] **Int.Cl. C07C 29/149 (2006.01) C07C 67/08 (2006.01) C07D 207/26 (2006.01) C07D 207/267 (2006.01) C07D 307/08 (2006.01) C07D 307/33 (2006.01) C12P 7/40 (2006.01)**
[25] EN
[54] **HYDROGENATION PRODUCTS FROM BIOLOGICALLY-DERIVED CARBOXYLIC-ACID ESTERS**
[54] **PRODUITS D'HYDROGENATION PROVENANT D'ESTERS D'ACIDES CARBOXYLIQUES DERIVES BIOLOGIQUEMENT**
[72] STENSRUD, KENNETH, US
[72] VENKITASUBRAMANIAN, PADMESH, US
[73] ARCHER-DANIELS-MIDLAND COMPANY, US
[85] 2015-05-28
[86] 2013-12-09 (PCT/US2013/073789)
[87] (WO2014/099431)
[30] US (61/739,784) 2012-12-20

---

[11] **2,896,825**
[13] C
[51] **Int.Cl. G03B 7/28 (2006.01) H04N 5/351 (2011.01)**
[25] EN
[54] **IMAGING APPARATUS WITH SCENE ADAPTIVE AUTO EXPOSURE COMPENSATION**
[54] **APPAREIL D'IMAGERIE AVEC COMPENSATION D'EXPOSITION AUTOMATIQUE ADAPTATIVE A LA SCENE**
[72] AFROOZE, SINA, CA
[72] SUN, GUOQIAN, CA
[73] AVIGILON CORPORATION, CA
[85] 2015-06-29
[86] 2013-01-28 (PCT/CA2013/050060)
[87] (WO2014/110654)
[30] US (61/752,889) 2013-01-15

---

[11] **2,897,212**
[13] C
[51] **Int.Cl. C10G 67/04 (2006.01) C10G 21/00 (2006.01)**
[25] EN
[54] **RESIDUE HYDROCRACKING PROCESSING**
[54] **HYDROCRAQUAGE DE RESIDUS**
[72] BALDASSARI, MARIO C., US
[72] MUKHERJEE, UJJAL K., US
[72] OLSEN, ANN-MARIE, US
[72] GREENE, MARVIN I., US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2015-07-03
[86] 2014-01-20 (PCT/US2014/012159)
[87] (WO2014/120490)
[30] US (13/758,429) 2013-02-04

---

[11] **2,897,863**
[13] C
[51] **Int.Cl. B61K 5/00 (2006.01) B66F 3/22 (2006.01) B66F 7/14 (2006.01) B66F 7/26 (2006.01) B66F 7/28 (2006.01)**
[25] EN
[54] **LOW PROFILE DROP TABLE**
[54] **ABATTANT A PROFIL BAS**
[72] KNAPP, RYAN W., US
[73] MACTON CORPORATION, US
[86] (2897863)
[87] (2897863)
[22] 2015-07-15
[30] US (14/454,318) 2014-08-07

---

[11] **2,898,373**
[13] C
[51] **Int.Cl. B65G 47/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A CHECK/EXCEPTION STATION**
[54] **MECANISMES ET METHODES DESTINES A UN POSTE DE VERIFICATION/EXCEPTION**
[72] JOPLIN, JONATHAN W., US
[73] EXPRESS SCRIPTS, INC., US
[86] (2898373)
[87] (2898373)
[22] 2015-07-22
[30] US (62/028,211) 2014-07-23
[30] US (14/803,009) 2015-07-17

---

[11] **2,898,525**
[13] C
[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/6869 (2018.01) C12M 1/42 (2006.01) G01N 21/64 (2006.01) G01N 21/66 (2006.01) G01N 21/76 (2006.01) G01N 21/84 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **SUPER RESOLUTION IMAGING**
[54] **IMAGERIE A SUPER-RESOLUTION**
[72] KHURANA, TARUN, US
[72] GUNDERSON, KEVIN L., US
[72] WU, YIR-SHYUAN, US
[72] KAIN, ROBERT C., US
[73] ILLUMINA, INC., US
[85] 2015-07-16
[86] 2014-03-14 (PCT/US2014/029037)
[87] (WO2014/144569)
[30] US (13/835,492) 2013-03-15
[30] US (61/788,954) 2013-03-15

---

[11] **2,898,911**
[13] C
[51] **Int.Cl. E04B 9/30 (2006.01) E04B 9/12 (2006.01)**
[25] EN
[54] **CLIP FOR PERIMETER TRIM**
[54] **AGRAFE POUR BOISERIE PERIMETRIQUE**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[73] USG INTERIORS, LLC, US
[85] 2015-07-21
[86] 2014-01-23 (PCT/US2014/012712)
[87] (WO2014/120544)
[30] US (13/756,561) 2013-02-01

[11] **2,899,421**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **ARCHITECTURE FOR SHARING BROWSING SESSION HISTORIES**
[54] **ARCHITECTURE POUR PARTAGER DES HISTORIQUES DE SESSION DE NAVIGATION**
[72] TAYLOR, BRETT RICHARD, US
[72] HILL, PETER FRANK, US
[72] VASWANI, AMEET NIRMAL, US
[72] YOUNG, SAMUEL JOHN, US
[72] BROWN, AARON MICHAEL, US
[72] REDDIE, STEVEN MICHAEL, US
[72] TRAHAN, MATTHEW LLOYD, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-07-27
[86] 2014-01-24 (PCT/US2014/013049)
[87] (WO2014/117022)
[30] US (13/751,681) 2013-01-28

[11] **2,899,683**
[13] C
[51] **Int.Cl. F16G 15/04 (2006.01) F16G 11/08 (2006.01)**
[25] EN
[54] **A CONNECTOR**
[54] **CONNECTEUR**
[72] TAYLOR, RICHARD JAMES, GB
[72] JACKSON, JONATHAN FLETCHER, GB
[72] PRESTON, JONATHAN SCOTT, GB
[73] BALLTEC LIMITED, GB
[85] 2015-07-29
[86] 2013-01-30 (PCT/GB2013/050202)
[87] (WO2013/114105)
[30] GB (1201510.3) 2012-01-30

[11] **2,900,822**
[13] C
[51] **Int.Cl. C08F 8/00 (2006.01) C08F 8/20 (2006.01) C08F 8/30 (2006.01) C08F 8/40 (2006.01) C08F 210/12 (2006.01) C08G 81/02 (2006.01)**
[25] EN
[54] **BUTYL RUBBER IONOMER-THERMOPLASTIC GRAFT COPOLYMERS AND METHODS FOR PRODUCTION THEREOF**
[54] **COPOLYMERES GREFFES THERMOPLASTIQUES D'IONOMERE DE CAOUTCHOUC DE BUTYLE ET PROCEDES DE PRODUCTION CORRESPONDANTS**
[72] SIEGERS, CONRAD, CA
[72] STEEVENSZ, RICHARD, CA
[73] LANXESS BUTYL PTE. LTD., SG
[85] 2015-08-11
[86] 2014-02-12 (PCT/CA2014/050098)
[87] (WO2014/124535)
[30] US (61/763,509) 2013-02-12

[11] **2,904,256**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **CALIBRATION FOR MULTI-COMPONENT ASSAYS**
[54] **ETALONNAGE POUR DOSAGES MULTICOMPOSANTS**
[72] KLEIDER, WILHELM, DE
[72] KRAMER, HANS-DIETER, DE
[72] SLUKA, PETER, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-09-04
[86] 2014-06-04 (PCT/EP2014/061571)
[87] (WO2014/195355)
[30] EP (13171044.4) 2013-06-07

[11] **2,904,485**
[13] C
[51] **Int.Cl. F41G 3/06 (2006.01) G01C 3/08 (2006.01)**
[25] EN
[54] **FIREARM AIMING SYSTEM WITH RANGE FINDER, AND METHOD OF ACQUIRING A TARGET**
[54] **SYSTEME DE VISEE POUR ARME A FEU EQUIPE D'UN TELEMETRE ET PROCEDE D'ACQUISITION D'UNE CIBLE**
[72] EHRLICH, AVSHALOM, IL
[73] SMART SHOOTER LTD., IL
[85] 2015-09-08
[86] 2014-01-14 (PCT/IL2014/050040)
[87] (WO2014/125471)
[30] US (13/769,330) 2013-02-17

[11] **2,905,041**
[13] C
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **FLOW CONTROL ASSEMBLY FOR AN AGRICULTURAL METERING SYSTEM**
[54] **MECANISME DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] ZACHARIAS, DARWIN LLOYD, CA
[72] STUART, GRAHAM DOUGLAS, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2905041)
[87] (2905041)
[22] 2015-09-18
[30] US (62/074,880) 2014-11-04

[11] **2,911,397**
[13] C
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 74/08 (2009.01) H04W 16/14 (2009.01) H04L 5/00 (2006.01)**
[25] EN
[54] **LTE/LTE-A UPLINK CARRIER AGGREGATION USING UNLICENSED SPECTRUM**
[54] **AGREGATION DE PORTEUSE DE LIAISON MONTANTE LTE/LTE-A UTILISANT UN SPECTRE SANS LICENCE**
[72] MALLADI, DURGA PRASAD, US
[72] BHUSHAN, NAGA, US
[72] LUO, TAO, US
[72] WEI, YONGBIN, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-11-03
[86] 2014-06-10 (PCT/US2014/041616)
[87] (WO2014/200951)
[30] US (61/833,674) 2013-06-11
[30] US (14/096,686) 2013-12-04

[11] **2,911,654**
[13] C
[51] **Int.Cl. C02F 3/28 (2006.01) C02F 9/00 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR TREATING A BIOMASS MIXED WITH WATER IN ORDER TO PRODUCE DRINKING WATER, BIOGAS AND COMBUSTIBLE SOLIDS**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UNE BIOMASSE MELANGEE A DE L'EAU POUR PRODUIRE DE L'EAU POTABLE, DU BIOGAZ ET DES MATIERES SECHES COMBUSTIBLES**
[72] TROUVE, EMMANUEL, FR
[73] NEREUS SAS, FR
[85] 2015-11-06
[86] 2014-04-30 (PCT/EP2014/058901)
[87] (WO2014/184004)
[30] LU (92192) 2013-05-13

[11] **2,912,538**
[13] C
[51] **Int.Cl. A61K 31/785 (2006.01)**
[25] EN
[54] **METHODS OF TREATING AND/OR PREVENTING NAIL DISORDERS AND/OR IMPROVING THE APPEARANCE OF A NAIL**
[54] **PROCEDES DE TRAITEMENT ET/OU DE PREVENTION DE TROUBLES DES ONGLES ET/OU D'AMELIORATION DE L'APPARENCE D'UN ONGLE**
[72] SWICK, LANCE L., US
[72] NEUVILLE, SCOTT E., US
[72] CHESSON, JERRY S., US
[73] CHESSON LABORATORY ASSOCIATES, INC., US
[85] 2015-11-13
[86] 2014-05-13 (PCT/US2014/037835)
[87] (WO2014/186355)
[30] US (61/824,566) 2013-05-17

[11] **2,912,883**
[13] C
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 1/42 (2006.01) C12M 3/00 (2006.01) C12N 15/10 (2006.01) G01N 1/28 (2006.01) G01N 1/38 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR NUCLEIC ACID PREPARATION FROM CELLS COMPRISING HOUSINGS, CHAMBERS, PIERCING ELEMENTS, VALVES AND PUMPS**
[54] **UN APPAREIL DE PREPARATION D'ACIDE NUCLEIQUE A PARTIR DE CELLULES COMPRENANT DES LOGEMENTS, DES CHAMBRES, DES ELEMENTS DE PERCAGE, DES VALVES ET DES POMPES**
[72] CHING, JESUS, US
[72] HU, DAVID HSIANG, US
[72] YU, STEVE JIA CHANG, US
[72] LEE, PHILLIP YOU FAI, US
[73] LUMINEX CORPORATION, US
[86] (2912883)
[87] (2912883)
[22] 2006-10-18
[62] 2,626,808
[30] US (60/728,569) 2005-10-19
[30] US (60/753,622) 2005-12-22
[30] US (60/753,618) 2005-12-22
[30] US (11/582,651) 2006-10-17

[11] **2,914,257**
[13] C
[51] **Int.Cl. F42D 1/05 (2006.01) F42D 99/00 (2009.01) F42D 1/055 (2006.01)**
[25] EN
[54] **DETONATOR SYSTEM CONFIRMATION**
[54] **CONFIRMATION DE SYSTEME DETONATEUR**
[72] VAN WYK, RIAAN, LINGENFELDER, ZA
[73] DETNET SOUTH AFRICA (PTY) LTD, ZA
[85] 2015-12-01
[86] 2014-04-16 (PCT/ZA2014/000020)
[87] (WO2015/003192)
[30] ZA (2013/04996) 2013-07-04

[11] **2,914,307**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **PLANTS AND SEEDS OF CANOLA VARIETY SCV167385**
[54] **PLANTS ET SEMENCES DE CANOLA DE VARIETE SCV167385**
[72] HUSKOWSKA, TERESA, US
[72] MANN, HARPARTAP, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2914307)
[87] (2914307)
[22] 2015-12-08
[30] US (14/788,480) 2015-06-30

[11] **2,914,309**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 33/10 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **PLANTS AND SEEDS OF CANOLA VARIETY SCV921894**
[54] **PLANTS ET SEMENCES DE CANOLA DE VARIETE SCV921894**
[72] HUSKOWSKA, TERESA, US
[72] MANN, HARPARTAP, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2914309)
[87] (2914309)
[22] 2015-12-08
[30] US (14/788,513) 2015-06-30

[11] **2,914,434**
[13] C
[51] **Int.Cl. H01P 1/207 (2006.01)**
[25] EN
[54] **DIELECTRIC RESONATOR, DIELECTRIC FILTER USING DIELECTRIC RESONATOR, TRANSCEIVER, AND BASE STATION**
[54] **RESONATEUR DIELECTRIQUE ET FILTRE DIELECTRIQUE, EMETTEUR-RECEPTEUR ET STATION DE BASE LES UTILISANT**
[72] YUAN, BENGUI, CN
[72] WANG, QIANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-12-03
[86] 2013-06-04 (PCT/CN2013/076732)
[87] (WO2014/194477)

[11] **2,915,770**
[13] C
[51] **Int.Cl. G01N 1/20 (2006.01) E21B 49/00 (2006.01) G01N 1/22 (2006.01) G01N 1/34 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **HYDRAULICALLY COUPLED DUAL FLOATING PISTON APPARATUS AND METHODS OF USING SAME FOR SAMPLING HIGH PRESSURE FLUIDS**
[54] **APPAREILS A PISTON FLOTTANT DOUBLE COUPLE HYDRAULIQUEMENT ET PROCEDES D'UTILISATION DE CELUI-CI POUR ECHANTILLONNER DES FLUIDES SOUS HAUTE PRESSION**
[72] TREFIAK, KURT, CA
[73] TOTAL ANALYTICAL CONSULTING INC., CA
[86] (2915770)
[87] (2915770)
[22] 2015-12-22
[30] US (62/095,570) 2014-12-22

[11] **2,916,011**
[13] C
[51] **Int.Cl. B25B 13/48 (2006.01) B25B 13/00 (2006.01) B25B 13/02 (2006.01)**
[25] EN
[54] **ONE-PIECE REMOTE WRENCH**
[54] **CLE DISTANTE MONOPIECE**
[72] GUPTE, ANUP A., US
[73] SNAP-ON INCORPORATED, US
[86] (2916011)
[87] (2916011)
[22] 2015-12-23
[30] US (62/114,136) 2015-02-10
[30] US (14/946,006) 2015-11-19

[11] **2,916,389**
[13] C
[51] **Int.Cl. A61L 27/36 (2006.01) A61L 27/38 (2006.01)**
[25] EN
[54] **LIPOFILLING WITH EX-VIVO EXPANDED ADIPOSE TISSUE-DERIVED STEM CELLS FOR COSMETIC BREAST FILLING OR FOR FACIAL FILLING AND/OR REJUVENATION**
[54] **OPERATION DE LIPOFILLING A L'AIDE DE CELLULES SOUCHES DERIVEES DU TISSU ADIPEUX EXPANSEES EX VIVO POUR AUGMENTATION MAMMAIRE OU POUR COMBLEMENT ET/OU RAJEUNISSEMENT FACIAL A DES FINS ESTHETIQUES**
[72] KOLLE, STIG-FREDERIK TROJAHN, DK
[73] STEMFORM APS, DK
[85] 2015-12-21
[86] 2014-06-26 (PCT/EP2014/063581)
[87] (WO2014/207135)
[30] US (61/839,578) 2013-06-26

[11] **2,917,679**
[13] C
[51] **Int.Cl. F24F 13/00 (2006.01) F21V 33/00 (2006.01) F24F 13/06 (2006.01) F24F 13/22 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **LIGHTING CONTROL FOR CHILLED BEAM**
[54] **COMMANDE D'ECLAIRAGE POUR POUTRE FROIDE**
[72] HIRSCH, JOACHIM, US
[72] ZHANG, HONGHUI, US
[72] FREEMAN, ERNEST, US
[72] GLASCH, KEITH, US
[73] AIR DISTRIBUTION TECHNOLOGIES IP, LLC, US
[86] (2917679)
[87] (2917679)
[22] 2016-01-14
[30] US (62/104,333) 2015-01-16
[30] US (14/690,216) 2015-04-17

[11] **2,918,767**
[13] C
[51] **Int.Cl. C07D 295/24 (2006.01) A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL COMPOSITE COMPOSITIONS FOR REDUCED STRESS SHRINKAGE**
[54] **COMPOSITIONS COMPOSITES DENTAIRES POUR RETRAIT SOUS CONTRAINTE REDUIT**
[72] LU, HUI, US
[72] JIN, XIAOMING, US
[72] KLEE, JOACHIM E., DE
[72] KOLTISKO, BERNARD, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2016-01-19
[86] 2014-10-03 (PCT/US2014/058974)
[87] (WO2015/051217)
[30] US (61/886,246) 2013-10-03
[30] US (61/886,747) 2013-10-04

[11] **2,920,647**
[13] C
[51] **Int.Cl. G03G 21/18 (2006.01) G03G 15/01 (2006.01) G03G 15/08 (2006.01)**
[25] EN
[54] **SIDE MEMBER, CARTRIDGE, AND IMAGE FORMING APPARATUS**
[54] **ELEMENT LATERAL, CARTOUCHE ET APPAREIL DE FORMATION D'IMAGE**
[72] MORIOKA, MASANARI, JP
[72] FUKUI, YUICHI, JP
[73] CANON KABUSHIKI KAISHA, JP
[86] (2920647)
[87] (2920647)
[22] 2016-02-11
[30] JP (2015-037866) 2015-02-27

[11] **2,921,467**
[13] C
[51] **Int.Cl. H01R 25/14 (2006.01)**
[25] EN
[54] **POWER DISTRIBUTION OUTLET**
[54] **PRISE DE DISTRIBUTION ELECTRIQUE**
[72] HARTMANN, RICHARD, JR., US
[72] SCHNEIDER, EDWARD, US
[73] ITC INCORPORATED, US
[86] (2921467)
[87] (2921467)
[22] 2016-02-22
[30] US (15/006,457) 2016-01-26

[11] **2,923,769**
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/701 (2013.01) H04L 12/931 (2013.01)**
[25] EN
[54] **A CONTIGUOUS NETWORK FOR CLOUD COMMUNICATIONS**
[54] **UN RESEAU CONTIGU DESTINE AUX COMMUNICATIONS NUAGIQUES**
[72] BESHAI, MAGED E., CA
[73] BESHAI, MAGED E., CA
[86] (2923769)
[87] (2923769)
[22] 2016-03-14
[30] US (15068664) 2016-03-14
[30] US (15068668) 2016-03-14

[11] **2,924,516**
[13] C
[51] **Int.Cl. C07H 19/04 (2006.01) A61K 31/7042 (2006.01)**
[25] EN
[54] **GLUCOPYRANOSYL-SUBSTITUTED INDOLE-UREA DERIVATIVES AND THEIR USE AS SGLT INHIBITORS**
[54] **DERIVES D'INDOLE-UREE SUBSTITUES PAR UN GLUCOPYRANOSYLE ET LEUR UTILISATION A TITRE D'INHIBITEURS DE SGLT**
[72] FIELDS, TODD, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-03-15
[86] 2014-10-28 (PCT/US2014/062548)
[87] (WO2015/065956)
[30] US (61/898,494) 2013-11-01

[11] **2,924,703**
[13] C
[51] **Int.Cl. G01V 1/38 (2006.01) G01C 21/12 (2006.01) G01V 1/24 (2006.01) G01V 1/30 (2006.01) G01V 1/36 (2006.01)**
[25] EN
[54] **MARINE SEISMIC SURVEYING IN ICY OR OBSTRUCTED WATERS**
[54] **PROSPECTION SISMIQUE MARINE DANS LES EAUX GLACEES OU OBSTRUEES**
[72] GAGLIARDI, JOSEPH R., US
[72] RICE, SHAWN, US
[72] SCHNEIDER, CURT, US
[72] CUNKELMAN, JEFFREY W., US
[72] DUDLEY, TIMOTHY A., US
[72] LAMBERT, DALE, US
[72] BURNHAM, MIKE, US
[73] ION GEOPHYSICAL CORPORATION, US
[86] (2924703)
[87] (2924703)
[22] 2010-03-09
[62] 2,754,543
[30] US (61/158,698) 2009-03-09
[30] US (61/246,367) 2009-09-28
[30] US (61/261,329) 2009-11-14

[11] **2,926,551**
[13] C
[51] **Int.Cl. E21B 33/127 (2006.01)**
[25] EN
[54] **SLANT-DRILLED VALVE COLLAR**
[54] **COLLIER DE SOUPAPE DE FORAGE OBLIQUE**
[72] DINKEL, JEFF, US
[73] TAM INTERNATIONAL, INC., US
[85] 2016-04-05
[86] 2014-11-24 (PCT/US2014/067120)
[87] (WO2015/077703)
[30] US (61/908,515) 2013-11-25

[11] **2,927,113**
[13] C
[51] **Int.Cl. G06Q 20/34 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METHODS, DEVICES, AND SYSTEMS FOR SECURE PROVISIONING, TRANSMISSION, AND AUTHENTICATION OF PAYMENT DATA**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE MISE EN SERVICE, DE TRANSMISSION ET D'AUTHENTIFICATION SECURISEES DE DONNEES DE PAIEMENT**
[72] HUANG, ENYANG, US
[72] GRAYLIN, WILLIAM WANG, US
[72] WALLNER, GEORGE, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-04-11
[86] 2015-02-13 (PCT/US2015/015855)
[87] (WO2015/126753)
[30] US (61/942,681) 2014-02-21
[30] US (61/974,696) 2014-04-03
[30] US (14/511,994) 2014-10-10

[11] **2,927,291**
[13] C
[51] **Int.Cl. G02B 26/00 (2006.01) B42D 25/36 (2014.01) G02F 1/00 (2006.01)**
[25] EN
[54] **OPTICALLY VARIABLE DEVICES, THEIR PRODUCTION AND USE**
[54] **DISPOSITIFS OPTIQUEMENT VARIABLES, LEUR PRODUCTION ET LEUR UTILISATION**
[72] FIRTH, ANDREA V., CA
[72] MCGARRY, STEVEN PAUL, CA
[72] RANKIN, ALASDAIR PATRICK, CA
[73] BANK OF CANADA, CA
[85] 2016-04-13
[86] 2014-11-06 (PCT/CA2014/051069)
[87] (WO2015/066809)
[30] US (61/901,592) 2013-11-08
[30] US (62/056,090) 2014-09-26

[11] **2,928,178**
[13] C
[51] **Int.Cl. C07J 31/00 (2006.01) A61K 31/575 (2006.01) A61P 3/00 (2006.01) C07J 9/00 (2006.01)**
[25] EN
[54] **TGR5 MODULATORS AND METHODS OF USE THEREOF**
[54] **MODULATEURS DE TGR5 ET LEURS PROCEDES D'UTILISATION**
[72] PELLICCIARI, ROBERTO, IT
[73] INTERCEPT PHARMACEUTICALS, INC., US
[86] (2928178)
[87] (2928178)
[22] 2008-01-18
[62] 2,676,417
[30] EP (07001143.2) 2007-01-19
[30] EP (07012079.5) 2007-06-20

[11] **2,928,902**
[13] C
[51] **Int.Cl. H04W 88/02 (2009.01)**
[25] EN
[54] **INTRA-VEHICULAR MOBILE DEVICE MANAGEMENT**
[54] **GESTION DE DISPOSITIFS MOBILES INTRA-VEHICULAIRES**
[72] LUDICK, WILFRED, US
[73] LUDICK, WILFRED, US
[85] 2016-04-27
[86] 2013-11-06 (PCT/US2013/068637)
[87] (WO2014/074544)
[30] US (61/725,200) 2012-11-12
[30] US (14/072,167) 2013-11-05

[11] **2,931,361**
[13] C
[51] **Int.Cl. H04J 11/00 (2006.01)**
[25] EN
[54] **NETWORK NODE, WIRELESS DEVICE, METHODS THEREIN, FOR SENDING AND DETECTING, RESPECTIVELY, SYNCHRONIZATION SIGNAL AND AN ASSOCIATED INFORMATION**
[54] **N□UD DE RESEAU, DISPOSITIF SANS FIL, PROCEDES DANS CEUX-CI POUR EMETTRE ET DETECTER RESPECTIVEMENT UN SIGNAL DE SYNCHRONISATION ET UNE INFORMATION ASSOCIEE**
[72] FRENNE, MATTIAS, SE
[72] GERSTENBERGER, DIRK, SE
[72] FURUSKOG, JOHAN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-05-20
[86] 2014-10-03 (PCT/SE2014/051144)
[87] (WO2015/080646)
[30] US (61/909,752) 2013-11-27

[11] **2,931,597**
[13] C
[51] **Int.Cl. G01N 15/06 (2006.01) H04W 80/00 (2009.01) G01D 9/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **REAL-TIME MONITORING OF HEALTH HAZARDS DURING HYDRAULIC FRACTURING**
[54] **SUIVI EN TEMPS REEL DE RISQUES POUR LA SANTE PENDANT UNE FRACTURATION HYDRAULIQUE**
[72] DURSUN, SERKAN, US
[72] UYANIK, ILYAS, US
[72] GERMAIN, OLIVIER R., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-05-25
[86] 2013-12-26 (PCT/US2013/077825)
[87] (WO2015/099736)

[11] **2,931,899**
[13] C
[51] **Int.Cl. B09C 1/08 (2006.01)**
[25] EN
[54] **PROCESS TO REMEDIATE CONTAMINATED SOILS USING CARBON DIOXIDE-ASSISTED HYPOCHLORITE OXIDATION**
[54] **PROCEDE DE RETABLISSEMENT DE SOLS CONTAMINES AU MOYEN D'OXYDATION D'HYPOCHLORITE ASSISTEE AU DIOXYDE DE CARBONE**
[72] PICARD, FRANCOIS, CA
[72] CHAOUKI, JAMAL, CA
[73] SIGNATERRE ENVIRONNEMENT INC., CA
[86] (2931899)
[87] (2931899)
[22] 2016-06-01
[30] CA (2,893,844) 2015-06-02

---

[11] **2,932,469**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **SLIDING SUTURE GRASPER**
[54] **PINCE DE SUTURE COULISSANTE**
[72] BAGAOISAN, CELSO, US
[72] PAI, SURESH, US
[72] LABARBERA, BRAD, US
[73] TELEFLEX MEDICAL INCORPORATED, US
[85] 2016-06-01
[86] 2014-12-09 (PCT/US2014/069286)
[87] (WO2015/089034)
[30] US (61/913,906) 2013-12-09

---

[11] **2,932,840**
[13] C
[51] **Int.Cl. G07F 7/06 (2006.01)**
[25] EN
[54] **SHOPPING TROLLEY WITH A DOCKING STATION AND A COIN DEPOSIT LOCK**
[54] **CHARIOT POURVU D'UNE STATION D'ACCUEIL ET D'UN CONSIGNEUR**
[72] TILBURGER, FRANK, DE
[73] TILBURGER, FRANK, DE
[85] 2016-06-06
[86] 2013-12-16 (PCT/IB2013/002773)
[87] (WO2014/091296)
[30] AT (A 1298/2012) 2012-12-14
[30] AT (A 1299/2012) 2012-12-14

---

[11] **2,933,162**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) B64D 41/00 (2006.01) B64D 45/02 (2006.01) H02J 3/00 (2006.01) H02J 3/40 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **MODULAR EQUIPMENT CENTER SOLID STATE PRIMARY POWER SWITCHING NETWORK**
[54] **RESEAU DE COMMUTATION DE PUISSANCE PRIMAIRE A SEMI-CONDUCTEURS POUR CENTRES D'EQUIPEMENT MODULAIRES**
[72] SHANDER, MARK S., US
[72] LURTON, N. EVAN, US
[72] CURRIER, THOMAS F., US
[72] BROUWER, TODD B., US
[72] LIFFRING, MARK E., US
[72] DHONDT, JON J., US
[72] KERR, CAROLYN, US
[72] HOLLEY, ROBERT D., US
[72] SCHAFFNER, LOWELL W., US
[72] SOLODOVNIK, EUGENE, US
[72] THOMAS, TERRANCE L., US
[73] THE BOEING COMPANY, US
[86] (2933162)
[87] (2933162)
[22] 2014-08-18
[62] 2,859,807
[30] US (14/052,426) 2013-10-11

---

[11] **2,934,455**
[13] C
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **VISCOSIFIER FOR ENHANCED OIL RECOVERY**
[54] **ADDITIF AMELIORANT L'INDICE DE VISCOSITE POUR RECUPERATION AMELIOREE DU PETROLE**
[72] GAMAGE, PUBUDU HASANKA, US
[72] KULKARNI, SANDEEP D., US
[72] SHUMWAY, WILLIAM WALTER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-17
[86] 2014-02-12 (PCT/US2014/016101)
[87] (WO2015/122887)

---

[11] **2,934,873**
[13] C
[51] **Int.Cl. G06F 21/30 (2013.01) G06F 17/21 (2006.01)**
[25] EN
[54] **FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS**
[54] **FORMAT DE FICHIER, PLATE-FORME DE STOCKAGE ET VERIFICATION DE JUSTIFICATIFS D'IDENTITE**
[72] SARKISSIAN, SHAUNT M., US
[73] CORTEX MCP, INC., US
[85] 2016-06-21
[86] 2013-12-20 (PCT/US2013/077010)
[87] (WO2014/100628)
[30] US (61/740,731) 2012-12-21
[30] US (13/794,878) 2013-03-12

---

[11] **2,935,762**
[13] C
[51] **Int.Cl. F04D 15/00 (2006.01) F04B 49/06 (2006.01) F04B 49/20 (2006.01) F04C 14/08 (2006.01)**
[25] EN
[54] **VARIABLE SPEED MULTI-PUMP APPLICATION FOR PROVIDING ENERGY SAVING BY CALCULATING AND COMPENSATING FOR FRICTION LOSS USING SPEED REFERENCE**
[54] **APPLICATION DE MULTIPLES POMPES A VITESSE VARIABLE POUR REALISER DES ECONOMIES D'ENERGIE EN CALCULANT ET EN COMPENSANT LES PERTES PAR FRICTION EN UTILISANT UNE REFERENCE DE VITESSE**
[72] PATEL, PRADIPKUMAR B., US
[72] GU, JAMES J., US
[73] FLUID HANDLING LLC, US
[85] 2016-06-30
[86] 2015-01-07 (PCT/US2015/010419)
[87] (WO2015/105832)
[30] US (61/924,393) 2014-01-07

[11] **2,937,342**
[13] C
[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/441 (2011.01) H04N 21/8545 (2011.01)**
[25] EN
[54] **INSERTING PERSONALIZED INFORMATION INTO DIGITAL CONTENT**
[54] **INSERTION D'INFORMATION PERSONNALISEE DANS UN CONTENU NUMERIQUE**
[72] MCDONOUGH, JOHN C., US
[72] STERN, HADLEY RUPERT, US
[73] FMR LLC, US
[86] (2937342)
[87] (2937342)
[22] 2016-07-28
[30] US (14/815,417) 2015-07-31

[11] **2,937,552**
[13] C
[51] **Int.Cl. H01L 23/538 (2006.01) H01L 21/56 (2006.01) H01L 21/60 (2006.01)**
[25] EN
[54] **INTEGRATED DEVICE COMPRISING STACKED DIES ON REDISTRIBUTION LAYERS**
[54] **DISPOSITIF INTEGRE COMPRENANT DES PUCES EMPILEES SUR DES COUCHES DE REDISTRIBUTION**
[72] RAY, URMI, US
[72] GU, SHIQUN, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-07-20
[86] 2015-02-12 (PCT/US2015/015639)
[87] (WO2015/123426)
[30] US (14/181,371) 2014-02-14

[11] **2,938,216**
[13] C
[51] **Int.Cl. E03F 5/06 (2006.01) E04C 2/42 (2006.01)**
[25] EN
[54] **GRATING**
[54] **GRILLE DE COUVERTURE**
[72] KRCIL, JIRI, CZ
[72] RICKA, JAROSLAV, CZ
[72] SOBOTKA, MICHAL, CZ
[72] STRAKA, JAN, CZ
[73] ACO SEVERIN AHLMANN GMBH & CO KOMMANDITGESELLSCHAFT, DE
[85] 2016-07-28
[86] 2015-02-03 (PCT/EP2015/052124)
[87] (WO2015/117932)
[30] DE (102014101322.0) 2014-02-04

[11] **2,939,250**
[13] C
[51] **Int.Cl. H04N 21/234 (2011.01)**
[25] EN
[54] **PROCESSING CONTINUOUS MULTI-PERIOD CONTENT**
[54] **TRAITEMENT D'UN CONTENU A MULTIPLES PERIODES CONTINUES**
[72] STOCKHAMMER, THOMAS, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-08-10
[86] 2015-03-24 (PCT/US2015/022264)
[87] (WO2015/148519)
[30] US (61/969,777) 2014-03-24
[30] US (14/665,252) 2015-03-23

[11] **2,939,704**
[13] C
[51] **Int.Cl. G01K 11/32 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SPATIALLY RESOLVED MEASUREMENT OF TEMPERATURE AND/OR STRAIN BY BRILLOUIN SCATTERING**
[54] **DISPOSITIF ET METHODE DE MESURE DE LA TEMPERATURE OU DE SOUCHE RESOLUE SPATIALEMENT PAR DIFFUSION DE BRILLOUIN**
[72] HILL, WIELAND, DE
[72] RATH, ALEXANDER, DE
[72] MARX, BENJAMIN, DE
[73] NKT PHOTONICS GMBH, DE
[86] (2939704)
[87] (2939704)
[22] 2016-08-22
[30] DE (102015114670.3) 2015-09-02

[11] **2,940,019**
[13] C
[51] **Int.Cl. D04H 1/498 (2012.01) D04H 3/011 (2012.01) D04H 3/016 (2012.01) D04H 3/018 (2012.01) D04H 3/11 (2012.01) A47L 13/16 (2006.01)**
[25] EN
[54] **CLEANING CLOTH**
[54] **CHIFFON DE NETTOYAGE**
[72] GROTEN, ROBERT, FR
[72] EISENHUT, ANDREAS, DE
[72] DUNKEL, JORG, DE
[72] GLEICH, THORSTEN, DE
[73] CARL FREUDENBERG KG, DE
[85] 2016-08-17
[86] 2015-01-15 (PCT/EP2015/050660)
[87] (WO2015/124335)
[30] DE (10 2014 002 231.5) 2014-02-21

[11] **2,940,026**
[13] C
[51] **Int.Cl. D04H 1/00 (2006.01) A47G 9/00 (2006.01) D04H 1/42 (2012.01) D04H 1/54 (2012.01) D04H 1/70 (2012.01)**
[25] EN
[54] **VOLUME NONWOVEN FABRIC**
[54] **NON-TISSE VOLUMINEUX**
[72] GRYNAEUS, PETER, DE
[72] SCHARFENBERGER, GUNTER, DE
[72] SATTLER, THOMAS, DE
[73] CARL FREUDENBERG KG, DE
[85] 2016-08-17
[86] 2015-02-17 (PCT/EP2015/053265)
[87] (WO2015/124548)
[30] DE (10 2014 002 060.6) 2014-02-18

[11] **2,940,207**
[13] C
[51] **Int.Cl. C08F 290/06 (2006.01) G02B 1/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **HYDROPHILIZED CARBOSILOXANE VINYLIC MONOMERS**
[54] **MONOMERES VINYLIQUES DE CARBOSILOXANE RENDUS HYDROPHILES**
[72] HUANG, JINYU, US
[72] CHANG, FRANK, US
[73] NOVARTIS AG, CH
[85] 2016-08-19
[86] 2015-04-23 (PCT/US2015/027256)
[87] (WO2015/164582)
[30] US (61/984,117) 2014-04-25

[11] **2,940,661**
[13] C
[51] **Int.Cl. G09G 5/34 (2006.01) H04N 21/482 (2011.01) G06F 3/0481 (2013.01) G06F 3/0485 (2013.01)**
[25] EN
[54] **ANIMATING CONTENT DISPLAY**
[54] **AFFICHAGE DE CONTENU D'ANIMATION**
[72] YE, TINGMENG, CN
[72] WU, YIMING, CN
[73] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2016-08-24
[86] 2015-04-10 (PCT/US2015/025283)
[87] (WO2015/160647)
[30] CN (201410157744.4) 2014-04-18
[30] US (14/682,896) 2015-04-09

[11] **2,941,607**
[13] C
[51] **Int.Cl. A63B 47/00 (2006.01) A63B 67/04 (2006.01)**
[25] EN
[54] **TABLE TENNIS ROBOT WITH IMPROVED SERVING HEAD MOVEMENT**
[54] **ROBOT DE TENNIS DE TABLE AVEC MOUVEMENT DE TETE DE SERVICE AMELIORE**
[72] THOMAN, LAWRENCE MICHAEL, US
[72] CEVIK, BURAK, US
[73] NEWGY INDUSTRIES, INC., US
[85] 2016-09-02
[86] 2015-02-09 (PCT/US2015/014966)
[87] (WO2015/134151)
[30] US (61/948,204) 2014-03-05

[11] **2,941,646**
[13] C
[51] **Int.Cl. H04S 5/00 (2006.01) H04R 3/04 (2006.01) H04R 5/04 (2006.01) H04R 9/06 (2006.01)**
[25] EN
[54] **MULTICHANNEL AUDIO SYSTEM HAVING AUDIO CHANNEL COMPENSATION**
[54] **SYSTEME AUDIO MULTIPLEX DOTE D'UNE COMPENSATION DE CANAL AUDIO**
[72] SOULODRE, GILBERT ARTHUR JOSEPH, CA
[73] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US
[86] (2941646)
[87] (2941646)
[22] 2010-10-04
[62] 2,773,812
[30] US (61/248760) 2009-10-05

[11] **2,942,057**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **KEYBOARD APPARATUS HAVING OPERATION SYSTEM AND COMPUTER ASSEMBLY**
[54] **DISPOSITIF DE CLAVIER DOTE D'UN SYSTEME D'EXPLOITATION ET ENSEMBLE INFORMATIQUE**
[72] YAO, ZHEN, CN
[73] ACOOO (BEIJING) LIMITED, CN
[85] 2016-09-09
[86] 2014-10-17 (PCT/CN2014/088836)
[87] (WO2015/135320)
[30] CN (201410091109.0) 2014-03-13
[30] CN (201410091133.4) 2014-03-13

[11] **2,942,093**
[13] C
[51] **Int.Cl. A62C 3/02 (2006.01) B64D 1/16 (2006.01)**
[25] EN
[54] **FIRE EXTINGUISHER DEVICE FOR AERIAL USE**
[54] **DISPOSITIF D'EXTINCTION D'INCENDIE DESTINE A UN USAGE AERIEN**
[72] ALVAREZ MONTANER, LLUIS, ES
[73] ALVAREZ MONTANER, LLUIS, ES
[85] 2016-09-09
[86] 2015-03-12 (PCT/ES2015/000032)
[87] (WO2015/136128)
[30] ES (P201400202) 2014-03-13

[11] **2,942,550**
[13] C
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SCREENING SYSTEM FOR PORTABLE VIBRATORY MACHINE**
[54] **SYSTEME DE TAMIS DESTINE A UNE MACHINE VIBRATOIRE PORTATIVE**
[72] FREISSLE, PETER HELMUT FRANZ, US
[72] WEAVER, MARK VINCENT, US
[73] POLYDECK SCREEN CORPORATION, US
[86] (2942550)
[87] (2942550)
[22] 2016-09-21
[30] US (62/221,286) 2015-09-21

[11] **2,943,148**
[13] C
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM ACCESS RESPONSE METHOD, BASE STATION, AND TERMINAL**
[54] **PROCEDE DE REPONSE D'ACCES ALEATOIRE, STATION DE BASE, ET TERMINAL**
[72] NAN, FANG, CN
[72] YU, ZHENG, CN
[72] CHENG, XINGQING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-19
[86] 2014-03-21 (PCT/CN2014/073896)
[87] (WO2015/139318)

[11] **2,943,514**
[13] C
[51] **Int.Cl. H04N 5/91 (2006.01) H04N 5/93 (2006.01)**
[25] EN
[54] **METHOD FOR SYNCHRONIZING DATA BETWEEN DIFFERENT TYPES OF DEVICES AND DATA PROCESSING DEVICE FOR GENERATING SYNCHRONIZED DATA**
[54] **PROCEDE DE SYNCHRONISATION DANS LE TEMPS DES DONNEES ENTRE DES DISPOSITIFS HETEROGENES ET UN APPAREIL DE TRAITEMENT DE DONNEES POUR GENERER DES DONNEES SYNCHRONISEES DANS LE TEMPS**
[72] PARK, HYUN JIN, KR
[73] GOLFZON CO., LTD., KR
[85] 2016-09-21
[86] 2015-03-20 (PCT/KR2015/002763)
[87] (WO2015/142121)
[30] KR (10-2014-0033109) 2014-03-21

[11] **2,943,941**
[13] C
[51] **Int.Cl. B62K 25/08 (2006.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[72] YOSHIKUNI, HIROYUKI, JP
[72] HIRAKAWA, NOBUHIKO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2943941)
[87] (2943941)
[22] 2016-09-30
[30] JP (2015-194215) 2015-09-30

---

[11] **2,944,158**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESENTING A SALES DEMONSTRATION USING A POOL/SPA CONTROLLER USER INTERFACE**
[54] **SYSTEME ET PROCEDE POUR PRESENTER UNE DEMONSTRATION DE VENTE A L'AIDE D'UNE INTERFACE UTILISATEUR DE DISPOSITIF DE COMMANDE DE PISCINE/SPA**
[72] PORTER, BRUCE, US
[72] MASSA, MICHAEL, US
[72] POTUCEK, KEVIN, US
[72] FOURNIER, GERGORY, US
[72] DEBRUIN, JASON, US
[73] HAYWARD INDUSTRIES, INC., US
[85] 2016-09-27
[86] 2014-03-28 (PCT/US2014/032145)
[87] (WO2015/147856)
[30] US (61/970,935) 2014-03-27

---

[11] **2,944,228**
[13] C
[51] **Int.Cl. G01S 5/02 (2010.01) G01S 13/87 (2006.01) G08B 13/14 (2006.01)**
[25] EN
[54] **METHOD FOR LOCATING A RADIO TAG**
[54] **PROCEDE DE LOCALISATION D'UNE ETIQUETTE RFID**
[72] ROSSL, ANDREAS, AT
[73] SES-IMAGOTAG GMBH, AT
[85] 2016-09-28
[86] 2014-05-14 (PCT/EP2014/059824)
[87] (WO2015/172822)

---

[11] **2,944,599**
[13] C
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 22/00 (2006.01)**
[25] EN
[54] **CONCRETE MATERIALS WITH MODIFIED RHEOLOGY, METHODS OF MAKING, AND USES THEREOF**
[54] **MATERIAUX DE BETON A RHEOLOGIE MODIFIEE, PROCEDES DE FABRICATION, ET LEURS UTILISATIONS**
[72] FELDMAN, STEVEN B., US
[72] PURCELL, ROBERT J., JR., US
[72] TUTBURY, PETER, US
[72] FENDLEY, PAUL, US
[72] PARKER, DENNIS C., US
[72] COETZEE, RUDOLPH, US
[73] ACTIVE MINERALS INTERNATIONAL, LLC, US
[85] 2016-09-29
[86] 2015-04-22 (PCT/US2015/027116)
[87] (WO2015/167900)
[30] US (14/266,748) 2014-04-30

---

[11] **2,944,687**
[13] C
[51] **Int.Cl. A61H 23/00 (2006.01) A61H 23/02 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **PERCUSSIVE CHEST THERAPY APPARATUS HAVING A NEBULIZER INTERFACE**
[54] **APPAREIL DE THERAPIE THORACIQUE A PERCUSSION COMPORTANT UNE INTERFACE DE NEBULISEUR**
[72] VENKATARAYA, SURESHA, SG
[73] HILL-ROM SERVICES PTE LIMITED, SG
[86] (2944687)
[87] (2944687)
[22] 2016-10-06
[30] US (62/240,704) 2015-10-13

---

[11] **2,945,612**
[13] C
[51] **Int.Cl. C07D 241/46 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **PHENAZINIUM MEDIATORS**
[54] **MEDIATEURS PHENAZINIUM**
[72] HEINDL, DIETER, DE
[72] NORTMEYER, CHRISTINE, DE
[72] GEBAUER, PETER, DE
[72] HUNT DU VALL, STACY, US
[72] BAUER-ESPINDOLA, KLAUS ANDREAS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-13
[86] 2015-04-13 (PCT/EP2015/057933)
[87] (WO2015/158645)
[30] EP (14164571.3) 2014-04-14

---

[11] **2,945,703**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01) G06Q 20/40 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS AND METHODS FOR IMPROVED AUTHENTICATION**
[54] **SYSTEMES, APPAREIL ET PROCEDES POUR UNE AUTHENTIFICATION AMELIOREE**
[72] KAMAL, ASHFAQ, US
[72] WILLIAMSON, GREGORY D., US
[72] HUBBARD, STEVE, GB
[72] REANY, BOB, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-10-12
[86] 2015-04-13 (PCT/US2015/025530)
[87] (WO2015/160686)
[30] US (61/979,301) 2014-04-14

[11] **2,946,337**
[13] C
[51] **Int.Cl. G06K 19/077 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A FILM WHICH SERVES AS A CARRIER FOR ELECTRONIC COMPONENTS**
[54] **DISPOSITIF DE FABRICATION D'UN FILM, QUI SERT DE SUPPORT POUR DES COMPOSANTS ELECTRONIQUES**
[72] TARANTINO, THOMAS, DE
[72] GRIESMEIER, ROBERT, DE
[73] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
[85] 2016-10-19
[86] 2015-04-21 (PCT/EP2015/000835)
[87] (WO2015/176792)
[30] DE (10 2014 007 474.9) 2014-05-21

---

[11] **2,946,630**
[13] C
[51] **Int.Cl. H04W 76/14 (2018.01)**
[25] EN
[54] **D2D COMMUNICATION DISCOVERY METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE DETECTION DE COMMUNICATION DE DISPOSITIF A DISPOSITIF (D2D)**
[72] LIAO, DEFU, CN
[72] LIN, MEIXIN, CN
[72] ZENG, GUANGZHU, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-21
[86] 2014-04-22 (PCT/CN2014/075938)
[87] (WO2015/161442)

---

[11] **2,947,093**
[13] C
[51] **Int.Cl. G02B 6/46 (2006.01) B29C 63/22 (2006.01) F16L 55/00 (2006.01) F16L 57/00 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **PIPE-CONFORMING STRUCTURE**
[54] **STRUCTURE SE CONFORMANT A UN TUYAU**
[72] MINOIS, ANTOINE, US
[72] KULKARNI, MOHAN G., US
[72] ELLIOTT, JAMES E., US
[72] WEIR, MICHAEL S., US
[72] CHENG, WENTAO, US
[72] RINEHART, ADAM J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-10-26
[86] 2015-06-12 (PCT/US2015/035625)
[87] (WO2016/003632)
[30] US (62/019,313) 2014-06-30

---

[11] **2,947,523**
[13] C
[51] **Int.Cl. A61K 47/26 (2006.01) A01N 43/08 (2006.01) A61K 8/60 (2006.01) A61K 31/341 (2006.01) B01F 17/42 (2006.01) C09K 3/00 (2006.01) C10M 129/20 (2006.01)**
[25] FR
[54] **COMPOSITIONS OF MONO-ALKYL ETHERS OF MONOANHYDRO-HEXITOLS, PRODUCTION METHODS THEREOF AND USE OF SAME**
[54] **COMPOSITIONS D'ETHERS MONO-ALKYLIQUES DE MONOANHYDRO-HEXITOLS, PROCEDES DE PREPARATION ET LEUR UTILISATION**
[72] GOZLAN, CHARLOTTE, FR
[72] DUGUET, NICOLAS, FR
[72] LEMAIRE, MARC, FR
[72] REDL, ANDREAS, BE
[73] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[73] TEREOS STARCH & SWEETENERS BELGIUM, BE
[85] 2016-10-31
[86] 2015-06-11 (PCT/IB2015/054418)
[87] (WO2015/189796)
[30] FR (14/01346) 2014-06-13

---

[11] **2,947,720**
[13] C
[51] **Int.Cl. G01N 21/95 (2006.01) G01B 11/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR WELD MEASUREMENT**
[54] **APPAREIL ET PROCEDES POUR MESURE DE SOUDURE**
[72] HUANG, WEI, US
[72] GLOBIG, MICHAEL, US
[72] SPINELLA, DONALD J., US
[72] VEMURI, K. RAO, US
[73] ARCONIC INC., US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028855)
[87] (WO2015/171459)
[30] US (61/988,641) 2014-05-05

---

[11] **2,947,816**
[13] C
[51] **Int.Cl. G01D 11/00 (2006.01) H04W 84/18 (2009.01) G01V 9/00 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **AUTONOMOUS AND CONTROLLABLE SYSTEMS OF SENSORS AND METHODS OF USING SUCH SYSTEMS**
[54] **SYSTEMES DE CAPTEURS AUTONOMES ET POUVANT ETRE COMMANDES ET PROCEDES D'UTILISATION DE CES SYSTEMES**
[72] DAVOODI, FARANAK, US
[72] DAVOUDI, FARHOOMAN, FR
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[86] (2947816)
[87] (2947816)
[22] 2013-06-19
[62] 2,912,423
[30] US (61/662,852) 2012-06-21
[30] US (61/727,459) 2012-11-16
[30] US (13/776,652) 2013-02-25

[11] **2,948,904**
[13] C
[51] **Int.Cl. E06B 9/24 (2006.01) E06B 9/32 (2006.01) E06B 9/36 (2006.01)**
[25] EN
[54] **ROLL-UP RETRACTABLE COVERING FOR ARCHITECTURAL OPENINGS**
[54] **COUVERTURE RETRACTABLE PAR ENROULEMENT POUR OUVERTURES ARCHITECTURALES**
[72] COLSON, WENDELL B., US
[72] DREW, TERRENCE M., US
[72] SWISZCZ, PAUL G., US
[72] THRONE, JASON T., US
[73] HUNTER DOUGLAS INC., US
[86] (2948904)
[87] (2948904)
[22] 2009-08-06
[62] 2,734,626
[30] US (61/091,959) 2008-08-26

[11] **2,951,846**
[13] C
[51] **Int.Cl. H01R 24/86 (2011.01) B60R 16/02 (2006.01) F01M 5/02 (2006.01) H01R 29/00 (2006.01)**
[25] EN
[54] **ENGINE BLOCK HEATER CORD SET**
[54] **ENSEMBLE DE CORDON DE CHAUFFE-BLOC MOTEUR**
[72] WONG, PING-CHUNG (ERIC), CA
[72] MCNAUGHT, DANIEL PAUL, CA
[73] ELECTRICAL COMPONENTS INTERNATIONAL, INC., US
[86] (2951846)
[87] (2951846)
[22] 2016-12-14
[30] US (62/269,426) 2015-12-18

[11] **2,953,254**
[13] C
[51] **Int.Cl. C04B 26/26 (2006.01) C04B 24/06 (2006.01) C04B 24/08 (2006.01)**
[25] EN
[54] **MODIFIED ASPHALT BINDERS AND COMPOSITIONS**
[54] **LIANTS ET COMPOSITIONS D'ASPHALTE MODIFIES**
[72] WINSHIP, RYAN H., US
[72] HOLMES, CHRISTOPHER J., US
[72] BROERE, DAVID J.C., US
[73] KRATON CHEMICAL, LLC, US
[86] (2953254)
[87] (2953254)
[22] 2016-12-30
[30] US (62/273,604) 2015-12-31

[11] **2,953,904**
[13] C
[51] **Int.Cl. E04B 1/70 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **DRAINABLE WEATHER RESISTIVE BARRIER**
[54] **BARRIERE DRAINABLE RESISTANT AUX INTEMPERIES**
[72] HICKIE, BRIAN ANDREW, US
[72] FARELL, GREGORY WAGNER, US
[73] AVINTIV SPECIALTY MATERIALS INC., US
[86] (2953904)
[87] (2953904)
[22] 2017-01-06
[30] US (62/276,395) 2016-01-08

[11] **2,954,134**
[13] C
[51] **Int.Cl. H02S 40/36 (2014.01) H02S 20/23 (2014.01) H02S 40/34 (2014.01) E04D 13/18 (2018.01)**
[25] FR
[54] **PANEL EQUIPPED WITH A PHOTOVOLTAIC DEVICE**
[54] **PANNEAU MUNI D'UN DISPOSITIF PHOTOVOLTAIQUE**
[72] VIGNAL, RENAUD, FR
[72] GERON, LAURENT, BE
[73] ARCELORMITTAL, LU
[85] 2017-01-03
[86] 2015-07-01 (PCT/IB2015/001092)
[87] (WO2016/001738)
[30] IB (PCT/IB2014/001240) 2014-07-01

[11] **2,954,269**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **LOW-NOISE FLUXGATE MAGNETOMETER WITH INCREASED OPERATING TEMPERATURE RANGE**
[54] **MAGNETOMETRE A VANNE DE FLUX A FAIBLE BRUIT PRESENTANT UNE PLAGE DE TEMPERATURE DE FONCTIONNEMENT ACCRUE**
[72] LI, WENQUAN, US
[72] BESTE, RANDAL THOMAS, US
[72] ROBERSON, BRIAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-04
[86] 2015-05-26 (PCT/US2015/032403)
[87] (WO2016/022194)
[30] US (62/035,031) 2014-08-08

[11] **2,954,481**
[13] C
[51] **Int.Cl. H01M 8/04537 (2016.01) H02J 1/00 (2006.01)**
[25] EN
[54] **CELL SYSTEM AND CONTROL METHOD FOR CELL SYSTEM**
[54] **SYSTEME DE BATTERIE ET PROCEDE DE COMMANDE DE SYSTEME DE BATTERIE**
[72] SATO, MASASHI, JP
[72] AKASHI, KOTARO, JP
[72] SAKAI, MASANOBU, JP
[72] NISHIMURA, HIDETAKA, JP
[72] KOBAYASHI, KENJI, JP
[72] TSUJI, KEITA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-06
[86] 2014-07-08 (PCT/JP2014/068175)
[87] (WO2016/006036)

[11] **2,955,362**
[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/44 (2006.01) B01D 53/48 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TOTAL ORGANIC CARBON REMOVAL**
[54] **PROCEDES ET SYSTEMES POUR L'ELIMINATION DU CARBONE ORGANIQUE TOTAL**
[72] WILLIAMS, SHAZAM, CA
[72] HU, LINJIE, CA
[73] DCL INTERNATIONAL INC., CA
[85] 2017-01-16
[86] 2015-07-17 (PCT/CA2015/050667)
[87] (WO2016/008054)
[30] US (62/025,767) 2014-07-17

[11] **2,957,306**
[13] C
[51] **Int.Cl. F04C 18/02 (2006.01) F04C 29/02 (2006.01)**
[25] EN
[54] **SCROLL COMPRESSOR.**
[54] **COMPRESSEUR A SPIRALES**
[72] STOOP, KOEN, BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2017-02-06
[86] 2015-08-04 (PCT/BE2015/000035)
[87] (WO2016/023086)
[30] BE (2014/0619) 2014-08-14

[11] **2,958,246**
[13] C
[51] **Int.Cl. C07D 233/64 (2006.01) C07B 53/00 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING OPTICALLY ACTIVE VALERIC ACID DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE D'ACIDE VALERIQUE OPTIQUEMENT ACTIF**
[72] HAYASHI, MASAKI, JP
[72] UKAI, KAZUTOSHI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2017-02-15
[86] 2015-09-17 (PCT/JP2015/076389)
[87] (WO2016/043253)
[30] JP (2014-189571) 2014-09-18

---

[11] **2,959,799**
[13] C
[51] **Int.Cl. B81B 3/00 (2006.01)**
[25] EN
[54] **PISTON-TUBE ELECTROSTATIC MICROACTUATOR**
[54] **MICROACTIONNEUR ELECTROSTATIQUE A PISTON**
[72] BA-TIS, FAEZ, CA
[72] BEN-MRAD, RIDHA, CA
[73] BA-TIS, FAEZ, CA
[73] BEN-MRAD, RIDHA, CA
[85] 2017-02-28
[86] 2014-08-04 (PCT/IB2014/001498)
[87] (WO2016/020716)

---

[11] **2,960,408**
[13] C
[51] **Int.Cl. A61L 27/44 (2006.01) A61L 27/54 (2006.01) A61L 33/10 (2006.01) A61L 33/16 (2006.01)**
[25] EN
[54] **MEDICAL DEVICES WITH REDUCED THROMBOGENICITY**
[54] **DISPOSITIFS MEDICAUX A THROMBOGENICITE REDUITE**
[72] WISE, STEVEN G., AU
[72] NG, MARTIN K. C., AU
[73] HEART RESEARCH INSTITUTE LTD, AU
[85] 2017-03-07
[86] 2015-09-11 (PCT/AU2015/050539)
[87] (WO2016/037239)
[30] US (62/049,879) 2014-09-12

---

[11] **2,960,944**
[13] C
[51] **Int.Cl. A61K 31/36 (2006.01) A61K 31/192 (2006.01) A61K 31/40 (2006.01) A61K 31/4035 (2006.01) A61K 31/4245 (2006.01) A61K 31/428 (2006.01) A61K 31/44 (2006.01) A61K 31/4409 (2006.01) A61K 31/445 (2006.01) A61K 31/454 (2006.01) A61K 31/47 (2006.01) A61K 31/472 (2006.01) A61K 31/495 (2006.01) A61K 31/505 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **USE OF 3-(4-(BENZYLOXY)PHENYL)HEX-4-INOIC ACID DERIVATIVES IN COMBINATION WITH A SECONDARY ACTIVE INGREDIENT FOR THE TREATMENT OF METABOLIC DISEASES**
[54] **UTILISATION DE DERIVES D'ACIDE 3-(4-(BENZYLOXY)PHENYL)HEX-4-INOIQUE EN COMBINAISON AVEC UN INGREDIENT ACTIF SECONDAIRE EN VUE DU TRAITEMENT DE MALADIES METABOLIQUES**
[72] YANG, JIN, KR
[72] KIM, JIN WOONG, KR
[72] LEE, HAN KYU, KR
[72] KIM, JAE HYUN, KR
[72] SON, CHANG MO, KR
[72] LEE, KYU HWAN, KR
[72] CHOI, HYUNG-HO, KR
[72] KIM, DAEHOON, KR
[72] HA, TAE-YOUNG, KR
[72] RHEE, JAEKEOL, KR
[73] HYUNDAI PHARM CO., LTD., KR
[85] 2017-03-10
[86] 2015-10-16 (PCT/KR2015/010976)
[87] (WO2016/060517)
[30] KR (10-2014-0141216) 2014-10-17

---

[11] **2,960,976**
[13] C
[51] **Int.Cl. H04B 3/56 (2006.01) H04W 40/34 (2009.01) H04B 17/30 (2015.01) H04B 17/373 (2015.01) H04B 3/46 (2015.01) H04B 3/54 (2006.01) H04L 12/703 (2013.01) G01R 31/04 (2006.01)**
[25] EN
[54] **MONITORING AND MITIGATING CONDITIONS IN A COMMUNICATION NETWORK**
[54] **SURVEILLANCE ET ATTENUATION DES CONDITIONS DANS UN RESEAU DE COMMUNICATION**
[72] FUCHS, MITCHELL HARVEY, US
[72] GERSZBERG, IRWIN, US
[73] AT&T INTELLECTUAL PROPERTY I, LP, US
[85] 2017-03-10
[86] 2015-08-28 (PCT/US2015/047315)
[87] (WO2016/043949)
[30] US (14/488,346) 2014-09-17

---

[11] **2,961,167**
[13] C
[51] **Int.Cl. C01B 32/20 (2017.01) C01B 32/15 (2017.01) C01B 32/22 (2017.01) C01B 33/02 (2006.01) C01B 33/12 (2006.01) C01B 35/00 (2006.01) C01B 35/10 (2006.01)**
[25] EN
[54] **CARBON COMPOSITES COMPRISING CARBON MICROSTRUCTURES**
[54] **COMPOSITES DE CARBONE COMPRENANT DES MICROSTRUCTURES DE CARBONE**
[72] XU, ZHIYUE, US
[72] ZHAO, LEI, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2017-03-13
[86] 2015-08-13 (PCT/US2015/044950)
[87] (WO2016/043876)
[30] US (14/488,851) 2014-09-17

[11] **2,961,678**
[13] C
[51] **Int.Cl. C03C 13/02 (2006.01) C03C 3/087 (2006.01)**
[25] EN
[54] **GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **COMPOSITE EN FIBRE DE VERRE, FIBRE DE VERRE DE CELUI-CI ET MATERIAU COMPOSITE DE CELUI-CI**
[72] CAO, GUORONG, CN
[72] ZHANG, LIN, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[73] JUSHI GROUP CO., LTD., CN
[85] 2017-03-17
[86] 2014-12-29 (PCT/CN2014/095401)
[87] (WO2016/045222)
[30] CN (201410487975.1) 2014-09-22

[11] **2,962,795**
[13] C
[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/4353 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **PYRIDO-OXAZINONE DERIVATIVES AS TNAP INHIBITORS**
[54] **DERIVES DE PYRIDO-OXAZINONE UTILISE COMME INHIBITEURS DE TNAP**
[72] MIYAZAKI, SHOJIRO, JP
[72] YAMAMOTO, YUKO, JP
[72] SUZUKI, KEISUKE, JP
[72] INUI, MASAHARU, JP
[72] IZUMI, MASANORI, JP
[72] SOMA, KAORI, JP
[72] PINKERTON, ANTHONY, US
[72] SHINOZAKI, TAEKO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE, US
[85] 2017-03-27
[86] 2016-07-07 (PCT/US2016/041345)
[87] (WO2017/007943)
[30] US (62/190,145) 2015-07-08

[11] **2,962,928**
[13] C
[51] **Int.Cl. B27B 25/10 (2006.01) B27B 5/29 (2006.01) B27B 27/02 (2006.01) B27B 27/08 (2006.01)**
[25] EN
[54] **PUSH-STICKS FOR SAWS AND STORAGE SYSTEMS THEREFOR**
[54] **BATONNETS POUSSOIRS DESTINES A DES SCIES ET SYSTEMES DE RANGEMENT ASSOCIES**
[72] COOLEY, ADRIANE DIAN, US
[72] COBLE, BENJAMIN WORTH, US
[72] CHANG, KEVIN C.Y., US
[73] LOWE'S COMPANIES, INC., US
[85] 2017-03-28
[86] 2015-09-25 (PCT/US2015/052201)
[87] (WO2016/053784)
[30] US (14/499,446) 2014-09-29

[11] **2,963,020**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/113 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR LASER PROCESSING AN EYE**
[54] **APPAREIL POUR TRAITEMENT LASER D'UN □IL**
[72] LEMONIS, SISSIMOS, DE
[72] RIEDEL, PETER, DE
[72] ABRAHAM, MARIO, DE
[73] NOVARTIS AG, CH
[85] 2017-03-29
[86] 2014-11-20 (PCT/EP2014/075076)
[87] (WO2016/078707)

[11] **2,963,669**
[13] C
[51] **Int.Cl. A61N 5/00 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RELIEVING HIGH BLOOD SUGAR FACTOR OF DIABETES**
[54] **SYSTEME ET METHODE D'ATTENUATION DU FACTEUR DE GLYCEMIE DES DIABETIQUES**
[72] CHANG, WEN-CHIEH, TW
[73] TAIWAN RESONANT WAVES RESEARCH CORP., TW
[86] (2963669)
[87] (2963669)
[22] 2017-04-10
[30] CN (201610277731.X) 2016-04-28

[11] **2,963,961**
[13] C
[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
[73] SOUCY INTERNATIONAL INC., CA
[86] (2963961)
[87] (2963961)
[22] 2017-04-12
[30] US (62/321,420) 2016-04-12

[11] **2,964,334**
[13] C
[51] **Int.Cl. H04H 20/30 (2009.01)**
[25] EN
[54] **BROADCAST SIGNAL FRAME GENERATING APPARATUS AND BROADCAST SIGNAL FRAME GENERATING METHOD USING LAYERED DIVISION MULTIPLEXING**
[54] **APPAREIL DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION AU MOYEN D'UN MULTIPLEXAGE PAR REPARTITION EN COUCHES**
[72] LEE, JAE-YOUNG, KR
[72] PARK, SUNG-IK, KR
[72] LIM, BO-MI, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2017-04-11
[86] 2016-02-11 (PCT/KR2016/001401)
[87] (WO2016/144010)
[30] KR (10-2015-0031907) 2015-03-06
[30] KR (10-2016-0004462) 2016-01-13

[11] **2,965,081**
[13] C
[51] **Int.Cl. A61M 1/16 (2006.01) G16H 10/60 (2018.01) G16H 50/20 (2018.01) A61B 5/145 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **HEMODIALYSIS PATIENT DATA ACQUISITION, MANAGEMENT AND ANALYSIS SYSTEM**
[54] **SYSTEME D'ACQUISITION, DE GESTION ET D'ANALYSE DE DONNEES DE PATIENT SOUS HEMODIALYSE**
[72] BARRETT, LOUIS L., US
[72] PETERSON, DAVID W., US
[72] BLACK, MICHAEL K., US
[72] NATHANSON, BRIAN H., US
[72] GERMAIN, MICHAEL J., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[86] (2965081)
[87] (2965081)
[22] 2009-09-23
[62] 2,742,619
[30] US (12/265,386) 2008-11-05

---

[11] **2,965,304**
[13] C
[51] **Int.Cl. H04L 12/02 (2006.01)**
[25] EN
[54] **DYNAMIC POWER REDUCTION MANAGEMENT OF NETWORK DEVICES**
[54] **GESTION DE REDUCTION DE CONSOMMATION D'ENERGIE DYNAMIQUE DE DISPOSITIFS DE RESEAU**
[72] BENTON, THOMAS P., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2017-04-20
[86] 2015-10-09 (PCT/US2015/054919)
[87] (WO2016/064601)
[30] US (14/519,203) 2014-10-21

---

[11] **2,965,338**
[13] C
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F01D 9/04 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ENGINE COMPONENT ASSEMBLY**
[54] **ENSEMBLE COMPOSANT DE MOTEUR**
[72] BUNKER, RONALD SCOTT, US
[72] RAUSCH, JONATHAN MICHAEL, US
[72] CLARK, EMILY ROSETTE, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2017-04-20
[86] 2015-10-27 (PCT/US2015/057577)
[87] (WO2016/069599)
[30] US (62/073,449) 2014-10-31

---

[11] **2,966,027**
[13] C
[51] **Int.Cl. C03B 23/24 (2006.01) C03B 23/203 (2006.01) C03C 27/00 (2006.01) C03C 27/06 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **ENERGY-SAVING PLATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **FEUILLE PERMETTANT D'ECONOMISER L'ENERGIE ET SON PROCEDE DE FABRICATION**
[72] TIAN, YONGJIANG, CA
[73] ICESUN VACUUM GLASS LTD., CA
[85] 2017-04-27
[86] 2014-11-07 (PCT/CN2014/090651)
[87] (WO2016/065665)
[30] CN (201410601986.8) 2014-10-31
[30] CN (201420643067.2) 2014-10-31

---

[11] **2,966,091**
[13] C
[51] **Int.Cl. F16B 7/14 (2006.01) E02D 27/48 (2006.01) E04B 5/02 (2006.01) E04G 1/15 (2006.01) E04G 23/04 (2006.01) F16M 11/22 (2006.01)**
[25] EN
[54] **STABILIZING SYSTEMS FOR DECK PEDESTALS**
[54] **SYSTEMES DE STABILISATION POUR COLONNES DE PONT**
[72] REPASKY, JOHN, US
[73] REPASKY, JOHN, US
[86] (2966091)
[87] (2966091)
[22] 2010-03-08
[62] 2,695,862
[30] US (12/417,942) 2009-04-03

---

[11] **2,966,096**
[13] C
[51] **Int.Cl. G01D 5/16 (2006.01) G01K 7/16 (2006.01) G01N 27/04 (2006.01)**
[25] EN
[54] **CHEMICAL SENSORS BASED ON CHIPLESS RADIO FREQUENCY IDENTIFICATION (RFID) ARCHITECTURES**
[54] **CAPTEURS CHIMIQUES FONDES SUR DES ARCHITECTURES D'IDENTIFICATION PAR FREQUENCE RADIO (RFID) SANS PUCE**
[72] GIBSON, GEORGE A., US
[73] XEROX CORPORATION, US
[86] (2966096)
[87] (2966096)
[22] 2017-05-02
[30] US (15/154738) 2016-05-13

[11] **2,966,698**
[13] C
[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/502 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING FLUID SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE FLUIDES POUR L'ENTRETIEN DES PUITS DE FORAGE ET PROCEDES D'UTILISATION**
[72] THAEMLITZ, CARL JOSEPH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2966698)
[87] (2966698)
[22] 2013-03-13
[62] 2,869,857
[30] US (13/442,610) 2012-04-09
[30] US (13/442,653) 2012-04-09

[11] **2,966,811**
[13] C
[51] **Int.Cl. F22B 1/18 (2006.01) F22B 29/06 (2006.01) F22B 35/10 (2006.01) F22B 35/18 (2006.01) F22D 1/02 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR OPERATING A ONCE-THROUGH STEAM GENERATOR**
[54] **PROCEDE DE REGULATION DU FONCTIONNEMENT D'UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR**
[72] BRUCKNER, JAN, DE
[72] THOMAS, FRANK, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-05-04
[86] 2015-10-29 (PCT/EP2015/075136)
[87] (WO2016/071204)
[30] DE (102014222682.1) 2014-11-06

[11] **2,966,854**
[13] C
[51] **Int.Cl. G01B 21/32 (2006.01) F16L 3/14 (2006.01) F16L 33/03 (2006.01) G01B 5/30 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **STRAIN SENSING CABLE TIE**
[54] **ATTACHE DE CABLE DETECTANT LA CONTRAINTE**
[72] MURPHY, KATHRYN F., US
[72] ZHONG, SHENG, US
[72] GHOUL, CHERIF, US
[73] ABB SCHWEIZ AG, CH
[86] (2966854)
[87] (2966854)
[22] 2017-05-10
[30] US (62/334,151) 2016-05-10

[11] **2,967,243**
[13] C
[51] **Int.Cl. H04L 12/70 (2013.01)**
[25] EN
[54] **ROUND-TRIP DELAY TIME MEASUREMENT SYSTEM, ROUND-TRIP DELAY TIME MEASUREMENT METHOD, RETURN METHOD, COMMUNICATION DEVICE, PROGRAM, AND DATA STRUCTURE**
[54] **SYSTEME DE MESURE DE TEMPS DE RETARD D'ALLER-RETOUR, PROCEDE DE MESURE DE TEMPS DE RETARD D'ALLER-RETOUR, DISPOSITIF, PROGRAMME ET STRUCTURE DE DONNEES DE COMMUNICATION**
[72] SUZUKI, MOTOHIRO, JP
[72] ANETAI, KANAKO, JP
[73] NEC CORPORATION, JP
[85] 2017-05-10
[86] 2015-11-12 (PCT/JP2015/081876)
[87] (WO2016/080280)
[30] JP (2014-234691) 2014-11-19

[11] **2,967,717**
[13] C
[51] **Int.Cl. C08L 23/06 (2006.01) C08F 2/34 (2006.01) C08F 4/02 (2006.01) C08F 4/16 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITION HAVING HIGH STRESS CRACKING RESISTANCE**
[54] **COMPOSITION DE POLYETHYLENE PRESENTANT UNE RESISTANCE ELEVEE A LA FISSURATION SOUS CONTRAINTE**
[72] MANNEBACH, GERD, DE
[72] MARCZINKE, BERND LOTHAR, DE
[72] MEIER, GERHARDUS, DE
[72] SCHULLER, ULF, DE
[72] VITTORIAS, IAKOVOS, DE
[72] MAVRIDIS, HARILAOS, US
[73] BASELL POLYOLEFINE GMBH, DE
[85] 2017-05-12
[86] 2015-10-27 (PCT/EP2015/074862)
[87] (WO2016/078879)
[30] US (62/081,411) 2014-11-18

[11] **2,967,753**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING UNDERGROUND RESOURCES AND HYDROLYSIS-BLOCKING AGENT FOR USE IN THE METHOD**
[54] **METHODE D'EXTRACTION DE RESSOURCES SOUTERRAINES ET AGENT DE BLOCAGE PAR HYDROLYSE DESTINE A LA METHODE**
[72] YOSHIKAWA, SEISHI, JP
[72] KATAYAMA, TSUTAKI, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2017-05-12
[86] 2015-10-22 (PCT/JP2015/079784)
[87] (WO2016/080142)
[30] JP (2014-234406) 2014-11-19

[11] **2,967,809**
[13] C
[51] **Int.Cl. B31D 5/00 (2017.01) B31D 1/00 (2017.01) B31D 3/04 (2006.01) B65D 81/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EXPANDING A SLIT SHEET MATERIAL TO FORM AN EXPANDED PACKAGING PRODUCT**
[54] **APPAREIL ET PROCEDE POUR L'EXPANSION D'UN MATERIAU EN FEUILLES A FENTES POUR FORMER UN PRODUIT D'EMBALLAGE EXPANSE**
[72] CHEICH, ROBERT, US
[72] DEMERS, RAIMOND, NL
[72] HUBERTUS, CALS, FR
[72] URBAN, PETER, US
[73] RANPAK CORPORATION, US
[85] 2017-05-12
[86] 2015-11-13 (PCT/US2015/060638)
[87] (WO2016/077728)
[30] US (62/078,972) 2014-11-13
[30] US (62/109,887) 2015-01-30

[11] **2,968,225**
[13] C
[51] **Int.Cl. B29C 48/08 (2019.01) B29C 48/50 (2019.01) B29B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANUFACTURING BULKED CONTINUOUS FILAMENT**
[54] **SYSTEMES ET PROCEDES DE FABRICATION DE FILAMENT CONTINU GONGLANT**
[72] CLARK, THOMAS R., US
[73] ALADDIN MANUFACTURING CORPORATION, US
[85] 2017-05-17
[86] 2015-11-17 (PCT/US2015/061116)
[87] (WO2016/081474)
[30] US (14/546,796) 2014-11-18

[11] **2,968,429**
[13] C
[51] **Int.Cl. G01V 5/12 (2006.01)**
[25] EN
[54] **X-RAY BACKSCATTER IMAGING OF AN OBJECT EMBEDDED IN A HIGHLY SCATTERING MEDIUM**
[54] **IMAGERIE PAR RETRODIFFUSION DE RAYONS X D'UN OBJET NOYE DANS UN MILIEU A DIFFUSION ELEVEE**
[72] SAFINYA, KAMBIZ, US
[72] VOLL, ADNE, NO
[72] SOFIIENKO, ANDRII, NO
[72] PONCE, DAVID, NO
[72] SPANNUTH, MELISSA, NO
[72] TORSTEINSEN, HENNING, NO
[73] VISURAY INTECH LTD., VG
[73] TEAGUE, PHILIP, US
[85] 2017-05-19
[86] 2014-11-21 (PCT/EP2014/075276)
[87] (WO2016/078727)

[11] **2,969,092**
[13] C
[51] **Int.Cl. C10J 3/32 (2006.01) F23G 5/027 (2006.01) F23G 5/26 (2006.01) F23G 5/28 (2006.01) F27D 3/00 (2006.01)**
[25] EN
[54] **ROTATING AND MOVABLE BED GASIFIER PRODUCING HIGH CARBON CHAR**
[54] **GAZEIFIEUR A LIT MOBILE ET ROTATIF POUR LA PRODUCTION DE CHARBON A HAUTE TENEUR EN CARBONE**
[72] THIESSEN, RANDALL J., US
[72] THIESSEN, LA VOY M., JR., US
[73] THIESSEN, LAVOY M., JR., US
[73] THIESSEN, RANDALL J., US
[85] 2017-05-26
[86] 2014-10-23 (PCT/US2014/062024)
[87] (WO2016/064407)

[11] **2,969,481**
[13] C
[51] **Int.Cl. E01B 9/68 (2006.01)**
[25] EN
[54] **BASE PLATE AND RAIL FASTENING POINT**
[54] **POINT DE FIXATION DE PLAQUE DE BASE ET DE RAIL**
[72] BECKER, DIETMAR, DE
[72] HARRASS, MICHAEL, DE
[72] JONCA, MICHAEL, DE
[72] WROBLEWSKI, ARTUR, DE
[72] BEDNARCZYK, ADRIAN, DE
[73] VOSSLOH-WERKE GMBH, DE
[85] 2017-06-01
[86] 2014-12-02 (PCT/EP2014/076290)
[87] (WO2016/086979)

[11] **2,969,824**
[13] C
[51] **Int.Cl. C05D 3/00 (2006.01) A01G 22/05 (2018.01) A01G 7/00 (2006.01) C05G 1/00 (2006.01)**
[25] EN
[54] **GYPSUM FERTILIZER FOR BLUEBERRIES AND METHOD FOR SUPPRESSING BLUEBERRY ABSCISSION**
[54] **ENGRAIS DE GYPSE POUR LES MYRTILLES ET PROCEDE POUR EMPECHER L'ABSCISSION DE LA MYRTILLE**
[72] SUGANO, KENICHI, JP
[72] MIURA, SHINICHI, JP
[72] ICHINO, YUSUKE, JP
[72] OBI, YOSITOSI, JP
[73] YOSHINO GYPSUM CO., LTD., JP
[85] 2017-06-05
[86] 2015-12-24 (PCT/JP2015/085932)
[87] (WO2016/104560)
[30] JP (2014-265527) 2014-12-26

[11] **2,970,603**
[13] C
[51] **Int.Cl. B65D 65/46 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLES MADE FROM A COMBINATION OF DIFFERENT FILMS AND CONTAINING HOUSEHOLD CARE COMPOSITIONS**
[54] **ARTICLES DE DOSAGE UNIQUE HYDROSOLUBLES FAITS D'UNE COMBINAISON DE DIFFERENTES PELLICULES ET RENFERMANT DES PRODUITS D'ENTRETIEN MENAGER**
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] LABEQUE, REGINE, BE
[72] FRIEDRICH, STEVEN GEORGE, US
[72] LEE, DAVID M., US
[72] NII, SHINSUKE, US
[72] YEUNG, LEE KON, US
[72] YOGAN, THOMAS J., US
[72] RENMANS, MARC RENE BERT, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2970603)
[87] (2970603)
[22] 2017-06-13
[30] US (62/349,635) 2016-06-13

[11] **2,970,877**
[13] C
[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/962 (2013.01) A61M 25/09 (2006.01)**
[25] EN
[54] **CATHETER DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION PAR CATHETER**
[72] DORN, JURGEN, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[86] (2970877)
[87] (2970877)
[22] 2009-06-10
[62] 2,721,902
[30] GB (0810749.2) 2008-06-11
[30] US (61/060,568) 2008-06-11

[11] **2,971,269**
[13] C
[51] **Int.Cl. A62C 35/68 (2006.01) A62C 37/44 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **FIRE EXTINGUISHING SYSTEM VALVES AND FIRE EXTINGUISHING SYSTEMS WITH SAID VALVES**
[54] **VANNES D'INSTALLATIONS D'EXTINCTION D'INCENDIE ET INSTALLATIONS D'EXTINCTION D'INCENDIE EQUIPEES DE CES VANNES**
[72] POHL, MATTHIAS, DE
[73] MINIMAX GMBH & CO. KG, DE
[85] 2017-06-16
[86] 2015-12-17 (PCT/EP2015/080328)
[87] (WO2016/097201)
[30] DE (10 2014 226 639.4) 2014-12-19

[11] **2,971,628**
[13] C
[51] **Int.Cl. B23B 51/10 (2006.01) B23B 49/00 (2006.01) B23C 9/00 (2006.01)**
[25] EN
[54] **STOP FOR A DRILLING, MILLING OR COUNTERSINKING TOOL**
[54] **BUTEE POUR OUTIL DE PERCAGE, FRAISAGE OU LAMAGE**
[72] REBHOLZ, FELIX, DE
[73] GUHRING KG, DE
[85] 2017-06-20
[86] 2015-08-12 (PCT/EP2015/068542)
[87] (WO2016/023944)
[30] EP (PCT/EP2014/067277) 2014-08-12
[30] DE (10 2014 115 768.0) 2014-10-30

[11] **2,972,180**
[13] C
[51] **Int.Cl. H01M 10/0567 (2010.01) H01M 10/058 (2010.01)**
[25] EN
[54] **NONAQUEOUS ELECTROLYTE SECONDARY BATTERY, BATTERY ASSEMBLY, AND METHOD OF MANUFACTURING THE SAME WITH FILM ON ACTIVE MATERIAL SURFACE**
[54] **BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX, ENSEMBLE DE BATTERIE ET METHODE DE FABRICATION DE LADITE BATTERIE COMPORTANT UNE PELLICULE SUR LA SURFACE DE MATERIAU ACTIF**
[72] TAKAHATA, KOJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2017-06-23
[86] 2015-12-23 (PCT/IB2015/002413)
[87] (WO2016/103023)
[30] JP (2014-266674) 2014-12-26

[11] **2,972,563**
[13] C
[51] **Int.Cl. C12H 1/22 (2006.01) B65B 3/04 (2006.01) B65B 35/00 (2006.01) B65D 8/00 (2006.01) B65D 25/34 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **PACKAGE FOR ALCOHOLIC BEVERAGES, PROCESS FOR MAKING SAID PACKAGE AND BARREL PACKING APPARATUS**
[54] **EMBALLAGE POUR BOISSONS ALCOOLISEES, PROCEDE DE FABRICATION DUDIT EMBALLAGE ET APPAREIL POUR L'EMBALLAGE DE FUTS**
[72] CAPITANI, STEFANO, IT
[72] RIZZI, JVANOHE, IT
[72] FOLCHINI, FERRANTE, IT
[72] GALEAZZI, ANACLETO, IT
[73] CRYOVAC, INC., US
[85] 2017-06-28
[86] 2015-12-28 (PCT/IB2015/060014)
[87] (WO2016/108176)
[30] IT (MI2014A002268) 2014-12-29
[30] IT (MI2014A002269) 2014-12-29

[11] **2,972,778**
[13] C
[51] **Int.Cl. C03B 25/00 (2006.01)**
[25] EN
[54] **METHODS FOR THERMALLY TREATING GLASS ARTICLES**
[54] **PROCEDES DE TRAITEMENT THERMIQUE D'ARTICLES EN VERRE**
[72] ELLISON, ADAM JAMES, US
[72] KICZENSKI, TIMOTHY JAMES, US
[72] MORRIS, STEPHANIE LYNN, US
[72] SCHAUT, ROBERT ANTHONY, US
[72] TIETJE, STEVEN ALVIN, US
[73] CORNING INCORPORATED, US
[85] 2017-06-29
[86] 2015-12-30 (PCT/US2015/068108)
[87] (WO2016/109697)
[30] US (62/098,711) 2014-12-31

[11] **2,972,857**
[13] C
[51] **Int.Cl. A47G 23/08 (2006.01) A47F 10/06 (2006.01) B65G 15/12 (2006.01) B65G 15/20 (2006.01)**
[25] EN
[54] **ORDERED FOOD AND DRINK CONVEYING APPARATUS AND FOOD AND DRINK CONVEYING APPARATUS**
[54] **DISPOSITIF DE TRANSPORT DE BOISSONS/D'ALIMENTS COMMANDES ET DISPOSITIF DE TRANSPORT DE BOISSONS/D'ALIMENTS**
[72] ISHINO, HARUKI, JP
[72] MOTOOKA, KUNIHIKO, JP
[72] KUBO, SHIGERU, JP
[73] ISHINO SEISAKUSHO CO., LTD., JP
[85] 2017-06-30
[86] 2015-10-16 (PCT/JP2015/079275)
[87] (WO2016/129147)
[30] JP (2015-026659) 2015-02-13
[30] JP (2015-026660) 2015-02-13
[30] JP (2015-165841) 2015-08-25

[11] **2,973,058**
[13] C
[51] **Int.Cl. C09K 8/62 (2006.01) E21B 43/247 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR FORMING A FRACTURING FLUID FROM A SOURCE OF METAL-LADEN WATER**
[54] **PROCEDES ET SYSTEMES DE FORMATION D'UN FLUIDE DE FRACTURATION A PARTIR D'UNE SOURCE D'EAU CHARGEE EN METAUX**
[72] LABLANC, BENJAMIN EDWARD, US
[72] REYES, ENRIQUE ANTONIO, US
[72] LABLANC, ALYSSA LYNN, US
[72] BEUTERBAUGH, AARON MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
[86] 2015-02-13 (PCT/US2015/015754)
[87] (WO2016/130137)

[11] **2,973,111**
[13] C
[51] **Int.Cl. B60K 31/00 (2006.01) B60W 10/04 (2006.01) B60W 30/08 (2012.01)**
[25] EN
[54] **TARGET VEHICLE SPEED GENERATION DEVICE AND DRIVE CONTROL DEVICE**
[54] **DISPOSITIF DE GENERATION DE VITESSE DE VEHICULE CIBLE ET DISPOSITIF DE COMMANDE D'ENTRAINEMENT**
[72] SUZUKI, YASUHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-05
[86] 2015-06-30 (PCT/IB2015/001076)
[87] (WO2016/110729)
[30] US (62/099,646) 2015-01-05

[11] **2,973,871**
[13] C
[51] **Int.Cl. C07D 261/04 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD OF ISOXAZOLINE-SUBSTITUTED BENZOIC ACID AMIDE COMPOUND**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE AMIDE DE L'ACIDE BENZOIQUE A SUBSTITUTION ISOXAZOLINE**
[72] KOUSAKA, HIROYUKI, JP
[72] FUKUYA, SHUNSUKE, JP
[72] MORIYAMA, YUJI, JP
[72] YAOSAKA, MANABU, JP
[72] MIZUKOSHI, TAKASHI, JP
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[86] (2973871)
[87] (2973871)
[22] 2009-07-09
[62] 2,730,405
[30] JP (2008-178621) 2008-07-09
[30] JP (2009-149401) 2009-06-24

[11] **2,973,893**
[13] C
[51] **Int.Cl. C12C 1/033 (2006.01) A01G 22/00 (2018.01) A01C 1/02 (2006.01) A01G 7/00 (2006.01) C12C 1/125 (2006.01) A23L 7/20 (2016.01)**
[25] EN
[54] **CONTROLLED GERMINATION APPARATUS**
[54] **APPAREIL DE GERMINATION GERE PAR ORDINATEUR**
[72] REDDING, WILLIAM D., US
[72] CARPENTER, WAYNE E., US
[73] SALISH COAST ENTERPRISES, INC., US
[85] 2017-07-13
[86] 2016-02-23 (PCT/US2016/019196)
[87] (WO2016/138040)
[30] US (62/119,889) 2015-02-24

[11] **2,973,905**
[13] C
[51] **Int.Cl. C09K 8/68 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL HYBRID FRACTURING FLUID SYSTEM**
[54] **SYSTEME DE FLUIDE DE FRACTURATION COMPOSITE MULTIFONCTIONNEL**
[72] GUO, YONGJUN, CN
[72] LUO, PINGYA, CN
[72] WANG, XIANG, CN
[72] LIU, KUAN, CN
[73] SICHUAN GUANGYA POLYMER CHEMICAL CO., LTD., CN
[85] 2017-07-14
[86] 2016-07-25 (PCT/CN2016/091590)
[87] (WO2017/084379)
[30] CN (201510801786.1) 2015-11-19

[11] **2,974,126**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **BALANCED PISTON TOE SLEEVE**
[54] **PISTON EQUILIBRE MANCHON DE POINTE**
[72] GUZMAN, JESSICA, US
[72] FRISBY, RAY, US
[72] KELLEY, CALEB, US
[73] TAM INTERNATIONAL, INC., US
[85] 2017-07-17
[86] 2016-01-20 (PCT/US2016/014090)
[87] (WO2016/118601)
[30] US (62/105,607) 2015-01-20

[11] **2,974,501**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/70 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR NFV MANAGEMENT AND ORCHESTRATION**
[54] **PROCEDE ET APPAREIL POUR UNE GESTION ET UNE ORCHESTRATION DE VIRTUALISATION DE FONCTION DE RESEAU (NFV)**
[72] VRZIC, SOPHIE, CA
[72] RAO, JAYA, CA
[72] ZHANG, HANG, CA
[72] LI, XU, CA
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-20
[86] 2016-01-20 (PCT/US2016/014146)
[87] (WO2016/118636)
[30] US (62/105,486) 2015-01-20
[30] US (62/119,620) 2015-02-23
[30] US (15/001,745) 2016-01-20

[11] **2,975,374**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/63 (2006.01) C12N 15/70 (2006.01) C12N 15/77 (2006.01) C12P 1/04 (2006.01) C12P 13/04 (2006.01)**
[25] EN
[54] **PROMOTER AND USES THEREOF**
[54] **PROMOTEUR ET LEURS UTILISATIONS**
[72] LEE, SEUNG BIN, KR
[72] BAE, HYUN AE, KR
[72] LEE, JI HYE, KR
[72] YANG, YOUNG LYEOL, KR
[73] CJ CHEILJEDANG CORP., KR
[85] 2017-07-28
[86] 2016-01-15 (PCT/KR2016/000444)
[87] (WO2016/122146)
[30] KR (10-2015-0014587) 2015-01-29

[11] **2,975,437**
[13] C
[51] **Int.Cl. E21B 43/30 (2006.01) E21B 43/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **SELECTING POTENTIAL WELL LOCATIONS IN A RESERVOIR GRID MODEL**
[54] **SELECTION D'EMPLACEMENTS DE PUITS POTENTIELS DANS UN MODELE MATRICIEL DE RESERVOIR**
[72] WANG, FENG, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-07-31
[86] 2015-03-02 (PCT/US2015/018319)
[87] (WO2016/140645)

[11] **2,975,572**
[13] C
[51] **Int.Cl. B29C 70/48 (2006.01) B64F 5/10 (2017.01) B32B 7/08 (2019.01) B64C 1/00 (2006.01) B64C 3/20 (2006.01) B64C 3/24 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING FIBRE REINFORCED COMPOSITE STRUCTURES**
[54] **APPAREIL ET PROCEDE POUR FORMER DES STRUCTURES COMPOSITES RENFORCEES PAR DES FIBRES**
[72] MILLAR, WILLIAM JAMES TREVOR, GB
[72] WILSON, ROBERT SAMUEL, GB
[72] MCCONNELL, JONATHAN JAMES, GB
[73] SHORT BROTHERS PLC, GB
[86] (2975572)
[87] (2975572)
[22] 2007-07-19
[62] 2,925,880

[11] **2,975,621**
[13] C
[51] **Int.Cl. H04B 1/401 (2015.01) H04B 1/3827 (2015.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EXTENDING FEATURE SELECTION IN A COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR ETENDRE LA SELECTION DE FONCTIONNALITE DANS UN SYSTEME DE COMMUNICATION**
[72] LEY, DAVID J., US
[72] ANTILLA, MARK A., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2017-08-01
[86] 2016-02-11 (PCT/US2016/017435)
[87] (WO2016/130735)
[30] US (14/622,077) 2015-02-13

---

[11] **2,976,097**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/127 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **RETRIEVABLE PRE-TENSION PACKING ASSEMBLY**
[54] **ENSEMBLE BOUCHON DE PRE-TENSION RECUPERABLE**
[72] MURPHY, THOMAS, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-08
[86] 2015-03-09 (PCT/US2015/019375)
[87] (WO2016/144311)

---

[11] **2,977,024**
[13] C
[51] **Int.Cl. H02M 1/32 (2007.01) H02H 7/12 (2006.01)**
[25] EN
[54] **ELECTROSTATIC DISCHARGE PROTECTION AND METHOD IN POWER SUPPLY**
[54] **PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES ET PROCEDE DANS UNE ALIMENTATION ELECTRIQUE**
[72] AHMAD, TAHIR, US
[73] LA-Z-BOY INCORPORATED, US
[85] 2017-08-17
[86] 2015-02-26 (PCT/US2015/017761)
[87] (WO2016/137469)
[30] US (14/631,311) 2015-02-25

---

[11] **2,977,034**
[13] C
[51] **Int.Cl. H01P 5/08 (2006.01) H01P 3/10 (2006.01) H04B 3/36 (2006.01)**
[25] EN
[54] **GUIDED-WAVE TRANSMISSION DEVICE WITH NON-FUNDAMENTAL MODE PROPAGATION AND METHODS FOR USE THEREWITH**
[54] **DISPOSITIF DE TRANSMISSION A GUIDE D'ONDES A PROPAGATION EN MODE NON FONDAMENTAL ET PROCEDES D'UTILISATION ASSOCIES**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS III, THOMAS M., US
[73] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2017-08-17
[86] 2016-01-29 (PCT/US2016/015501)
[87] (WO2016/133672)
[30] US (14/627,322) 2015-02-20

---

[11] **2,977,140**
[13] C
[51] **Int.Cl. B65H 75/18 (2006.01) B65H 19/28 (2006.01) B65H 75/28 (2006.01)**
[25] EN
[54] **CORE WITH CUSHION STRIP**
[54] **CENTRE DOTE D'UNE BANDE COUSSINEE**
[72] COUCHEY, BRIAN P., US
[72] WRENN, JOHN, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2977140)
[87] (2977140)
[22] 2017-08-23
[30] US (15/273,885) 2016-10-12

---

[11] **2,977,927**
[13] C
[51] **Int.Cl. A23B 4/033 (2006.01) A23B 4/03 (2006.01)**
[25] EN
[54] **INSTANT PROCESSED MEAT PRODUCT AND METHOD FOR PRODUCING SAME**
[54] **PRODUIT DE VIANDE TRANSFORMEE INSTANTANE ET PROCEDE POUR LE PRODUIRE**
[72] NAGAYAMA, YOSHIAKI, JP
[72] ONOZAWA, TORU, JP
[73] SANYO FOODS CO., LTD., JP
[85] 2017-08-25
[86] 2016-03-18 (PCT/JP2016/058840)
[87] (WO2016/158527)
[30] JP (2015-070361) 2015-03-30

---

[11] **2,978,255**
[13] C
[51] **Int.Cl. E21B 43/1185 (2006.01)**
[25] EN
[54] **PRESSURE SWITCH FOR SELECTIVE FIRING OF PERFORATING GUNS**
[54] **COMMUTATEUR DE PRESSION POUR LE DECLENCHEMENT SELECTIF DE CANONS DE PERFORATION**
[72] LAGRANGE, TIMOTHY E., US
[72] DAY, CORY D., US
[72] PATTON, GEORGE, US
[72] PRATT, DAN W., US
[73] OWEN OIL TOOLS LP, US
[85] 2017-08-29
[86] 2016-01-28 (PCT/US2016/015320)
[87] (WO2016/123312)
[30] US (62/108,768) 2015-01-28
[30] US (15/008,061) 2016-01-27

---

[11] **2,978,353**
[13] C
[51] **Int.Cl. E05B 5/02 (2006.01) E05B 1/00 (2006.01) E05B 13/00 (2006.01) E05C 1/06 (2006.01)**
[25] EN
[54] **HANDLE MECHANISMS**
[54] **MECANISMES DE POIGNEE**
[72] DO, THAI, US
[73] ARCONIC INC., US
[85] 2017-08-30
[86] 2016-07-07 (PCT/US2016/041315)
[87] (WO2017/007923)
[30] US (62/189,994) 2015-07-08
[30] US (62/198,335) 2015-07-29
[30] US (62/246,347) 2015-10-26

[11] **2,980,332**
[13] C
[51] **Int.Cl. A61B 1/313 (2006.01) A61B 1/04 (2006.01) A61B 1/05 (2006.01)**
[25] EN
[54] **LAPAROSCOPE SYSTEM**
[54] **SYSTEME LAPAROSCOPIQUE**
[72] FARIN, DANNY, IL
[72] BACHAR, YEHUDA, IL
[73] EON SURGICAL LTD., IL
[86] (2980332)
[87] (2980332)
[22] 2012-03-21
[62] 2,830,957
[30] US (61/466,960) 2011-03-24

---

[11] **2,980,797**
[13] C
[51] **Int.Cl. B60J 3/00 (2006.01)**
[25] EN
[54] **VEHICLE SUNSHADE APPARATUS**
[54] **DISPOSITIF DE PARE-SOLEIL DE VEHICULE**
[72] GONG, JING-SHYONG, CN
[73] SHYU FUU INDUSTRIAL CO., LTD., CN
[85] 2017-09-25
[86] 2015-05-29 (PCT/CN2015/080390)
[87] (WO2016/191976)

---

[11] **2,981,149**
[13] C
[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 DEGREES TO 43 DEGREES**
[54] **ENSEMBLE DE MEULE D'EXTREMITE EN CERAMIQUE AYANT UN ANGLE D'HELICE DANS L'INTERVALLE DE 28 DEGRES A 43 DEGRES**
[72] SERT ALAGAC, MELIKE, TR
[72] YILMAZ, UGUR EVRENSEL, TR
[73] 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

---

[11] **2,981,151**
[13] C
[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
[73] 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

---

[11] **2,981,576**
[13] C
[51] **Int.Cl. A61C 19/02 (2006.01) A45D 44/18 (2006.01) A61C 17/22 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **ELECTRIC ORAL HYGIENE DEVICE STORAGE CONTAINER**
[54] **RECIPIENT DE STOCKAGE DE DISPOSITIF D'HYGIENE BUCCALE ELECTRIQUE**
[72] KRESSMANN, FRANK, DE
[72] MUELLER, FRANK, DE
[72] RENZ, ANKE, DE
[72] HUEBNER, ANSGAR, DE
[72] REICK, HANSJOERG, DE
[72] DIETZEL, DANIEL, DE
[72] SCHUBERT, FRITZ, DE
[72] SABISCH, MARKUS, DE
[72] KIIVER, EGLE, DE
[73] BRAUN GMBH, DE
[85] 2017-10-02
[86] 2016-04-15 (PCT/IB2016/052181)
[87] (WO2016/174540)
[30] EP (15165390.4) 2015-04-28
[30] EP (16159500.4) 2016-03-09

---

[11] **2,981,633**
[13] C
[51] **Int.Cl. G01N 24/08 (2006.01)**
[25] EN
[54] **PREDICTING SOLIDS CONTENT, BOILING POINT INFORMATION, AND MICRO CARBON RESIDUE CONTENT OF EXTRA HEAVY OIL SAMPLES USING LOW-FIELD TIME-DOMAIN NMR**
[54] **PREDICTION DE TENEUR EN MATIERES SOLIDES, D'INFORMATION RELATIVE AU POINT D'EBULLITION ET DE TENEUR EN RESIDUS DE MICRO-CARBONE D'ECHANTILLONS DE PETROLE EXTRA LOURD AU MOYEN DE LA RESONANCE MAGNETIQUE NUCLEAIRE EN DOMAINE TEMPOREL A FAIBLE CHAMP**
[72] PAPROSKI, RICHARD, CA
[72] FLIM, NATHANIEL DIRK, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2981633)
[87] (2981633)
[22] 2017-10-04

---

[11] **2,981,784**
[13] C
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **CARTRIDGE, PRINTING MATERIAL SUPPLY SYSTEM, PRINTING APPARATUS, LIQUID ACCOMMODATION CONTAINER, A PRINTING SYSTEM, AND A TERMINAL CONNECTION STRUCTURE**
[54] **CARTOUCHE, SYSTEME D'ALIMENTATION EN MATERIAU D'IMPRESSION, APPAREIL D'IMPRESSION, CONTENANT POUVANT RECEVOIR UN LIQUIDE, SYSTEME D'IMPRESSION ET STRUCTURE DE RACCORDEMENT DE BORNES**
[72] AOKI, YUJI, JP
[72] SATOH, HIROSHI, JP
[73] SEIKO EPSON CORPORATION, JP
[86] (2981784)
[87] (2981784)
[22] 2013-01-10
[62] 2,912,560
[30] JP (2012-005347) 2012-01-13
[30] JP (2012-013238) 2012-01-25
[30] JP (2012-022819) 2012-02-06

[11] **2,981,865**
[13] C
[51] **Int.Cl. H01P 5/12 (2006.01) H01P 1/20 (2006.01) H01P 7/06 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **MAGNETIC COUPLING DEVICE AND METHODS FOR USE THEREWITH**
[54] **DISPOSITIF DE COUPLAGE MAGNETIQUE, ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] BENNETT, ROBERT, US
[72] HENRY, PAUL SHALA, US
[72] GERSZBERG, IRWIN, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M. III, US
[73] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2017-10-04
[86] 2016-04-11 (PCT/US2016/026860)
[87] (WO2016/176030)
[30] US (14/697,723) 2015-04-28

---

[11] **2,981,942**
[13] C
[51] **Int.Cl. E01C 13/06 (2006.01) C08L 75/04 (2006.01) E01C 19/17 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR PRODUCING A POLYURETHANE SPORTS FLOORING**
[54] **PROCEDE, APPAREIL ET SYSTEME DE PRODUCTION D'UN REVETEMENT DE SOL SPORTIF EN POLYURETHANE**
[72] SICK, STEPHAN, DE
[72] FINDER, ZDENKA, DE
[72] LOHR, IVO, DE
[73] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[85] 2017-10-05
[86] 2017-03-02 (PCT/EP2017/054946)
[87] (WO2017/153258)
[30] EP (16159887.5) 2016-03-11

---

[11] **2,982,977**
[13] C
[51] **Int.Cl. B65H 20/32 (2006.01) B65C 9/42 (2006.01) B65H 43/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE SPEED OF A CONTINUOUS SHEET OF MATERIAL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE LA VITESSE D'UNE FEUILLE DE CONTINUE DE MATERIAU**
[72] GORSUCH, JASON E., US
[72] ANDERSON, KENNETH D., US
[72] CRISMAN, ALEX V., US
[72] STOKES, THOMAS J., US
[73] BALL CORPORATION, US
[85] 2017-10-16
[86] 2016-04-15 (PCT/US2016/027805)
[87] (WO2016/168636)
[30] US (62/149,079) 2015-04-17

---

[11] **2,983,246**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTHENTICATION OF COLLABORATIVE MOBILE DEVICES**
[54] **PROCEDE ET APPAREIL D'AUTHENTIFICATION DE DISPOSITIFS MOBILES COLLABORATIFS**
[72] BLANCO, ALEJANDRO G., US
[72] BOERGER, MARK A., US
[72] HANNA, GEORGE S., US
[72] PRESTON, JOHN B., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2017-10-18
[86] 2016-04-13 (PCT/US2016/027268)
[87] (WO2016/171973)
[30] US (14/692,309) 2015-04-21

---

[11] **2,983,452**
[13] C
[51] **Int.Cl. B65B 9/04 (2006.01) B65B 47/08 (2006.01)**
[25] EN
[54] **PROCESS OF MAKING A WATER SOLUBLE POUCH**
[54] **PROCEDE DE FABRICATION D'UNE POCHE SOLUBLE DANS L'EAU**
[72] BRANDT SANZ, MIGUEL, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-19
[86] 2016-05-18 (PCT/US2016/032956)
[87] (WO2016/191158)
[30] US (14/719,853) 2015-05-22

---

[11] **2,983,572**
[13] C
[51] **Int.Cl. B21B 13/12 (2006.01) B21B 13/00 (2006.01) B21B 27/02 (2006.01) B21B 29/00 (2006.01) B21B 31/18 (2006.01)**
[25] EN
[54] **MILLING APPARATUS**
[54] **DISPOSITIF DE LAMINAGE**
[72] TACHIBANA, TAKAHIRO, JP
[72] MAEDA, SHIGERU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-10-20
[86] 2016-04-25 (PCT/JP2016/062926)
[87] (WO2016/175174)
[30] JP (2015-090310) 2015-04-27

---

[11] **2,984,351**
[13] C
[51] **Int.Cl. F04B 43/02 (2006.01) F04B 43/04 (2006.01) H01F 7/02 (2006.01) H01F 7/06 (2006.01)**
[25] EN
[54] **DOUBLE-MEMBRANE PUMP AND METHOD FOR OPERATION OF SUCH A DOUBLE-MEMBRANE PUMP**
[54] **POMPE A DOUBLE MEMBRANE ET METHODE DE FONCTIONNEMENT D'UNE TELLE POMPE A DOUBLE MEMBRANE**
[72] LUTZ, HEINZ E., DE
[73] LUTZ HOLDING GMBH, DE
[86] (2984351)
[87] (2984351)
[22] 2017-10-31
[30] DE (102016121333.0) 2016-11-08

[11] **2,984,698**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **IMPLANT**
[54] **IMPLANT**
[72] NASR, MALEK, FR
[72] BORTLEIN, GEORG, FR
[72] OLLIVIER, JEAN-FRANCOIS, FR
[72] D'HIVER, PHILIPPE, FR
[73] HIGHLIFE SAS, FR
[85] 2017-11-01
[86] 2016-05-03 (PCT/EP2016/059895)
[87] (WO2016/180677)
[30] DE (10 2015 107 242.4) 2015-05-08

---

[11] **2,984,739**
[13] C
[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 8/0202 (2016.01)**
[25] EN
[54] **FUEL CELL WITH WATER INFILTRATION LIMITER**
[54] **PILE A COMBUSTIBLE COMPORTANT UN LIMITEUR D'INFILTRATION D'EAU**
[72] KONDO, TAKASHI, JP
[72] HASHIMOTO, KEIJI, JP
[72] KANNO, DAISUKE, JP
[73] TOYOTA SHATAI KABUSHIKI KAISHA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2984739)
[87] (2984739)
[22] 2017-11-03
[30] JP (2016-227051) 2016-11-22

---

[11] **2,984,745**
[13] C
[51] **Int.Cl. F16K 5/20 (2006.01) F16K 41/00 (2006.01)**
[25] EN
[54] **A MECHANICAL ENERGIZED SEALING BALL VALVE**
[54] **CLAPET SPHERIQUE D'ETANCHEISATION ACTIONNE PAR ENERGIE MECANIQUE**
[72] LIU, XIAOQI, GB
[73] ZIBO VOTAISI PETROCHEMICAL EQUIPMENT CO., LTD, CN
[85] 2017-11-03
[86] 2017-04-12 (PCT/CN2017/080179)
[87] (WO2017/202151)
[30] CN (2016204911272) 2016-05-26

---

[11] **2,985,111**
[13] C
[51] **Int.Cl. H01R 13/28 (2006.01) H01R 13/33 (2006.01)**
[25] EN
[54] **SEPARABLE CLASP CONNECTORS AND DIE SETS AND METHODS FOR LOCKING AND UNLOCKING SUCH CONNECTORS**
[54] **CONNECTEURS A FERMOIR SEPARABLE ET JEUX DE COINS ET PROCEDES DE VERROUILLAGE ET DE DEVERROUILLAGE DE TELS CONNECTEURS**
[72] CASTONGUAY, KEVIN NORMAND, US
[73] HUBBELL INCORPORATED, US
[85] 2017-11-03
[86] 2016-05-05 (PCT/US2016/031072)
[87] (WO2016/179443)
[30] US (62/156,946) 2015-05-05

---

[11] **2,985,647**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) G01S 19/01 (2010.01)**
[25] EN
[54] **METHODS TO MITIGATE COMMUNICATION DELAYS BETWEEN SYSTEMS IN CONNECTION WITH A TRANSPORT SERVICE**
[54] **PROCEDES POUR ATTENUER LES RETARDS DE COMMUNICATION ENTRE SYSTEMES EN RELATION AVEC UN SERVICE DE TRANSPORT**
[72] GARG, SUNIL KUMAR, US
[72] VARDHAN, ABHAY, US
[73] UBER TECHNOLOGIES, INC., US
[85] 2017-11-09
[86] 2016-05-13 (PCT/US2016/032558)
[87] (WO2016/187069)
[30] US (14/714,077) 2015-05-15

---

[11] **2,986,395**
[13] C
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 11/02 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR SOLVENT EXTRACTION OF OIL SAND BITUMEN**
[54] **PROCEDE ET APPAREIL D'EXTRACTION DE SOLVANT DE SABLES BITUMINEUX**
[72] WU, XIN ALEX, CA
[72] BHATTACHARYA, SUJIT, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[86] (2986395)
[87] (2986395)
[22] 2017-11-21

---

[11] **2,986,399**
[13] C
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **AN IMPROVEMENT TO WATER-BASED BITUMEN EXTRACTION PROCESSES BASED ON PRIMARY SEPARATION VESSEL FINES LOADING**
[54] **UNE AMELIORATION AUX PROCEDES D'EXTRACTION DU BITUME A BASE D'EAU FONDEESUR LE CHARGEMENT DE RESIDUS DE RECIPIENT DE SEPARATION PRIMAIRE**
[72] HOSKINS, SHANE, CA
[72] LONG, JUN, CA
[72] REID, KEVIN, CA
[72] FORWARD, STEPHEN, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[86] (2986399)
[87] (2986399)
[22] 2017-11-22

[11] **2,986,585**
[13] C
[51] **Int.Cl. B60P 1/04 (2006.01) B60P 1/28 (2006.01) B60P 1/64 (2006.01) B62D 63/06 (2006.01) B65G 67/02 (2006.01)**
[25] EN
[54] **VEHICLE TRAILER SYSTEM**
[54] **SYSTEME DE REMORQUE DE VEHICULE**
[72] DAGENAIS, RODERICK R., US
[72] STAHL, RICHARD ALAN, US
[72] CROSBY, MARSHALL ROY, US
[73] ENGELBRECHT, FREDERICK W. ANTON, US
[73] STAHL, RICHARD ALAN, US
[73] CROSBY, MARSHALL ROY, US
[85] 2017-11-20
[86] 2016-05-23 (PCT/US2016/033716)
[87] (WO2016/191341)
[30] US (62/165,926) 2015-05-23

---

[11] **2,987,026**
[13] C
[51] **Int.Cl. E04C 5/12 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **WEDGE FOR POST TENSIONING TENDON**
[54] **CALE POUR TIRANT DE PRECONTRAINTE PAR POST-TENSION**
[72] SORKIN, FELIX, US
[73] SORKIN, FELIX, US
[85] 2017-11-23
[86] 2015-08-28 (PCT/US2015/047389)
[87] (WO2017/014796)
[30] US (62/193,883) 2015-07-17
[30] US (62/193,866) 2015-07-17
[30] US (62/193,898) 2015-07-17

---

[11] **2,987,752**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 7/10 (2006.01) H01Q 1/22 (2006.01)**
[25] EN
[54] **SYSTEMS FOR ORDERING PRODUCTS**
[54] **SYSTEMES PERMETTANT DE COMMANDER DES PRODUITS**
[72] ENDRIES, STEVEN, US
[72] FISCHER, EDWARD, US
[72] WEYENBERG, PATRICK, US
[73] ENDRIES INTERNATIONAL INC., US
[85] 2017-11-29
[86] 2016-05-26 (PCT/US2016/034253)
[87] (WO2016/196164)
[30] US (62/168,386) 2015-05-29
[30] US (14/934,614) 2015-11-06

---

[11] **2,987,833**
[13] C
[51] **Int.Cl. F16J 15/34 (2006.01) F16J 15/36 (2006.01)**
[25] EN
[54] **MECHANICAL SEAL ARRANGEMENT WITH A RELEASE PROTECTION DEVICE**
[54] **ARRANGEMENT DE JOINT METALLIQUE DOTE D'UN DISPOSITIF DE PROTECTION DE DEGAGEMENT**
[72] PEHL, ANDREAS, DE
[72] SKRZIDLO, JOACHIM, DE
[72] SCHULTEN, BERTHOLD, DE
[73] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE
[85] 2017-11-30
[86] 2016-03-22 (PCT/EP2016/056222)
[87] (WO2016/202475)
[30] DE (102015211223.3) 2015-06-18

---

[11] **2,991,178**
[13] C
[51] **Int.Cl. C10G 33/04 (2006.01) B01D 17/04 (2006.01) C07C 47/127 (2006.01) C10G 31/08 (2006.01)**
[25] EN
[54] **ADDITIVE COMPOSITION FOR DEMULSIFICATION OF WATER-IN-OIL EMULSION, AND METHOD OF USE THEREOF, AND METHOD OF DEMULSIFICATION.**
[54] **COMPOSITION D'ADDITIF POUR LA DESEMULSIFICATION D'UNE EMULSION D'EAU DANS L'HUILE, PROCEDE D'UTILISATION DE CETTE COMPOSITION, ET PROCEDE DE DESEMULSIFICATION.**
[72] SUBRAMANIYAM, MAHESH, IN
[73] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
[85] 2017-12-29
[86] 2016-06-13 (PCT/IB2016/053481)
[87] (WO2017/001957)
[30] IN (2515/MUM/2015) 2015-07-01

---

[11] **2,992,783**
[13] C
[51] **Int.Cl. E05B 5/00 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **RECESSED HANDLE FOR SLIDING WINDOW AND DOOR**
[54] **POIGNEE ENCASTREE POUR FENETRE OU PORTE COULISSANTE**
[72] FONTIJN, MARCEL, US
[73] GOLDBRECHT INC., US
[86] (2992783)
[87] (2992783)
[22] 2014-11-10
[62] 2,896,945

---

[11] **2,993,426**
[13] C
[51] **Int.Cl. A61B 17/42 (2006.01) A61B 10/02 (2006.01)**
[25] EN
[54] **OOCYTE COLLECTION NEEDLE**
[54] **AIGUILLE DE PRELEVEMENT D'OVULE**
[72] INOUE, FUTOSHI, JP
[72] TERAMOTO, SHOKICHI, JP
[73] KITAZATO CORPORATION, JP
[73] NATURAL ART RESEARCH INSTITUTE, LTD., JP
[85] 2018-01-23
[86] 2016-07-21 (PCT/JP2016/071462)
[87] (WO2017/014289)
[30] JP (2015-146241) 2015-07-23

---

[11] **2,994,652**
[13] C
[51] **Int.Cl. G08G 1/16 (2006.01)**
[25] EN
[54] **STEP DETECTION DEVICE AND STEP DETECTION METHOD**
[54] **DISPOSITIF DE DETECTION DE MARCHE ET PROCEDE DE DETECTION DE MARCHE**
[72] SANO, YASUHITO, JP
[72] YANAGI, TAKURA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-02
[86] 2015-08-04 (PCT/JP2015/072085)
[87] (WO2017/022080)

[11] **2,995,532**
[13] C
[51] **Int.Cl. C08L 95/00 (2006.01) B61K 13/00 (2006.01) C08J 3/12 (2006.01) C10C 3/00 (2006.01) C10C 3/14 (2006.01) C10M 101/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR TRANSPORTING BITUMEN IN SOLIDIFIED FORM**
[54] **METHODE ET SYSTEMES DE TRANSPORT DE BITUME SOUS FORME SOLIDIFIEE**
[72] AULD, JAMES, CA
[72] BLEILE, JOHN, CA
[72] NIKOOYEH, KASRA, CA
[72] PREFONTAINE, AMANDA, CA
[72] STANGER, DEREK, CA
[72] WHITE, JESSE, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
[86] (2995532)
[87] (2995532)
[22] 2017-02-17
[62] 2,958,443
[30] US (62/304,589) 2016-03-07
[30] US (62/323,240) 2016-04-15
[30] US (62/411,888) 2016-10-24
[30] US (62/449,310) 2017-01-23
[30] US (62/409,200) 2016-10-17

[11] **2,996,151**
[13] C
[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/582 (2006.01) E21B 43/22 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SUPPLEMENTING THE IMMISCIBLE WATER INJECTION CYCLE WITH NUTRIENTS TO IMPROVE OIL RELEASE IN OIL-CONTAINING ROCK FORMATIONS**
[54] **SUPPLEMENTATION DU CYCLE D'INJECTION D'EAU IMMISCIBLE PAR DES NUTRIMENTS POUR AMELIORER LA LIBERATION DE PETROLE DANS DES FORMATIONS ROCHEUSES CONTENANT DU PETROLE**
[72] MARCOTTE, BRIAN W. G., US
[72] SHEEHY, ALAN JAMES (DECEASED), US
[72] HILL, COLIN KENNETH, US
[72] CARROLL, MICHAEL THOMAS, US
[73] TITAN OIL RECOVERY, INC., US
[85] 2018-02-20
[86] 2016-08-19 (PCT/US2016/047712)
[87] (WO2017/031402)
[30] US (62/207,470) 2015-08-20
[30] US (15/240,757) 2016-08-18

[11] **2,996,396**
[13] C
[51] **Int.Cl. F26B 3/092 (2006.01) B01J 8/24 (2006.01) B03B 1/00 (2006.01) B03B 5/64 (2006.01) B03B 13/00 (2006.01) B07B 11/04 (2006.01) C10L 9/00 (2006.01) C10L 9/08 (2006.01) F26B 3/084 (2006.01) F26B 21/00 (2006.01)**
[25] EN
[54] **COUPLED SYSTEM AND METHOD FOR THE SEPARATION AND DRYING OF MOIST FINE PARTICLE COAL**
[54] **SYSTEME COUPLE ET METHODE DE SEPARATION ET SECHAGE DE CHARBON EN PARTICULES FINES HUMIDES**
[72] DONG, LIANG, CN
[72] ZHAO, YUEMIN, CN
[72] DUAN, CHENLONG, CN
[72] LU, JUNYU, CN
[72] ZHANG, BO, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-07-18
[86] 2017-04-12 (PCT/CN2017/080269)
[87] (WO2018/133220)
[30] CN (201710043965.2) 2017-01-21

[11] **2,997,765**
[13] C
[51] **Int.Cl. H01R 4/66 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **FIBER OPTIC CABLE EXTERNAL SHIELD CONNECTOR**
[54] **CONNECTEUR DE GAINE EXTERNE DE CABLE DE FIBRES OPTIQUES**
[72] SKOLOZDRA, STEPHEN A., US
[72] CARROZZO, JOHN K., US
[73] ELECTRIC MOTION COMPANY, INC., US
[86] (2997765)
[87] (2997765)
[22] 2018-03-08
[30] US (62/469,152) 2017-03-09

[11] **2,998,609**
[13] C
[51] **Int.Cl. C10G 9/40 (2006.01)**
[25] EN
[54] **A METHOD FOR ADJUSTING THE OPERATING POINT OF A PRESSURE WAVE GENERATOR**
[54] **UNE METHODE DE REGLAGE DU POINT FONCTIONNEL D'UN GENERATEUR D'ONDE DE PRESSION**
[72] DELGADO CASTILLO, JOSE MIGUEL, AT
[72] VENECIANO RIVERA, ANIBAL LUIS, AT
[72] NUERK, RUEDIGER UWE, AT
[72] CHERNIKOV, FEDOR, RU
[73] PRISTEC AG, AT
[86] (2998609)
[87] (2998609)
[22] 2011-04-14
[62] 2,796,001
[30] AT (A 597/2010) 2010-04-14
[30] AT (A 596/2010) 2010-04-14

---

[11] **2,998,926**
[13] C
[51] **Int.Cl. B65D 63/10 (2006.01) F16G 11/14 (2006.01)**
[25] EN
[54] **TIE WRAP CONNECTOR AND STRAP KIT**
[54] **NECESSAIRE DE SANGLE ET RACCORD A ATTACHE AUTOBLOQUANTE**
[72] RIVARD, LOUIS-PHILIPPE, CA
[73] 9191-1230 QUEBEC INC., CA
[85] 2018-03-16
[86] 2016-11-16 (PCT/CA2016/051331)
[87] (WO2017/083965)
[30] US (62/256,430) 2015-11-17

---

[11] **2,999,939**
[13] C
[51] **Int.Cl. H02S 50/10 (2014.01) G09G 3/00 (2006.01) H05B 33/10 (2006.01)**
[25] EN
[54] **SYSTEM FOR TESTING PHOTOSENSITIVE DEVICE DEGRADATION**
[54] **SYSTEME DE TEST DE LA DEGRADATION DE DISPOSITIF PHOTOSENSIBLE**
[72] IRWIN, MICHAEL D., US
[72] LOVELACE, JEROME, US
[72] MIELCZAREK, KAMIL, US
[73] HEE SOLAR, L.L.C., US
[85] 2018-03-23
[86] 2016-09-26 (PCT/US2016/053806)
[87] (WO2017/053984)
[30] US (62/232,088) 2015-09-24

---

[11] **3,000,382**
[13] C
[51] **Int.Cl. H04N 19/423 (2014.01) H04N 19/156 (2014.01) H04N 19/159 (2014.01) H04N 19/172 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION ENCODING PROGRAM, VIDEO PREDICTION DECODING DEVICE, VIDEO PREDICTION DECODING METHOD, AND VIDEO PREDICTION DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE DE PREDICTION VIDEO, METHODE DE CODAGE DE PREDICTION VIDEO, PROGRAMME DE CODAGE DE PREDICTION VIDEO, DISPOSITIF DE DECODAGE DE PREDICTION VIDEO, METHODE DE DECODAGE DE PREDICTION VIDEO ET PROGRAMME DE DECODAGE DE PREDICTION VIDEO**
[72] FUJIBAYASHI, AKIRA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[86] (3000382)
[87] (3000382)
[22] 2013-04-24
[62] 2,878,178
[30] JP (2012-148310) 2012-07-02

---

[11] **3,000,497**
[13] C
[51] **Int.Cl. A61K 36/28 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 31/4425 (2006.01) A61K 36/185 (2006.01) A61K 36/23 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **TOPICAL ANTI-INFLAMMATORY COMBINATION HAVING ACTIVES OF SAMBUCUS NIGRA, CENTELLA ASIATICA OR ECHINACEA PURPUREA**
[54] **COMBINAISON TOPIQUE ANTI-INFLAMMATOIRE RENFERMENT DES ELEMENTS ACTIFS DE SAMBUCUS NIGRA, CENTELLA ASIATICA OU ECHINACEA PURPUREA**
[72] LEVINE, WILLIAM ZEV, IL
[72] SAFFER, ARON JAY, IL
[72] NUSSBAUM, GABRIEL, IL
[73] IZUN PHARMACEUTICALS, INC., US
[86] (3000497)
[87] (3000497)
[22] 2009-07-15
[62] 2,731,445
[30] US (61/082,613) 2008-07-22

---

[11] **3,000,571**
[13] C
[51] **Int.Cl. A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **MULTIFOCAL LENS**
[54] **LENTILLE MULTIFOCALE**
[72] LUX, KIRSTEN, AT
[72] PLANK, NICOLE, AT
[72] BREZNA, WOLFGANG, AT
[72] DRAGOSTINOFF, NIKOLAUS, AT
[73] RAYNER INTRAOCULAR LENSES LIMITED, GB
[85] 2018-03-29
[86] 2016-09-29 (PCT/EP2016/073361)
[87] (WO2017/055510)
[30] EP (15188045.7) 2015-10-02

[11] **3,000,726**
[13] C
[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/159 (2014.01) H04N 19/17 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE, PROCEDE DE CODAGE PREDICTIF D'IMAGE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[73] NTT DOCOMO, INC., JP
[86] (3000726)
[87] (3000726)
[22] 2010-03-16
[62] 2,921,802
[30] JP (2009-069975) 2009-03-23

[11] **3,000,728**
[13] C
[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/159 (2014.01) H04N 19/17 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE, PROCEDE DE CODAGE PREDICTIF D'IMAGE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[73] NTT DOCOMO, INC., JP
[86] (3000728)
[87] (3000728)
[22] 2010-03-16
[62] 2,921,802
[30] JP (2009-069975) 2009-03-23

[11] **3,002,459**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING REAL-TIME TRACKING OF ITEMS IN A DISTRIBUTION NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSURER EN TEMPS REEL LE SUIVI D'ARTICLES DANS UN RESEAU DE DISTRIBUTION**
[72] DEARING, STEPHEN M., US
[72] GOYAL, KULDIP K., US
[72] SHERRY, CARLA F., US
[72] CRADIC, AMY B., US
[72] ATKINS, C. SCOT, US
[72] PATEL, HIMESH A., US
[73] UNITED STATES POSTAL SERVICE, US
[86] (3002459)
[87] (3002459)
[22] 2014-06-19
[62] 2,914,964
[30] US (61/837,047) 2013-06-19
[30] US (61/936,239) 2014-02-05

[11] **3,004,147**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **CRYSTAL FORM, PREPARATION METHOD AND INTERMEDIATE OF DIHYDROPYRIDO RING COMPOUND**
[54] **FORME CRISTALLINE, PROCEDE DE PREPARATION ET INTERMEDIAIRE D'UN COMPOSE A CYCLE DIHYDROPYRIDINE**
[72] HE, HAIYING, CN
[72] ZHOU, KAI, CN
[72] LI, XIAOLIN, CN
[72] WANG, XIAOFEI, CN
[72] QIN, DAKUN, CN
[72] WANG, XINGXING, CN
[72] YANG, FEIFEI, CN
[72] WANG, ZHENG, CN
[72] LI, ZONGBIN, CN
[73] QILU PHARMACEUTICAL CO., LTD., CN
[85] 2018-05-03
[86] 2016-11-02 (PCT/CN2016/104325)
[87] (WO2017/076286)
[30] CN (201510742546.9) 2015-11-04

[11] **3,007,799**
[13] C
[51] **Int.Cl. G09F 9/35 (2006.01) A47F 3/00 (2006.01) A47F 11/06 (2006.01)**
[25] EN
[54] **TRANSPARENT LCD ASSEMBLY WITH DISPLAY CASE**
[54] **ENSEMBLE D'AFFICHAGE A CRISTAUX LIQUIDES TRANSPARENT AVEC BOITIER DE DISPOSITIF D'AFFICHAGE**
[72] DUNN, WILLIAM, US
[72] DIAZ, MARCOS, US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[86] (3007799)
[87] (3007799)
[22] 2015-06-16
[62] 2,952,619
[30] US (62/012,785) 2014-06-16
[30] US (62/012,572) 2014-06-16
[30] US (62/012,559) 2014-06-16
[30] US (62/013,225) 2014-06-17
[30] US (62/013,917) 2014-06-18

---

[11] **3,009,449**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/0408 (2006.01) A61B 5/024 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **A HEALTH-MONITOR PATCH**
[54] **TIMBRE DE SURVEILLANCE DE SANTE**
[72] QUINLAN, THOMAS J., US
[72] GAUDET, PAUL J., US
[72] OHLENBUSCH, NORBERT, US
[72] ZHANG, JIANWEI, US
[72] OLIVER, STEVEN R., US
[72] BLACKADAR, THOMAS P., US
[72] MONAHAN, DAVID P., US
[72] PEABODY GOODALL, DAVID, III, US
[72] MACLEAN, JOHN EDGAR, US
[73] LUMIRADX UK LIMITED, GB
[85] 2018-06-21
[86] 2016-08-17 (PCT/EP2016/069546)
[87] (WO2017/108215)
[30] US (14/757,584) 2015-12-23

---

[11] **3,011,210**
[13] C
[51] **Int.Cl. B65D 5/52 (2006.01) B65D 5/20 (2006.01) B65D 5/32 (2006.01)**
[25] EN
[54] **PALLET-SIZED SHIPPING AND DISPLAY TRAY**
[54] **PLATEAU DE PRESENTATION ET D'EXPEDITION SUR PALETTE**
[72] ADAMS, WESLEY N., US
[73] INTERNATIONAL PAPER COMPANY, US
[86] (3011210)
[87] (3011210)
[22] 2016-03-02
[62] 2,922,368
[30] US (62/136,006) 2015-03-20

---

[11] **3,011,241**
[13] C
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/50 (2014.01)**
[25] EN
[54] **VIDEO PREDICTION ENCODING AND DECODING FOR PARTITIONED REGIONS WHILE DETERMINING WHETHER OR NOT TO USE MOTION INFORMATION FROM NEIGHBORING REGIONS**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME DE CODAGE DE PREDICTION D'IMAGE, DISPOSITIF PROCEDE ET PROGRAMME DE DECODAGE DE PREDICTION D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] TAKIUE, JUNYA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[86] (3011241)
[87] (3011241)
[22] 2011-07-14
[62] 2,903,530
[30] JP (2010-163245) 2010-07-20
[30] JP (2010-174869) 2010-08-03

---

[11] **3,017,827**
[13] C
[51] **Int.Cl. H04N 5/247 (2006.01) H04N 5/222 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **EFFICIENT CANVAS VIEW GENERATION FROM INTERMEDIATE VIEWS**
[54] **GENERATION DE VUE TRAMEE EFFICACE A PARTIR DE VUES INTERMEDIAIRES**
[72] CABRAL, BRIAN KEITH, US
[72] BRIGGS, FORREST SAMUEL, US
[72] POZO, ALBERT PARRA, US
[72] VAJDA, PETER, US
[73] FACEBOOK, INC., US
[85] 2018-09-13
[86] 2017-03-27 (PCT/US2017/024303)
[87] (WO2017/176483)
[30] US (62/319,074) 2016-04-06
[30] US (15/096,169) 2016-04-11

---

[11] **3,018,205**
[13] C
[51] **Int.Cl. H04N 13/00 (2018.01)**
[25] EN
[54] **ACCELERATED LIGHT FIELD DISPLAY**
[54] **UNITE D'AFFICHAGE DE CHAMP LUMINEUX ACCELERE**
[72] LAW, HENRY HING, US
[72] KWONG, TUNG CHUEN, US
[72] CHAN, BENJAMIN KOON PAN, US
[72] ATKINSON, WILLIAM LLOYD, US
[72] YU, WILSON HUNG, US
[73] QUALCOMM INCORPORATED, US
[85] 2018-09-18
[86] 2017-03-09 (PCT/US2017/021584)
[87] (WO2017/189101)
[30] US (15/137,981) 2016-04-25

[11] **3,021,200**
[13] C
[51] **Int.Cl. B25J 15/00 (2006.01) B25J 15/04 (2006.01)**
[25] EN
[54] **CONTAINER GRIPPER ASSEMBLY**
[54] **ENSEMBLE DE SAISIE DE RECIPIENT**
[72] HARKLEROAD, WILLIAM, US
[72] SCHMIDT, WILLIAM E., US
[72] FLEEGER, GEORGE, US
[72] FLEEGER, JEREMY, US
[72] DI ZINNO, PAUL, US
[73] AGR INTERNATIONAL, INC., US
[85] 2018-10-16
[86] 2017-04-19 (PCT/US2017/028377)
[87] (WO2017/184740)
[30] US (62/325,278) 2016-04-20

[11] **3,021,532**
[13] C
[51] **Int.Cl. F17C 1/06 (2006.01) F17C 1/16 (2006.01)**
[25] EN
[54] **PRESSURE VESSEL LINER VENTING VIA NANOTEXTURED SURFACE**
[54] **VENTILATION D'UN REVETEMENT DE RECIPIENT SOUS PRESSION VIA UNE SURFACE NANOTEXTUREE**
[72] NEWHOUSE, NORMAN L., US
[73] HEXAGON TECHNOLOGY AS, NO
[85] 2018-10-18
[86] 2017-04-24 (PCT/US2017/029080)
[87] (WO2017/200713)
[30] US (62/337,450) 2016-05-17

[11] **3,021,866**
[13] C
[51] **Int.Cl. F02B 41/00 (2006.01) F02B 41/06 (2006.01) F02B 75/18 (2006.01) F02B 75/22 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE WITH PAIRED, PARALLEL, OFFSET PISTONS**
[54] **MOTEUR A COMBUSTION INTERNE AVEC PISTONS DECALES PARALLELES ET APPARIES**
[72] COCANOUGHER, ROBERT ALLEN, US
[72] COCANOUGHER, ROBERT ALLEN; JR., US
[72] COCANOUGHER, ALLEN; DECEASED, US
[73] WISE MOTOR WORKS, LTD., US
[86] (3021866)
[87] (3021866)
[22] 2018-10-23
[30] US (15/821,138) 2017-11-22

[11] **3,023,195**
[13] C
[51] **Int.Cl. C03C 3/087 (2006.01) C03C 4/02 (2006.01) C03C 4/08 (2006.01)**
[25] FR
[54] **SODA-LIME-SILICA GLASS COMPOSITION**
[54] **COMPOSITION DE VERRE SILICO-SODO-CALCIQUE**
[72] FERRARO, SIMONE, IT
[73] VERALLIA FRANCE, FR
[85] 2018-11-02
[86] 2017-05-03 (PCT/FR2017/051052)
[87] (WO2017/191410)
[30] FR (1654043) 2016-05-04

[11] **3,024,414**
[13] C
[51] **Int.Cl. A22B 3/02 (2006.01) A22B 3/00 (2006.01)**
[25] EN
[54] **STUNNER**
[54] **ETOURDISSEUR**
[72] JONES, ARTHUR, US
[72] JONES, TRENT, US
[73] JARVIS PRODUCTS CORPORATION, US
[86] (3024414)
[87] (3024414)
[22] 2016-07-22
[62] 2,936,998
[30] US (62/357,566) 2016-07-01
[30] US (15/211,524) 2016-07-15

[11] **3,026,127**
[13] C
[51] **Int.Cl. B65D 5/50 (2006.01) B65D 81/05 (2006.01)**
[25] EN
[54] **CORNERPOST SUPPORT**
[54] **SUPPORT DE MONTANT DE COIN**
[72] MORRISON, SEAN M., US
[73] INTERNATIONAL PAPER COMPANY, US
[86] (3026127)
[87] (3026127)
[22] 2018-12-03
[30] US (15/848,192) 2017-12-20

[11] **3,028,933**
[13] C
[51] **Int.Cl. G08G 1/16 (2006.01) B60T 7/12 (2006.01)**
[25] EN
[54] **VEHICLE CONTROL METHOD AND VEHICLE CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE VEHICULE ET DISPOSITIF DE COMMANDE DE VEHICULE**
[72] NODA, KUNIAKI, JP
[72] FANG, FANG, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-12-20
[86] 2016-06-27 (PCT/JP2016/068972)
[87] (WO2018/002984)

[11] **3,029,408**
[13] C
[51] **Int.Cl. B63B 3/48 (2006.01) B63B 1/00 (2006.01) B63B 17/00 (2006.01)**
[25] EN
[54] **BACKSPRAY MITIGATION SYSTEM FOR YACHTS**
[54] **SYSTEME D'ATTENUATION DE RETROPULVERISATION POUR YACHTS**
[72] HERRINGTON, FREDERICK, US
[72] LEWIS, GEORGE, US
[72] SCHERER, JOHN, US
[72] HODGES, JOSHUA, US
[73] BRUNSWICK CORPORATION, US
[85] 2018-12-27
[86] 2017-06-08 (PCT/US2017/036637)
[87] (WO2017/214454)
[30] US (62/347,988) 2016-06-09

[11] **3,029,492**
[13] C
[51] **Int.Cl. F17C 13/00 (2006.01) B26F 1/02 (2006.01) B26F 1/32 (2006.01) F17C 7/00 (2006.01)**
[25] EN
[54] **MECHANISM FOR PUNCTURING A GAS CARTRIDGE**
[54] **MECANISME DE PERFORATION D'UNE CARTOUCHE DE GAZ**
[72] BROUILLETTE, MARTIN, CA
[72] DION, STEVEN, CA
[72] HEBERT, CHRISTIAN, CA
[73] INOLIFE R&D INC., CA
[86] (3029492)
[87] (3029492)
[22] 2012-12-13
[62] 2,858,485
[30] US (61/570,911) 2011-12-15

---

[11] **3,033,927**
[13] C
[51] **Int.Cl. B26F 1/44 (2006.01) B26F 1/14 (2006.01) B30B 15/02 (2006.01) B30B 15/08 (2006.01)**
[25] EN
[54] **DIE BLOCK, STEEL-RULE DIE ASSEMBLY COMPRISING THE SAME, AND METHOD THEREOF**
[54] **BLOC DE MATRICE, ENSEMBLE MATRICE A BANDE D'ACIER LE COMPRENANT, ET PROCEDE ASSOCIE**
[72] QUERCIA, PAOLO, CA
[73] DIEBEC MATRICES LTEE, CA
[85] 2019-02-14
[86] 2018-03-01 (PCT/CA2018/050238)
[87] (WO2018/157249)
[30] US (62/465,401) 2017-03-01

---

[11] **3,037,446**
[13] C
[51] **Int.Cl. B64G 1/22 (2006.01) B64G 1/64 (2006.01) F42B 15/36 (2006.01)**
[25] FR
[54] **DEVICE FOR CONTROLLED SEPARATION BETWEEN TWO PARTS AND USE OF SUCH A DEVICE**
[54] **DISPOSITIF DE SEPARATION CONTROLEE ENTRE DEUX PIECES ET APPLICATION D'UN TEL DISPOSITIF**
[72] OLDHAM, ROBERT, FR
[72] MAYO, PHILIPPE, FR
[72] LEVALLOIS, FRANCK, FR
[72] FIGUS, CHRISTOPHE, FR
[72] LOGUT, DANIEL, FR
[73] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2019-03-19
[86] 2016-09-19 (PCT/FR2016/052369)
[87] (WO2017/055706)
[30] FR (15 59241) 2015-09-30

---

[11] **3,041,839**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REDUCING SOUND SENSITIVITIES AND IMPROVING AUDITORY PROCESSING, BEHAVIORAL STATE REGULATION AND SOCIAL ENGAGEMENT**
[54] **PROCEDES ET SYSTEMES POUR REDUIRE LES SENSIBILITES SONORES ET AMELIORER LE TRAITEMENT AUDITIF, LA REGULATION DE L'ETAT COMPORTEMENTAL ET L'ENGAGEMENT SOCIAL**
[72] PORGES, STEPHEN, US
[73] POLYVAGAL SCIENCE LLC, US
[85] 2019-04-25
[86] 2017-10-31 (PCT/US2017/059297)
[87] (WO2018/085271)
[30] US (62/415,996) 2016-11-01

Canadian Applications Open to Public Inspection

August 25, 2019 to August 31, 2019

Demandes canadiennes mises à la disponibilité du public

25 août 2019 au 31 août 2019

---

[21] **2,996,359**
[13] A1
[51] **Int.Cl. A47L 23/20 (2006.01) A47L 23/02 (2006.01) A47L 23/22 (2006.01)**
[25] EN
[54] **AUTOMATIC HOT AIR DRYER USED FOR DRYING THE SNOWED OR WET SHOES WHILE WEARING THEM FOR ALL THEIR SIDES AND EVAPORATING THE COLLECTED MELTED WATER TO OUTSIDE AIR AUTOMATICALLY, THEDEVICE IS PROVIDED WITH ARTIFICIAL SUPPORTING ARMS WITH HANDS AND DISPLAYING MONITOR**
[54] **SECHOIR AUTOMATIQUE A AIR CHAUD SERVANT A SECHER DES CHAUSSURES PORTEES, MOUILLEES OU ENNEIGEES, SUR TOUS LES COTES ET FAIRE EVAPORER L'EAU COLLECTEE VERS L'AIR EXTERIEUR AUTOMATIQUEMENT, L'APPAREIL COMPORTE DES BRAS DE SUPPORT ARTIFICIELS DOTES DE MAINS ET UN AFFICHEUR**
[72] ABOUELDAHAB, TAREK ELSAYED HASSAN, CA
[71] ABOUELDAHAB, TAREK ELSAYED HASSAN, CA
[22] 2018-02-26
[41] 2019-08-26

---

[21] **2,996,390**
[13] A1
[51] **Int.Cl. F03D 80/30 (2016.01) H02G 13/00 (2006.01) H05F 3/02 (2006.01)**
[25] EN
[54] **STATIC DISCHARGER FOR WIND TURBINE**
[54] **DECHARGEUR STATIQUE DESTINE A UNE EOLIENNE**
[72] AHMADI BIDHENDI, AMIN AAB, CA
[72] JOSEPH, SNEEP, CA
[71] AHMADI BIDHENDI, AMIN AAB, CA
[71] JOSEPH, SNEEP, CA
[22] 2018-02-26
[41] 2019-08-26

---

[21] **2,996,571**
[13] A1
[51] **Int.Cl. B62D 63/06 (2006.01) B60P 3/42 (2006.01)**
[25] EN
[54] **DOUBLE STRETCH TRAILER**
[54] **REMORQUE A DOUBLE RALLONGE**
[72] LUTZ, DAVID W., US
[71] LUTZ, DAVID W., US
[22] 2018-02-26
[41] 2019-08-26

---

[21] **2,996,572**
[13] A1
[51] **Int.Cl. B65G 69/18 (2006.01) B08B 15/02 (2006.01) B61D 7/32 (2006.01)**
[25] EN
[54] **DUST CONTROL DEVICE**
[54] **DISPOSITIF DE CONTROLE DE LA POUSSIERE**
[72] LARSON, TODD A., US
[71] LARSON, TODD A., US
[22] 2018-02-27
[41] 2019-08-27
[30] US (15906471) 2018-02-27

---

[21] **2,996,587**
[13] A1
[51] **Int.Cl. F16M 13/04 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **SUPPORT FOR PORTABLE COMPUTER IN A RECEIVING CASE WITH COVER**
[54] **SUPPORT D'ORDINATEUR PORTATIF DANS UN BOITIER D'ACCUEIL EQUIPE D'UN COUVERCLE**
[72] KIELLAND, PETER J., CA
[71] KIELLAND, PETER J., CA
[22] 2018-02-27
[41] 2019-08-27

---

[21] **2,996,733**
[13] A1
[51] **Int.Cl. B23Q 41/02 (2006.01) B23Q 41/06 (2006.01)**
[25] EN
[54] **FACILITY FOR PROCESSING STEEL**
[54] **INSTALLATION DE TRAITEMENT DE L'ACIER**
[72] TSAFARIDIS, DEMETRIUS, CA
[71] TSAFARIDIS, DEMETRIUS, CA
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,761**
[13] A1
[51] **Int.Cl. A63C 1/32 (2006.01) A43B 5/16 (2006.01)**
[25] EN
[54] **ICE SKATE BLADE**
[54] **LAME DE PATIN A GLACE**
[72] LABONTE, IVAN, CA
[72] SEGUIN, ALEXIS, CA
[72] CORBEIL, JEAN-FRANCOIS, CA
[72] DESCHENES, CANDIDE, CA
[71] BAUER HOCKEY LTD., CA
[22] 2018-02-27
[41] 2019-08-27

[21] **2,996,777**
[13] A1
[51] **Int.Cl. F24B 1/182 (2006.01) F24B 1/195 (2006.01)**
[25] EN
[54] **COMBINATION OUTDOOR FIREPLACE AND PIZZA OVEN**
[54] **COMBINAISON DE FOYER EXTERIEUR ET FOUR A PIZZA**
[72] WIDMER, SCOTT, US
[71] WIDMER, SCOTT, US
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,782**
[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01) G06F 1/16 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **DESKTOP COMPUTER WITH NOVEL INTERCHANGEABLE AND CROSS-COMPATIBLE STORAGEDEVICE**
[54] **ORDINATEUR DE TABLE EQUIPE D'UN DISPOSITIF NOVATEUR DE RANGEMENT INTERCHANGEABLE ET INTERCOMPATIBLE**
[72] MUNDI, GURVINDER S, CA
[72] CLOUTIER, JOHN C., CA
[71] CLOUTIER, JOHN C., CA
[71] MUNDI, GURVINDER S., CA
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,786**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2G46**
[54] **MAIS ENDOGAME PH2G46**
[72] KING, STEVEN PAUL, CA
[72] SCOTT, LORI KARYN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,789**
[13] A1
[51] **Int.Cl. G06F 9/455 (2018.01)**
[25] EN
[54] **VIRTUAL COMMUNICATION ROUTER WITH TIME-QUANTUM SYNCHRONIZATION**
[54] **ROUTEUR DE COMMUNICATION VIRTUEL A SYNCHRONISATION PAR TRANCHE TEMPORELLE**
[72] MERRILL, DANIEL J., US
[72] LEINWAND, DARRELL A., US
[72] BREESE, JAMES W., US
[72] BELLE, STEVEN D., US
[71] PERFORMANCE SOFTWARE CORPORATION, US
[22] 2018-02-28
[41] 2019-08-27
[30] US (15/906,336) 2018-02-27

---

[21] **2,996,799**
[13] A1
[51] **Int.Cl. C10G 75/04 (2006.01) C22B 5/00 (2006.01) C22B 34/32 (2006.01)**
[25] EN
[54] **NEUTRALIZATION AND REMOVAL OF CR(VI) DEPOSITS ON PETROCHEMICAL PLANT COMPONENTS**
[54] **NEUTRALISATION ET ELIMINATION DE DEPOTS DE CR(VI) SUR LES COMPOSANTES D'UNE INSTALLATION PETROCHIMIQUE**
[72] OLAYIWOLA, BOLAJI, CA
[72] GOODARZNIA, SHAHIN, CA
[72] SIMANZHENKOV, VASILY, CA
[72] KOSELEK, MICHAEL, CA
[72] GAO, XIAOLIANG, CA
[72] BENUM, LESLIE, CA
[72] SERHAL, KAMAL, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,808**
[13] A1
[51] **Int.Cl. H02S 10/40 (2014.01) H02S 20/30 (2014.01) H02S 30/20 (2014.01)**
[25] EN
[54] **PORTABLE POWER GENERATOR**
[54] **GENERATEUR D'ENERGIE PORTATIF**
[72] CARRINGTON, SCOTT, CA
[71] CARRINGTON, SCOTT, CA
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,830**
[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **KNEE OPERATED AND/OR MOTOR OPERATED WASTE BIN**
[54] **POUBELLE ACTIONNEE PAR UN GENOU OU UN MOTEUR**
[72] OPHARDT, HEINER, CH
[71] OP-HYGIENE IP GMBH, CH
[22] 2018-02-27
[41] 2019-08-27

---

[21] **2,996,909**
[13] A1
[51] **Int.Cl. C07C 39/23 (2006.01) A61K 31/05 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **CANNABIDIOL EXTRACTION AND CONVERSION PROCESS**
[54] **PROCEDE D'EXTRACTION ET DE CONVERSION DE CANNABIDIOL**
[72] KELLER, RAYMOND M., US
[71] CLS LABS, INC., US
[22] 2018-02-28
[41] 2019-08-28

---

[21] **2,996,926**
[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SHORT LOOP REGENERATION OF GAS DEHYDRATION UNITS**
[54] **SYSTEMES ET METHODES DE DESHYDRATATION EN BOUCLE COURTE DE MODULES DE DESHYDRATATION DE GAZ**
[72] TAFRESHI, SAHAM SAM, US
[72] GURSAHANI, KAMAL, US
[72] OWEN, YAWEN Q., US
[72] MARSHALL, ROBERT E., US
[71] CHEVRON U.S.A. INC., US
[22] 2018-02-28
[41] 2019-08-28

[21] **2,996,928**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING MULTI-REQUEST APPLICATIONS**
[54] **METHODE ET SYSTEME DE TRAITEMENT DE DEMANDES MULTIREQUETES**
[72] BASIRI, MARTIN, CA
[72] NAGHIBI, SEYEDMOHAMMAD, CA
[72] BASIRI, MAHDI, CA
[72] BASIRI, MASIH, CA
[71] EASY EDUCATION INC. DBA APPLYBOARD.COM, CA
[22] 2018-02-28
[41] 2019-08-28

[21] **2,996,929**
[13] A1
[51] **Int.Cl. F16K 31/122 (2006.01) F16K 31/124 (2006.01)**
[25] EN
[54] **ELECTRO-HYDRAULIC VALVE ACTUATOR HAVING MODULAR MANIFOLD WITH CONFIGURABLE REDUNDANCY**
[54] **ACTIONNEUR DE VANNE ELECTRO-HYDRAULIQUE AYANT UN COLLECTEUR MODULAIRE A REDONDANCE CONFIGURABLE**
[72] GAGNE, DANIEL, CA
[72] WENKER, RENE, CA
[71] COWAN DYNAMICS INC., CA
[22] 2018-02-28
[41] 2019-08-28

[21] **2,996,959**
[13] A1
[51] **Int.Cl. B65G 45/12 (2006.01)**
[25] EN
[54] **HEATED BELT SCRAPER BAR APPARATUS**
[54] **APPAREIL DE BARRE DE RACLOIR DE COURROIE CHAUFFEE**
[72] GENTRY, LENARD W., CA
[71] GENTRY, LENARD W., CA
[22] 2018-03-01
[41] 2019-08-28
[30] US (15907809) 2018-02-28

[21] **2,997,056**
[13] A1
[51] **Int.Cl. B65D 8/00 (2006.01)**
[25] EN
[54] **WINE BARREL**
[54] **BARIL A VIN**
[72] DEUTSCH, ANDREW, US
[72] KISH, DONALD P., US
[71] NORTH COAST CONTAINER, US
[22] 2018-03-01
[41] 2019-08-27
[30] US (15/906,307) 2018-02-27

[21] **2,997,084**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL AND METHOD OF ASSEMBLY**
[54] **OUTIL DE FOND DE TROU ET METHODE D'ASSEMBLAGE**
[72] KOSEL, CHRISTOPHER J., US
[72] KENDRICK, KENNETH J., MX
[72] ALVARADO, ANDRES E., MX
[71] REPEAT PRECISION, LLC, US
[22] 2018-02-28
[41] 2019-08-28

[21] **2,997,121**
[13] A1
[51] **Int.Cl. B64C 13/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE CYCLIC STICK**
[54] **MANCHE CYCLIQUE AJUSTABLE**
[72] LAVALEE, YANN, US
[72] SPINA, PASQUALE, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-03-01
[41] 2019-08-26
[30] US (15/904,763) 2018-02-26

[21] **2,998,050**
[13] A1
[51] **Int.Cl. B65G 29/02 (2006.01) B65G 47/57 (2006.01)**
[25] EN
[54] **CONVEYOR SYSTEM FOR THE TRANSPORT OF PACKAGED FOOD PRODUCTS**
[54] **SYSTEME DE TRANSPORTEUR DESTINE AU TRANSPORT DE PRODUITS ALIMENTAIRES EMBALLES**
[72] CZAPP, IRENEUSZ, CH
[72] KIEL, MARIO, CH
[72] ROBASZKIEWICZ, TOMASZ, CH
[71] FRANKE TECHNOLOGY AND TRADEMARK LTD, CH
[22] 2018-03-13
[41] 2019-08-28
[30] EP (18159226.2) 2018-02-28

[21] **3,002,805**
[13] A1
[51] **Int.Cl. G01S 17/89 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPERVIOUS SURFACE DETECTION AND CLASSIFICATION**
[54] **SYSTEMES ET METHODES DE DETECTION ET CLASSEMENT DE SURFACE IMPERMEABLE**
[72] NGOROI, DANIEL K., US
[71] WOOLPERT, INC., US
[22] 2018-04-25
[41] 2019-08-27
[30] US (15/906,196) 2018-02-27

[21] **3,003,121**
[13] A1
[51] **Int.Cl. B61D 17/16 (2006.01) B65D 90/10 (2006.01) E05F 3/22 (2006.01) F16J 13/16 (2006.01)**
[25] EN
[54] **RAILCAR DOME LID DEVICE**
[54] **DISPOSITIF DE COUVERCLE DE DOME DE WAGON**
[72] MOONEY, PHIL, CA
[71] RAILSERVE, INC., US
[22] 2018-04-30
[41] 2019-08-28
[30] US (15/907,686) 2018-02-28

[21] **3,005,904**
[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **CABLE PACK-OFF APPARATUS FOR WELL HAVING ELECTRICAL SUBMERSIBLE PUMP**
[54] **APPAREIL DE PORTE-GARNITURES DE CABLE DESTINE A UN PUITS EQUIPE D'UNE POMPE SUBMERSIBLE**
[72] ROSS, STEPHEN C., US
[72] HINDS, ORLANDO J., US
[71] ROSS, STEPHEN C., US
[22] 2018-05-23
[41] 2019-08-26
[30] US (62/635,425) 2018-02-26
[30] US (15/982,341) 2018-05-17

---

[21] **3,006,802**
[13] A1
[51] **Int.Cl. B63B 35/85 (2006.01) A63B 5/10 (2006.01) B63B 17/00 (2006.01) B63B 29/00 (2006.01) E06C 7/16 (2006.01)**
[25] EN
[54] **FOLDABLE DIVING PLATFORM FOR WAKEBOARD TOWER**
[54] **PLATEFORME DE PLONGEON PLIANTE DESTINEE A UNE TOUR DE PLANCHE NAUTIQUE**
[72] SWANSON, CURTIS SCOTT, US
[71] SWANSON, CURTIS SCOTT, US
[22] 2018-05-31
[41] 2019-08-27
[30] US (15/906,900) 2018-02-27

---

[21] **3,011,669**
[13] A1
[51] **Int.Cl. B60R 13/10 (2006.01)**
[25] EN
[54] **ADAPTER ASSEMBLY FOR MOUNTING A LICENSE PLATE TO A VEHICLE**
[54] **MECANISME ADAPTATEUR SERVANT A INSTALLER UNE PLAQUE D'IMMATRICULATION SUR UN VEHICULE**
[72] MARTIN, DARREN, CA
[71] MARTIN, DARREN, CA
[22] 2018-07-18
[41] 2019-08-26
[30] US (15/905,147) 2018-02-26

---

[21] **3,013,597**
[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING PARALLEL FLARED ELASTICS TO DISPOSABLE PRODUCTS AND DISPOSABLE PRODUCTS CONTAINING PARALLEL FLARED ELASTICS**
[54] **APPAREIL ET METHODE D'APPLICATION D'ELASTIQUES EVASES PARALLELES A DES PRODUITS JETABLES ET PRODUITS JETABLES COMPORTANT LES ELASTIQUES EVASES PARALLELES**
[72] FRITZ, JEFFREY W., US
[72] NELSON, CHRISTOPHER J., US
[72] MCCABE, JOHN A., US
[72] PETERSON, DANIEL A., US
[71] CURT G. JOA, INC., US
[22] 2018-08-07
[41] 2019-08-28
[30] US (15/907,602) 2018-02-28

---

[21] **3,014,841**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROCARBONS FROM A SUBTERRANEAN HYDROCARBON-BEARING FORMATION**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES A PARTIR D'UNE FORMATION RENFERMANT DES HYDROCARBURES SOUTERRAINS**
[72] GUPTA, SUBODH, CA
[72] SOOD, ARUN, CA
[72] GITTINS, SIMON D., CA
[71] CENOVUS ENERGY INC., CA
[22] 2018-08-17
[41] 2019-08-26
[30] US (62/635,414) 2018-02-26

---

[21] **3,014,879**
[13] A1
[51] **Int.Cl. E21B 43/241 (2006.01) C09K 8/592 (2006.01) C09K 8/594 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROCARBONS FROM A SUBTERRANEAN HYDROCARBON-BEARING FORMATION**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES A PARTIR D'UNE FORMATION RENFERMANT DES HYDROCARBURES SOUTERRAINS**
[72] GUPTA, SUBODH, CA
[72] SOOD, ARUN, CA
[71] CENOVUS ENERGY INC., CA
[22] 2018-08-17
[41] 2019-08-26
[30] US (62/635,409) 2018-02-26

---

[21] **3,018,064**
[13] A1
[51] **Int.Cl. E06B 7/14 (2006.01) E06B 1/70 (2006.01)**
[25] EN
[54] **SELF-DRAINING THRESHOLD FOR EXTERIOR DOORWAYS**
[54] **SEUIL AUTO-DRAINANT DESTINE A DES ENTREES EXTERIEURES**
[72] CARERI, GIOVANNI, CA
[71] CARERI, GIOVANNI, CA
[22] 2018-09-20
[41] 2019-08-28
[30] US (15/907,727) 2018-02-28

[21] **3,024,029**
[13] A1
[51] **Int.Cl. H05B 3/20 (2006.01) F03D 80/40 (2016.01) B29C 70/30 (2006.01) B64D 15/12 (2006.01) H05B 3/06 (2006.01) H05B 3/28 (2006.01) H05B 3/36 (2006.01)**
[25] EN
[54] **ELECTRIC HEATING APPARATUS FOR DEICING, METHOD FOR MANUFACTURING THE SAME, BLADE AND WIND TURBINE INCLUDING THE SAME**
[54] **APPAREIL DE CHAUFFAGE ELECTRIQUE SERVANT A DEGIVRAGE, METHODE DE FABRICATION ASSOCIEE, PALE ET EOLIENNE COMPORTANT LEDIT APPAREIL**
[72] LI, JIE, CN
[72] XIE, YANPENG, CN
[71] BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD., CN
[22] 2018-11-13
[41] 2019-08-27
[30] CN (201810164383.4) 2018-02-27

[21] **3,024,033**
[13] A1
[51] **Int.Cl. H05B 3/06 (2006.01) F03D 80/40 (2016.01) B29C 70/30 (2006.01) B64D 15/12 (2006.01) H05B 3/20 (2006.01) H05B 3/28 (2006.01) H05B 3/36 (2006.01)**
[25] EN
[54] **ELECTRIC HEATING MODULE STRUCTURE, INSTALLATION METHOD AND FORMING METHOD THEREOF, AND WIND TURBINE**
[54] **STRUCTURE DE MODULE DE CHAUFFAGE ELECTRIQUE, METHODE D'INSTALLATION ET METHODE DE FORMATION ASSOCIEE, ET EOLIENNE**
[72] LI, JIE, CN
[72] XIE, YANPENG, CN
[71] BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD., CN
[22] 2018-11-13
[41] 2019-08-27
[30] CN (201810161713.4) 2018-02-27

[21] **3,025,164**
[13] A1
[51] **Int.Cl. B32B 5/08 (2006.01) B32B 27/04 (2006.01) B64D 7/00 (2006.01) B64D 37/06 (2006.01) B64G 1/56 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **KINETIC ENERGY ABSORPTIVE COMPOSITE ARTICLE AND ABSORPTION METHOD**
[54] **ARTICLE MIXTE ABSORBANT L'ENERGIE CINETIQUE ET METHODE D'ABSORPTION**
[72] WILENSKI, MARK S., US
[72] KOZAR, MICHAEL P., US
[71] THE BOEING COMPANY, US
[22] 2018-11-22
[41] 2019-08-26
[30] US (15/904955) 2018-02-26

[21] **3,025,241**
[13] A1
[51] **Int.Cl. B32B 7/05 (2019.01) B32B 7/022 (2019.01) B64D 37/32 (2006.01) B32B 27/04 (2006.01)**
[25] EN
[54] **KINETIC ENERGY ABSORPTION METHOD AND KINETIC ENERGY ABSORPTIVE, REINFORCED, COMPOSITE ARTICLE**
[54] **METHODE D'ABSORPTION DE L'ENERGIE CINETIQUE ET ARTICLE MIXTE, RENFORCE, ABSORBANT L'ENERGIE CINETIQUE**
[72] WILENSKI, MARK S., US
[72] KOZAR, MICHAEL P., US
[71] THE BOEING COMPANY, US
[22] 2018-11-23
[41] 2019-08-26
[30] US (15/904958) 2018-02-26

[21] **3,025,557**
[13] A1
[51] **Int.Cl. A63H 33/18 (2006.01)**
[25] EN
[54] **3014689US AND METHOD FOR COLLECTING AND THROWING A FLUID**
[54] **APPAREIL ET METHODE DE COLLECTE ET LANCER D'UN FLUIDE**
[72] YOUNG, TROY MATTHEW, US
[72] YOUNG, BROOKE THERESE, US
[71] YOUNG, TROY MATTHEW, US
[71] YOUNG, BROOKE THERESE, US
[22] 2018-11-28
[41] 2019-08-28
[30] US (62/710,808) 2018-02-28
[30] US (16/001,404) 2018-06-06

[21] **3,028,050**
[13] A1
[51] **Int.Cl. G01M 13/028 (2019.01) F16H 57/01 (2012.01) B64F 5/60 (2017.01) B64D 35/00 (2006.01)**
[25] FR
[54] **MONITORING AND DETECTION PROCESS FOR THE FORMATION OF A DEGRADATION IN AT LEAST ONE MOBILE PART IN A ROTATING MECHANISM AND ASSOCIATED SYSTEM**
[54] **PROCEDE DE SURVEILLANCE ET DE DETECTION DE LA FORMATION D'UNE DEGRADATION DANS AU MOINS UNE PIECE MOBILE D'UN MECANISME TOURNANT ET SYSTEME ASSOCIE**
[72] MOREL, HERVE, FR
[72] RODRIGUEZ, JONATHAN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-12-18
[41] 2019-08-26
[30] FR (1870202) 2018-02-26

[21] **3,028,075**
[13] A1
[51] **Int.Cl. B23Q 41/02 (2006.01) B23Q 39/00 (2006.01) B23Q 41/04 (2006.01) B65H 19/00 (2006.01) B66C 17/06 (2006.01)**
[25] EN
[54] **FACILITY FOR PROCESSING STEEL**
[54] **INSTALLATION DE TRAITEMENT DE L'ACIER**
[72] TSAFARIDIS, DEMETRIUS, CA
[71] TSAFARIDIS, DEMETRIUS, CA
[22] 2018-12-19
[41] 2019-08-27
[30] US (62/635,850) 2018-02-27
[30] CA (2996733) 2018-02-28

---

[21] **3,028,388**
[13] A1
[51] **Int.Cl. B23Q 39/00 (2006.01) G05B 19/042 (2006.01) G05D 3/20 (2006.01)**
[25] EN
[54] **MACHINING SYSTEM WITH OPTIMAL PATHS**
[54] **SYSTEME D'USINAGE DE CHEMINS OPTIMAUX**
[72] NATHAN, PETTY LEE, US
[71] THE BOEING COMPANY, US
[22] 2018-12-21
[41] 2019-08-26
[30] US (15/904,554) 2018-02-26

---

[21] **3,028,911**
[13] A1
[51] **Int.Cl. H02S 10/40 (2014.01) H02S 20/30 (2014.01) H02S 30/20 (2014.01)**
[25] EN
[54] **PORTABLE POWER GENERATOR**
[54] **GENERATEUR D'ENERGIE PORTATIF**
[72] CARRINGTON, SCOTT, CA
[71] CARRINGTON, SCOTT, CA
[22] 2019-01-04
[41] 2019-08-28
[30] US (15908468) 2018-02-28
[30] US (16240616) 2019-01-04

---

[21] **3,030,164**
[13] A1
[51] **Int.Cl. B32B 5/08 (2006.01) B64D 7/00 (2006.01) B64D 37/06 (2006.01) B64G 1/56 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **KINETIC ENERGY ABSORPTION METHOD AND ABSORPTIVE COMPOSITE ARTICLE**
[54] **METHODE D'ABSORPTION DE L'ENERGIE CINETIQUE ET ARTICLE MIXTE ABSORBANT**
[72] WILENSKI, MARK S., US
[72] KOZAR, MICHAEL P., US
[71] THE BOEING COMPANY, US
[22] 2019-01-15
[41] 2019-08-26
[30] US (15/904962) 2018-02-26

---

[21] **3,031,573**
[13] A1
[51] **Int.Cl. B64C 27/51 (2006.01) B64C 11/04 (2006.01) B64C 27/39 (2006.01) F16F 1/40 (2006.01) F16F 7/00 (2006.01)**
[25] FR
[54] **LAMINATED BEARING, ROTOR EQUIPPED WITH SUCH A BEARING, AND AIRCRAFT**
[54] **BUTEE LAMIFIEE, ROTOR MUNI D`UNE TELLE BUTEE, ET AERONEF**
[72] BERTHALON, SYLVAIN, FR
[72] MASSAL, FABIEN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2019-01-24
[41] 2019-08-28
[30] FR (1870213) 2018-02-28

---

[21] **3,031,594**
[13] A1
[51] **Int.Cl. H04L 12/753 (2013.01) H04L 12/18 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **METHOD FOR MANAGING NETWORK NODES AND COMMUNICATION CONTROL METHOD THEREOF**
[54] **METHODE DE GESTION DES NOEUDS DE RESEAU ET METHODE DE CONTROLE DE COMMUNICATION ASSOCIEE**
[72] ZHENG, CHUAN, CN
[72] LIN, WENBIN, CN
[72] LIN, WEI, CN
[71] PLCT SYSTEM LTD., CA
[22] 2019-01-24
[41] 2019-08-28
[30] CN (201810166580) 2018-02-28

---

[21] **3,031,899**
[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **POWERED STAPLER HAVING VARYING STAPLE HEIGHTS AND SIZES**
[54] **AGRAFEUSE ELECTRIQUE AYANT DIVERSES HAUTEURS ET TAILLES D'AGRAFE**
[72] HOLSTEN, HENRY, US
[71] COVIDIEN LP, US
[22] 2019-01-30
[41] 2019-08-27
[30] US (15/906,062) 2018-02-27

---

[21] **3,032,449**
[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **IMPROVED MANDREL HEAD FOR WELLHEAD ISOLATION TOOL**
[54] **TETE DE MANDRIN AMELIOREE DESTINEE A UN OUTIL D'ISOLATION DE TETE DE PUITS**
[72] MCGUIRE, BOB, US
[71] OIL STATES ENERGY SERVICES, L.L.C., US
[22] 2019-02-01
[41] 2019-08-28
[30] US (62/636,656) 2018-02-28

---

[21] **3,032,850**
[13] A1
[51] **Int.Cl. F03D 80/40 (2016.01) F03D 1/06 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **ICE MELTING DEVICE FOR BLADE, BLADE AND WIND TURBINE**
[54] **DISPOSITIF DE FONTE DE GLACE DESTINE A UNE PALE, PALE ET EOLIENNE**
[72] QI, YIRAN, CN
[72] SHI, CHAOFENG, CN
[72] XIE, YANPENG, CN
[71] BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD., CN
[22] 2019-02-04
[41] 2019-08-27
[30] CN (201810161119.5) 2018-02-27

[21] **3,032,852**
[13] A1
[51] **Int.Cl. F16K 27/00 (2006.01) F16K 7/12 (2006.01) F16K 21/00 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **DIELECTRIC FITTING FOR PRESSURE REGULATOR**
[54] **RACCORD DIELECTRIQUE DE REGULATEUR DE PRESSION**
[72] BLANCHARD, FREDERICK WILLIAM, US
[72] SANDERS, JONATHAN WILLIAM, US
[71] MARSHALL EXCELSIOR CO., US
[22] 2019-02-06
[41] 2019-08-28
[30] US (15/907,577) 2018-02-28

[21] **3,033,025**
[13] A1
[51] **Int.Cl. B65D 61/00 (2006.01) B65D 19/00 (2006.01) B65D 19/44 (2006.01) B65D 67/00 (2006.01)**
[25] EN
[54] **CORNER SUPPORT ASSEMBLY**
[54] **ASSEMBLAGE DE SUPPORT DE COIN**
[72] FRY, KEVIN D., US
[71] SHOP VAC CORPORATION, US
[22] 2019-02-07
[41] 2019-08-28
[30] US (62/636743) 2018-02-28

[21] **3,033,433**
[13] A1
[51] **Int.Cl. G01G 11/00 (2006.01) B65G 15/00 (2006.01) B65G 49/00 (2006.01) B65B 1/32 (2006.01)**
[25] EN
[54] **A CONVEYOR SYSTEM WITH WEIGHING CAPABILITY**
[54] **UN SYSTEME DE TRANSPORTEUR A CAPACITE DE PESEE**
[72] BYRNE, RICHARD, GB
[72] JOHNSTON, LEE, GB
[72] MCMENAMIN, BARRY, GB
[72] GIBSON, DAVID, GB
[71] TEREX GB LIMITED, GB
[22] 2019-02-11
[41] 2019-08-27
[30] GB (1803200.3) 2018-02-27
[30] GB (1819633.7) 2018-11-30

[21] **3,033,673**
[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01) B23K 9/095 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **ARC VOLTAGE SENSING AND CONTROL FOR A WELDING APPARATUS**
[54] **DETECTION ET CONTROLE DE TENSION DE SOUDAGE D'UN APPAREIL DE SOUDAGE**
[72] MNICH, ANDRZEJ, SE
[71] ESAB AB, SE
[22] 2019-02-13
[41] 2019-08-28
[30] US (15/907,351) 2018-02-28

[21] **3,033,822**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 19/02 (2006.01) F01D 25/24 (2006.01) F02C 7/18 (2006.01)**
[25] EN
[54] **AERODERIVATIVE GAS TURBINE WITH IMPROVED THERMAL MANAGEMENT**
[54] **TURBINE A GAZ AERODERIVANTE A GESTION THERMIQUE AMELIOREE**
[72] CARATELLI, FRANCESCO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[22] 2019-02-14
[41] 2019-08-28
[30] IT (102018000003136) 2018-02-28

[21] **3,034,002**
[13] A1
[51] **Int.Cl. A01K 1/03 (2006.01) A01K 1/015 (2006.01)**
[25] EN
[54] **PET CRATE INSERT**
[54] **INSERTION DE BERCEAU D'ANIMAL DE COMPAGNIE**
[72] TAYLOR, CURTIS, US
[72] HANSON, MATTHEW, US
[71] PROCESS4, INC., US
[22] 2019-02-15
[41] 2019-08-27
[30] US (62/635,811) 2018-02-27

[21] **3,034,046**
[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **INSULATING BOX AND METHOD FOR ELECTRICAL OUTLETS, SWITCHES AND LIGHT FIXTURES**
[54] **BOITE ISOLANTE ET METHODE DESTINEE A DES PRISES ELECTRIQUES, DES INTERRUPTEURS ET DES APPAREILS D'ECLAIRAGE**
[72] LABONTE, DANIEL, CA
[72] PRUD'HOMME, SIMON, CA
[71] IZO BOX INC., CA
[22] 2019-02-18
[41] 2019-08-27
[30] US (62/635,605) 2018-02-27

[21] **3,034,360**
[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **BOTTOM RAIL FOR USE WITH AN ARCHITECTURAL-STRUCTURE COVERING**
[54] **RAIL DE FOND DESTINE A UN REVETEMENT DE STRUCTURE ARCHITECTURALE**
[72] MCNEILL, DAVID B., US
[72] VANDERKOLK, NICHOLAS E., US
[71] HUNTER DOUGLAS INC., US
[22] 2019-02-20
[41] 2019-08-26
[30] US (62/635,190) 2018-02-26

[21] **3,034,400**
[13] A1
[51] **Int.Cl. G06F 16/958 (2019.01) G06F 16/903 (2019.01)**
[25] EN
[54] **SYSTEM FOR BUILDING AND MODELING WEB PAGES**
[54] **SYSTEME D'ETABLISSEMENT ET DE MODELISATION DE PAGES WEB**
[72] SOLIS, CARL, US
[71] SERVICENOW, INC., US
[22] 2019-02-20
[41] 2019-08-26
[30] US (62/635,161) 2018-02-26
[30] US (15/969,489) 2018-05-02

[21] **3,034,414**
[13] A1
[51] **Int.Cl. C01B 32/198 (2017.01) C01B 32/182 (2017.01) C01B 32/184 (2017.01)**
[25] EN
[54] **INTERCONNECTED REDUCED GRAPHENE OXIDE**
[54] **OXYDE DE GRAPHENE REDUIT INTERCONNECTE**
[72] CHEN, AICHENG, CA
[72] SIDHUREDDY, BOOPATHI, CA
[72] THIRUPPATHI, ANTONY RAJ, CA
[71] LAKEHEAD UNIVERSITY, CA
[22] 2019-02-20
[41] 2019-08-26
[30] US (62/635,004) 2018-02-26

[21] **3,034,428**
[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A GRID MAP THAT SHOWS AIR TRAFFIC INTENSITY**
[54] **METHODE ET SYSTEME DE GENERATION D'UN PLAN DE RESEAU QUI INDIQUE L'INTENSITE DU TRAFIC AERIEN**
[72] MOLNAR, KAROL, US
[72] FOLTAN, STANISLAV, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2019-02-21
[41] 2019-08-26
[30] US (15/904608) 2018-02-26

[21] **3,034,465**
[13] A1
[51] **Int.Cl. A47G 23/02 (2006.01) A47J 45/10 (2006.01) F25D 3/08 (2006.01)**
[25] EN
[54] **CONTAINER HOLDER**
[54] **SUPPORT DE CONTENANT**
[72] ROBERTACCIO, MICHAEL, US
[71] ROBERTACCIO, MICHAEL, US
[22] 2019-02-21
[41] 2019-08-26
[30] US (15/905,169) 2018-02-26

[21] **3,034,475**
[13] A1
[51] **Int.Cl. A61C 3/14 (2006.01)**
[25] EN
[54] **TOOTH EXTRACTION DENTAL PLIERS**
[54] **PINCES DENTAIRES D'EXTRACTION DE DENT**
[72] LAHTI, LORI LEE, CA
[72] ZALEWSKI, BARTEK, CA
[72] THATCHER, RONALD, CA
[72] PEAREN, CHRIS, CA
[71] LAHTI, LORI LEE, CA
[22] 2019-02-21
[41] 2019-08-26
[30] US (15/904,810) 2018-02-26

[21] **3,034,489**
[13] A1
[51] **Int.Cl. G08G 5/04 (2006.01) H04W 4/42 (2018.01) G05D 1/02 (2006.01) G06F 17/00 (2019.01) G08G 1/16 (2006.01) G08G 5/06 (2006.01) G09B 9/30 (2006.01) G09B 9/42 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING POTENTIAL SURFACE COLLISIONS AND PROVIDING WARNINGS ONBOARD AN AIRCRAFT OR AIRPORT VEHICLE**
[54] **SYSTEMES ET METHODES DE DETECTION DE POSSIBLES COLLISIONS AU SOL ET DE FOURNITURE D'AVERTISSEMENT A BORD D'UN AERONEF OU D'UN VEHICULE AEROPORTUAIRE**
[72] KANT, LAXMI, US
[72] CHANDRASHEKARAPPA, MOHAN GOWDA, US
[72] SYKAM, UMASURYA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2019-02-21
[41] 2019-08-27
[30] US (15/906026) 2018-02-27

[21] **3,034,491**
[13] A1
[51] **Int.Cl. G08G 5/06 (2006.01) G05D 1/02 (2006.01) G09B 9/30 (2006.01) G09B 9/42 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING VISUALLY AUTOMATED IN-COCKPIT AIRCRAFT DOCKING GUIDANCE WITH USE OF AIRPORT MOVING MAP APPLICATIONS**
[54] **METHODES ET SYSTEMES SERVANT A AMELIORER LE GUIDAGE D'ARRIMAGE D'AERONEF DANS LE COCKPIT AUTOMATISE VISUELLEMENT AU MOYEN D'APPLICATIONS DE CARTE DE DEPLACEMENT D'AEROPORT**
[72] CHANDRASHEKARAPPA, MOHAN GOWDA, US
[72] GOUDA, VIJAYAKUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2019-02-21
[41] 2019-08-28
[30] US (15/907528) 2018-02-28

[21] **3,034,497**
[13] A1
[51] **Int.Cl. C10M 159/12 (2006.01)**
[25] EN
[54] **GRAFTED POLYMER WITH SOOT HANDLING PROPERTIES**
[54] **POLYMERE GREFFE AYANT DES PROPRIETES DE TRAITEMENT DE SUIE**
[72] JIANG, SHENG, US
[72] CARRANZA, ARTURO, US
[71] AFTON CHEMICAL CORPORATION, US
[22] 2019-02-21
[41] 2019-08-27
[30] US (15/905965) 2018-02-27

[21] **3,034,669**
[13] A1
[51] **Int.Cl. F24F 11/63 (2018.01) G05B 11/38 (2006.01) G05B 13/02 (2006.01)**
[25] EN
[54] **A CONTROLLER, METHOD AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING AN ENVIRONMENTAL CONDITION IN A BUILDING**
[54] **UN CONTROLEUR, UNE METHODE ET UN PRODUIT DE PROGRAMME INFORMATIQUE SERVANT A CONTROLER UNE CONDITION ENVIRONNEMENTALE DANS UN BATIMENT**
[72] GAGNON, DOMINIC, CA
[71] DISTECH CONTROLS INC, CA
[22] 2019-02-22
[41] 2019-08-27
[30] US (15/906,709) 2018-02-27

---

[21] **3,034,670**
[13] A1
[51] **Int.Cl. E21C 27/30 (2006.01) E21C 27/36 (2006.01) E21C 29/22 (2006.01)**
[25] EN
[54] **SHOVEL STABILIZER APPENDAGE**
[54] **ACCESSOIRE STABILISATEUR DE PELLE**
[72] HREN, WILLIAM J., US
[71] JOY GLOBAL SURFACE MINING INC, US
[22] 2019-02-22
[41] 2019-08-27
[30] US (62/635,635) 2018-02-27

---

[21] **3,034,795**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 1/16 (2006.01) C07K 1/22 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTIBODY PURIFICATION**
[54] **PURIFICATION D'ANTICORPS**
[72] ISKRA, TIMOTHY, US
[72] SACRAMO, ASHLEY MARGARET, US
[71] PFIZER INC., US
[22] 2019-02-25
[41] 2019-08-27
[30] US (62/635943) 2018-02-27

---

[21] **3,034,803**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) B05B 1/14 (2006.01) F16K 11/22 (2006.01)**
[25] EN
[54] **FAUCET INCLUDING DUAL WATER OUTLETS**
[54] **ROBINET COMPORTANT DES SORTIES D'EAU DOUBLES**
[72] ROSKO, MICHAEL SCOT, US
[72] EADS, THAD J., US
[71] DELTA FAUCET COMPANY, US
[22] 2019-02-25
[41] 2019-08-27
[30] US (62/635,873) 2018-02-27

---

[21] **3,034,817**
[13] A1
[51] **Int.Cl. F24F 11/63 (2018.01) G05B 17/02 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **A CONTROLLER, METHOD AND COMPUTER PROGRAM PRODUCT USING A NEURAL NETWORK FOR ADAPTIVELY CONTROLLING AN ENVIRONMENTAL CONDITION IN A BUILDING**
[54] **UN CONTROLEUR, UNE METHODE ET UN PRODUIT DE PROGRAMME INFORMATIQUE UTILISANT UN RESEAU NEURONAL POUR CONTROLER DE MANIERE ADAPTATIVE UNE CONDITION ENVIRONNEMENTALE DANS UN BATIMENT**
[72] GAGNON, DOMINIC, CA
[71] DISTECH CONTROLS INC, CA
[22] 2019-02-25
[41] 2019-08-27
[30] US (15/906,709) 2018-02-27
[30] US (15/927,342) 2018-03-21

---

[21] **3,034,831**
[13] A1
[51] **Int.Cl. B60Q 1/18 (2006.01) B60Q 1/04 (2006.01) B60R 16/03 (2006.01)**
[25] EN
[54] **SNOWPLOW LIGHT CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE D'ECLAIRAGE DE CHASSE-NEIGE**
[72] KOCH, TIMOTHY, US
[72] VON MENZE, WILHELM F., US
[72] BREHMER, JACOB R., US
[72] WENDORFF, TERRY C., US
[71] SNO-WAY INTERNATIONAL, INC., US
[22] 2019-02-25
[41] 2019-08-28
[30] US (15/908,288) 2018-02-28

---

[21] **3,034,861**
[13] A1
[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/34 (2006.01)**
[25] EN
[54] **GAME MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE JEU**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2019-02-26
[41] 2019-08-26
[30] JP (2018-031469) 2018-02-26

---

[21] **3,034,868**
[13] A1
[51] **Int.Cl. F04D 29/64 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/52 (2006.01) H01R 33/05 (2006.01) H02K 5/22 (2006.01)**
[25] EN
[54] **MODULAR FAN SYSTEMS AND ASSEMBLIES**
[54] **SYSTEMES ET ASSEMBLAGES DE VENTILATEUR MODULAIRE**
[72] PAREL, THOMAS M., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-02-26
[41] 2019-08-28
[30] US (62/636,186) 2018-02-28

[21] **3,034,907**
[13] A1
[51] **Int.Cl. E21B 47/005 (2012.01) E21B 47/0224 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM OF EVALUATING CEMENT BONDS THROUGH TUBING**
[54] **METHODE ET SYSTEME D'EVALUATION DE LIAISONS DE CIMENT PAR TUBAGE**
[72] ZHAO, JIAJUN, US
[72] ZHAO, JINSONG, US
[72] YANG, QINSHAN, US
[71] GOWELL INTERNATIONAL, LLC, US
[22] 2019-02-26
[41] 2019-08-27
[30] US (15/906270) 2018-02-27

[21] **3,034,908**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) H04N 13/239 (2018.01)**
[25] EN
[54] **RAPID GROUND-PLANE DISCRIMINATION IN STEREOSCOPIC IMAGES**
[54] **DISCRIMINATION RAPIDE DE PLAN DE SOL DANS LES IMAGES STEREOSCOPIQUES**
[72] BELL, GORDON, CA
[71] 2236008 ONTARIO INC., CA
[22] 2019-02-26
[41] 2019-08-28
[30] US (15/907,887) 2018-02-28

[21] **3,034,912**
[13] A1
[51] **Int.Cl. C07K 14/54 (2006.01) A61K 47/68 (2017.01) A61K 38/20 (2006.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12N 15/24 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **IL-15 VARIANTS AND USES THEREOF**
[54] **VARIANTS IL-15 ET LEURS UTILISATIONS**
[72] YEUNG, YIK ANDY, US
[72] FELDMAN, REID MARTIN RENNY, US
[72] CHU, LING HON MATTHEW, US
[72] CHAPARRO RIGGERS, JAVIER FERNANDO, US
[72] DJURETIC, IVANA, US
[72] MOSYAK, LIDIA, US
[72] LIN, LAURA, US
[71] PFIZER INC., US
[22] 2019-02-26
[41] 2019-08-28
[30] US (62/636362) 2018-02-28
[30] US (62/636371) 2018-02-28
[30] US (62/784302) 2018-12-21

[21] **3,034,934**
[13] A1
[51] **Int.Cl. F23L 17/00 (2006.01) B60H 1/22 (2006.01) F23C 9/00 (2006.01) F24H 9/00 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **COMBUSTION AIR BLOWER**
[54] **SOUFFLANTE A COMBUSTION**
[72] HUMBURG, MICHAEL, DE
[72] JENSEN, HANS, DE
[71] EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG, DE
[22] 2019-02-25
[41] 2019-08-28
[30] DE (10 2018 104 517.4) 2018-02-28

[21] **3,034,936**
[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) B60H 1/22 (2006.01) F23N 1/02 (2006.01) F23N 5/00 (2006.01)**
[25] EN
[54] **PROCESS FOR OPERATING A FUEL-OPERATED VEHICLE HEATER**
[54] **PROCEDE D'EXPLOITATION D'UN APPAREIL DE CHAUFFAGE DE VEHICULE AU CARBURANT**
[72] BLASCHKE, WALTER, DE
[72] HUMBURG, MICHAEL, DE
[72] PFISTER, WOLFGANG, DE
[72] JENSEN, HANS, DE
[71] EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG, DE
[22] 2019-02-25
[41] 2019-08-26
[30] DE (10 2018 104 242.6) 2018-02-26

[21] **3,034,938**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 34/20 (2016.01) A61M 25/09 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **MEDICAL INSTRUMENT WITH SELF-COLLAPSING CHANNEL**
[54] **INSTRUMENT MEDICAL EQUIPE D'UN CANAL AUTO-ECRASABLE**
[72] PALUSHI, JETMIR, US
[72] FANG, ITZHAK, US
[72] FARRINGTON, IAN, US
[72] SHAMELI, EHSAN, US
[72] SMITH, DAVID A., US
[71] ACCLARENT, INC., US
[22] 2019-02-26
[41] 2019-08-27
[30] US (15/906,325) 2018-02-27

[21] **3,034,944**
[13] A1
[51] **Int.Cl. B61B 12/02 (2006.01)**
[25] FR
[54] **SUPPORT AND GUIDANCE DEVICE FOR A TRACTOR CABLE IN A VEHICLE FOR A TRANSPORTATION INSTALLATION, JOINT WITH SUCH A DEVICE AND FABRICATION PROCESS OF THE DEVICE**
[54] **DISPOSITIF D`APPUI ET DE GUIDAGE D`UN CABLE TRACTEUR DE VEHICULE D`UNE INSTALLATION DE TRANSPORT, ARTICULATION D`UN TEL DISPOSITIF ET PROCEDE DE FABRICATION DU DISPOSITIF**
[72] MUGNIER, JEAN-FRANCOIS, FR
[71] POMA, FR
[22] 2019-02-25
[41] 2019-08-26
[30] FR (18 51 651) 2018-02-26

[21] **3,034,947**
[13] A1
[51] **Int.Cl. E02F 5/14 (2006.01) B62D 51/04 (2006.01) E02F 3/18 (2006.01) E02F 5/08 (2006.01) E02F 7/02 (2006.01)**
[25] FR
[54] **MOTORIZED VEHICLE FOR MAKING TRENCHES IN THE GROUND**
[54] **VEHICULE MOTORISE POUR LA REALISATION DE TRANCHEES DANS LE SOL**
[72] RIVARD, DANIEL, FR
[71] GROUPE MARAIS, FR
[22] 2019-02-25
[41] 2019-08-28
[30] FR (18 51 783) 2018-02-28

[21] **3,034,951**
[13] A1
[51] **Int.Cl. E06B 9/32 (2006.01) E06B 9/322 (2006.01) E06B 9/56 (2006.01) E06B 9/80 (2006.01)**
[25] EN
[54] **TENSIONER AND SAFETY ENCLOSURE FOR WINDOW BLIND HOOP DRIVE AND CHANNEL CUT OUT**
[54] **DISPOSITIF TENDEUR ET BOITIER DE SECURITE DESTINE A UN ENTRAINEMENT A ARCEAU DE STORE DE FENETRE ET DECOUPE DE CANAL**
[72] MAROCCO, NORBERT, CA
[71] MAXXMAR INC., CA
[22] 2019-02-26
[41] 2019-08-26
[30] US (62/635,079) 2018-02-26

[21] **3,035,007**
[13] A1
[51] **Int.Cl. H04R 3/00 (2006.01) H04R 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A PIEZOELECTRIC SPEAKER**
[54] **METHODE DE FONCTIONNEMENT D'UN HAUT-PARLEUR PIEZOELECTRIQUE**
[72] BELTRAMI, ANDREA RUSCONI CLERICI, AT
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
[22] 2019-02-26
[41] 2019-08-28
[30] DE (10 2018 104 561.1) 2018-02-28

[21] **3,035,012**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) H01M 8/04746 (2016.01) H01M 8/04992 (2016.01) G05B 17/02 (2006.01)**
[25] EN
[54] **PLANT CONTROL SYSTEM, PLANT CONTROL METHOD, AND COMPUTER-READABLE MEDIUM**
[54] **SYSTEME DE CONTROLE D'UNE INSTALLATION, METHODE DE CONTROLE D'UNE INSTALLATION ET SUPPORT INFORMATIQUE**
[72] OKUYOSHI, MASAHIRO, JP
[72] BONO, TETSUYA, JP
[72] EGAWA, TOSHIHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2019-02-27
[41] 2019-08-28
[30] JP (2018-034129) 2018-02-28

[21] **3,035,027**
[13] A1
[51] **Int.Cl. G06Q 40/06 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **COLLABORATIVE REAL ESTATE INVESTING SYSTEM AND METHODOLOGY**
[54] **SYSTEME D'INVESTISSEMENT IMMOBILIER COLLABORATIF ET METHODOLOGIE**
[72] HILL, DIANA, US
[72] ALBIN, STEVEN, US
[72] GALLIFORD, GAYLENE, US
[71] NEWPORT EXCHANGE HOLDINGS, INC., US
[22] 2019-02-27
[41] 2019-08-28
[30] US (15/908,124) 2018-02-28

[21] **3,035,030**
[13] A1
[51] **Int.Cl. E06B 9/38 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **END PIECE FOR A SUNSHADE'S EDGE RAIL AND SUNSHADE**
[54] **PIECE D'EXTREMITE DE RAIL DE BORD DE PARE-SOLEIL ET PARE-SOLEIL**
[72] HAAPALAHTI, TEUVO, FI
[71] SUOMEN VISOR OY, FI
[22] 2019-02-26
[41] 2019-08-27
[30] FI (20185180) 2018-02-27

[21] **3,035,032**
[13] A1
[51] **Int.Cl. F21V 21/096 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **MAGNETIC MOUNTING ASSEMBLY FOR AN UNDER-CABINET LED LIGHT FIXTURE**
[54] **DISPOSITIF D'ASSEMBLAGE MATNEGIQUE DESTINE A UN APPAREIL D'ECLAIRAGE DEL SOUS ARMOIRE**
[72] VAN WINKLE, GARY, US
[72] CARTER, WILLIAM, US
[72] SIGLIN, KERBY, US
[71] ETI SOLID STATE LIGHTING INC., US
[22] 2019-02-27
[41] 2019-08-27
[30] US (62/635,790) 2018-02-27

[21] **3,035,035**
[13] A1
[51] **Int.Cl. E04H 4/16 (2006.01) B08B 3/04 (2006.01) E04H 4/12 (2006.01)**
[25] EN
[54] **A DEVICE AND ASSEMBLY FOR CLEANING SWIMMING POOLS**
[54] **UN APPAREIL ET UN MECANISME SERVANT A NETTOYER LES PISCINES**
[72] BEGIC, JERKO, CA
[71] BEGIC, JERKO, CA
[22] 2019-02-27
[41] 2019-08-27
[30] US (62/635,589) 2018-02-27
[30] US (62/673,310) 2018-05-18

[21] **3,035,041**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **THERAPY TAPE**
[54] **RUBAN THERAPEUTIQUE**
[72] WILSON, WESLEY G., US
[71] WILSON, WESLEY G., US
[22] 2019-02-26
[41] 2019-08-26
[30] US (62/635,534) 2018-02-26
[30] US (16/040,087) 2018-07-19

[21] **3,035,053**
[13] A1
[51] **Int.Cl. H01M 2/34 (2006.01) H01M 10/637 (2014.01)**
[25] EN
[54] **POUCH BATTERY WITH SAFETY PROTECTION FUNCTION**
[54] **BATTERIE DE POCHE AYANT UNE FONCTION DE PROTECTION DE SECURITE**
[72] LEE, HEI MAN RAYMOND, CN
[72] ZHUANG, MING JUN, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-02-27
[41] 2019-08-27
[30] CN (201820278528.9) 2018-02-27

[21] **3,035,056**
[13] A1
[51] **Int.Cl. F04D 29/00 (2006.01) A01M 29/12 (2011.01) F24F 1/0317 (2019.01) F24F 1/035 (2019.01) F24F 1/0373 (2019.01) A01M 29/00 (2011.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/70 (2006.01) F21V 33/00 (2006.01) G08B 13/196 (2006.01) H04R 9/06 (2006.01)**
[25] EN
[54] **CEILING FAN INCLUDING MODULAR ACCESSORIES**
[54] **VENTILATEUR DE PLAFOND COMPORTANT DES ACCESSOIRES MODULAIRES**
[72] HUGGINS, MARK, US
[72] KIPPES, SCOTT P., US
[72] GILES, ALEXANDRA E., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-02-27
[41] 2019-08-28
[30] US (62/636,188) 2018-02-28

[21] **3,035,060**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) B60C 99/00 (2006.01)**
[25] EN
[54] **RFID MESH LABEL, TIRE HAVING RFID MESH LABEL INTEGRALLY INCORPORATED THEREIN, AND METHODS OF MAKING**
[54] **ETIQUETTE DE MAILLE RFID, PNEU COMPORTANT UNE ETIQUETTE DE MAILLE RFID INCORPOREE INTEGRALEMENT, ET METHODES DE FABRICATION**
[72] BORGNA, MICHAEL E., US
[72] UIJLENBROEK, JOS, NL
[71] FINELINE TECHNOLOGIES, US
[22] 2019-02-27
[41] 2019-08-28
[30] US (62/636450) 2018-02-28
[30] US (16/284068) 2019-02-25

[21] **3,035,066**
[13] A1
[51] **Int.Cl. B65D 90/00 (2006.01) B65D 90/48 (2006.01)**
[25] EN
[54] **STORAGE VESSEL**
[54] **RECIPIENT DE STOCKAGE**
[72] BEYDOUN, HAMMDY DANNY, US
[72] GILLESPIE, JOHN MICHEL, US
[72] CASADA, ARA ALEXANDER, US
[72] VERBEKE, WIM, BE
[71] LIQUIDPOWER SPECIALTY PRODUCTS INC., US
[22] 2019-02-27
[41] 2019-08-27
[30] US (62/635,553) 2018-02-27
[30] US (16/285,503) 2019-02-26

[21] **3,035,173**
[13] A1
[51] **Int.Cl. B01D 46/12 (2006.01) B01D 46/52 (2006.01)**
[25] EN
[54] **VARIABLE AIR FILTER ASSEMBLIES**
[54] **ASSEMBLAGES DE FILTRES A AIR VARIABLES**
[72] BARRY, KEVIN J., US
[72] TARKINGTON, THADDEUS W., US
[72] KHALIFA, ALY, US
[71] FILTER EASY, INC., US
[22] 2019-02-28
[41] 2019-08-28
[30] US (62/694091) 2018-07-05
[30] US (62/636581) 2018-02-28

[21] **3,035,180**
[13] A1
[51] **Int.Cl. F24F 7/06 (2006.01) A01K 13/00 (2006.01) A62B 11/00 (2006.01) B60H 1/26 (2006.01) F17D 1/065 (2006.01) F24D 5/02 (2006.01)**
[25] EN
[54] **AIR TRANSFER APPARATUS, METHOD OF OPERATING THE SAME, KIT CONTAINING AN AIR TRANSFER APPARATUS AND USE THEREOF**
[54] **APPAREIL DE TRANSFERT D'AIR, METHODE DE FONCTIONNEMENT ASSOCIEE, TROUSSE COMPORTANT UN APPAREIL DE TRANSFERT D'AIR ET SON UTILISATION**
[72] GREGOIRE, DOMINIC, CA
[72] GREGOIRE, LOUIS, CA
[71] GREGOIRE, DOMINIC, CA
[71] GREGOIRE, LOUIS, CA
[22] 2019-02-28
[41] 2019-08-28
[30] US (62/636.227) 2018-02-28

[21] **3,035,185**
[13] A1
[51] **Int.Cl. H02G 15/013 (2006.01)**
[25] FR
[54] **CABLE INPUT DEVICE FOR ELECTRICAL CABLE IN A CONDUIT**
[54] **DISPOSITIF D'ENTREE DE CABLE POUR CABLE ELECTRIQUE SOUS CONDUIT**
[72] PINEAUD, NICOLAS, FR
[72] LEBON, SILVIN, FR
[71] COOPER CAPRI SAS, FR
[22] 2019-02-27
[41] 2019-08-27
[30] FR (18/51720) 2018-02-27

[21] **3,035,186**
[13] A1
[51] **Int.Cl. B63H 20/36 (2006.01) B60P 3/10 (2006.01)**
[25] EN
[54] **BOAT MOTOR SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE MOTEUR DE BATEAU**
[72] HUDDLESTON, RICK, US
[71] FISHING HOLDINGS, LLC, US
[22] 2019-02-28
[41] 2019-08-28
[30] US (15/907,814) 2018-02-28

[21] **3,035,236**
[13] A1
[51] **Int.Cl. D21H 19/80 (2006.01) B29C 48/154 (2019.01) B32B 7/10 (2006.01) B32B 27/10 (2006.01) B32B 37/15 (2006.01) D21H 21/16 (2006.01)**
[25] EN
[54] **WATER-, OIL-AND GREASE-RESISTANT MULTILAYER COATING FOR PAPER-BASED SUBSTRATE AND USES THEREOF**
[54] **REVETEMENT MULTICOUCHE RESISTANT A L'EAU, L'HUILE ET LA GRAISSE DESTINE A UN SUBSTRAT A BASE DE PAPIER ET UTILISATIONS ASSOCIEES**
[72] MONGRAIN, YVON, CA
[71] CASCADES SONOCO INC., CA
[22] 2019-02-28
[41] 2019-08-28
[30] US (62636461) 2018-02-28

[21] **3,035,239**
[13] A1
[51] **Int.Cl. F04D 27/00 (2006.01) F24F 11/56 (2018.01) H04W 4/38 (2018.01) H04W 4/70 (2018.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) H02K 7/14 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING A CEILING FAN**
[54] **DISPOSITIFS, SYSTEMES ET METHODES DE CONTROLE D'UN VENTILATEUR DE PLAFOND**
[72] HUGGINS, MARK, US
[72] KIPPES, SCOTT P., US
[72] GILES, ALEXANDRA E., US
[72] IZARD, CASEY R., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-02-28
[41] 2019-08-28
[30] US (62/636,263) 2018-02-28

[21] **3,035,241**
[13] A1
[51] **Int.Cl. G08G 1/0968 (2006.01) H04W 4/024 (2018.01) G06F 17/00 (2019.01) G08G 1/0969 (2006.01)**
[25] EN
[54] **PASSENGER TRANSPORT ROUTE MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME DE GESTION DE PARCOURS DE TRANSPORT DE PASSAGER ET METHODE**
[72] LAPLANTE, DOMINIC, CA
[72] LANTHIER, KEVIN, CA
[72] CLEMENT, ALEXANDRE, CA
[71] ENTREPRISES WYHN INC., CA
[22] 2019-02-28
[41] 2019-08-28
[30] US (US 62/636,264) 2018-02-28

[21] **3,035,250**
[13] A1
[51] **Int.Cl. G01N 3/48 (2006.01)**
[25] EN
[54] **SUSPENSION-BASED IMPACT SYSTEM**
[54] **SYSTEME D'IMPACT FONDE SUR LA SUSPENSION**
[72] ABRAM, DANIEL EAMON, CA
[72] GOLNARAGHI, FARID, CA
[72] WANG, GAOFENG GARY, CA
[71] SIMON FRASER UNIVERSITY, CA
[22] 2019-02-28
[41] 2019-08-28
[30] US (62/636,732) 2018-02-28

[21] **3,035,379**
[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01) F25J 3/08 (2006.01)**
[25] EN
[54] **SPLIT FLOW INTEGRATED LNG PRODUCTION(SFI-LNG)**
[54] **PRODUCTION DE GNL A FLUX DIVISE INTEGREE (SFI-LNG)**
[72] NASSAR, NASHAAT N., CA
[72] OSTOVAR, ARASH, CA
[72] VITALE ROJAS, GERARDO, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2019-02-28
[41] 2019-08-28
[30] US (62/636,385) 2018-02-28

---

[21] **3,039,241**
[13] A1
[51] **Int.Cl. B25H 5/00 (2006.01) B60B 33/04 (2006.01)**
[25] EN
[54] **CREEPER**
[54] **SOMMIER ROULANT**
[72] O'DONNELL, COLIN, US
[71] SHINN FU COMPANY OF AMERICA, INC., US
[22] 2019-04-05
[41] 2019-08-30
[30] US (15/956,527) 2018-04-18

---

[21] **3,047,661**
[13] A1
[51] **Int.Cl. A61B 5/055 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGING TISSUE**
[54] **SYSTEME ET METHODE D'IMAGERIE DE TISSUS**
[72] BENDEL, PETER, IL
[71] ASPECT IMAGING LTD., IL
[22] 2019-06-20
[41] 2019-08-28
[30] US (62/687,513) 2018-06-20
[30] US (62/723,703) 2018-08-28

---

[21] **3,047,756**
[13] A1
[51] **Int.Cl. B02B 1/00 (2006.01) B02B 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING WHOLE PLANT MATERIALS INTO SEPARATED COMPONENTS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DE MATERIAUX VEGETAUX ENTIERS EN COMPOSANTES SEPAREES**
[72] PILDYSH, MIKHAIL, CA
[71] CANADIAN GREENFIELD TECHNOLOGIES CORP., CA
[22] 2019-06-21
[41] 2019-08-29

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **3,032,890**
[13] A1
[51] **Int.Cl. A63B 59/60 (2015.01)**
[25] EN
[54] **AN IMPROVED GAME AND EQUIPMENT THEREFOR**
[54] **JEU AMELIORE ET EQUIPEMENT ASSOCIE**
[72] ALEXANDER, NICHOLAS JOHN, GB
[71] ALEXANDER, NICHOLAS JOHN, GB
[85] 2019-02-04
[86] 2016-08-10 (PCT/GB2016/052482)
[87] (WO2017/025743)
[30] GB (1514195.5) 2015-08-11

---

[21] **3,046,208**
[13] A1
[51] **Int.Cl. A01C 1/06 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01N 25/02 (2006.01) A01N 25/08 (2006.01) A01N 63/00 (2006.01) A01N 63/02 (2006.01)**
[25] EN
[54] **METHYLOBACTERIUM COMPOSITIONS FOR FUNGAL DISEASE CONTROL**
[54] **COMPOSITIONS DE METHYLOBACTERIUM POUR LA LUTTE CONTRE LES MALADIES FONGIQUES**
[72] RIOUX, RENEE A., US
[72] MCFATRICH, CHARLES MICHAEL, US
[72] NANNAPANENI, KISHORE, US
[71] NEWLEAF SYMBIOTICS, INC., US
[85] 2019-06-05
[86] 2017-12-07 (PCT/US2017/065081)
[87] (WO2018/106899)
[30] US (62/431,927) 2016-12-09

---

[21] **3,048,641**
[13] A1
[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR ENHANCED MACHINE TYPE COMMUNICATION ACKNOWLEDGMENT BUNDLING**
[54] **TECHNIQUES DE REGROUPEMENT AMELIORE D'ACCUSES DE RECEPTION DE COMMUNICATIONS DE TYPE MACHINE**
[72] BHATTAD, KAPIL, US
[72] RICO ALVARINO, ALBERTO, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-06-26
[86] 2018-02-02 (PCT/US2018/016607)
[87] (WO2018/144830)
[30] IN (201741004051) 2017-02-03
[30] US (15/886,244) 2018-02-01

---

[21] **3,049,570**
[13] A1
[51] **Int.Cl. F28B 7/00 (2006.01) F24D 3/10 (2006.01) F24D 9/02 (2006.01) F24H 1/22 (2006.01)**
[25] EN
[54] **HEAT EXCHANGE SYSTEM AND METHOD OF CONTROLLING THE ALTERNATION AND REDUNDANCY BETWEEN HEAT EXCHANGERS THEREIN**
[54] **SYSTEME D'ECHANGE THERMIQUE ET METHODE DE CONTROLE DE L'ALTERNANCE ET LAREDONDANCE ENTRE LES ECHANGEURS THERMIQUES UTILISES**
[72] COSSETTE-LABROSSE, GABRIEL, CA
[72] LACH, PATRICK, CA
[72] LACH, RAYMOND, CA
[71] MAXI-THERME INC., CA
[85] 2019-07-15
[86] 2018-02-27 (PCT/CA2018/050223)
[87] (3049570)

---

[21] **3,050,118**
[13] A1
[51] **Int.Cl. C07F 9/38 (2006.01) A01N 25/22 (2006.01) A61K 33/42 (2006.01)**
[25] EN
[54] **MATERIALS AMD METHODS FOR BUFFERING ACTIVE CHLORINE SOLUTIONS**
[54] **PROCEDES ET MATERIELS POUR TAMPONNER DES SOLUTIONS DE CHLORE ACTIF**
[72] O'CONNELL, JOHN F., JR., US
[72] DEMERS, JAMES P., US
[72] RIDEOUT, DARRYL C., US
[71] PHARMOCON LLC, US
[85] 2019-07-12
[86] 2018-01-17 (PCT/US2018/013997)
[87] (WO2018/132846)
[30] US (62/445,754) 2017-01-13

---

[21] **3,050,700**
[13] A1
[51] **Int.Cl. A61K 31/451 (2006.01) A61P 25/28 (2006.01) C07D 211/24 (2006.01)**
[25] EN
[54] **USE OF PRIDOPIDINE FOR THE TREATMENT OF FRAGILE X SYNDROME**
[54] **UTILISATION DE PRIDOPIDINE POUR TRAITER LE SYNDROME DE L'X FRAGILE**
[72] HAYDEN, MICHAEL, IL
[72] POULADI, MAHMOUD ABDULHOSSEIN, SG
[71] PRILENIA NEUROTHERAPEUTICS LTD., IL
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
[85] 2019-07-17
[86] 2018-01-18 (PCT/US2018/014169)
[87] (WO2018/136600)
[30] US (62/448,595) 2017-01-20

[21] **3,050,714**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS DE REGULATION DE PLANTES ET LEURS UTILISATIONS**
[72] DAVIS, IAN W., US
[72] SHARIFF, AABID, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2019-07-17
[86] 2018-01-18 (PCT/US2018/014155)
[87] (WO2018/136594)
[30] US (62/448,019) 2017-01-19

[21] **3,051,413**
[13] A1
[51] **Int.Cl. A23L 33/10 (2016.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR CRUDE FORMULATIONS OF FORTIFIED SUGAR FOR GLYCEMIC CONTROL**
[54] **PROCEDE ET COMPOSITION POUR FORMULATIONS BRUTES DE SUCRE FORTIFIE POUR LA REGULATION DE LA GLYCEMIE**
[72] THOMPSON, DARYL, US
[72] MANICKA, RAJENDRAN, AU
[71] HAPPY SUGAR INC., US
[85] 2019-05-15
[86] 2017-11-15 (PCT/US2017/061696)
[87] (WO2018/093830)
[30] US (62/422,906) 2016-11-16

[21] **3,051,660**
[13] A1
[51] **Int.Cl. H04N 19/33 (2014.01) H04N 21/2662 (2011.01) H04N 21/462 (2011.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2019-07-25
[86] 2018-01-31 (PCT/JP2018/003197)
[87] (WO2018/143268)
[30] JP (2017-018916) 2017-02-03

[21] **3,051,687**
[13] A1
[51] **Int.Cl. A01C 1/00 (2006.01) A01C 1/08 (2006.01) A61K 35/56 (2015.01)**
[25] EN
[54] **SEED FLOW LUBRICANT COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS LUBRIFIANTES POUR L'ECOULEMENT DE GRAINES ET LEURS UTILISATIONS**
[72] TULLEY, BRIAN, US
[71] 3 STAR AG LLC, US
[85] 2019-07-25
[86] 2018-01-16 (PCT/US2018/013805)
[87] (WO2018/151884)
[30] US (62/458,779) 2017-02-14

[21] **3,051,705**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) G01R 21/06 (2006.01) G05B 13/02 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **INTELLIGENT SWITCH DEVICE AND CENTRAL CONTROL SYSTEM THEREOF**
[54] **DISPOSITIF DE COMMUTATION INTELLIGENT ET SON SYSTEME DE COMMANDE CENTRALE**
[72] ELLIOT, DAN NURKO, MX
[72] LEYVA ROS, MARCO POLO, MX
[72] ABUNDIS, HECTOR MUNGUIA, MX
[72] CASTILLO BARCENAS, FIDEL NAHUM, MX
[72] FLORES, NELLY ADRIANA ESTRADA, MX
[72] GARCIA, JOSUE SAUL ROSARIO, MX
[72] PUC POOT, FRANCISCO ANTONIO, MX
[72] ZENTENO, LEOBARDO STEPHEN LINCOLN STRANGE, MX
[72] SOTO, GERARDO GOMEZ, MX
[72] RIOS, EDMUNDO LEYVA, MX
[72] RAMIREZ, CARLOS MUCINO, MX
[72] YOMTOW, SAMUEL NURKO, MX
[71] KLEVERNESS INCORPORATED, US
[85] 2019-07-25
[86] 2018-06-18 (PCT/US2018/038017)
[87] (WO2019/027580)
[30] US (15/665,894) 2017-08-01
[30] US (16/002,177) 2018-06-07
[30] US (16/002,228) 2018-06-07
[30] US (16/002,187) 2018-06-07

[21] **3,051,762**
[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 16/22 (2019.01) G06F 16/27 (2019.01)**
[25] EN
[54] **DATA ISOLATION IN A BLOCKCHAIN NETWORK**
[54] **ISOLATION DE DONNEES DANS UN RESEAU DE CHAINE DE BLOCS**
[72] ZHANG, WENBIN, CN
[72] SHEN, CHAO, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-07-26
[86] 2018-12-13 (PCT/CN2018/120805)
[87] (WO2019/072293)

[21] **3,052,157**
[13] A1
[51] **Int.Cl. A61K 38/09 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR LONG TERM RELEASE OF GANADOTROPIN-RELEASING HORMONE (GNRH) ANTAGONISTS**
[54] **COMPOSITIONS ET METHODES POUR LA LIBERATION A LONG TERME D'ANTAGONISTES DE L'HORMONE DE LIBERATION DES GONADOTROPINES (GNRH)**
[72] RAVI, KACKER, US
[72] MITCHELL S., STEINER, US
[71] VERU INC., US
[85] 2019-07-30
[86] 2018-01-31 (PCT/US2018/016241)
[87] (WO2018/144603)
[30] US (62/452,788) 2017-01-31

[21] **3,052,206**
[13] A1
[51] **Int.Cl. A61K 33/02 (2006.01) A61K 33/04 (2006.01) A61K 36/31 (2006.01) A61K 45/06 (2006.01) C01B 17/16 (2006.01) C01B 17/22 (2006.01) C01B 21/20 (2006.01) C01B 21/24 (2006.01)**
[25] EN
[54] **HYDROGEN SULFIDE AND/OR NITRITE IN THE TREATMENT AND PREVENTION OF ATRIAL FIBRILLATION**
[54] **SULFURE D'HYDROGENE ET/OU NITRITE DANS LE TRAITEMENT ET LA PREVENTION DE LA FIBRILLATION AURICULAIRE**
[72] KEVIL, CHRISTOPHER G., US
[72] DOMINIC, PAARI, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2019-07-30
[86] 2018-02-20 (PCT/US2018/018750)
[87] (WO2018/152509)
[30] US (62/461,028) 2017-02-20

[21] **3,052,212**
[13] A1
[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **PROBABILITY-BASED GUIDER**
[54] **DISPOSITIF DE GUIDAGE BASE SUR LA PROBABILITE**
[72] JOHANSEN, ALEXANDER ROSENBERG, US
[72] MCCANN, BRYAN, US
[72] BRADBURY, JAMES, US
[72] SOCHER, RICHARD, US
[71] SALESFORCE.COM, INC., US
[85] 2019-07-30
[86] 2018-03-14 (PCT/US2018/022504)
[87] (WO2018/170175)
[30] US (62/471,934) 2017-03-15
[30] US (15/853,530) 2017-12-22

[21] **3,052,271**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) C08K 5/01 (2006.01) C08K 5/09 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ALX RECEPTOR LIGANDS DEFINE A BIOCHEMICAL ENDOTYPE FOR INFLAMMATION-BASED DISEASES**
[54] **LIGANDS DE RECEPTEUR ALX DEFINISSANT UN ENDOTYPE BIOCHIMIQUE POUR DES MALADIES A BASE D'INFLAMMATION**
[72] LEVY, BRUCE, US
[72] SERHAN, CHARLES N., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2019-07-31
[86] 2018-01-25 (PCT/US2018/015287)
[87] (WO2018/144316)
[30] US (62/452,533) 2017-01-31

[21] **3,052,348**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 16/27 (2019.01)**
[25] EN
[54] **PARALLEL EXECUTION OF TRANSACTIONS IN A BLOCKCHAIN NETWORK**
[54] **EXECUTION DE TRANSACTIONS EN PARALLELE DANS UN RESEAU DE CHAINES DE BLOCS**
[72] XIA, NING, CN
[72] XIE, GUILU, CN
[72] DENG, FUXI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-08-01
[86] 2018-12-28 (PCT/CN2018/124814)
[87] (WO2019/072303)

[21] **3,052,383**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/744 (2015.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **LACTIC ACID BACTERIA, METHODS AND USES THEREOF**
[54] **BACTERIES LACTIQUES, PROCEDES ET UTILISATIONS ASSOCIES**
[72] ROOS, STEFAN, SE
[71] BIOGAIA AB, SE
[85] 2019-08-01
[86] 2018-03-27 (PCT/EP2018/057765)
[87] (WO2018/178072)
[30] SE (1750363-2) 2017-03-27

[21] **3,052,385**
[13] A1
[51] **Int.Cl. C09K 8/493 (2006.01) C04B 24/16 (2006.01) C04B 28/02 (2006.01)**
[25] FR
[54] **COMBINATION FOR FILTRATE CONTROL AND GAS MIGRATION**
[54] **ASSOCIATION POUR LE CONTROLE DU FILTRAT ET LA MIGRATION DE GAZ**
[72] CADIX, ARNAUD, FR
[71] RHODIA OPERATIONS, FR
[85] 2019-08-01
[86] 2018-03-30 (PCT/EP2018/058364)
[87] (WO2018/185037)
[30] FR (1752840) 2017-04-03

[21] **3,052,387**
[13] A1
[51] **Int.Cl. C07C 29/145 (2006.01) C07B 53/00 (2006.01) C07C 67/30 (2006.01) C07D 307/44 (2006.01) C07D 307/80 (2006.01) C07D 309/06 (2006.01) C07D 333/16 (2006.01) C07D 335/02 (2006.01) C07F 13/00 (2006.01) C07F 15/02 (2006.01)**
[25] EN
[54] **CHIRAL METAL COMPLEX COMPOUNDS**
[54] **COMPOSES COMPLEXES METALLIQUES CHIRAUX**
[72] BACHMANN, STEPHAN, CH
[72] BELLER, MATTHIAS, DE
[72] GARBE, MARCEL, DE
[72] JUNGE, KATHRIN, DE
[72] SCALONE, MICHELANGELO, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-08-01
[86] 2018-04-09 (PCT/EP2018/058949)
[87] (WO2018/189060)
[30] EP (17165855.2) 2017-04-11

[21] **3,052,390**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **A MEDICAMENT DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] ANDERSON, IAN, GB
[72] WILLOUGHBY, ALASTAIR, GB
[72] KOPPELMAN, RACHEL, GB
[71] CONSORT MEDICAL PLC, GB
[85] 2019-08-01
[86] 2018-01-22 (PCT/GB2018/050182)
[87] (WO2018/142106)
[30] GB (1701929.0) 2017-02-06

[21] **3,052,391**
[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHOD, APPARATUS AND COMPUTER PROGRAM**
[54] **PROCEDE DE TRAITEMENT D'IMAGE, APPAREIL ET PROGRAMME INFORMATIQUE**
[72] SOYEL, HAMIT, GB
[72] MCOWAN, PETER, GB
[71] QUEEN MARY UNIVERSITY OF LONDON, GB
[85] 2019-08-01
[86] 2018-01-29 (PCT/GB2018/050246)
[87] (WO2018/142110)
[30] GB (1701919.1) 2017-02-06

[21] **3,052,392**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01)**
[25] EN
[54] **IDENTIFYING HUMAN INTERACTION WITH A COMPUTER**
[54] **IDENTIFICATION D'INTERACTION HUMAINE AVEC UN ORDINATEUR**
[72] MARJORAM, DARRELL JOHN, GB
[71] SAGE (UK) LIMITED, GB
[85] 2019-08-01
[86] 2018-02-08 (PCT/GB2018/050360)
[87] (WO2018/146480)
[30] GB (1702082.7) 2017-02-08
[30] GB (1702081.9) 2017-02-08

[21] **3,052,393**
[13] A1
[51] **Int.Cl. E01D 19/16 (2006.01) D07B 1/14 (2006.01)**
[25] EN
[54] **A STRUCTURAL CABLE HAVING AN INNER HOUSING**
[54] **CABLE STRUCTUREL AYANT UN BOITIER INTERNE**
[72] FABRY, NICOLAS, FR
[72] GUESDON, MATTHIEU, FR
[72] SOLET, RONAN, FR
[72] ALPMAN, IHSAN AYDIN, TR
[72] GUZEL, MUSLUM, TR
[71] SOLETANCHE FREYSSINET, FR
[85] 2019-08-01
[86] 2017-02-03 (PCT/IB2017/000214)
[87] (WO2018/142174)

[21] **3,052,394**
[13] A1
[51] **Int.Cl. E21B 10/28 (2006.01) E21B 7/28 (2006.01)**
[25] EN
[54] **WELLBORE REAMING TOOL HAVING SHEAR CUTTERS AND GOUGING CUTTERS**
[54] **OUTIL D'ALESAGE DE PUITS DE FORAGE AYANT DES LAMES DE CISAILLEMENT ET DES LAMES D'ATTAQUE PAR LE MUR**
[72] HERMAN, JOHN, CA
[72] HOFFMASTER, CARL, US
[72] NEVLUD, KENNETH, US
[72] KELLEY, JASON, CA
[72] CAREY, SHON, CA
[71] SHEAR BITS, LTD., CA
[85] 2019-08-01
[86] 2018-02-02 (PCT/IB2018/050680)
[87] (WO2018/146586)
[30] US (62/456,796) 2017-02-09

[21] **3,052,395**
[13] A1
[51] **Int.Cl. B65B 3/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FILLING A CARTRIDGE FOR AN AEROSOL GENERATING DEVICE WITH A LIQUID**
[54] **PROCEDE ET SYSTEME DE REMPLISSAGE D'UNE CARTOUCHE D'UN DISPOSITIF DE GENERATION D'AEROSOL AVEC UN LIQUIDE**
[72] SERVENTI, FRANCO, IT
[72] SORRENTINO, CATELLO, IT
[72] MADERA, GIOVANNI, IT
[72] FEDERICI, LUCA, IT
[71] G.D SOCIETA PER AZIONI, IT
[85] 2019-08-01
[86] 2018-02-15 (PCT/IB2018/050942)
[87] (WO2018/150356)
[30] IT (102017000016823) 2017-02-15

[21] **3,052,396**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/30 (2016.01) A61B 5/06 (2006.01)**
[25] EN
[54] **MAGNIFIED HIGH RESOLUTION IMAGING AND TRACKING FOR MEDICAL USE**
[54] **IMAGES HAUTE RESOLUTION AGRANDIES ET SUIVI A USAGE MEDICAL**
[72] SCHNEIDER, RON, IL
[72] ZEITOUNY, ABRAHAM, IL
[71] ELBIT SYSTEMS LTD., IL
[85] 2019-08-01
[86] 2018-01-31 (PCT/IL2018/050107)
[87] (WO2018/142397)
[30] IL (250432) 2017-02-02

[21] **3,052,403**
[13] A1
[51] **Int.Cl. C05C 9/00 (2006.01) A01N 25/26 (2006.01) A61K 47/06 (2006.01) C05G 3/08 (2006.01)**
[25] EN
[54] **NOVEL TECHNOLOGY TO COAT FERTILIZER AND IMPROVE FERTILIZER EFFICIENCY AND THEIR ASSOCIATED METHODS**
[54] **NOUVELLE TECHNOLOGIE POUR ENROBER UN ENGRAIS ET AMELIORER L'EFFICACITE DE L'ENGRAIS ET PROCEDES ASSOCIES**
[72] MCKNIGHT, GARY DAVID, US
[72] RAYBORN, RANDALL LINWOOD, US
[72] BARBER, CHARLES JOSEPH, US
[72] XU, WEI, US
[71] MCKNIGHT, GARY DAVID, US
[71] RAYBORN, RANDALL LINWOOD, US
[71] BARBER, CHARLES JOSEPH, US
[71] XU, WEI, US
[85] 2019-01-02
[86] 2017-07-04 (PCT/US2017/040639)
[87] (WO2018/009493)
[30] US (62/358,116) 2016-07-04

[21] **3,052,437**
[13] A1
[51] **Int.Cl. C07H 15/06 (2006.01) C11D 1/66 (2006.01)**
[25] EN
[54] **DECOLORIZATION OF CONCENTRATED RHAMNOLIPID COMPOSITION**
[54] **DECOLORATION DE COMPOSITION CONCENTREE DE RHAMNOLIPIDES**
[72] LOHITHARN, NATTAPORN, US
[71] LOGOS TECHNOLOGIES, LLC, US
[85] 2019-08-01
[86] 2017-06-01 (PCT/US2017/035403)
[87] (WO2018/144053)
[30] US (62/455,562) 2017-02-06

[21] **3,052,447**
[13] A1
[51] **Int.Cl. B65D 71/42 (2006.01)**
[25] EN
[54] **CARTON AND BLANK THEREFOR**
[54] **CARTON ET DECOUPE ASSOCIEE**
[72] ZACHERLE, MATTHEW E., US
[72] BHARDWAJ, RAHUL, US
[72] KOOC, LINH L., US
[72] WALLING, BRADFORD J., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2019-08-01
[86] 2018-02-02 (PCT/US2018/016560)
[87] (WO2018/144797)
[30] US (62/454,106) 2017-02-03
[30] US (62/459,080) 2017-02-15
[30] US (62/473,974) 2017-03-20

[21] **3,052,450**
[13] A1
[51] **Int.Cl. A01K 43/00 (2006.01) G01N 33/08 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING PATHOGENS IN POULTRY HATCHERY OPERATIONS**
[54] **PROCEDE DE REDUCTION D'AGENTS PATHOGENES DANS DES OPERATIONS D'INCUBATION DE VOLAILLE**
[72] WILLIAMS, CHRISTOPHER JOHN, US
[71] ZOETIS SERVICES LLC, US
[85] 2019-08-01
[86] 2018-02-02 (PCT/US2018/016578)
[87] (WO2018/148115)
[30] US (62/455,761) 2017-02-07

[21] **3,052,453**
[13] A1
[51] **Int.Cl. B62B 3/14 (2006.01)**
[25] EN
[54] **BRACKET AND CASTER LIFT FOR SHOPPING CART**
[54] **SUPPORT ET DISPOSITIF DE LEVAGE DE ROULETTES POUR CHARIOT DE SUPERMARCHE**
[72] MCMURTREY, WESLEY, US
[71] UNARCO INDUSTRIES LLC, US
[85] 2019-08-01
[86] 2018-02-02 (PCT/US2018/016585)
[87] (WO2018/144812)
[30] US (15/424,220) 2017-02-03

[21] **3,052,455**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **ARTERIAL SYRINGE ASSEMBLY**
[54] **ENSEMBLE DE SERINGUE ARTERIELLE**
[72] VALENTINO, ANTHONY, US
[71] VYAIRE MEDICAL CONSUMABLES LLC, US
[85] 2019-08-01
[86] 2018-02-16 (PCT/US2018/000045)
[87] (WO2018/151831)
[30] US (62/460,664) 2017-02-17

[21] **3,052,465**
[13] A1
[51] **Int.Cl. C10G 75/02 (2006.01) C10G 75/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING HYDROGEN SULFIDE AND MICROBIAL INFLUENCED CORROSION IN CRUDE OIL, NATURAL GAS, AND IN ASSOCIATED EQUIPMENT**
[54] **COMPOSITIONS ET PROCEDES DE REDUCTION DU SULFURE D'HYDROGENE ET DE LA CORROSION INFLUENCEE PAR LES MICRO-ORGANISMES DANS LE PETROLE BRUT, LE GAZ NATUREL ET DANS LES EQUIPEMENTS ASSOCIES**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] KARATHUR, KARTHIK N., US
[72] NERRIS, ANTHONY, US
[72] SHUMWAY, MARTIN R., US
[72] CALLOW, NICHOLAS, US
[72] MCGONAGLE, RYAN, US
[72] KREAGER, DON, US
[72] CHEN, YAJIE, US
[71] LOCUS OIL IP COMPANY, LLC, US
[85] 2019-08-01
[86] 2018-02-08 (PCT/US2018/017408)
[87] (WO2018/148397)
[30] US (62/456,979) 2017-02-09
[30] US (62/463,864) 2017-02-27
[30] US (62/507,904) 2017-05-18
[30] US (62/528,731) 2017-07-05

[21] **3,052,476**
[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01) B60C 11/00 (2006.01) C08L 7/00 (2006.01)**
[25] EN
[54] **GUAYULE TIRE TREAD COMPOUND**
[54] **COMPOSE DE BANDE DE ROULEMENT DE PNEU EN GUAYULE**
[72] COLVIN, HOWARD, US
[72] WALTERS, ZACHARY, US
[71] COOPER TIRE & RUBBER COMPANY, US
[85] 2019-08-01
[86] 2018-02-13 (PCT/US2018/017999)
[87] (WO2018/148725)
[30] US (62/458,293) 2017-02-13

[21] **3,052,478**
[13] A1
[51] **Int.Cl. C08C 1/15 (2006.01) C08C 1/00 (2006.01) C08C 1/065 (2006.01) C08C 1/14 (2006.01) C08L 7/00 (2006.01) C08L 7/02 (2006.01)**
[25] EN
[54] **GUAYULE LATEX EXTRUSION**
[54] **EXTRUSION D'UN LATEX DE GUAYULE**
[72] SAUTY, NICOLAS, US
[72] SUNDAY, BRITTNEY, US
[72] COLVIN, HOWARD, US
[71] COOPER TIRE & RUBBER COMPANY, US
[85] 2019-08-01
[86] 2018-02-13 (PCT/US2018/018011)
[87] (WO2018/148731)
[30] US (62/458,300) 2017-02-13

[21] **3,052,479**
[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) C07D 223/04 (2006.01)**
[25] EN
[54] **7-MEMBERED AZA-HETEROCYCLIC CONTAINING DELTA-OPIOID RECEPTOR MODULATING COMPOUNDS, METHODS OF USING AND MAKING THE SAME**
[54] **COMPOSES MODULATEURS DU RECEPTEUR DES OPIOIDES DELTA CONTENANT DES HETEROCYCLES AZA A 7 CHAINONS, ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] CROMBIE SPEERSCHNEIDER, AIMEE, US
[72] YAMASHITA, DENNIS SHINJI, US
[72] PITIS, PHILIP MICHAEL, US
[72] HAWKINS, MICHAEL JOHN, US
[72] LIU, GUODONG, US
[72] MISKOWSKI DAUBERT, TAMARA ANN, US
[72] YUAN, CATHERINE C.K., US
[72] BORBO KARGBO, ROBERT, US
[72] HERR, ROBERT JASON, US
[72] ROMERO, DONNA, US
[71] TREVENA, INC., US
[85] 2019-08-01
[86] 2018-02-15 (PCT/US2018/018303)
[87] (WO2018/152286)
[30] US (62/460,386) 2017-02-17

[21] **3,052,482**
[13] A1
[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/158 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **NEEDLE INSERTION BY OVERPRESSURE**
[54] **INSERTION D'AIGUILLE PAR SURPRESSION**
[72] MCCULLOUGH, ADAM B., US
[71] AMGEN INC., US
[85] 2019-08-01
[86] 2018-02-20 (PCT/US2018/018687)
[87] (WO2018/164829)
[30] US (62/468,190) 2017-03-07

[21] **3,052,483**
[13] A1
[51] **Int.Cl. C30B 9/14 (2006.01) B82Y 40/00 (2011.01) C01B 32/15 (2017.01) C01B 32/158 (2017.01) C01B 32/16 (2017.01) C01B 32/182 (2017.01) C01B 32/184 (2017.01) C25B 1/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCTION OF DOPED CARBON NANOMATERIALS**
[54] **PROCEDES ET SYSTEMES DE PRODUCTION DE NANOMATERIAUX DE CARBONE DOPES**
[72] LICHT, STUART, US
[71] C2CNT LLC, US
[85] 2019-08-01
[86] 2018-02-21 (PCT/US2018/019035)
[87] (WO2018/156642)
[30] US (62/461,641) 2017-02-21

[21] **3,052,486**
[13] A1
[51] **Int.Cl. H03M 13/00 (2006.01)**
[25] EN
[54] **PARITY BIT CHANNEL ASSIGNMENT FOR POLAR CODING**
[54] **ATTRIBUTION DE CANAL DE BIT DE PARITE POUR CODAGE POLAIRE**
[72] LI, JIAN, US
[72] XU, CHANGLONG, US
[72] WEI, CHAO, US
[72] HOU, JILEI, US
[72] JIANG, JING, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-08-02
[86] 2017-03-23 (PCT/CN2017/077868)
[87] (WO2018/170834)

[21] **3,052,489**
[13] A1
[51] **Int.Cl. A61K 35/12 (2015.01) A61P 1/00 (2006.01)**
[25] EN
[54] **ECM HYDROGEL FOR TREATING ESOPHAGEAL INFLAMMATION**
[54] **HYDROGEL ECM POUR LE TRAITEMENT D'UNE INFLAMMATION DE L'OESOPHAGE**
[72] BADYLAK, STEPHEN FRANCIS, US
[72] NARANJO GUTIERREZ, JUAN DIEGO, CO
[72] SALDIN, LINDSEY TAMIKO, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2019-08-01
[86] 2018-03-02 (PCT/US2018/020758)
[87] (WO2018/161028)
[30] US (62/465,985) 2017-03-02

[21] **3,052,490**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MASSIVELY PARALLEL COMBINATORIAL ANALYSIS OF SINGLE CELLS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE COMBINATOIRE MASSIVEMENT PARALLELE DE CELLULES UNIQUES**
[72] JOHNSON, DAVID SCOTT, US
[72] ADLER, ADAM SHULTZ, US
[72] SPINDLER, MATTHEW JAMES, US
[72] MIZRAHI, RENA AVIVA, US
[71] GIGAGEN, INC., US
[85] 2019-08-01
[86] 2018-03-13 (PCT/US2018/022256)
[87] (WO2018/170013)
[30] US (62/470,836) 2017-03-13

[21] **3,052,512**
[13] A1
[51] **Int.Cl. E05B 9/08 (2006.01) E05B 1/00 (2006.01) E05B 1/04 (2006.01) E05B 9/04 (2006.01) E05B 47/00 (2006.01) E05B 49/00 (2006.01) E05B 55/00 (2006.01)**
[25] EN
[54] **DOOR LOCK AND HANDLE ASSEMBLY**
[54] **ENSEMBLE SERRURE ET POIGNEE DE PORTE**
[72] MORSTATT, SCOTT, US
[71] ASSA ABLOY RESIDENTIAL GROUP, INC., US
[85] 2019-08-01
[86] 2018-03-30 (PCT/US2018/025356)
[87] (WO2018/183814)
[30] US (62/479,739) 2017-03-31
[30] US (15/926,566) 2018-03-20

[21] **3,052,513**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR AIDING IN THE DIAGNOSIS AND DETERMINATION OF THE EXTENT OF TRAUMATIC BRAIN INJURY IN A HUMAN SUBJECT USING THE EARLY BIOMARKER UBIQUITIN CARBOXY-TERMINAL HYDROLASE L1**
[54] **METHODES D'AIDE AU DIAGNOSTIC ET A LA DETERMINATION DE L'ETENDUE D'UNE LESION CEREBRALE TRAUMATIQUE CHEZ UN SUJET HUMAIN A L'AIDE DU BIOMARQUEUR PRECOCE HYDROLASE CARBOXY-TERMINALE D'UBIQUITINE L1**
[72] MCQUISTON, BETH, US
[72] ROGERS, JUSTIN, US
[72] DATWYLER, SAUL, US
[72] MARINO, JAIME, US
[71] ABBOTT LABORATORIES, US
[85] 2019-08-01
[86] 2018-03-23 (PCT/US2018/024112)
[87] (WO2018/175942)
[30] US (62/475,662) 2017-03-23
[30] US (15/934,541) 2018-03-23

[21] **3,052,516**
[13] A1
[51] **Int.Cl. C07D 209/48 (2006.01) A61K 31/4035 (2006.01) A61K 31/4439 (2006.01) A61P 37/02 (2006.01) C07D 209/49 (2006.01) C07D 209/56 (2006.01) C07D 401/08 (2006.01)**
[25] EN
[54] **A NOVEL ISOINDOLINE DERIVATIVE, A PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **NOUVEAU DERIVE D'ISOINDOLINE, COMPOSITION PHARMACEUTIQUE ET APPLICATION DE CELUI-CI**
[72] LEE, WEN-CHERNG, CN
[72] LIAO, BAISONG, CN
[72] ZHANG, LEI, CN
[71] KANGPU BIOPHARMACEUTICALS, LTD., CN
[85] 2019-08-02
[86] 2018-02-27 (PCT/CN2018/077324)
[87] (WO2018/157779)
[30] CN (201710112364.2) 2017-02-28
[30] CN (201710725987.7) 2017-08-22

[21] **3,052,517**
[13] A1
[51] **Int.Cl. B01J 19/18 (2006.01) B01J 19/00 (2006.01) B01J 19/12 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **STIRRING DEVICE**
[54] **DISPOSITIF D'AGITATION**
[72] MULTNER, BENJAMNIN, DE
[72] BERNER, CHRISTIAN, DE
[72] KONIG, MARCO, DE
[71] EKATO RUHR- UND MISCHTECHNIK GMBH, DE
[85] 2019-08-02
[86] 2018-01-10 (PCT/EP2018/050546)
[87] (WO2018/141517)
[30] DE (10 2017 102 165.5) 2017-02-03

[21] **3,052,519**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A01N 43/653 (2006.01)**
[25] EN
[54] **TRIAZOLETHIONE DERIVATIVES**
[54] **DERIVES DE TRIAZOLETHIONE**
[72] GORTZ, ANDREAS, DE
[72] MEISSNER, RUTH, DE
[72] MILLER, RICARDA, FR
[72] NAUD, SEBASTIEN, FR
[72] BERNIER, DAVID, FR
[72] GENIX, PIERRE, FR
[72] BRUNET, STEPHANE, FR
[72] KENNEL, PHILIPPE, FR
[72] COQUERON, PIERRE-YVES, FR
[71] BAYER CROPSCIENCE AKTIENGELSELLSCHAFT, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2019-08-02
[86] 2018-01-29 (PCT/EP2018/052054)
[87] (WO2018/145933)
[30] EP (17155156.7) 2017-02-08

[21] **3,052,520**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MUTATED ARYLSULFATASE A**
[54] **ARYLSULFATASE A MUTEE**
[72] MATZNER, ULRICH, DE
[72] GIESELMANN, VOLKMAR, DE
[71] RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN, DE
[85] 2019-08-02
[86] 2018-02-05 (PCT/EP2018/052790)
[87] (WO2018/141958)
[30] EP (17154633.6) 2017-02-03

[21] **3,052,521**
[13] A1
[51] **Int.Cl. B01J 3/00 (2006.01) A62C 3/00 (2006.01) A62C 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR AVOIDING AND EXTINGUISHING A DEFLAGRATION IN MATERIALS CAPABLE OF DEFLAGRATION**
[54] **PROCEDE DE PREVENTION ET D'EXTINCTION DE TOUTE DEFLAGRATION DANS LE CAS DE MATIERES APTES A LA DEFLAGRATION**
[72] MORHENN, HEINRICH, DE
[72] POHL, UWE, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2019-08-02
[86] 2018-02-05 (PCT/EP2018/052795)
[87] (WO2018/146044)
[30] EP (17154966.0) 2017-02-07

[21] **3,052,523**
[13] A1
[51] **Int.Cl. C07K 14/555 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TARGETED CHIMERIC PROTEINS AND USES THEREOF**
[54] **PROTEINES CHIMERIQUES CIBLEES ET LEURS UTILISATIONS**
[72] KLEY, NIKOLAI, BE
[72] TAVERNIER, JAN, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZM, BE
[71] UNIVERSITEIT GENT, BE
[85] 2019-08-02
[86] 2018-02-05 (PCT/EP2018/052814)
[87] (WO2018/141964)
[30] US (62/454,993) 2017-02-06

[21] **3,052,526**
[13] A1
[51] **Int.Cl. G01N 23/223 (2006.01)**
[25] EN
[54] **SAMPLE HOLDER**
[54] **PORTE-ECHANTILLON**
[72] HANSSON, ALEXANDER, SE
[72] BERGQVIST, MIKAEL, SE
[71] OREXPLORE AB, SE
[85] 2019-08-02
[86] 2018-02-05 (PCT/EP2018/052820)
[87] (WO2018/141967)
[30] SE (1750098-4) 2017-02-06

[21] **3,052,528**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **ULTRA-LOW LATENCY TELECOMMUNICATIONS SYSTEM**
[54] **SYSTEME DE TELECOMMUNICATIONS A LATENCE ULTRA-FAIBLE**
[72] REED, JAIME, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
[85] 2019-08-02
[86] 2018-02-07 (PCT/EP2018/053109)
[87] (WO2018/146164)
[30] EP (17275016.8) 2017-02-10

[21] **3,052,529**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR THE DIAGNOSIS OF LUNG CANCER**
[54] **PROCEDE IN VITRO DE DIAGNOSTIC DU CANCER DU POUMON**
[72] AGORRETA ARRAZUBI, JACKELINE, ES
[72] AJONA MARTINEZ-POLO, DANIEL, ES
[72] MONTUENGA BADIA, LUIS, ES
[72] PAJARES VILLANDIEGO, MARIA JOSEFA, ES
[72] PIO OSES, RUBEN, ES
[71] FUNDACION PARA LA INVESTIGACION MEDICA APLICADA, ES
[71] ADVANCED MARKER DISCOVERY, S.L., ES
[85] 2019-08-02
[86] 2018-02-08 (PCT/EP2018/053234)
[87] (WO2018/146232)
[30] EP (17382054.9) 2017-02-08

[21] **3,052,530**
[13] A1
[51] **Int.Cl. C07C 5/333 (2006.01) C07C 5/48 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **GAS CLEAN-UP FOR ALKANE OXIDATIVE DEHYDROGENATION EFFLUENT**
[54] **NETTOYAGE DE GAZ POUR EFFLUENT DE DESHYDROGENATION OXYDATIVE D'ALCANES**
[72] MITKIDIS, GEORGIOS, NL
[72] VAN ROSSUM, GUUS, NL
[72] SAN ROMAN MACIA, MARIA, NL
[72] SCHOONEBEEK, RONALD JAN, NL
[72] VERHAAK, MICHAEL JOHANNES FRANCISCUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2019-08-02
[86] 2018-02-20 (PCT/EP2018/054084)
[87] (WO2018/153831)
[30] EP (17386008.1) 2017-02-22
[30] EP (17386007.3) 2017-02-22

[21] **3,052,531**
[13] A1
[51] **Int.Cl. B29C 44/32 (2006.01) B29C 44/30 (2006.01) F16L 59/14 (2006.01) B29D 23/00 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR PRODUCING SHAPED PROFILE SECTIONS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE SECTIONS DE PROFIL MISES EN FORME**
[72] RIPLEY, LYNNE, GB
[72] COPPOCK, VINCENT, GB
[72] GOGARTY, STEPHEN, GB
[72] OLIVER, DAVID, GB
[72] HOBBS, PETER, GB
[71] KINGSPAN HOLDINGS (IRL) LIMITED, IE
[85] 2019-08-02
[86] 2018-03-05 (PCT/EP2018/055295)
[87] (WO2018/158461)
[30] GB (1703466.1) 2017-03-03

[21] **3,052,532**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES SPECIFICALLY BINDING TO PD1 AND LAG3**
[54] **ANTICORPS BISPECIFIQUES SE LIANT PARTICULIEREMENT A PD1 ET LAG3**
[72] PERRO, MARIO, CH
[72] CODARRI DEAK, LAURA, DE
[72] IMHOF-JUNG, SABINE, DE
[72] KLEIN, CHRISTIAN, CH
[72] SEEBER, STEFAN, DE
[72] WEBER, PATRICK ALEXANDER AARON, CH
[72] FISCHER, JENS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-08-02
[86] 2018-04-03 (PCT/EP2018/058382)
[87] (WO2018/185043)
[30] EP (17165125.0) 2017-04-05

[21] **3,052,533**
[13] A1
[51] **Int.Cl. B42D 25/435 (2014.01) B42D 25/23 (2014.01) B42D 25/24 (2014.01) B42D 25/29 (2014.01) B42D 25/324 (2014.01) B42D 25/328 (2014.01) B42D 25/351 (2014.01) B42D 25/355 (2014.01) B42D 25/364 (2014.01) B42D 25/373 (2014.01) B42D 25/378 (2014.01) B42D 25/41 (2014.01) B42D 25/425 (2014.01) B42D 25/44 (2014.01)**
[25] EN
[54] **METHOD OF FORMING A SECURITY DEVICE**
[54] **PROCEDE DE FORMATION D'UN DISPOSITIF DE SECURITE**
[72] LOCKE, REBECCA, GB
[72] GODFREY, JOHN, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2019-08-02
[86] 2018-01-31 (PCT/GB2018/050280)
[87] (WO2018/142128)
[30] GB (1701796.3) 2017-02-03

[21] **3,052,534**
[13] A1
[51] **Int.Cl. B42D 25/425 (2014.01) B42D 25/23 (2014.01) B42D 25/24 (2014.01) B42D 25/29 (2014.01) B42D 25/324 (2014.01) B42D 25/328 (2014.01) B42D 25/351 (2014.01) B42D 25/355 (2014.01) B42D 25/364 (2014.01) B42D 25/373 (2014.01) B42D 25/378 (2014.01) B42D 25/435 (2014.01) B42D 25/455 (2014.01) B42D 25/46 (2014.01) B42D 25/475 (2014.01)**
[25] EN
[54] **METHOD OF FORMING A SECURITY SHEET SUBSTRATE**
[54] **PROCEDE DE FORMATION DE SUBSTRAT DE FEUILLE DE SECURITE**
[72] GODFREY, JOHN, GB
[72] LOCKE, REBECCA, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2019-08-02
[86] 2018-01-31 (PCT/GB2018/050281)
[87] (WO2018/142129)
[30] GB (1701798.9) 2017-02-03

[21] **3,052,535**
[13] A1
[51] **Int.Cl. A61K 31/40 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **RESCUE TREATMENT OF POST OPERATIVE NAUSEA AND VOMITING**
[54] **TRAITEMENT D'URGENCE CONTRE LA NAUSEE ET LE VOMISSEMENT POSTOPERATOIRES**
[72] GILBERT, JULIAN CLIVE, GB
[72] GRISTWOOD, ROBERT WILLIAM, GB
[72] FOX, GABRIEL, GB
[71] ACACIA PHARMA LTD, GB
[85] 2019-08-02
[86] 2018-02-09 (PCT/GB2018/050374)
[87] (WO2018/146490)
[30] GB (1702250.0) 2017-02-10

[21] **3,052,536**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/08 (2006.01) F04D 13/10 (2006.01) F04D 29/08 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **MODULAR LABYRINTH SEAL SYSTEM USABLE WITH ELECTRIC SUBMERSIBLE PUMPS**
[54] **SYSTEME D'ETANCHEITE A LABYRINTHE MODULAIRE POUVANT ETRE UTILISE AVEC DES POMPES ELECTRIQUES SUBMERSIBLES**
[72] MACIVER, IVOR, GB
[72] GREENFIELD, RICHARD, GB
[71] ZILIFT HOLDINGS LIMITED, GB
[85] 2019-08-02
[86] 2018-04-05 (PCT/GB2018/050915)
[87] (WO2018/185488)
[30] US (62/482,706) 2017-04-07

[21] **3,052,537**
[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CONNECTOR**
[54] **CONNECTEUR DE FIBRES OPTIQUES**
[72] LEESON, KIM, GB
[72] TREZISE, SHAUN, GB
[71] PPC BROADBAND FIBER LTD., GB
[85] 2019-08-02
[86] 2018-02-02 (PCT/IB2018/000138)
[87] (WO2018/142213)
[30] US (62/454,032) 2017-02-02

[21] **3,052,538**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **HUMANIZED ANTIBODY FOR TREATING OR PREVENTING COGNITIVE DISORDERS, PROCESS FOR PRODUCING THE SAME, AND AGENT FOR TREATING OR PREVENTING COGNITIVE DISORDERS USING THE SAME**
[54] **ANTICORPS HUMANISE POUR LE TRAITEMENT OU LA PREVENTION DE TROUBLES COGNITIFS, SON PROCEDE DE PRODUCTION ET AGENT POUR LE TRAITEMENT OU LA PREVENTION DE TROUBLES COGNITIFS L'UTILISANT**
[72] EGUCHI, HIROSHI, JP
[72] MURAKAMI, TAKASHI, JP
[72] NAMIKI, NAOKO, JP
[72] TANOKURA, AKIRA, JP
[72] BAKER, JEANNE E., US
[72] PARMENTIER BATTEUR, SOPHIE, US
[72] JABLONSKI, ANGELA MARIE, US
[72] MALASHOCK, DANIEL STEPHEN, US
[72] MIECZKOWSKI, CARL, US
[72] RAGHUNATHAN, GOPALAN (RAGHU), US
[71] TEIJIN PHARMA LIMITED, JP
[71] MERCK SHARP & DOHME CORP., US
[85] 2019-08-02
[86] 2018-02-27 (PCT/IB2018/000249)
[87] (WO2018/154390)
[30] JP (JP 2017-035594) 2017-02-27

[21] **3,052,539**
[13] A1
[51] **Int.Cl. C12P 21/00 (2006.01) A61K 47/64 (2017.01) A61K 47/68 (2017.01) C07K 1/107 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **LARGE SCALE PRODUCTION PROCESS FOR CAPPED AND UN-CAPPED ANTIBODY CYSTEINES AND THEIR USE IN THERAPEUTIC PROTEIN CONJUGATION**
[54] **PROCEDE DE PRODUCTION A GRANDE ECHELLE DESTINE A DES CYSTEINES D'ANTICORPS COIFFEES ET NON COIFFEES ET LEUR UTILISATION DANS LA CONJUGAISON DE PROTEINES THERAPEUTIQUES**
[72] DUTTA, KAUSHIK, US
[72] GOMES, JOSE MANUEL, US
[72] KOTCH, FRANK W., US
[72] PATEL, VIMALKUMAR B., US
[72] PRASHAD, AMARNAUTH SHASTRIE, US
[72] PROCOPIO-MELINO, RENEE L., US
[72] ZHONG, XIAOTIAN, US
[71] PFIZER INC., US
[85] 2019-08-02
[86] 2018-02-01 (PCT/IB2018/050638)
[87] (WO2018/146585)
[30] US (62/456,293) 2017-02-08
[30] US (62/532,262) 2017-07-13
[30] US (62/618,169) 2018-01-17

[21] **3,052,540**
[13] A1
[51] **Int.Cl. B01D 53/22 (2006.01) B01D 71/64 (2006.01) C08G 73/10 (2006.01) C08L 79/08 (2006.01)**
[25] EN
[54] **POLYIMIDE BLENDS, METHODS OF MAKING EACH AND METHODS OF USE**
[54] **MELANGES DE POLYIMIDES, PROCEDES DE PREPARATION DE CHACUN DE CES MELANGES ET PROCEDES D'UTILISATION**
[72] PINNAU, INGO, SA
[72] ALASLAI, NASSER, SA
[72] MA, XIAOHUA, SA
[72] WANG, YINGGE, SA
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[85] 2019-08-02
[86] 2018-02-06 (PCT/IB2018/050737)
[87] (WO2018/142375)
[30] US (62/454,950) 2017-02-06

[21] **3,052,541**
[13] A1
[51] **Int.Cl. B42D 25/435 (2014.01) B42D 25/23 (2014.01) B42D 25/24 (2014.01) B42D 25/29 (2014.01) B42D 25/324 (2014.01) B42D 25/328 (2014.01) B42D 25/351 (2014.01) B42D 25/355 (2014.01) B42D 25/364 (2014.01) B42D 25/373 (2014.01) B42D 25/378 (2014.01) B42D 25/41 (2014.01) B42D 25/425 (2014.01) B42D 25/44 (2014.01)**
[25] EN
[54] **METHOD OF FORMING A SECURITY DOCUMENT**
[54] **PROCEDE DE FORMATION D'UN DOCUMENT DE SECURITE**
[72] GODFREY, JOHN, GB
[72] LOCKE, REBECCA, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2019-08-02
[86] 2018-01-31 (PCT/GB2018/050279)
[87] (WO2018/142127)
[30] GB (1701795.5) 2017-02-03

[21] **3,052,542**
[13] A1
[51] **Int.Cl. E21D 11/10 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **FORMWORK FOR PRODUCING CONCRETE PRODUCTS**
[54] **COFFRAGE DESTINE A LA FABRICATION DE PRODUITS EN BETON**
[72] MANCINI, MICHELE, IT
[72] ROBERTO, ROBERTO, IT
[71] SOINTEK S.R.L., IT
[85] 2019-08-02
[86] 2018-02-15 (PCT/IB2018/050917)
[87] (WO2018/150343)
[30] IT (102017000017631) 2017-02-16

[21] **3,052,543**
[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 45/06 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **DOSE AND REGIMEN FOR AN HDM2-P53 INTERACTION INHIBITOR IN HEMATOLOGICAL TUMORS**
[54] **DOSE ET REGIME POSOLOGIQUE POUR UN INHIBITEUR D'INTERACTION HDM2-P53 DANS DES TUMEURS HEMATOLOGIQUES**
[72] FERRETTI, STEPHANE, CH
[72] GUERREIRO, NELSON, CH
[72] JEAY, SEBASTIEN, CH
[72] JULLION, ASTRID, CH
[72] MEILLE, CHRISTOPHE, CH
[72] WUERTHNER, JENS, CH
[71] NOVARTIS AG, CH
[85] 2019-08-02
[86] 2018-03-29 (PCT/IB2018/052187)
[87] (WO2018/178925)
[30] US (62/479,397) 2017-03-31

[21] **3,052,544**
[13] A1
[51] **Int.Cl. F41G 1/00 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **FIREARM AND/OR FIREARM SIGHT CALIBRATION AND/OR ZEROING**
[54] **ARME A FEU ET/OU ETALONNAGE ET/OU REMISE A ZERO DE LA VISEE D'UNE ARME A FEU**
[72] TINICHIGIU, TAL, IL
[72] AVMAN, OREN, IL
[72] WILF, ITZHAK, IL
[71] DOUBLE SHOOT LTD., IL
[85] 2019-08-02
[86] 2018-03-27 (PCT/IL2018/050355)
[87] (WO2018/178981)
[30] IL (251490) 2017-03-30

[21] **3,052,545**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **USE OF SERUM 2-CYSTEINE PEROXIREDOXINS (2-CYS-PRDX) AS BIOMARKERS OF CHRONIC KIDNEY DISEASES**
[54] **UTILISATION DE PEROXYREDOXINES 2-CYSTEINE (2-CYS-PRDX) SERIQUES EN TANT QUE BIOMARQUEURS DE MALADIES RENALES CHRONIQUES**
[72] MUCHA, KRZYSZTOF, PL
[72] ZAGOZDZON, RADOSLAW, PL
[72] FORONCEWICZ, BARTOSZ, PL
[72] PACZEK, LESZEK, PL
[72] KRATA, NATALIA, PL
[72] GALA, KAMILA, PL
[71] WARSZAWSKI UNIWERSYTET MEDYCZNY, PL
[85] 2019-08-02
[86] 2018-02-05 (PCT/EP2018/052837)
[87] (WO2018/141975)
[30] EP (17461508.8) 2017-02-04

[21] **3,052,546**
[13] A1
[51] **Int.Cl. F16M 11/04 (2006.01) F16M 11/16 (2006.01) F16M 11/22 (2006.01) F16M 13/02 (2006.01) G09F 7/18 (2006.01)**
[25] EN
[54] **MOUNTS**
[54] **FIXATIONS**
[72] VINTON, ROGER ALAN, GB
[72] MCARDELL, ROGER NICHOLAS, GB
[71] VINTON, ROGER ALAN, GB
[71] MCARDELL, ROGER NICHOLAS, GB
[85] 2019-08-02
[86] 2018-02-05 (PCT/EP2018/052828)
[87] (WO2018/141971)
[30] GB (1701947.2) 2017-02-06

[21] **3,052,548**
[13] A1
[51] **Int.Cl. F42B 12/48 (2006.01) F42B 27/00 (2006.01)**
[25] EN
[54] **HAND GRENADE FOR PRODUCING SMOKE**
[54] **GRENADE A MAIN SERVANT A PRODUIRE DE LA FUMEE**
[72] MOHRMANN, HOLGER, DE
[72] SCHUTZENDUBEL, WOLFGANG, DE
[72] ZIMMERMANN, CHRISTOPHER, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2019-08-01
[86] 2018-05-03 (PCT/EP2018/061386)
[87] (WO2018/202795)
[30] DE (10 2017 109 617.5) 2017-05-04

[21] **3,052,560**
[13] A1
[51] **Int.Cl. F42B 12/40 (2006.01)**
[25] EN
[54] **AN AMMUNITION DEVICE**
[54] **DISPOSITIF DE MUNITION**
[72] COOPER, DAVID KENNETH, GB
[71] IFTF HOLDING LTD, GB
[85] 2019-07-31
[86] 2017-02-03 (PCT/EP2017/052460)
[87] (WO2017/134271)
[30] GB (1601980.4) 2016-02-04

[21] **3,052,564**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) C07C 39/23 (2006.01) C07D 311/80 (2006.01)**
[25] EN
[54] **FLASH-MELT CANNABINOID FORMULATIONS**
[54] **FORMULATIONS DE CANNABINOIDES OBTENUES PAR FUSION-ECLAIR**
[72] RENWICK, JEFF, CA
[72] LAXMINARAYA, JOSHI, CA
[71] CANNTAB THERAPEUTICS LIMITED, CA
[85] 2019-07-31
[86] 2018-02-01 (PCT/CA2018/000021)
[87] (WO2018/141050)
[30] US (62/454,830) 2017-02-05

[21] **3,052,575**
[13] A1
[51] **Int.Cl. C01B 3/06 (2006.01) H01M 8/04701 (2016.01) H01M 8/04746 (2016.01) H01M 8/06 (2016.01)**
[25] EN
[54] **HYDROGEN GAS GENERATING SYSTEM AND METHOD WITH BUFFER TANK**
[54] **SYSTEME ET METHODE DE GENERATION DE GAZ HYDROGENE AVEC RESERVOIR TAMPON**
[72] YEE, YOKE KEEN, MY
[72] NG, ALBERT KOK FOO, MY
[72] CHIA, CHIN YANG, MY
[71] GALAXY FCT SDN. BHD., MY
[85] 2019-08-02
[86] 2017-06-28 (PCT/MY2017/050033)
[87] (WO2018/143791)
[30] MY (PCT/MY2017/050007) 2017-02-03

[21] **3,052,592**
[13] A1
[51] **Int.Cl. F21V 21/005 (2006.01)**
[25] EN
[54] **MOUNTING DEVICE AND PACKAGING SYSTEM FOR LIGHTING PRODUCT**
[54] **DISPOSITIF DE MONTAGE ET SYSTEME DE CONDITIONNEMENT DE PRODUIT D'ECLAIRAGE**
[72] MOORE, SCOTT DAVID, US
[71] MOORE, SCOTT DAVID, US
[85] 2019-08-02
[86] 2018-01-31 (PCT/US2018/016283)
[87] (WO2018/144629)
[30] US (62/452,640) 2017-01-31

[21] **3,052,595**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 15/14 (2006.01) G01N 33/532 (2006.01) G01N 33/543 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **DRIED DYE REAGENT DEVICES AND METHODS FOR MAKING AND USING THE SAME**
[54] **DISPOSITIFS REACTIFS POUR DU COLORANT SECHE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] INOKUMA, MARGARET, US
[72] SHAH, HEMA, US
[72] SEHGAL, RACHNA, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-08-02
[86] 2018-02-01 (PCT/US2018/016507)
[87] (WO2018/148098)
[30] US (62/456,557) 2017-02-08

[21] **3,052,619**
[13] A1
[51] **Int.Cl. C07C 1/04 (2006.01) C07C 9/02 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR IMPROVING THE ACTIVITY OF HYBRID CATALYSTS FOR FISCHER-TROPSCH REACTIONS**
[54] **PROCEDES POUR AMELIORER L'ACTIVITE DE CATALYSEURS HYBRIDES POUR DES REACTIONS DE FISCHER-TROPSCH**
[72] NIESKENS, DAVY L.S., NL
[72] SANDIKCI, AYSEGUL CIFTCI, NL
[72] GROENENDIJK, PETER E., NL
[72] MALEK, ANDRZEJ, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-08-02
[86] 2018-02-02 (PCT/US2018/016617)
[87] (WO2018/144840)
[30] US (62/454,954) 2017-02-06

[21] **3,052,621**
[13] A1
[51] **Int.Cl. C07K 14/285 (2006.01) A61K 47/50 (2017.01) A61K 39/02 (2006.01) A61K 39/116 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) C07K 17/10 (2006.01)**
[25] EN
[54] **HAEMOPHILUS INFLUENZAE SACCHARIDE-CARRIER CONJUGATE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE CONJUGUE SACCHARIDE D'HAEMOPHILUS INFLUENZAE-EXCIPIENT ET LEURS UTILISATIONS**
[72] FORREST, BRUCE D., US
[71] SCHADECK, EVA BARBARA, US
[85] 2019-08-02
[86] 2018-02-02 (PCT/US2018/016563)
[87] (WO2018/144799)
[30] US (62/454,598) 2017-02-03

[21] **3,052,622**
[13] A1
[51] **Int.Cl. A61K 38/57 (2006.01) C12N 5/07 (2010.01) C12N 5/071 (2010.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS FOR MANIPULATING CELL FATE**
[54] **METHODES DE MANIPULATION DE DESTINEE CELLULAIRE**
[72] KIM, KWANG-SOO, US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2019-08-02
[86] 2018-02-02 (PCT/US2018/016644)
[87] (WO2018/144864)
[30] US (62/454,254) 2017-02-03

[21] **3,052,624**
[13] A1
[51] **Int.Cl. A01N 25/28 (2006.01) B01D 3/00 (2006.01)**
[25] EN
[54] **CHEMICAL FORMULATION AND METHOD OF FOULING CONTROL USING SAME**
[54] **FORMULATION CHIMIQUE ET PROCEDE DE COMMANDE DE L'ENCRASSEMENT L'UTILISANT**
[72] JAQUESS, PERCY, US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2019-08-02
[86] 2018-02-05 (PCT/US2018/016786)
[87] (WO2018/148129)
[30] US (62/456,134) 2017-02-08

[21] **3,052,625**
[13] A1
[51] **Int.Cl. A61K 38/43 (2006.01) A61K 38/18 (2006.01) A61K 38/19 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) C07K 14/52 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING HEART FAILURE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE**
[72] LI, GANG, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE, US
[71] ACCELERON PHARMA INC., US
[85] 2019-08-02
[86] 2018-02-05 (PCT/US2018/016794)
[87] (WO2018/144968)
[30] US (62/455,266) 2017-02-06

[21] **3,052,626**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/20 (2016.01)**
[25] EN
[54] **CHARACTERIZING BEHAVIOR OF ANATOMICAL STRUCTURES**
[54] **CARACTERISATION DU COMPORTEMENT DE STRUCTURES ANATOMIQUES**
[72] WEST, KARL, US
[72] GOEL, VIKASH, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2019-08-02
[86] 2018-02-05 (PCT/US2018/016796)
[87] (WO2018/144969)
[30] US (62/455,140) 2017-02-06

[21] **3,052,628**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **FIBER OPTIC INTERIOR DISTRIBUTION CABINETS**
[54] **ARMOIRES DE DISTRIBUTION INTERIEURES DE FIBRES OPTIQUES**
[72] EBRAHIMI, VAHID, US
[72] BALL, SHIRLEY, US
[72] MILLER, WILLIAM, US
[72] LAFERRE, KELLY, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2019-08-02
[86] 2018-02-05 (PCT/US2018/016808)
[87] (WO2018/144977)
[30] US (62/455,252) 2017-02-06
[30] US (15/498,654) 2017-04-27

[21] **3,052,629**
[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR INTEGRATED TISSUE SAMPLING AND TISSUE MARKER PLACEMENT**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR UN ECHANTILLONNAGE DE TISSU INTEGRE ET UN PLACEMENT DE MARQUEUR DE TISSU**
[72] SUBEDI, SHREE K., US
[71] DEVICE AND DESIGN, LLC, US
[85] 2019-08-02
[86] 2018-02-05 (PCT/US2018/016888)
[87] (WO2018/145018)
[30] US (62/454,955) 2017-02-06
[30] US (15/888,527) 2018-02-05

[21] **3,052,630**
[13] A1
[51] **Int.Cl. C07C 253/30 (2006.01) C07C 259/18 (2006.01) C07C 303/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR KELOIDLESS HEALING**
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LES CICATRICES CHELOIDES**
[72] AOKI, MASAYO, JP
[72] TAKABE, KAZUAKI, US
[71] HEALTH RESEARCH, INC., US
[71] AOKI, MASAYO, JP
[85] 2019-08-02
[86] 2018-02-02 (PCT/US2018/016564)
[87] (WO2018/144800)
[30] US (62/453,845) 2017-02-02

[21] **3,052,631**
[13] A1
[51] **Int.Cl. G02B 5/08 (2006.01) A61F 9/008 (2006.01) H01S 3/00 (2006.01)**
[25] EN
[54] **DISPERSION CONTROL USING CHIRPED MIRRORS IN FEMTOSECOND LASER SYSTEM FOR OPHTHALMIC APPLICATION**
[54] **COMMANDE DE DISPERSION UTILISANT DES MIROIRS CHIRPES DANS UN SYSTEME LASER FEMTOSECONDE POUR UNE APPLICATION OPHTALMIQUE**
[72] WITOWSKI, ZENON, US
[72] RAHAMAN, MOHAMMAD SAIDUR, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2019-08-02
[86] 2018-02-05 (PCT/US2018/016922)
[87] (WO2018/145038)
[30] US (62/455,459) 2017-02-06

[21] **3,052,632**
[13] A1
[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **AQUEOUS SYSTEM FOR FORMING A COATING ON A SUBSTRATE**
[54] **SYSTEME AQUEUX SERVANT A FORMER UN REVETEMENT SUR UN SUBSTRAT**
[72] KUMAR, RAJESH, US
[72] LEBEDINKSI, NIKOLAY, US
[72] GRANDHEE, SUNITHA, US
[71] BASF SE, DE
[85] 2019-08-02
[86] 2018-02-06 (PCT/US2018/016999)
[87] (WO2018/145066)
[30] US (62/455,106) 2017-02-06

[21] **3,052,633**
[13] A1
[51] **Int.Cl. F24C 14/00 (2006.01) F24C 15/02 (2006.01) F24C 15/16 (2006.01)**
[25] EN
[54] **ROTISSERIE OVEN WITH IMPROVED TRAP SYSTEM**
[54] **ROTISSOIRE-FOUR DOTE D'UN SYSTEME DE PIEGE AMELIORE**
[72] CUKJATI, DEBORAH, US
[72] STOLLENWERK, THOMAS, US
[72] DEMARAIS, NICHOLAS, US
[72] BUFORD, JEREMY, US
[72] KLUMP, LESLIE, US
[72] DIDUR, JOSHUA, US
[72] KULAKOWSKI, JOSEPH, US
[72] WHALEN, THOMAS, US
[72] TISCHENDORF, ANDY, US
[71] ALTO-SHAAM, INC., US
[85] 2019-08-02
[86] 2018-02-06 (PCT/US2018/017015)
[87] (WO2018/148188)
[30] US (62/455,891) 2017-02-07

[21] **3,052,634**
[13] A1
[51] **Int.Cl. H05B 1/02 (2006.01) H05B 6/06 (2006.01)**
[25] EN
[54] **COOK TOP ASSEMBLY HAVING A MONITORING SYSTEM AND METHOD OF MONITORING A COOKING PROCESS**
[54] **ENSEMBLE TABLE DE CUISSON DOTE D'UN SYSTEME DE SURVEILLANCE ET PROCEDE DE SURVEILLANCE D'UN PROCESSUS DE CUISSON**
[72] LAMBERT, NATHANIEL A., US
[72] CYR, STEVEN J., US
[72] FECTEAU, MICHAEL T., US
[71] PITCO FRIALATOR, INC., US
[85] 2019-08-02
[86] 2018-02-06 (PCT/US2018/017066)
[87] (WO2018/145088)
[30] US (62/455,330) 2017-02-06

[21] **3,052,635**
[13] A1
[51] **Int.Cl. C12N 9/88 (2006.01) C12N 1/16 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **ENGINEERED BIOSYNTHETIC PATHWAYS FOR PRODUCTION OF TYRAMINE BY FERMENTATION**
[54] **VOIES DE BIOSYNTHESE MODIFIEES POUR LA PRODUCTION DE TYRAMINE PAR FERMENTATION**
[72] SIDDIQUI, MICHAEL S., US
[72] DE KOK, STEFAN, US
[72] SHEARER, ALEXANDER, US
[72] LU, FRANKLIN, US
[72] TRACEWELL, CARA, US
[72] EDGAR, STEVEN, US
[71] ZYMERGEN INC., US
[85] 2019-08-02
[86] 2018-02-06 (PCT/US2018/017127)
[87] (WO2018/203947)
[30] US (62/455,428) 2017-02-06

[21] **3,052,636**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6876 (2018.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12N 15/12 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **S100S AND ISOFORMS FOR DETECTION OF NEUROLOGICAL CONDITIONS**
[54] **S100BETA ET SES ISOFORMES POUR LA DETECTION D'AFFECTIONS NEUROLOGIQUES**
[72] LARNER, STEPHEN F., US
[71] BIOREGENCY, INC., US
[85] 2019-08-02
[86] 2018-02-07 (PCT/US2018/017244)
[87] (WO2018/148294)
[30] US (62/455,787) 2017-02-07

[21] **3,052,637**
[13] A1
[51] **Int.Cl. A61B 17/322 (2006.01) A61B 17/54 (2006.01) B26B 21/00 (2006.01) B26B 21/08 (2006.01) B26B 21/40 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **BLADE GRIP ASSEMBLY**
[54] **ENSEMBLE PREHENSION DE LAME**
[72] WONDERLEY, JEFFREY W., US
[71] ACCUTEC BLADES, INC., US
[85] 2019-08-02
[86] 2018-02-07 (PCT/US2018/017298)
[87] (WO2018/148335)
[30] US (62/456,061) 2017-02-07

[21] **3,052,638**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/28 (2006.01) G06N 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC SEMANTIC TOKEN TAGGING**
[54] **SYSTEMES ET PROCEDES DE MARQUAGE DE JETON SEMANTIQUE AUTOMATIQUE**
[72] SCHILDER, FRANK, US
[72] SONG, DEZHAO, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2019-08-02
[86] 2018-02-06 (PCT/US2018/017083)
[87] (WO2018/145098)
[30] US (62/455,082) 2017-02-06

[21] **3,052,639**
[13] A1
[51] **Int.Cl. C07K 14/64 (2006.01) A61K 38/22 (2006.01)**
[25] EN
[54] **MODIFIED RELAXIN POLYPEPTIDES COMPRISING A PHARMACOKINETIC ENHANCER AND USES THEREOF**
[54] **POLYPEPTIDES DE RELAXINE MODIFIES COMPRENANT UN ACTIVATEUR PHARMACOCINETIQUE ET LEURS UTILISATIONS**
[72] DUBOWCHIK, GENE M., US
[72] GUDMUNDSSON, OLAFUR S., US
[72] HAN, XIAOJUN, US
[72] LAWRENCE, MICHAEL R., US
[72] LIPOVSEK, DASA, US
[72] MADSEN, CORT S., US
[72] MAPELLI, CLAUDIO, US
[72] MORIN, PAUL E., US
[72] MYERS, MICHAEL C., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2019-08-02
[86] 2018-02-08 (PCT/US2018/017436)
[87] (WO2018/148419)
[30] US (62/456,161) 2017-02-08
[30] US (62/627,411) 2018-02-07

[21] **3,052,640**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **BUILDING LOCKDOWN SYSTEM**
[54] **SYSTEME DE VERROUILLAGE DE BATIMENT**
[72] THIEL, JOSEPH A., US
[72] COUTURIER, ROBERT, US
[71] THE LOCKOUT CO., LLC, US
[85] 2019-08-02
[86] 2018-02-08 (PCT/US2018/017439)
[87] (WO2018/148420)
[30] US (62/456,179) 2017-02-08
[30] US (62/531,649) 2017-07-12

[21] **3,052,642**
[13] A1
[51] **Int.Cl. A63G 31/16 (2006.01) A63G 31/02 (2006.01)**
[25] EN
[54] **MOTION GENERATING PLATFORM ASSEMBLY**
[54] **ENSEMBLE PLATE-FORME DE GENERATION DE MOUVEMENT**
[72] BLUM, STEVEN C., US
[72] KING, STEVEN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-08-02
[86] 2018-02-08 (PCT/US2018/017459)
[87] (WO2018/148436)
[30] US (62/456,506) 2017-02-08

[21] **3,052,644**
[13] A1
[51] **Int.Cl. C03C 17/00 (2006.01) B32B 17/00 (2006.01) C03C 17/23 (2006.01) E06B 3/66 (2006.01) G02F 1/1333 (2006.01)**
[25] EN
[54] **FILM-TO-GLASS SWITCHABLE GLAZING**
[54] **VITRAGE COMMUTABLE FILM-VERRE**
[72] DEMIGLIO, ANDREW, US
[72] BJERGAARD, ERIC, US
[72] ATKURI, HARI, US
[72] SCHLEDER, NICHOLAS, US
[71] CARDINAL IG COMPANY, US
[85] 2019-08-02
[86] 2018-02-08 (PCT/US2018/017471)
[87] (WO2018/148446)
[30] US (62/456,286) 2017-02-08

[21] **3,052,649**
[13] A1
[51] **Int.Cl. C10L 1/04 (2006.01) C10G 45/04 (2006.01) C10L 1/183 (2006.01) F23C 13/08 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR REDUCING ENVIRONMENTAL CONTAMINATES IN HEAVY MARINE FUEL OIL**
[54] **PROCEDE ET DISPOSITIF DE REDUCTION DES CONTAMINANTS ENVIRONNEMENTAUX DANS UNE HUILE COMBUSTIBLE MARINE LOURDE**
[72] KLUSSMAN, BERTRAND R., US
[72] MOORE, MICHAEL J., US
[71] MAGEMA TECHNOLOGY, LLC, US
[85] 2019-08-02
[86] 2018-02-12 (PCT/US2018/017855)
[87] (WO2018/148675)
[30] US (62/458,002) 2017-02-12
[30] US (62/589,479) 2017-11-21

[21] **3,052,651**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 33/12 (2006.01) E21B 47/06 (2012.01) E21B 49/08 (2006.01)**
[25] EN
[54] **DETERMINING DOWNHOLE PROPERTIES WITH SENSOR ARRAY**
[54] **DETERMINATION DE PROPRIETES DE FOND DE TROU AVEC UN RESEAU DE CAPTEURS**
[72] FRIPP, MICHAEL LINLEY, US
[72] FROSELL, THOMAS JULES, US
[72] BALASUBRAMANIAN, ASWIN, US
[72] HOLDERMAN, LUKE WILLIAM, US
[72] MARCUCCIO, SUZI MARIE, US
[72] BHAT, GIREESH, US
[72] BROWN, CLINT ADAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-08-02
[86] 2018-02-12 (PCT/US2018/017874)
[87] (WO2018/160347)
[30] US (62/467,013) 2017-03-03
[30] US (62/467,019) 2017-03-03
[30] US (62/467,029) 2017-03-03
[30] US (62/467,026) 2017-03-03

[21] **3,052,652**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANTI-PD-L1 ANTIBODY TREATMENT OF BLADDER CANCER**
[54] **TRAITEMENT PAR ANTICORPS ANTI-PD-L1 DU CANCER DE LA VESSIE**
[72] KURLAND, JOHN, US
[72] BLAKE-HASKINS, JOHN ANDREW, US
[72] ZAJAC, MAGDALENA, GB
[72] REBELATTO, MARLON, US
[72] GUPTA, ASHOK, US
[72] HO, TONY, US
[72] WALKER, JILL, GB
[72] JIN, XIAOPING, US
[72] MORRIS, SHANNON, US
[72] IANNONE, ROBERT, US
[72] SHI, LI, US
[72] DAR, MOHAMMED, US
[72] BEN, YONG, US
[71] MEDIMMUNE, LLC, US
[85] 2019-08-02
[86] 2018-02-16 (PCT/US2018/018513)
[87] (WO2018/152415)
[30] US (62/459,700) 2017-02-16

[21] **3,052,653**
[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 34/20 (2016.01) A61B 17/16 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **SURGICAL VIEWING SYSTEM**
[54] **SYSTEME DE VISUALISATION CHIRURGICALE**
[72] RICH, DAVID B., US
[71] RICH, DAVID B., US
[85] 2019-08-02
[86] 2018-02-22 (PCT/US2018/019115)
[87] (WO2018/156692)
[30] US (15/441,759) 2017-02-24
[30] US (15/445,215) 2017-02-28

[21] **3,052,654**
[13] A1
[51] **Int.Cl. A61G 13/10 (2006.01) A61G 7/10 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPORTING AND STABILIZING A PATIENT DURING HIP DISTRACTION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SUPPORTER ET DE STABILISER UN PATIENT PENDANT UNE HYPER-EXTENSION DE LA HANCHE**
[72] KAISER, WILLIAM, US
[72] FLOM, JAMES, US
[72] SMITH, CONRAD, US
[71] STRYKER CORP., US
[85] 2019-08-02
[86] 2018-02-06 (PCT/US2018/017088)
[87] (WO2018/145102)
[30] US (62/455,143) 2017-02-06
[30] US (62/546,600) 2017-08-17

[21] **3,052,657**
[13] A1
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/845 (2011.01) H04N 19/124 (2014.01) H04N 19/147 (2014.01) H04N 19/154 (2014.01) H04N 19/179 (2014.01) H04N 19/192 (2014.01) H04N 19/59 (2014.01)**
[25] EN
[54] **ITERATIVE TECHNIQUES FOR ENCODING VIDEO CONTENT**
[54] **TECHNIQUES ITERATIVES DE CODAGE DE CONTENU VIDEO**
[72] KATSAVOUNIDIS, IOANNIS, US
[71] NETFLIX, INC., US
[85] 2019-08-02
[86] 2018-02-23 (PCT/US2018/019576)
[87] (WO2018/156997)
[30] US (62/462,873) 2017-02-23
[30] US (62/534,170) 2017-07-18
[30] US (62/550,517) 2017-08-25
[30] US (15/902,976) 2018-02-22

[21] **3,052,667**
[13] A1
[51] **Int.Cl. A47J 27/04 (2006.01) A47J 27/08 (2006.01) A47J 27/62 (2006.01)**
[25] FR
[54] **COOKING METHOD WITH PREDICTIVE MODEL**
[54] **PROCEDE DE CUISSON AVEC MODELE PREDICTIF**
[72] GOYON, ANNABELLE, FR
[71] SEB S.A., FR
[85] 2019-08-01
[86] 2018-02-02 (PCT/FR2018/050271)
[87] (WO2018/142088)
[30] FR (1750951) 2017-02-03

[21] **3,052,668**
[13] A1
[51] **Int.Cl. A61K 31/56 (2006.01) A61K 31/497 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **CONCOMITANT ADMINISTRATION OF GLUCOCORTICOID RECEPTOR MODULATORS AND CYP3A INHIBITORS**
[54] **ADMINISTRATION CONCOMITANTE DE MODULATEURS DE RECEPTEUR DES GLUCOCORTICOIDES ET D'INHIBITEURS DE CYP3A**
[72] BELANOFF, JOSEPH K., US
[71] CORCEPT THERAPEUTICS, INC., US
[85] 2019-08-02
[86] 2018-02-28 (PCT/US2018/020336)
[87] (WO2018/160775)
[30] US (62/465,772) 2017-03-01
[30] US (62/466,867) 2017-03-03

[21] **3,052,669**
[13] A1
[51] **Int.Cl. A61M 25/02 (2006.01) A41D 13/12 (2006.01) A41D 27/20 (2006.01) A45F 5/02 (2006.01) A61J 15/00 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **SECURING POCKET FOR LOOSE PORTION OF MEDICAL TUBING**
[54] **POCHE DE FIXATION DESTINEE A UNE PARTIE LACHE DE SONDE MEDICALE**
[72] MOILANEN, REBEKAH LAUREN, US
[72] WILLIAMS, JEANETTE LOUISE, US
[71] TUBIE POCKETS, LLC, US
[85] 2019-08-02
[86] 2018-03-01 (PCT/US2018/020360)
[87] (WO2018/160784)
[30] US (62/465,912) 2017-03-02

[21] **3,052,670**
[13] A1
[51] **Int.Cl. C12Q 1/6886 (2018.01)**
[25] EN
[54] **DIAGNOSTIC AND THERAPEUTIC METHODS FOR CANCER**
[54] **PROCEDES DIAGNOSTIQUES ET THERAPEUTIQUES RELATIFS AU CANCER**
[72] HEGDE, PRITI, US
[72] HUSENI, MAHRUKH, US
[71] GENENTECH, INC., US
[85] 2019-08-02
[86] 2018-03-01 (PCT/US2018/020460)
[87] (WO2018/160841)
[30] US (62/465,547) 2017-03-01
[30] US (62/514,680) 2017-06-02
[30] US (62/572,979) 2017-10-16

[21] **3,052,671**
[13] A1
[51] **Int.Cl. B21D 39/03 (2006.01) B21J 15/02 (2006.01) B21J 15/08 (2006.01) B21J 15/28 (2006.01) B23P 19/06 (2006.01) F16B 37/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SECURING A CLINCH NUT TO A SHEET OF ADVANCED HIGH STRENGTH STEEL AND RESULTANT ASSEMBLY**
[54] **APPAREIL ET PROCEDE DE FIXATION D'ECROU A RIVER A UNE TOLE D'ACIER A HAUTE RESISTANCE AVANCE ET ENSEMBLE AINSI OBTENU**
[72] SAVOY, MARK A., US
[72] MORGAN, PHILLIP J.I., US
[71] UTICA ENTERPRISES, INC., US
[85] 2019-08-02
[86] 2018-03-02 (PCT/US2018/020654)
[87] (WO2018/160959)
[30] US (62/466,489) 2017-03-03

[21] **3,052,672**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **LOW DENSITY ELECTRONIC DEVICE**
[54] **DISPOSITIF ELECTRONIQUE DE FAIBLE DENSITE**
[72] LU, CHENGCHIEN, US
[72] PETERS, DAVID ERIC, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2019-08-02
[86] 2018-03-06 (PCT/US2018/021190)
[87] (WO2018/165187)
[30] US (15/454,752) 2017-03-09

[21] **3,052,673**
[13] A1
[51] **Int.Cl. B81C 3/00 (2006.01) B06B 1/02 (2006.01) B81B 3/00 (2006.01) B81C 1/00 (2006.01) G10K 11/18 (2006.01) G10K 11/36 (2006.01) H01L 21/02 (2006.01)**
[25] EN
[54] **MICROFABRICATED ULTRASONIC TRANSDUCERS AND RELATED APPARATUS AND METHODS**
[54] **TRANSDUCTEURS ULTRASONORES MICROFABRIQUES ET APPAREIL ET PROCEDES ASSOCIES**
[72] ROTHBERG, JONATHAN M., US
[72] ALIE, SUSAN A., US
[72] FIFE, KEITH G., US
[72] SANCHEZ, NEVADA J., US
[72] RALSTON, TYLER S., US
[72] ZAHORIAN, JAIME SCOTT, US
[71] BUTTERFLY NETWORK, INC., US
[85] 2019-08-02
[86] 2018-03-07 (PCT/US2018/021257)
[87] (WO2018/165235)
[30] US (15/453,846) 2017-03-08

[21] **3,052,674**
[13] A1
[51] **Int.Cl. B01J 29/40 (2006.01) B01J 29/70 (2006.01) B01J 35/00 (2006.01) B01J 35/02 (2006.01) B01J 37/28 (2006.01) C10G 11/05 (2006.01)**
[25] EN
[54] **FCC CATALYST ADDITIVE WITH MIXED ALUMINA**
[54] **ADDITIF DE CATALYSEUR FCC AVEC DE L'ALUMINE MELANGEE**
[72] FOSTER, EDWARD LEE, US
[72] LUDVIG, MARIA MARGARET, US
[72] MILLER, KEVIN ALFONSO, US
[71] ALBEMARLE CORPORATION, US
[85] 2019-08-02
[86] 2018-03-16 (PCT/US2018/022967)
[87] (WO2018/170452)
[30] US (62/472,980) 2017-03-17

[21] **3,052,675**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/31 (2006.01)**
[25] FR
[54] **NEEDLE PROTECTION DEVICE FOR A PRE-FILLED SYRINGE WITH STAKED NEEDLE, AND SYRINGE COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF DE PROTECTION D'AIGUILLE POUR UNE SERINGUE PRE-REMPLIE A AIGUILLE COLLEE ET SERINGUE COMPRENANT UN TEL DISPOSITIF**
[72] ANEAS, DANIEL, FR
[71] BIOCORP PRODUCTION, FR
[85] 2019-08-02
[86] 2018-03-16 (PCT/EP2018/056648)
[87] (WO2018/167262)
[30] FR (1752182) 2017-03-17

[21] **3,052,676**
[13] A1
[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/178 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **PLUNGER ROD AND SYRINGE ASSEMBLY SYSTEM AND METHOD**
[54] **TIGE DE PISTON AINSI QUE SYSTEME ET PROCEDE D'ASSEMBLAGE DE SERINGUE**
[72] KETELAARS, JEROEN, NL
[72] LEKA, LAWRENCE G., US
[72] VAN WEZEL, MARTIN, NL
[72] PEREZ, ERNESTO J., US
[72] REY, MANUEL, US
[72] RIVERA, JOMASOEL, US
[72] TAPIA, JAVIER O., US
[72] VAZQUEZ, FRANCISCO ALMEDINA, US
[72] WAH REYES, NOEL, US
[71] AMGEN, INC., US
[85] 2019-08-02
[86] 2018-03-20 (PCT/US2018/023306)
[87] (WO2018/183039)
[30] US (62/477,521) 2017-03-28

[21] **3,052,677**
[13] A1
[51] **Int.Cl. A22C 9/00 (2006.01)**
[25] EN
[54] **CROSS CUT TENDERIZER**
[54] **ATTENDRISSEUR A COUPE TRANSVERSALE**
[72] HARRISON, WILLIAM LEE, US
[72] ALEXANDER, DAVID MCAULEY, US
[71] ROSS INDUSTRIES INC., US
[85] 2019-08-02
[86] 2018-03-21 (PCT/US2018/023560)
[87] (WO2018/145131)
[30] US (62/453,618) 2017-02-02

[21] **3,052,678**
[13] A1
[51] **Int.Cl. B67D 7/02 (2010.01) A61J 1/20 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **UNIVERSAL ADAPTER**
[54] **ADAPTATEUR UNIVERSEL**
[72] HOLLEY, BROCK E., US
[72] HEADLEY, THOMAS R., US
[72] FREIBURGER, BENJAMIN R., US
[72] GEVERS, MATTHEW H., US
[71] TUTHILL CORPORATION, US
[85] 2019-08-02
[86] 2018-03-29 (PCT/US2018/025016)
[87] (WO2018/183598)
[30] US (62/479,557) 2017-03-31
[30] US (15/937,923) 2018-03-28

[21] **3,052,680**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **HEART VALVE SEALING DEVICES AND DELIVERY DEVICES THEREFOR**
[54] **DISPOSITIFS D'ETANCHEITE DE VALVES CARDIAQUES ET LEURS DISPOSITIFS DE POSE**
[72] DIXON, ERIC ROBERT, US
[72] CHEN, JENSEN, US
[72] MORATORIO, GUILLERMO W., US
[72] CAO, HENGCHU, US
[72] DOMINICK, DOUGLAS THOMAS, US
[72] DELGADO, SERGIO, US
[72] FRESCHAUF, LAUREN R., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-08-02
[86] 2018-04-18 (PCT/US2018/028171)
[87] (WO2018/195201)
[30] US (62/486,835) 2017-04-18
[30] US (15/884,193) 2018-01-30
[30] US (15/909,803) 2018-03-01
[30] US (15/910,951) 2018-03-02
[30] US (15/914,143) 2018-03-07
[30] US (15/927,814) 2018-03-21
[30] US (15/946,604) 2018-04-05
[30] US (15/953,220) 2018-04-13
[30] US (15/953,263) 2018-04-13
[30] US (15/953,283) 2018-04-13

[21] **3,052,681**
[13] A1
[51] **Int.Cl. F21V 21/14 (2006.01) E04H 12/18 (2006.01) F21V 21/26 (2006.01)**
[25] EN
[54] **FOLDABLE LIGHT TOWER**
[54] **TOUR D'ECLAIRAGE PLIABLE**
[72] BLACKWELDER, PAUL BRASFORD, US
[72] WASSON, ANDREW PAUL, US
[71] THE WILL-BURT COMPANY, US
[85] 2019-08-02
[86] 2018-11-15 (PCT/US2018/061323)
[87] (WO2019/099700)
[30] US (62/586,941) 2017-11-16

[21] **3,052,682**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR INFORMATION TRANSMISSION**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-08-05
[86] 2018-01-12 (PCT/CN2018/072418)
[87] (WO2019/136699)

[21] **3,052,684**
[13] A1
[51] **Int.Cl. C08F 283/10 (2006.01) C08G 59/02 (2006.01) C08G 59/16 (2006.01) C08G 59/42 (2006.01) C08L 25/06 (2006.01) C08L 33/08 (2006.01) C08L 33/10 (2006.01) C08L 63/00 (2006.01) C09D 125/06 (2006.01) C09D 133/00 (2006.01) C09D 163/00 (2006.01)**
[25] EN
[54] **EPOXY ACRYLIC HYBRID RESINS**
[54] **RESINES HYBRIDES EPOXYDES ACRYLIQUES**
[72] STEINER, ANDREAS J., AT
[72] PAAR, WILLIBALD, AT
[72] LUNZER, FLORIAN, AT
[72] WANGO, JORG CHRISTIAN KARL, AT
[72] GROLLER, JACQUELINE, AT
[71] ALLNEX AUSTRIA GMBH, AT
[85] 2019-08-05
[86] 2018-03-23 (PCT/EP2018/057473)
[87] (WO2018/177939)
[30] EP (17163087.4) 2017-03-27

[21] **3,052,685**
[13] A1
[51] **Int.Cl. B01D 21/00 (2006.01) B01D 21/32 (2006.01) B01D 21/34 (2006.01) G01N 1/20 (2006.01) G05B 13/04 (2006.01) G05B 15/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR CONTROLLING A DEWATERING PROCESS**
[54] **PROCEDE ET AGENCEMENT DESTINES A COMMANDER UN PROCEDE DE DESHYDRATATION**
[72] KOSONEN, MIKA, FI
[72] KAUVOSAARI, SAKARI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-08-05
[86] 2017-02-10 (PCT/FI2017/050078)
[87] (WO2018/146371)

[21] **3,052,686**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/03 (2006.01) A61B 5/22 (2006.01) A61B 5/055 (2006.01)**
[25] FR
[54] **METHOD FOR DETERMINING THE MECHANICAL PROPERTIES OF A PELVIC CAVITY, AND MEASURING DEVICE**
[54] **PROCEDE DE DETERMINATION DES PROPRIETES MECANIQUES D'UNE CAVITE PELVIENNE, ET DISPOSITIF DE MESURE**
[72] BRIEU, MATHIAS, FR
[72] COSSON, MICHEL, FR
[72] RUBOD DIT GUILLET, CHRYSTELE, FR
[72] LECOMTE, PAULINE, FR
[72] WITZ, JEAN FRANCOIS, FR
[72] PATROUIX, LAURENT, FR
[71] UNIVERSITE DE LILLE, FR
[71] ECOLE CENTRALE DE LILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE, FR
[71] ECOLE NATIONALE SUPERIEURE D'ARTS ET METIERS (ENSAM), FR
[85] 2019-08-02
[86] 2018-02-20 (PCT/FR2018/050394)
[87] (WO2018/154224)
[30] FR (1751369) 2017-02-21

[21] **3,052,687**
[13] A1
[51] **Int.Cl. H05B 7/107 (2006.01) H05B 3/62 (2006.01) H05B 7/10 (2006.01) H05B 7/102 (2006.01)**
[25] EN
[54] **ELECTRODE SLIPPING DEVICE**
[54] **DISPOSITIF DE GLISSEMENT D'ELECTRODE**
[72] JOKINEN, JARMO, FI
[72] JUVONEN, SEPPO, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-08-05
[86] 2017-02-27 (PCT/FI2017/050126)
[87] (WO2018/154173)

[21] **3,052,690**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 50/34 (2012.01) A47C 7/72 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GAMING MACHINES HAVING INTERACTIVE CHAIRS**
[54] **SYSTEMES ET PROCEDES POUR MACHINES DE JEU EQUIPEES DE CHAISES INTERACTIVES**
[72] CZUBAK, ROMAN, AT
[72] BICHL, CHRISTOPH, AT
[71] NOVOMATIC AG, AT
[85] 2019-08-05
[86] 2018-02-23 (PCT/IB2018/051154)
[87] (WO2018/154514)
[30] US (15/440,710) 2017-02-23
[30] US (15/783,602) 2017-10-13

[21] **3,052,692**
[13] A1
[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01) H01F 1/147 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS ORIENTES**
[72] TERASHIMA, TAKASHI, JP
[72] UMADA, TAKUMI, JP
[72] WATANABE, MAKOTO, JP
[72] TAKAMIYA, TOSHITO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2019-08-05
[86] 2018-01-17 (PCT/JP2018/001270)
[87] (WO2018/150791)
[30] JP (2017-028249) 2017-02-17

[21] **3,052,696**
[13] A1
[51] **Int.Cl. C21C 5/46 (2006.01) G01N 21/17 (2006.01) G01N 33/20 (2019.01)**
[25] EN
[54] **METHOD FOR DETECTING SLAG IN MOLTEN STEEL FLOW**
[54] **PROCEDE POUR LA DETECTION DE SCORIES DANS UN FLUX D'ACIER LIQUIDE**
[72] KUSUNOKI, TOMOYUKI, JP
[72] MIYAZAKI, TAKAHIRO, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2019-08-05
[86] 2018-02-13 (PCT/JP2018/004831)
[87] (WO2018/151078)
[30] JP (2017-025440) 2017-02-14

[21] **3,052,699**
[13] A1
[51] **Int.Cl. E04B 1/28 (2006.01) E04B 1/343 (2006.01) E04B 1/58 (2006.01) E04B 1/24 (2006.01)**
[25] FR
[54] **CONSTRUCTION SYSTEM FOR BUILDING A MODULE OF A DWELLING**
[54] **SYSTEME DE CONSTRUCTION POUR UN MODULE D'UNE HABITATION**
[72] USTINOV, IGOR, CH
[71] USTINOV, IGOR, CH
[71] USTINOV, JIHAN, CH
[71] HOFFMANN, ANDRE, CH
[85] 2019-08-02
[86] 2017-12-21 (PCT/IB2017/058262)
[87] (WO2018/146533)
[30] CH (00164/17) 2017-02-13

[21] **3,052,700**
[13] A1
[51] **Int.Cl. B09C 1/00 (2006.01) B09C 1/02 (2006.01) B09C 1/08 (2006.01) B09C 1/10 (2006.01) C04B 18/04 (2006.01) C04B 33/132 (2006.01) C09K 17/40 (2006.01)**
[25] EN
[54] **METHOD FOR DISPOSING OF CONTAMINATED DEPOSIT SOIL AND RECYCLED RECLAMATION SOIL USING SAME**
[54] **PROCEDE D'ELIMINATION DE SOL DE DEPOT CONTAMINE ET SOL DE RECUPERATION RECYCLE UTILISANT CELUI-CI**
[72] LEE, SANG-SEOB, KR
[72] JANG, MAN, KR
[71] LEE, SANG-SEOB, KR
[71] KOREA MARINE ENVIRONMENT MANAGEMENT CORPORATION, KR
[85] 2019-08-05
[86] 2018-02-07 (PCT/KR2018/001630)
[87] (WO2018/147628)
[30] KR (10-2017-0016983) 2017-02-07

[21] **3,052,701**
[13] A1
[51] **Int.Cl. B01J 19/24 (2006.01) B01D 53/14 (2006.01) B01D 53/50 (2006.01) B01D 53/78 (2006.01) B01J 4/00 (2006.01)**
[25] FR
[54] **DEVICE FOR PRODUCING AND TREATING A GAS STREAM THROUGH AN AUTOMATICALLY CONTROLLED VOLUME OF LIQUID**
[54] **DISPOSITIF POUR LA PRODUCTION ET LE TRAITEMENT DE FLUX GAZEUX A TRAVERS UN VOLUME DE LIQUIDE REGULE AUTOMATIQUEMENT**
[72] ZEMMOURI, JAOUAD, FR
[71] STARKLAB, FR
[85] 2019-08-05
[86] 2018-02-07 (PCT/EP2018/053021)
[87] (WO2018/146123)
[30] FR (1751104) 2017-02-10

[21] **3,052,703**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) C07D 471/04 (2006.01) C07D 487/06 (2006.01) C08G 61/12 (2006.01) H01G 4/18 (2006.01)**
[25] EN
[54] **SHARP POLYMER AND CAPACITOR**
[54] **POLYMERE COUPANT ET CONDENSATEUR**
[72] SHARP, BARRY K., US
[72] FUTURA, PAUL T., US
[72] LAZAREV, PAVEL IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
[85] 2019-08-05
[86] 2017-02-09 (PCT/US2017/017155)
[87] (WO2017/139453)
[30] US (15/043,247) 2016-02-12

[21] **3,052,704**
[13] A1
[51] **Int.Cl. C12N 15/864 (2006.01) A61K 48/00 (2006.01) C07K 14/015 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/12 (2006.01) C12N 15/35 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR DELIVERING NUCLEIC ACIDS TO COCHLEAR AND VESTIBULAR CELLS**
[54] **MATERIELS ET METHODES D'ADMINISTRATION D'ACIDES NUCLEIQUES A DES CELLULES COCHLEAIRES ET VESTIBULAIRES**
[72] HOLT, JEFFREY, US
[72] GELEOC, GWENAELLE, US
[72] ASAI, YUKAKO, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2019-08-05
[86] 2018-02-06 (PCT/US2018/017104)
[87] (WO2018/145111)
[30] US (62/455,197) 2017-02-06

[21] **3,052,705**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A61K 48/00 (2006.01) C07K 14/47 (2006.01) C12N 15/07 (2006.01) C12N 15/09 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATING TO MYOMIXER-PROMOTED MUSCLE CELL FUSION**
[54] **COMPOSITIONS ET METHODES ASSOCIEES A UNE FUSION DE CELLULE MUSCULAIRE FAVORISEE PAR LA PROTEINE MYOMIXER**
[72] OLSON, ERIC N., US
[72] BI, PENGPENG, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-08-05
[86] 2018-02-14 (PCT/US2018/018137)
[87] (WO2018/156397)
[30] US (62/463,365) 2017-02-24

[21] **3,052,706**
[13] A1
[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/36 (2006.01) B65D 6/38 (2006.01)**
[25] EN
[54] **STRAIGHT CONSISTENT BODY SCORES ON PLASTIC CORRUGATED BOXES AND A PROCESS FOR MAKING SAME**
[54] **RAINURES DE CORPS DROITES COHERENTES SUR DES BOITES ONDULEES EN PLASTIQUE ET LEUR PROCEDE DE FABRICATION**
[72] BALAZS, DONALD J., US
[72] MCMAHON, WILLIAM F., US
[71] MENASHA CORPORATION, US
[85] 2019-08-05
[86] 2018-02-21 (PCT/US2018/018983)
[87] (WO2018/156604)
[30] US (62/461,554) 2017-02-21
[30] US (15/498,625) 2017-04-27

[21] **3,052,707**
[13] A1
[51] **Int.Cl. F02C 9/58 (2006.01) B64C 11/30 (2006.01) B64D 27/10 (2006.01)**
[25] FR
[54] **METHOD FOR CONTROLLING THE SPEED AND THE POWER OF A TURBINE ENGINE PROPELLER**
[54] **PROCEDE DE REGULATION DE LA VITESSE ET DE LA PUISSANCE D'UNE HELICE DE TURBOMACHINE**
[72] DJELASSI, CEDRIK, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2019-08-05
[86] 2018-02-07 (PCT/FR2018/050306)
[87] (WO2018/146422)
[30] FR (1750999) 2017-02-07

[21] **3,052,708**
[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2019.01) A61K 38/10 (2006.01) A61K 38/12 (2006.01) A61P 25/00 (2006.01) C07K 7/08 (2006.01) C07K 7/64 (2006.01)**
[25] EN
[54] **NOVEL ALPHA CONOTOXIN PEPTIDES**
[54] **NOUVEAUX PEPTIDES D'ALPHA-CONOTOXINE**
[72] CLARK, RICHARD JAMES, AU
[72] DANIEL, JAMES TRAVIS, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2019-08-06
[86] 2017-02-16 (PCT/AU2017/050135)
[87] (WO2017/139845)
[30] AU (2016900528) 2016-02-16

[21] **3,052,710**
[13] A1
[51] **Int.Cl. A63F 13/00 (2014.01) A63F 1/02 (2006.01)**
[25] EN
[54] **CARD GAME METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL ASSOCIES A UN JEU DE CARTES**
[72] BRUCE, DARYL, AU
[72] STEWART, PAULA, AU
[71] CLUB GAMING PTY LTD, AU
[85] 2019-08-06
[86] 2018-02-06 (PCT/AU2018/000014)
[87] (WO2018/141004)
[30] AU (2017900351) 2017-02-06
[30] AU (2017901126) 2017-03-29

[21] **3,052,712**
[13] A1
[51] **Int.Cl. B02C 17/22 (2006.01) B02C 17/18 (2006.01) B02C 19/00 (2006.01) B23P 19/04 (2006.01)**
[25] EN
[54] **MILL LINER REMOVAL SYSTEM**
[54] **SYSTEME PERMETTANT DE RETIRER LE REVETEMENT D'UN BROYEUR**
[72] WATERS, STEVEN MARK, AU
[72] RUBIE, PETER JOHN, AU
[71] RUSSELL MINERAL EQUIPMENT PTY LTD, AU
[85] 2019-08-06
[86] 2018-02-27 (PCT/AU2018/050169)
[87] (WO2018/157201)
[30] AU (2017900684) 2017-02-28
[30] AU (2017902225) 2017-06-12

[21] **3,052,713**
[13] A1
[51] **Int.Cl. C07D 311/94 (2006.01) A61K 31/201 (2006.01) A61K 31/215 (2006.01) A61K 31/352 (2006.01) A61P 37/06 (2006.01) C07C 59/42 (2006.01) C07C 69/608 (2006.01)**
[25] EN
[54] **COMPOUNDS, PROCESS OF PRODUCTION OF COMPOUNDS, ENRICHED EXTRACT, ENRICHED EXTRACT ACTIVE FRACTIONS, ENRICHED EXTRACT PROCESS OF PRODUCTION, METHOD FOR SELECTING VEGETAL BIOMASS FOR ENRICHED EXTRACT PRODUCTION, COMPOSITION AND USE FOR TREATMENT OF IMMUNOLOGICAL DISORDERS**
[54] **COMPOSES, PROCEDE DE PRODUCTION DE COMPOSES, EXTRAIT ENRICHI, FRACTIONS ACTIVES D'EXTRAIT ENRICHI, PROCEDE DE PRODUCTION D'EXTRAIT ENRICHI, PROCEDE DE SELECTION DE BIOMASSE VEGETALE POUR LA PRODUCTION D'EXTRAIT ENRICHI, COMPOSITION ET UTILISATION POUR LE TRAITEMENT DE TROUBLES IMMUNOLOGIQUES**
[72] GUIMARAES, CRISTIANO RUCH WERNECK, BR
[72] VITOR, CARLOS EDUARDO, BR
[72] PESSA, LISANDRA RAVANELLI, BR
[72] REIS, ROMULO DRAGANI, BR
[72] MASCARELLO, ALESSANDRA, BR
[72] GAMA, FERNANDO HENRIQUE DE SOUZA, BR
[71] ACHE LABORATORIOS FARMACEUTICOS S.A., BR
[85] 2019-08-06
[86] 2018-02-19 (PCT/BR2018/050037)
[87] (WO2018/148816)
[30] BR (BR1020170033180) 2017-02-17

[21] **3,052,715**
[13] A1
[51] **Int.Cl. C04B 28/00 (2006.01) C04B 18/02 (2006.01) C04B 20/10 (2006.01) C04B 28/06 (2006.01) C04B 28/26 (2006.01) C04B 40/00 (2006.01) C09K 8/00 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **NOVEL MATERIAL AND PRODUCTION THEREOF FOR USE AS A STORAGE MEDIUM IN A SENSITIVE ENERGY STORAGE SYSTEM IN THE LOW-, MEDIUM- OR HIGH-TEMPERATURESECTOR**
[54] **MATERIAU NOVATEUR ET SA PRODUCTION DESTINES A UNE UTILISATION COMME SUPPORT DE STOCKAGE DE SYSTEME DE STOCKAGE D'ENERGIE SENSIBLE DANS LA PLAGE DE TEMPERATURES BASSES, MOYENNES OUELEVEES**
[72] ROCKTASCHEL, CHRISTIAN, DE
[71] FLUORCHEMIE GMBH FRANKFURT, DE
[85] 2019-08-06
[86] 2017-09-01 (PCT/EP2017/072012)
[87] (WO2018/157954)
[30] EP (PCT/EP2017/054767) 2017-03-01

[21] **3,052,716**
[13] A1
[51] **Int.Cl. H01M 8/1053 (2016.01) H01M 8/0202 (2016.01)**
[25] EN
[54] **HYBRID FUEL CELL WITH POLYMERIC PROTON EXCHANGE MEMBRANES AND ACIDIC LIQUID ELECTROLYTE**
[54] **PILE A COMBUSTIBLE HYBRIDE AVEC MEMBRANES ECHANGEUSES DE PROTONS POLYMERES ET ELECTROLYTE LIQUIDE ACIDE**
[72] SANDS, KENNETH D., CA
[71] MARVICK FUELCELLS LTD., CA
[85] 2019-08-06
[86] 2018-01-25 (PCT/CA2018/050086)
[87] (WO2018/145197)
[30] US (62/457,601) 2017-02-10
[30] US (62/565,459) 2017-09-29

[21] **3,052,717**
[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01)**
[25] EN
[54] **SOWING COULTER, IN PARTICULAR CHISEL COULTER**
[54] **SOC DE SEMOIR, EN PARTICULIER SOC A TRANCHANT**
[72] SCHWAMM, VICTOR, DE
[72] TROEBNER, MICHAEL, DE
[72] VOLLMER, HUBERT, DE
[71] AMAZONEN-WERKE H. DREYER GMBH & CO. KG, DE
[85] 2019-08-06
[86] 2018-01-30 (PCT/EP2018/052184)
[87] (WO2018/145939)
[30] DE (102017102782.3) 2017-02-13

[21] **3,052,718**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/501 (2006.01) A61P 35/00 (2006.01) C07D 237/04 (2006.01) C07D 237/24 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01) C07D 409/04 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **2-HETEROARYL-3-OXO-2,3-DIHYDROPYRIDAZINE-4-CARBOXAMIDES FOR THE TREATMENT OF CANCER**
[54] **2-HETEROARYL-3-OXO-2,3-DIHYDROPYRIDAZINE-4-CARBOXAMIDES POUR LE TRAITEMENT DU CANCER**
[72] GUTCHER, ILONA, DE
[72] ROHN, ULRIKE, DE
[72] SCHMEES, NORBERT, DE
[72] ZORN, LUDWIG, DE
[72] ROSE, LARS, DE
[72] BADER, BENJAMIN, DE
[72] KOBER, CHRISTINA, DE
[72] CARRETERO, RAFAEL, DE
[72] STOCKIGT, DETLEF, DE
[72] IRLBACHER, HORST, DE
[72] PLATTEN, MICHAEL, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-08-06
[86] 2018-02-02 (PCT/EP2018/052627)
[87] (WO2018/146010)
[30] EP (17155406.6) 2017-02-09
[30] EP (17202882.1) 2017-11-21

[21] **3,052,719**
[13] A1
[51] **Int.Cl. A61G 15/02 (2006.01) A61B 6/04 (2006.01) A61G 5/10 (2006.01)**
[25] EN
[54] **PATIENT SUPPORT DEVICE AND METHOD FOR ADJUSTING THE POSITION OF A PATIENT**
[54] **DISPOSITIF DE SUPPORT DE PATIENT ET PROCEDE D'AJUSTEMENT DE LA POSITION D'UN PATIENT**
[72] LAINE, PASI, FI
[71] MEGIN OY, FI
[85] 2019-08-06
[86] 2018-02-06 (PCT/EP2018/052868)
[87] (WO2018/141980)
[30] FI (20175101) 2017-02-06

[21] **3,052,720**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR DIAGNOSING IMPLANT RELATED RISK OF IMPLANT REVISION DUE TO ASEPTIC LOOSENING**
[54] **BIOMARQUEURS POUR DIAGNOSTIQUER DE RISQUE DE REVISION ASSOCIE A UN IMPLANT EN RAISON D'UN DESCELLEMENT ASEPTIQUE**
[72] LIAN, STEIN, NO
[72] MIKALSEN, JARLE, NO
[72] BENDIKSEN, ERIC, NO
[72] EINUNG HANSEN, ANDERS, NO
[71] ORTHOGENICS AS, NO
[85] 2019-08-06
[86] 2018-02-07 (PCT/EP2018/053044)
[87] (WO2018/146129)
[30] NO (20170185) 2017-02-07

[21] **3,052,721**
[13] A1
[51] **Int.Cl. C23C 4/02 (2006.01) C23C 4/11 (2016.01) C23C 4/134 (2016.01) C23C 28/00 (2006.01)**
[25] EN
[54] **ABRADABLE COATING**
[54] **REVETEMENT ABRADABLE**
[72] SCHMID, RICHARD K., CH
[72] GINDRAT, MALKO, CH
[72] SZYNDELMAN, GREGORY, CH
[71] OERLIKON METCO AG, WOHLEN, CH
[85] 2019-08-06
[86] 2018-02-07 (PCT/EP2018/053089)
[87] (WO2018/146156)
[30] US (62455967) 2017-02-07

[21] **3,052,722**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01)**
[25] EN
[54] **FILM-FORMING COMPOSITIONS FOR HARD CAPSULE SHELLS AND HARD CAPSULE SHELLS OBTAINED THEREOF**
[54] **COMPOSITIONS FILMOGENES POUR ENVELOPPES DE GELULES DURES ET ENVELOPPES DE GELULES DURES OBTENUES A PARTIR DE CELLES-CI**
[72] CHEN, ARMAND, CN
[72] MIAO, YONG, CN
[72] PORA, BERNARD, CN
[71] ROQUETTE FRERES, FR
[85] 2019-08-06
[86] 2018-02-07 (PCT/EP2018/053111)
[87] (WO2018/146165)
[30] EP (17305147.5) 2017-02-08

[21] **3,052,723**
[13] A1
[51] **Int.Cl. B29C 70/54 (2006.01) B29C 70/34 (2006.01)**
[25] EN
[54] **DOUBLE DIAPHRAGM SHAPING OF COMPOSITE MATERIALS, ASSEMBLIES FOR SUCH SHAPING, AND RESULTING COMPOSITE MATERIALS**
[54] **MISE EN FORME EN DOUBLE DIAPHRAGME DE MATERIAUX COMPOSITES, ENSEMBLES POUR UNE TELLE MISE EN FORME, ET MATERIAUX COMPOSITES RESULTANTS**
[72] WYBROW, TIM, GB
[72] HOLLIS, RICHARD, GB
[72] WRIGHT, DEAN, GB
[71] CYTEC INDUSTRIAL MATERIALS (DERBY) LIMITED, GB
[85] 2019-08-06
[86] 2018-02-08 (PCT/EP2018/053132)
[87] (WO2018/146178)
[30] GB (1702071.0) 2017-02-08
[30] GB (1716869.1) 2017-10-13

[21] **3,052,724**
[13] A1
[51] **Int.Cl. G16H 20/13 (2018.01) A61J 1/03 (2006.01) B65B 5/12 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR PRODUCING A PILL BOX**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION D'UN PILULIER**
[72] FOUBET, MICHEL, FR
[72] FOUBET, GREGORY, FR
[72] FOUBET, OLIVIER, FR
[71] DISTRAIMED, FR
[85] 2019-08-06
[86] 2018-02-08 (PCT/EP2018/053200)
[87] (WO2018/162168)
[30] FR (1751996) 2017-03-10

[21] **3,052,725**
[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01) C12N 1/20 (2006.01) C12N 7/01 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **REBOOTING OF SYNTHETIC BACTERIOPHAGE GENOME IN L-FORM BACTERIA**
[54] **REAMORCAGE DE GENOME DE BACTERIOPHAGE SYNTHETIQUE DANS DES BACTERIES DE FORME L**
[72] LOESSNER, MARTIN JOHANNES, CH
[72] KILCHER, SAMUEL, CH
[72] STUDER, PATRICK, CH
[71] ETH ZURICH, CH
[85] 2019-08-06
[86] 2018-02-08 (PCT/EP2018/053202)
[87] (WO2018/146206)
[30] EP (17155693.9) 2017-02-10

[21] **3,052,726**
[13] A1
[51] **Int.Cl. G06K 19/02 (2006.01) G06K 19/06 (2006.01)**
[25] FR
[54] **METHOD FOR IDENTIFYING A 3D ELEMENT, PARTICULARLY AN ELEMENT USED TO PRODUCE A COMPLEX PRODUCT COMPRISING SAID ELEMENT**
[54] **PROCEDE D'IDENTIFICATION D'UN ELEMENT EN 3D, NOTAMMENT UN ELEMENT ENTRANT DANS LA REALISATION D'UN PRODUIT COMPLEXE INTEGRANT LEDIT ELEMENT**
[72] CONZE, PIERRE, FR
[72] BRAVARD, JEROME, FR
[71] SAINT-GOBAIN PERFORMANCE PLASTICS FRANCE, FR
[85] 2019-08-06
[86] 2018-02-13 (PCT/EP2018/053563)
[87] (WO2018/146334)
[30] FR (1770133) 2017-02-13

[21] **3,052,727**
[13] A1
[51] **Int.Cl. C12Q 1/6813 (2018.01) C12Q 1/6832 (2018.01)**
[25] EN
[54] **SINGLE-STRAND BINDING PROTEIN**
[54] **PROTEINE DE LIAISON MONOCATENAIRE**
[72] PIERECHOD, MARCIN, NO
[72] WILLASSEN, NILS PEDER, NO
[72] ROTHWEILER, ULLI, NO
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO
[85] 2019-08-06
[86] 2018-02-23 (PCT/EP2018/054593)
[87] (WO2018/154083)
[30] GB (1703049.5) 2017-02-24

[21] **3,052,728**
[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **LIQUID NATURAL GAS PLANT AND METHOD OF OPERATING THEREOF**
[54] **INSTALLATION DE GAZ NATUREL LIQUIDE ET SON PROCEDE DE FONCTIONNEMENT**
[72] JAGER, MARCO, DICK, NL
[72] MEIRING, WOUTER, JAN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATCSHAPPIJ B.V., NL
[85] 2019-08-06
[86] 2018-02-26 (PCT/EP2018/054645)
[87] (WO2018/158182)
[30] EP (17158442.8) 2017-02-28

[21] **3,052,729**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/30 (2006.01)**
[25] FR
[54] **VENTILATED BLADE OF A HIGH PRESSURE TURBINE**
[54] **AUBE VENTILEE DE TURBINE HAUTE PRESSION**
[72] MARTINEAU, GONTRAN, FR
[72] PARDO, FREDERIC PHILIPPE JEAN-JACQUES, FR
[72] PILETTE, KEVIN, FR
[72] SAHORES, JEAN-LUC PIERRE, FR
[72] CARBON, JULIEN, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2019-08-06
[86] 2018-02-05 (PCT/FR2018/050273)
[87] (WO2018/146403)
[30] FR (17 51006) 2017-02-07

[21] **3,052,730**
[13] A1
[51] **Int.Cl. B65D 83/20 (2006.01) B65D 83/24 (2006.01) B65D 83/32 (2006.01) B65D 83/38 (2006.01) B65D 83/62 (2006.01) B65D 83/14 (2006.01) B65D 83/42 (2006.01) B65D 83/48 (2006.01)**
[25] FR
[54] **VALVE HOLDING DEVICE**
[54] **DISPOSITIF PORTE VALVE**
[72] DE MAILLARD, THIBAULT, FR
[72] BEURCQ, JEAN-LUC, FR
[71] INOSPRAY, FR
[85] 2019-08-06
[86] 2018-02-15 (PCT/FR2018/050366)
[87] (WO2018/150142)
[30] FR (1751338) 2017-02-20

[21] **3,052,731**
[13] A1
[51] **Int.Cl. B02C 2/04 (2006.01) B02C 2/00 (2006.01)**
[25] FR
[54] **CONE CRUSHING MACHINE AND CRUSHING METHOD USING SUCH A MACHINE**
[54] **MACHINE DE BROYAGE A CONE ET PROCEDE DE BROYAGE METTANT EN OEUVRE UNE TELLE MACHINE**
[72] PORTAL, JEROME, FR
[71] FIVES SOLIOS, FR
[71] FIVES FCB, FR
[85] 2019-08-06
[86] 2018-02-20 (PCT/FR2018/050391)
[87] (WO2018/154222)
[30] FR (17 51554) 2017-02-27

[21] **3,052,733**
[13] A1
[51] **Int.Cl. H04B 7/08 (2006.01) H04B 7/06 (2006.01)**
[25] EN
[54] **COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE DE COMMUNICATION, DISPOSITIF TERMINAL ET DISPOSITIF DE RESEAU**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-08-06
[86] 2017-02-06 (PCT/CN2017/072989)
[87] (WO2018/141111)

[21] **3,052,737**
[13] A1
[51] **Int.Cl. A61K 35/748 (2015.01) A61K 8/99 (2017.01) A61M 37/00 (2006.01) A61P 17/00 (2006.01) A61P 19/00 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **THE TRANSDERMAL USE OF CYANOBACTERIAL ALGAE, AND/OR EXTRACTS THEREOF, VIA LOW OR HIGH INTENSITY TRANSPORATION DEVICES FOR BEAUTY AND HEALTH ENHANCING PURPOSES**
[54] **UTILISATION TRANSDERMIQUE D'ALGUES CYANOBACTERIENNES ET/OU D'EXTRAITS DE CELLES-CI, PAR L'INTERMEDIAIRE DE DISPOSITIFS DE PASSAGE TRANS-PORE DE FAIBLE OU HAUTE INTENSITE, A DES FINS ESTHETIQUES ET D'AMELIORATION DE LA SANTE**
[72] SCOGLIO, STEFANO, SM
[72] SCOGLIO, GABRIEL DYLAN, IT
[71] SCOGLIO, STEFANO, SM
[85] 2019-08-06
[86] 2018-08-27 (PCT/EP2018/073036)
[87] (WO2019/048281)
[30] US (62/551,768) 2017-09-06

[21] **3,052,739**
[13] A1
[51] **Int.Cl. A61K 35/12 (2015.01) A61K 35/28 (2015.01) A61P 1/06 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **NEW ANTI-ANGIOGENIC EXTRACELLURLAR VESICLES**
[54] **NOUVELLES VESICULES EXTRACELLULAIRES ANTI-ANGIOGENIQUES**
[72] VIOLA, ANTONELLA, IT
[72] MURACA, MAURIZIO, IT
[71] UNIVERSITA DEGLI STUDI DI PADOVA, IT
[71] FONDAZIONE CITTA DELLA SPERANZA - ONLUS, IT
[85] 2019-08-06
[86] 2017-12-14 (PCT/IB2017/057928)
[87] (WO2018/109700)
[30] IB (PCT/IB2016/057608) 2016-12-14

[21] **3,052,740**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) A61P 37/02 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **IFN-.GAMMA.-INDUCIBLE REGULATORY T CELL CONVERTIBLE ANTI-CANCER (IRTCA) ANTIBODY AND USES THEREOF**
[54] **ANTICORPS ANTI-CANCER (IRTCA) CONVERTIBLE A LYMPHOCYTES T REGULATEUR INDUCTIBLE PAR IFN-.GAMMA. ET UTILISATIONS ASSOCIEES**
[72] KWON, BYOUNG S., KR
[72] LEE, SEOUNG-JOO, KR
[72] LEE, JOONG WON, KR
[72] LEE, SEUNGHYUN, KR
[71] EUTILEX CO., LTD., KR
[85] 2019-08-06
[86] 2018-02-09 (PCT/IB2018/000201)
[87] (WO2018/146549)
[30] US (62/457,422) 2017-02-10

[21] **3,052,741**
[13] A1
[51] **Int.Cl. B65D 85/52 (2006.01) B65D 85/30 (2006.01)**
[25] EN
[54] **CONTAINERS FOR TRANSPORTING PLANTS AND METHODS RELATING THERETO**
[54] **CONTENEURS POUR LE TRANSPORT DE PLANTES ET PROCEDES SE RAPPORTANT A CEUX-CI**
[72] KIBLER, TYLER, CA
[72] GIOVANDO, BRUCE, CA
[72] MACPHERSON, DIETER, CA
[72] MORTON, DON, CA
[72] LATIMER, JESS, CA
[72] BARNET, JOHN, CA
[72] BELOT, NEIL, CA
[72] FRALEIGH, NICHOLAS, CA
[72] WHITEHEAD, NICK, CA
[72] SHARMA, ANKIT, CA
[71] 1769474 ALBERTA LTD., CA
[85] 2019-08-06
[86] 2018-08-31 (PCT/CA2018/051057)
[87] (WO2019/041048)
[30] US (62/552,954) 2017-08-31

[21] **3,052,742**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/52 (2014.01) H05K 1/03 (2006.01) H05K 3/12 (2006.01)**
[25] EN
[54] **PRINTABLE MOLECULAR INK**
[54] **ENCRE MOLECULAIRE IMPRIMABLE**
[72] LIU, XIANGYANG, CA
[72] PAQUET, CHANTAL, CA
[72] KELL, ARNOLD J., CA
[72] MALENFANT, PATRICK ROLAND LUCIEN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2019-08-06
[86] 2018-02-08 (PCT/IB2018/050788)
[87] (WO2018/146616)
[30] US (62/456,272) 2017-02-08

[21] **3,052,747**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/52 (2014.01) H05K 1/03 (2006.01) H05K 3/12 (2006.01)**
[25] EN
[54] **SILVER MOLECULAR INK WITH LOW VISCOSITY AND LOW PROCESSING TEMPERATURE**
[54] **ENCRE MOLECULAIRE D'ARGENT A FAIBLE VISCOSITE ET BASSE TEMPERATURE DE TRAITEMENT**
[72] LIU, XIANG YANG, CA
[72] PAQUET, CHANTAL, CA
[72] KELL, ARNOLD J., CA
[72] MALENFANT, PATRICK ROLAND LUCIEN, CA
[72] DEORE, BHAVANA, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2019-08-06
[86] 2018-02-08 (PCT/IB2018/050791)
[87] (WO2018/146619)
[30] US (62/456,322) 2017-02-08

[21] **3,052,749**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/52 (2014.01) H05K 1/03 (2006.01) H05K 3/12 (2006.01)**
[25] EN
[54] **MOLECULAR INK WITH IMPROVED THERMAL STABILITY**
[54] **ENCRE MOLECULAIRE A STABILITE THERMIQUE AMELIOREE**
[72] KELL, ARNOLD J., CA
[72] PAQUET, CHANTAL, CA
[72] MOZENSON, OLGA, CA
[72] MALENFANT, PATRICK ROLAND LUCIEN, CA
[72] DEORE, BHAVANA, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2019-08-06
[86] 2018-02-08 (PCT/IB2018/050789)
[87] (WO2018/146617)
[30] US (62/456,300) 2017-02-08

[21] **3,052,751**
[13] A1
[51] **Int.Cl. H05K 3/22 (2006.01) C09D 11/03 (2014.01) H05K 1/02 (2006.01) C09D 11/52 (2014.01)**
[25] EN
[54] **METHOD OF FINISHING A METALLIC CONDUCTIVE LAYER**
[54] **PROCEDE DE FINITION D'UNE COUCHE CONDUCTRICE METALLIQUE**
[72] LAFRENIERE, SYLVIE, CA
[72] DEORE, BHAVANA, CA
[72] PAQUET, CHANTAL, CA
[72] KELL, ARNOLD J., CA
[72] MALENFANT, PATRICK ROLAND LUCIEN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] GROUPE GRAHAM INTERNATIONAL INC., CA
[85] 2019-08-06
[86] 2018-02-08 (PCT/IB2018/050790)
[87] (WO2018/146618)
[30] US (62/456,310) 2017-02-08

[21] **3,052,753**
[13] A1
[51] **Int.Cl. H04B 7/0417 (2017.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FEEDING BACK AND RECEIVING CHANNEL INFORMATION, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF POUR RENVOYER ET RECEVOIR DES INFORMATIONS DE CANAL, ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] ZHANG, SHUJUAN, CN
[72] LU, ZHAOHUA, CN
[72] LI, YUNGOK, CN
[72] MEI, MENG, CN
[72] GONG, YUHONG, CN
[72] JIANG, CHUANGXIN, CN
[71] ZTE CORPORATION, CN
[85] 2019-08-06
[86] 2018-01-05 (PCT/CN2018/071654)
[87] (WO2018/141196)
[30] CN (201710067275.0) 2017-02-06

[21] **3,052,756**
[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **LED LAMP CONSISTING OF LIGHT EMITTING DIODES (LED) WITH CIRCADIAN ADJUSTABLE MODE OF RADIATED LIGHT PROVIDING FOR ITS HEALTH SAFETY**
[54] **LAMPE A LED CONSTITUEE DE DIODES ELECTROLUMINESCENTES (LED) AVEC MODE A REGLAGE CIRCADIEN DE LA LUMIERE RAYONNEE ASSURANT SA SECURITE SANITAIRE**
[72] MEDRICKY, HYNEK, CZ
[71] MEDRICKY, HYNEK, CZ
[85] 2019-08-06
[86] 2018-02-14 (PCT/IB2018/050913)
[87] (WO2018/150342)
[30] CZ (PV 2017-90) 2017-02-15
[30] CZ (PV 2018-72) 2018-02-14

[21] **3,052,757**
[13] A1
[51] **Int.Cl. A61K 47/26 (2006.01) A61K 8/37 (2006.01) A61K 8/42 (2006.01) A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61K 9/70 (2006.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **CORE-SHELL STRUCTURE, PREPARATION, MEDICINE FOR EXTERNAL APPLICATION, TAPE AGENT AND COSMETIC PRODUCT**
[54] **STRUCTURE NOYAU-ENVELOPPE, SA PREPARATION, MEDICAMENT POUR APPLICATION EXTERNE, AGENT POUR BANDE ET PRODUIT COSMETIQUE**
[72] KAWAMURA, DAICHI, JP
[72] AKAMINE, TAKAYUKI, JP
[72] TONE, SAORI, JP
[72] NAKAMURA, YUUTA, JP
[72] MATSUMOTO, IZUMI, JP
[72] ITOU, KAZUSHI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2019-08-06
[86] 2018-02-07 (PCT/JP2018/004232)
[87] (WO2018/147333)
[30] JP (2017-022175) 2017-02-09
[30] JP (2017-109314) 2017-06-01
[30] JP (2017-183328) 2017-09-25

[21] **3,052,760**
[13] A1
[51] **Int.Cl. C12P 7/58 (2006.01) C12N 1/20 (2006.01) C12N 9/04 (2006.01) C12N 9/06 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12N 9/90 (2006.01) C12P 7/46 (2006.01)**
[25] EN
[54] **CULTURE MODIFIED TO CONVERT METHANE OR METHANOL TO 3-HYDROXYPROPRIONATE**
[54] **CULTURE MODIFIEE POUR CONVERTIR DU METHANE OU DU METHANOL EN 3-HYDROXYPROPRIONATE**
[72] CLARKE, ELIZABETH JANE, US
[72] GREENFIELD, DEREK LORIN, US
[72] HELMAN, NOAH CHARLES, US
[72] JONES, STEPHANIE RHIANON, US
[72] ZHU, BAOLONG, US
[71] INDUSTRIAL MICROBES, INC., US
[85] 2019-08-06
[86] 2018-02-17 (PCT/IB2018/050978)
[87] (WO2018/150377)
[30] US (62/460,565) 2017-02-17
[30] US (62/530,671) 2017-07-10
[30] US (62/578,709) 2017-10-30

[21] **3,052,761**
[13] A1
[51] **Int.Cl. B01D 17/02 (2006.01) B01D 17/04 (2006.01) C09K 8/00 (2006.01) C09K 8/24 (2006.01) C09K 8/26 (2006.01) C09K 8/58 (2006.01) C09K 8/588 (2006.01) C10G 33/04 (2006.01) E21B 43/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD**
[54] **PROCEDE**
[72] BRAGDO SMITH, JENS, NO
[72] GUDBRANDSEN, KAREN ANNE, NO
[72] AANESEN, SVEIN VIGGO, NO
[72] FINBORUD, ANNE, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-08-06
[86] 2018-01-31 (PCT/NO2018/050028)
[87] (WO2018/143821)
[30] GB (1701941.5) 2017-02-06

[21] **3,052,762**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01) H04L 25/02 (2006.01)**
[25] EN
[54] **TRANSMISSION STRUCTURES AND FORMATS FOR DL CONTROL CHANNELS**
[54] **STRUCTURES ET FORMATS DE TRANSMISSION POUR CANAUX DE COMMANDE DE LIAISON DESCENDANTE**
[72] PAPASAKELLARIOU, ARIS, US
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2019-08-06
[86] 2018-02-06 (PCT/KR2018/001608)
[87] (WO2018/143784)
[30] US (62/455,155) 2017-02-06
[30] US (62/469,616) 2017-03-10
[30] US (62/471,528) 2017-03-15
[30] US (62/479,604) 2017-03-31
[30] US (62/509,233) 2017-05-22
[30] US (62/580,494) 2017-11-02
[30] US (15/886,621) 2018-02-01

[21] **3,052,764**
[13] A1
[51] **Int.Cl. F16L 53/37 (2018.01)**
[25] EN
[54] **AN ASSEMBLY COMPRISING AN END-FITTING AND AN UNBONDED FLEXIBLE PIPE**
[54] **ENSEMBLE COMPRENANT UN EMBOUT ET UN TUYAU FLEXIBLE NON LIE**
[72] HOLST, THORSTEN, DK
[72] LARSEN, TOM, DK
[72] STRAARUP, ANDERS, DK
[71] NATIONAL OILWELL VARCO DENMARK I/S, DK
[85] 2019-08-06
[86] 2018-02-19 (PCT/DK2018/050033)
[87] (WO2018/149462)
[30] DK (PA 2017 70120) 2017-02-20

[21] **3,052,765**
[13] A1
[51] **Int.Cl. A61K 36/258 (2006.01) A61K 35/616 (2015.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01)**
[25] EN
[54] **COMPOSITION COMPRISING COMPOSITE EXTRACT FROM GINSENG/RED GINSENG AND SEA CUCUMBER AS EFFECTIVE INGREDIENT FOR PREVENTING OR TREATING BRUCH'S MEMBRANE HYPOFUNCTION-RELATED DISEASE**
[54] **COMPOSITION COMPRENANT UN EXTRAIT COMPOSITE DE GINSENG/GINSENG ROUGE ET DE CONCOMBRE DE MER A TITRE DE PRINCIPE ACTIF POUR PREVENIR OU TRAITER UNE MALADIE LIEE A L'HYPOFONCTION DE LA MEMBRANE DE BRUCH**
[72] LEE, YUNHEE, KR
[72] HUSSAIN, ALI, GB
[72] KIM, DAE BONG, KR
[71] ALTREGEN CO.,LTD., KR
[85] 2019-08-06
[86] 2018-02-08 (PCT/KR2018/001722)
[87] (WO2018/147663)
[30] KR (10-2017-0018196) 2017-02-09
[30] KR (10-2018-0015887) 2018-02-08

[21] **3,052,766**
[13] A1
[51] **Int.Cl. F23R 3/34 (2006.01) F01D 25/06 (2006.01) F23N 5/24 (2006.01) G01H 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR MINIMIZING FORCES ACTING ON TURBINE BLADES IN SPECIFIC FREQUENCY RANGES**
[54] **PROCEDE POUR REDUIRE AU MINIMUM LES FORCES AGISSANT SUR DES AUBES DE TURBINE DANS DES PLAGES DE FREQUENCES SPECIFIQUES**
[72] FURI, MARC, CA
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2019-08-06
[86] 2017-02-08 (PCT/US2017/016881)
[87] (WO2018/147837)

[21] **3,052,767**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HETEROCYCLIC AMIDES AS KINASE INHIBITORS**
[54] **AMIDES HETEROCYCLIQUES EN TANT QU'INHIBITEURS DE KINASE**
[72] ANBARI, JILL MARINIS, US
[72] BERTIN, JOHN J., US
[72] JEONG, JAE U., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2019-08-06
[86] 2018-02-23 (PCT/IB2018/051163)
[87] (WO2018/154520)
[30] US (62/464,016) 2017-02-27
[30] US (62/585,216) 2017-11-13

[21] **3,052,769**
[13] A1
[51] **Int.Cl. G10K 11/16 (2006.01)**
[25] EN
[54] **ACOUSTIC NOISE REDUCTION AND ENERGY GENERATION BARRIER**
[54] **REDUCTION DE BRUIT ACOUSTIQUE ET BARRIERE DE GENERATION D'ENERGIE**
[72] SURJAATMADJA, JIM BASUKI, US
[72] HUNTER, TIMOTHY HOLIMAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-08-06
[86] 2017-05-24 (PCT/US2017/034300)
[87] (WO2018/217199)

[21] **3,052,770**
[13] A1
[51] **Int.Cl. C08F 10/00 (2006.01) C08F 2/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR REDUCING THE LOSS OF CATALYST ACTIVITY OF A ZIEGLER-NATTA CATALYST**
[54] **PROCEDES DE REDUCTION DE PERTE D'ACTIVITE CATALYTIQUE D'UN CATALYSEUR ZIEGLER-NATTA**
[72] SMITH, EDWARD F., US
[72] VAUGHAN, GEORGE A., US
[72] AWE, MICHAEL, US
[72] SOLLEN, JAMES R., CA
[72] COOKE, RONALD N., CA
[72] RAJPUT, SATEESH K., CA
[72] ALI, AHMED H., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2019-08-06
[86] 2017-12-13 (PCT/US2017/065969)
[87] (WO2018/147931)
[30] US (62/455,764) 2017-02-07

[21] **3,052,771**
[13] A1
[51] **Int.Cl. B03D 1/14 (2006.01) C22B 1/00 (2006.01) B03D 1/24 (2006.01)**
[25] EN
[54] **A FLOTATION ARRANGEMENT, ITS USE, A PLANT AND A METHOD**
[54] **AGENCEMENT DE FLOTTAISON, SON UTILISATION, INSTALLATION ET PROCEDE**
[72] BOURKE, PETER, AU
[72] RINNE, ANTTI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-08-06
[86] 2017-02-15 (PCT/FI2017/050094)
[87] (WO2018/150076)

[21] **3,052,772**
[13] A1
[51] **Int.Cl. G16B 50/00 (2019.01) G16B 30/00 (2019.01) G16B 50/10 (2019.01) G16B 50/50 (2019.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR THE RECONSTRUCTION OF GENOMIC REFERENCE SEQUENCES FROM COMPRESSED GENOMIC SEQUENCE READS**
[54] **PROCEDE ET SYSTEMES DE RECONSTRUCTION DE SEQUENCES DE REFERENCE GENOMIQUES A PARTIR DE LECTURES DE SEQUENCES GENOMIQUES COMPRESSEES**
[72] BALUCH, MOHAMED KHOSO, US
[72] ALBERTI, CLAUDIO, CH
[71] GENOMSYS SA, CH
[85] 2019-08-06
[86] 2017-12-14 (PCT/US2017/066458)
[87] (WO2018/151786)
[30] US (PCT/US2017/017842) 2017-02-14
[30] US (PCT/US2017/041579) 2017-07-11

[21] **3,052,773**
[13] A1
[51] **Int.Cl. G16B 50/50 (2019.01) G16B 30/00 (2019.01) G16B 50/00 (2019.01) G16B 50/10 (2019.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR THE EFFICIENT COMPRESSION OF GENOMIC SEQUENCE READS**
[54] **PROCEDE ET SYSTEMES POUR LA COMPRESSION EFFICACE DE LECTURES DE SEQUENCE GENOMIQUE**
[72] BALUCH, MOHAMED KHOSO, US
[72] ALBERTI, CLAUDIO, CH
[71] GENOMSYS SA, CH
[85] 2019-08-06
[86] 2017-12-15 (PCT/US2017/066863)
[87] (WO2018/151788)
[30] US (PCT/US2017/017842) 2017-02-14
[30] US (PCT/US2017/041579) 2017-07-11

[21] **3,052,774**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61P 17/02 (2006.01) C08F 130/02 (2006.01)**
[25] EN
[54] **LIPOSOMIC DRUG-DELIVERY VEHICLES**
[54] **VEHICULES LIPOSOMAUX POUR L'ADMINISTRATION DE MEDICAMENTS**
[72] KLEIN, JACOB, IL
[72] GOLDBERG, RONIT, IL
[72] LIN, WEIFENG, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2019-08-06
[86] 2018-02-16 (PCT/IL2018/050178)
[87] (WO2018/150429)
[30] US (62/459,624) 2017-02-16

[21] **3,052,776**
[13] A1
[51] **Int.Cl. G01V 5/10 (2006.01)**
[25] EN
[54] **METHODS AND MEANS FOR AZIMUTHAL NEUTRON POROSITY IMAGING OF FORMATION AND CEMENT VOLUMES SURROUNDING A BOREHOLE**
[54] **PROCEDES ET MOYENS D'IMAGERIE DE LA POROSITE NEUTRON AZIMUTALE DES VOLUMES DE FORMATION ET DE CIMENT ENTOURANT UN TROU DE FORAGE**
[72] TEAGUE, PHILIP, US
[72] STEWART, ALEX, US
[71] TEAGUE, PHILIP, US
[71] STEWART, ALEX, US
[85] 2019-08-06
[86] 2017-12-20 (PCT/US2017/067536)
[87] (WO2018/147939)
[30] US (15/427,323) 2017-02-08
[30] US (15/589,025) 2017-05-08
[30] US (15/707,220) 2017-09-18
[30] US (15/845,554) 2017-12-18

[21] **3,052,778**
[13] A1
[51] **Int.Cl. B65D 77/06 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **PACKAGED FOOD PRODUCT WITH VEGETABLE COMPONENTS**
[54] **PRODUIT ALIMENTAIRE EMBALLE A BASE DE LEGUMES**
[72] BROWN, RACHEL CATHERINE, US
[72] HARRIS, WILLIAM MATTHEW, US
[72] LOPEZ, JOSUE R. JUARBE, US
[72] PUTNAM, MICHAEL DAVID, US
[72] ROMAN, LINDA C., US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2019-08-06
[86] 2017-12-28 (PCT/US2017/068676)
[87] (WO2018/151793)
[30] US (15/432,883) 2017-02-14

[21] **3,052,779**
[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 35/17 (2015.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01) A61P 37/02 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES FOR TREATMENT OF BCMA-RELATED CANCERS AND AUTOIMMUNE DISORDERS**
[54] **TRAITEMENTS D'ASSOCIATION POUR LE TRAITEMENT DE CANCERS ASSOCIES A BCMA ET DE TROUBLES AUTO-IMMUNS**
[72] RIDDELL, STANLEY R., US
[72] GREEN, DAMIAN, US
[72] HILL, TYLER, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2019-08-06
[86] 2018-02-16 (PCT/US2018/000050)
[87] (WO2018/151836)
[30] US (62/460,612) 2017-02-17
[30] US (62/582,270) 2017-11-06

[21] **3,052,781**
[13] A1
[51] **Int.Cl. A61B 17/50 (2006.01) A61B 1/018 (2006.01) A61B 1/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/ORFOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME**
[54] **METHODE ET APPAREIL DE MANIPULATION DE LA PAROI LATERALE D'UNE LUMIERE CORPORELLE OU D'UNE CAVITE CORPORELLE EN VUE DE FOURNIR UNE MEILLEURE VISUALISATION DE CELLE-CI, ET/OU UN MEILLEUR ACCES A CELLE-CI, ET/OU UNE STABILISATION D'INSTRUMENTS PAR RAPPORT A CELLE-CI**
[72] MILSOM, JEFFREY, US
[72] SHARMA, SAMEER, US
[71] CORNELL UNIVERSITY, US
[85] 2019-08-06
[86] 2018-01-16 (PCT/US2018/013894)
[87] (WO2018/132836)
[30] US (62/446,167) 2017-01-13
[30] US (62/462,241) 2017-02-22

[21] **3,052,782**
[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/11 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS OF SENSING A PATIENT CONDITION, SUCH AS ANATOMY POSITION, AND OF CONTROLLING PATIENT APPLICATIONS**
[54] **APPAREIL ET PROCEDES DE DETECTION DE L'ETAT D'UN PATIENT, TEL QU'UNE POSITION ANATOMIQUE, ET DE COMMANDE D'APPLICATIONS LIEES AU PATIENT**
[72] ARKANS, EDWARD, US
[72] LAKIN, BRIAN, US
[71] GNOTRIX, LLC, US
[85] 2019-08-06
[86] 2018-02-04 (PCT/US2018/016771)
[87] (WO2018/144963)
[30] US (62/455,512) 2017-02-06

[21] **3,052,784**
[13] A1
[51] **Int.Cl. A61L 29/08 (2006.01) A61L 29/16 (2006.01) C11D 3/48 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS, INCLUDING ANTIMICROBIAL HYDROGELS, EFFECTIVE AGAINST MATURE BIOFILMS**
[54] **COMPOSITIONS ANTIMICROBIENNES, COMPRENANT DES HYDROGELS ANTIMICROBIENS, EFFICACES CONTRE DES BIOFILMS MATURES**
[72] DILUCCIO, ROBERT, US
[71] CORMEDIX INC., US
[85] 2019-08-06
[86] 2018-01-03 (PCT/US2018/012192)
[87] (WO2018/129050)
[30] US (62/442,775) 2017-01-05

[21] **3,052,785**
[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01) H04W 88/08 (2009.01)**
[25] EN
[54] **MULTI-SITE MIMO COMMUNICATIONS SYSTEM WITH HYBRID BEAMFORMING IN L1-SPLIT ARCHITECTURE**
[54] **SYSTEME DE COMMUNICATION MIMO MULTI-SITE A FORMATION DE FAISCEAU HYBRIDE DANS UNE ARCHITECTURE DIVISEE DE L1**
[72] LEE, JUNG AH, US
[71] ALTIOSTAR NETWORKS, INC., US
[85] 2019-08-06
[86] 2018-02-06 (PCT/US2018/016988)
[87] (WO2018/145062)
[30] US (62/455,315) 2017-02-06

[21] **3,052,786**
[13] A1
[51] **Int.Cl. B05C 11/02 (2006.01) C12Q 1/24 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **COMPRESSED OPEN FLOW ASSAY AND USE**
[54] **DOSAGE ET UTILISATION D'ECOULEMENT OUVERT COMPRIME**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-06
[86] 2018-02-07 (PCT/US2018/017307)
[87] (WO2018/148342)
[30] US (62/456,065) 2017-02-07
[30] US (62/456,504) 2017-02-08
[30] US (62/459,972) 2017-02-16
[30] US (62/460,062) 2017-02-16

[21] **3,052,787**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/12 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **MULTI-TECHNOLOGY AGGREGATION ARCHITECTURE FOR LONG TERM EVOLUTION COMMUNICATIONS SYSTEMS**
[54] **ARCHITECTURE D'AGREGATION MULTI-TECHNOLOGIE POUR SYSTEMES DE COMMUNICATION A EVOLUTION A LONG TERME**
[72] LEE, JUNG AH, US
[72] NGUYEN, SI, US
[72] BAGASRAWALA, SHABBIR A., US
[71] ALTIOSTAR NETWORKS, INC., US
[85] 2019-08-06
[86] 2018-02-06 (PCT/US2018/016989)
[87] (WO2018/145063)
[30] US (62/455,327) 2017-02-06

[21] **3,052,788**
[13] A1
[51] **Int.Cl. A61F 5/05 (2006.01) A61F 5/37 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **ANATOMICAL GRIPPING SYSTEM FOR GRIPPING THE LEG AND FOOT OF A PATIENT WHEN EFFECTING HIP DISTRACTION AND/OR WHEN EFFECTING LEG POSITIONING**
[54] **SYSTEME DE PREHENSION ANATOMIQUE POUR SAISIR LA JAMBE ET LE PIED D'UN PATIENT LORS DE LA REALISATION D'UNE DISTRACTION DE LA HANCHE ET/OU LORS DE LA REALISATION D'UN POSITIONNEMENT DE JAMBE**
[72] KAISER, WILLIAM, US
[72] KOVACEVICH, IAN, US
[72] GRAUL, JEREMY, US
[72] PARKER, JOHN, US
[72] BANSASINE, NOUPHONE, US
[72] FLOM, JAMES, US
[71] STRYKER CORP., US
[85] 2019-08-06
[86] 2018-02-06 (PCT/US2018/017078)
[87] (WO2018/145096)
[30] US (62/455,154) 2017-02-06
[30] US (62/546,629) 2017-08-17

[21] **3,052,789**
[13] A1
[51] **Int.Cl. G09F 13/16 (2006.01) B60Q 7/00 (2006.01) B60R 5/00 (2006.01) B60R 13/10 (2006.01) G09F 7/18 (2006.01) G09F 13/22 (2006.01) G09F 21/04 (2006.01)**
[25] EN
[54] **A WARNING DEVICE FOR A VEHICLE**
[54] **DISPOSITIF D'AVERTISSEMENT POUR UN VEHICULE**
[72] WORNHAM, STEPHEN, GB
[71] ROAD SAFETY DESIGNS LIMITED, GB
[85] 2019-08-06
[86] 2018-02-08 (PCT/GB2018/050358)
[87] (WO2018/146478)
[30] GB (1702228.6) 2017-02-10

[21] **3,052,790**
[13] A1
[51] **Int.Cl. C08L 23/14 (2006.01) C08K 5/01 (2006.01) C08K 5/103 (2006.01) C08K 5/315 (2006.01) C08L 23/10 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING HETEROPHASIC POLYMER COMPOSITIONS**
[54] **PROCEDE DE FABRICATION DE COMPOSITIONS POLYMERES HETEROPHASIQUES**
[72] TRENOR, SCOTT R., US
[72] SPRINKLE, JASON D., US
[71] MILLIKEN & COMPANY, US
[85] 2019-08-06
[86] 2018-01-19 (PCT/US2018/014376)
[87] (WO2018/156278)
[30] US (62/461,600) 2017-02-21

[21] **3,052,791**
[13] A1
[51] **Int.Cl. H03F 1/52 (2006.01) H04N 21/233 (2011.01) H04N 21/436 (2011.01) H04N 21/4363 (2011.01) H01J 37/32 (2006.01) H03F 3/183 (2006.01) H03F 3/189 (2006.01) H03K 17/082 (2006.01) H05H 1/46 (2006.01)**
[25] EN
[54] **A/V INTERCONNECTION ARCHITECTURE INCLUDING AN AUDIO DOWN-MIXING TRANSMITTER A/V ENDPOINT AND DISTRIBUTED CHANNEL AMPLIFICATION**
[54] **ARCHITECTURE D'INTERCONNEXION A/V COMPRENANT UN POINT D'EXTREMITE A/V EMETTEUR A MELANGEUR ABAISSEUR AUDIO ET UNE AMPLIFICATION DE CANAL DISTRIBUEE**
[72] ALLEN, JAMES F., US
[72] BALDINO, GARY M., US
[72] BILLINGS, JOHN D., US
[72] LOCASCIO, TIMOTHY R., US
[72] MADONNA, ROBERT P., US
[71] SAVANT SYSTEMS, LLC, US
[71] ALLEN, JAMES F., US
[71] BALDINO, GARY M., US
[71] BILLINGS, JOHN D., US
[71] LOCASCIO, TIMOTHY R., US
[71] MADONNA, ROBERT P., US
[85] 2019-08-06
[86] 2018-02-06 (PCT/US2018/017087)
[87] (WO2018/145101)
[30] US (62/454,915) 2017-02-06
[30] US (62/555,029) 2017-09-06

[21] **3,052,792**
[13] A1
[51] **Int.Cl. B22D 27/04 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B22C 9/02 (2006.01) B22D 15/00 (2006.01) B28B 1/00 (2006.01) B28B 7/34 (2006.01)**
[25] EN
[54] **MOLD BODY WITH INTEGRATED CHILL**
[54] **CORPS DE MOULE A REFROIDISSEMENT INTEGRE**
[72] BOYLE, ADAM TAYLOR, US
[72] VANBECELAERE, NATHAN PADRIAC, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-08-06
[86] 2018-01-19 (PCT/US2018/014444)
[87] (WO2018/144244)
[30] US (15/425,055) 2017-02-06

[21] **3,052,793**
[13] A1
[51] **Int.Cl. A61F 5/04 (2006.01) A61F 5/042 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **DISTRACTION FRAME FOR EFFECTING HIP DISTRACTION**
[54] **CADRE DE DISTRACTION POUR EFFECTUER UNE DISTRACTION DE LA HANCHE**
[72] SMITH, CONRAD, US
[72] KAISER, WILLIAM, US
[72] BOWLES, CHRIS, US
[72] LOPES, EDSON, US
[72] CARDENAS, RUBEN, US
[72] MALCOLM, ROGER J., US
[71] STRYKER CORP., US
[85] 2019-08-06
[86] 2018-02-06 (PCT/US2018/017099)
[87] (WO2018/145108)
[30] US (62/455,238) 2017-02-06
[30] US (62/546,686) 2017-08-17

[21] **3,052,794**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **INSECTICIDAL COMBINATIONS OF PLANT DERIVED INSECTICIDAL PROTEINS AND METHODS FOR THEIR USE**
[54] **ASSOCIATIONS INSECTICIDES DE PROTEINES INSECTICIDES D'ORIGINE VEGETALE ET LEURS PROCEDES D'UTILISATION**
[72] BARRETT, CHAD THOMAS, US
[72] HU, XU, US
[72] LU, ALBERT L., US
[72] RUTTMAN, LAURA J., US
[72] WU, GUSUI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2019-08-06
[86] 2018-01-22 (PCT/US2018/014682)
[87] (WO2018/148001)
[30] US (62/456,227) 2017-02-08

[21] **3,052,795**
[13] A1
[51] **Int.Cl. C02F 1/04 (2006.01) C02F 1/20 (2006.01) C02F 1/28 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **WATER TREATMENT AND DESALINATION**
[54] **TRAITEMENT ET DESSALEMENT DE L'EAU**
[72] THIERS, EUGENE, US
[72] LUM, GARY, US
[72] MARIANO, JORDI PEREZ, US
[72] KARLSON, DOUGLAS, US
[72] DEMMONS, LAURA, US
[72] BAYLEY, BRIAN, US
[71] SYLVAN SOURCE, INC., US
[71] THIERS, EUGENE, US
[71] LUM, GARY, US
[71] MARIANO, JORDI PEREZ, US
[71] KARLSON, DOUGLAS, US
[71] DEMMONS, LAURA, US
[71] BAYLEY, BRIAN, US
[85] 2019-08-06
[86] 2018-02-07 (PCT/US2018/017170)
[87] (WO2018/148247)
[30] US (62/456,064) 2017-02-07
[30] US (62/468,819) 2017-03-08

[21] **3,052,796**
[13] A1
[51] **Int.Cl. A61K 31/145 (2006.01) A61P 11/06 (2006.01) C07C 323/25 (2006.01)**
[25] EN
[54] **TREATMENT OF ASTHMA WITH CYSTEAMINE**
[54] **TRAITEMENT DE L'ASTHME FAISANT INTERVENIR DE LA CYSTEAMINE**
[72] HERSHEY, GURJIT K., US
[72] BIAGINI-MYERS, JOCELYN, US
[72] JI, HONG, US
[72] MARTIN, LISA J., US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2019-08-06
[86] 2018-02-07 (PCT/US2018/017183)
[87] (WO2018/148254)
[30] US (62/455,661) 2017-02-07
[30] US (62/579,406) 2017-10-31

[21] **3,052,798**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/6874 (2018.01)**
[25] EN
[54] **METHODS FOR DETERMINING BREAST CANCER RISK**
[54] **PROCEDE DE DETERMINATION D'UN RISQUE DE CANCER DU SEIN**
[72] POOLA, INDIRA, US
[71] SILBIOTECH, INC., US
[85] 2019-08-06
[86] 2018-02-07 (PCT/US2018/017222)
[87] (WO2018/148278)
[30] US (62/456,533) 2017-02-08

[21] **3,052,800**
[13] A1
[51] **Int.Cl. F16K 1/46 (2006.01)**
[25] EN
[54] **MECHANICALLY-RETAINED SEALING DISKS FOR USE WITH FLUID REGULATORS**
[54] **DISQUES D'ETANCHEITE A RETENUE MECANIQUE POUR UTILISATION AVEC DES REGULATEURS DE FLUIDE**
[72] LIN, CHUN, US
[72] PELFREY, RON, US
[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
[85] 2019-08-06
[86] 2018-01-24 (PCT/US2018/015016)
[87] (WO2018/144279)
[30] US (15/425,638) 2017-02-06

[21] **3,052,801**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **SINGLE-STRANDED OLIGONUCLEOTIDE**
[54] **OLIGONUCLEOTIDE MONOBRIN**
[72] IRIYAMA YUSUKE, JP
[72] NAKAJIMA HIROYUKI, JP
[72] KANAKI TATSURO, JP
[72] NIWA MASATOSHI, JP
[71] NISSAN CHEMICAL CORPORATION, JP
[85] 2019-08-06
[86] 2018-02-06 (PCT/JP2018/004052)
[87] (WO2018/143475)
[30] JP (2017-019796) 2017-02-06
[30] JP (2017-144822) 2017-07-26

[21] **3,052,802**
[13] A1
[51] **Int.Cl. A63C 3/10 (2006.01) B24D 15/06 (2006.01)**
[25] EN
[54] **SKATE BLADE SHARPENER WITH INDEXING STONE**
[54] **AFFUTEUR DE LAME DE PATIN A PIERRE D'INDEXATION**
[72] DOWNEN, DANIEL, US
[71] MAINTAIN YOUR EDGE, LLC, US
[85] 2019-08-06
[86] 2018-02-02 (PCT/US2018/016681)
[87] (WO2018/144894)
[30] US (15/425,026) 2017-02-06

[21] **3,052,803**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/513 (2006.01) A61K 31/675 (2006.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MAXIMIZING T-CELL MEMORY AND COMPOSITIONS AND METHODS THEREFOR**
[54] **MAXIMISATION DE LA MEMOIRE DE CELLULES T, COMPOSITIONS ET METHODES ASSOCIEES**
[72] RABIZADEH, SHAHROOZ, US
[72] NIAZI, KAYVAN, US
[72] SOON-SHIONG, PATRICK, US
[71] NANTCELL, INC., US
[71] NANT HOLDINGS IP, LLC, US
[85] 2019-08-06
[86] 2018-02-08 (PCT/US2018/017383)
[87] (WO2018/148381)
[30] US (62/455,999) 2017-02-07

[21] **3,052,804**
[13] A1
[51] **Int.Cl. A23B 7/005 (2006.01) A23B 7/015 (2006.01) A23B 7/04 (2006.01) A23B 7/045 (2006.01) A23B 7/06 (2006.01) A23B 7/10 (2006.01) B65B 29/06 (2006.01) B65B 29/08 (2006.01) B65D 65/02 (2006.01) B65D 75/00 (2006.01) B65D 81/32 (2006.01) B65D 81/34 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **PROCESS FOR MAINTAINING FRESHNESS OF VEGETABLE PIECES**
[54] **PROCEDE POUR MAINTENIR LA FRAICHEUR DE MORCEAUX DE LEGUMES**
[72] BANDOH, KWAKU, US
[72] BROWN, RACHEL CATHERINE, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2019-08-06
[86] 2017-12-28 (PCT/US2017/068677)
[87] (WO2018/151794)
[30] US (15/432,875) 2017-02-14

[21] **3,052,805**
[13] A1
[51] **Int.Cl. B65G 69/30 (2006.01) A01D 90/10 (2006.01) B65G 41/00 (2006.01) B65G 47/18 (2006.01) B65G 65/02 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **MATERIAL UNLOADER APPARATUS, SYSTEMS AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE DECHARGEMENT DE MATERIAU**
[72] IGOE, COLUM, US
[71] SUPERIOR INDUSTRIES, INC., US
[85] 2019-08-06
[86] 2018-02-08 (PCT/US2018/017440)
[87] (WO2018/148421)
[30] US (62/456,508) 2017-02-08

[21] **3,052,806**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 17/00 (2006.01) A61B 17/22 (2006.01) A61B 17/34 (2006.01) A61M 25/01 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **TRANSCATHETER DEVICE FOR INTERATRIAL ANASTOMOSIS**
[54] **DISPOSITIF TRANSCATHETER POUR ANASTOMOSE INTERAURICULAIRE**
[72] AREVALOS, CHRISTOPHER ALEXANDER, US
[72] GREIJDANUS, ALBERTIEN, US
[72] KRIEGEL, JACOB, US
[72] PATEL, AVNI, US
[71] TEXAS MEDICAL CENTER, US
[85] 2019-08-06
[86] 2018-02-08 (PCT/US2018/017487)
[87] (WO2018/148456)
[30] US (62/457,605) 2017-02-10
[30] US (62/473,027) 2017-03-17
[30] US (62/532,223) 2017-07-13
[30] US (62/558,178) 2017-09-13

[21] **3,052,809**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 21/77 (2006.01) G01N 33/543 (2006.01) G01N 33/82 (2006.01)**
[25] EN
[54] **QMAX ASSAYS AND APPLICATIONS**
[54] **DOSAGES QMAX ET APPLICATIONS**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[72] LI, JI, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-06
[86] 2018-02-08 (PCT/US2018/017499)
[87] (WO2018/152005)
[30] US (62/456,628) 2017-02-08
[30] US (62/456,631) 2017-02-08
[30] US (62/456,528) 2017-02-08
[30] US (62/456,585) 2017-02-08
[30] US (62/456,537) 2017-02-08

[21] **3,052,810**
[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) C07D 517/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **BENZOTHIOPHENE ESTROGEN RECEPTOR MODULATORS**
[54] **MODULATEURS DU RECEPTEUR DES □STROGENES DE BENZOTHIOPHENE**
[72] STRUM, JAY COPELAND, US
[71] G1 THERAPEUTICS, INC., US
[85] 2019-08-06
[86] 2018-02-09 (PCT/US2018/017668)
[87] (WO2018/148576)
[30] US (62/457,643) 2017-02-10
[30] US (62/460,358) 2017-02-17
[30] US (62/614,279) 2018-01-05

[21] **3,052,812**
[13] A1
[51] **Int.Cl. A01H 1/06 (2006.01) A01K 61/10 (2017.01) A01K 61/90 (2017.01) A01K 67/02 (2006.01) C12N 15/01 (2006.01)**
[25] EN
[54] **DEVELOPMENT OF YY MALE FISH BROODSTOCKS IN A SINGLE GENERATION**
[54] **DEVELOPPEMENT DE REPRODUCTEURS DE POISSONS MALES YY EN UNE SEULE GENERATION**
[72] SCHILL, DANIEL J., US
[71] SCHILL, DANIEL J., US
[85] 2019-08-06
[86] 2018-02-09 (PCT/US2018/017705)
[87] (WO2018/148601)
[30] US (62/457,033) 2017-02-09
[30] US (62/483,747) 2017-04-10

[21] **3,052,813**
[13] A1
[51] **Int.Cl. H01R 4/64 (2006.01) H01R 4/30 (2006.01) H01R 4/66 (2006.01) H01R 11/12 (2006.01) H01R 13/52 (2006.01) H01R 13/631 (2006.01)**
[25] EN
[54] **EARTHING CONTACT**
[54] **CONTACT DE MISE A LA MASSE**
[72] FOSER, THOMAS, LI
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2019-08-06
[86] 2018-04-17 (PCT/EP2018/059714)
[87] (WO2018/192899)
[30] EP (17166858.5) 2017-04-18

[21] **3,052,814**
[13] A1
[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/03 (2006.01) C09K 8/035 (2006.01) C09K 8/32 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **IMPROVED RHEOLOGY DRILLING FLUID AND METHOD**
[54] **FLUIDE DE FORAGE A RHEOLOGIE AMELIOREE ET PROCEDE ASSOCIE**
[72] LU, SHAWN, US
[72] PEREZ, JOSE, US
[72] BRIGNAC, CHASE M., US
[72] ROY, SANJIT, US
[71] Q'MAX SOLUTIONS INC., US
[85] 2019-08-06
[86] 2018-02-12 (PCT/US2018/017827)
[87] (WO2018/148661)
[30] US (62/458,272) 2017-02-13
[30] US (15/893,920) 2018-02-12

[21] **3,052,815**
[13] A1
[51] **Int.Cl. F16L 13/02 (2006.01) B21D 41/04 (2006.01) B23K 9/02 (2006.01) B23K 9/23 (2006.01) E21B 17/04 (2006.01)**
[25] EN
[54] **WORK HARDENED WELDS AND METHODS FOR SAME**
[54] **SOUDURES ECROUIES ET PROCEDES ASSOCIES**
[72] KIM, YONG JOO, US
[72] OBERMARK, STEPHEN DOUGLAS, US
[72] SUMMERS, BRENT MICHAEL, US
[72] HANES, AUSTIN TYLER, US
[72] OBERMARK, WILLIAM FRANCIS, US
[71] WEBCO INDUSTRIES, INC., US
[85] 2019-08-06
[86] 2018-02-13 (PCT/US2018/017971)
[87] (WO2018/148718)
[30] US (62/458,507) 2017-02-13
[30] US (62/485,645) 2017-04-14

[21] **3,052,821**
[13] A1
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **TRANSDERMAL DRUG DELIVERY DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT**
[72] BUCHMAN, DANIELA TAMAR, US
[72] TONG, LING-KANG, US
[72] WRIGHT, MICHAEL THOMAS, US
[72] HARTMAN, ADAM BLAKE, US
[71] CHRONO THERAPEUTICS INC., US
[85] 2019-08-06
[86] 2018-02-13 (PCT/US2018/018047)
[87] (WO2018/148746)
[30] US (62/458,325) 2017-02-13

[21] **3,052,824**
[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE COMPACT REPRESENTATION OF BIOINFORMATICS DATA USING MULTIPLE GENOMIC DESCRIPTORS**
[54] **PROCEDE ET APPAREIL POUR LA REPRESENTATION COMPACTE DE DONNEES BIOINFORMATIQUES AU MOYEN DE PLUSIEURS DESCRIPTEURS GENOMIQUES**
[72] BALUCH, MOHAMED KHOSO, US
[72] ALBERTI, CLAUDIO, CH
[72] ZOIA, GIORGIO, CH
[72] RENZI, DANIELE, CH
[71] GENOMSYS SA, CH
[85] 2019-08-06
[86] 2018-02-14 (PCT/US2018/018092)
[87] (WO2018/152143)
[30] US (PCT/US2017/017842) 2017-02-14
[30] US (PCT/US2017/041591) 2017-07-11

[21] **3,052,827**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 23/00 (2016.01)**
[25] EN
[54] **FASTING-MIMICKING DIET**
[54] **REGIME IMITANT UN JEUNE**
[72] BRANDHORST, SEBASTIAN, US
[72] LONGO, VALTER D., US
[72] WEI, MIN, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2019-08-06
[86] 2018-02-14 (PCT/US2018/018116)
[87] (WO2018/152160)
[30] US (15/432,803) 2017-02-14

[21] **3,052,828**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **DANGEROUS GOODS SHIPPING MANAGEMENT SYSTEMS**
[54] **SYSTEME DE GESTION D'EXPEDITION DE MARCHANDISES DANGEREUSES**
[72] BONIN, PAUL, US
[72] ENGBERG, KAJ, US
[72] COLLINS, SHAWN, US
[72] JANNEY, TAYLOR, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2019-08-06
[86] 2018-02-14 (PCT/US2018/018186)
[87] (WO2018/152206)
[30] US (62/458,729) 2017-02-14
[30] US (15/895,767) 2018-02-13

[21] **3,052,829**
[13] A1
[51] **Int.Cl. C12N 15/861 (2006.01) A61K 48/00 (2006.01) C07K 14/00 (2006.01) C12N 7/00 (2006.01) C12N 7/02 (2006.01) C12N 7/04 (2006.01) C12N 15/34 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR GENE TRANSFER ACROSS THE VASCULATURE**
[54] **METHODES ET COMPOSITIONS POUR LE TRANSFERT DE GENES A TRAVERS LE SYSTEME VASCULAIRE**
[72] ASOKAN, ARAVIND, US
[72] MURLIDHARAN, GIRIDHAR, US
[72] ALBRIGHT, BLAKE, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2019-08-06
[86] 2018-02-15 (PCT/US2018/018381)
[87] (WO2018/152333)
[30] US (62/459,286) 2017-02-15

[21] **3,052,830**
[13] A1
[51] **Int.Cl. E04B 1/21 (2006.01) E04B 1/38 (2006.01) E04B 1/41 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR CONSTRUCTING A CONCRETE STRUCTURE**
[54] **PROCEDES ET APPAREILS PERMETTANT DE CONSTRUIRE UNE STRUCTURE EN BETON**
[72] ZAVITZ, BRYANT, US
[72] KIRKLEY, KEVIN, US
[72] SIGMON, CHRIS, US
[72] WILLIS, MICHAEL, US
[72] NAJI, BEHNAM, US
[71] TINDALL CORPORATION, US
[85] 2019-08-06
[86] 2018-02-15 (PCT/US2018/018391)
[87] (WO2018/152341)
[30] US (62/459,060) 2017-02-15

[21] **3,052,831**
[13] A1
[51] **Int.Cl. G02B 5/30 (2006.01) G06T 19/00 (2011.01) G02B 27/01 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **VARIABLE-FOCUS VIRTUAL IMAGE DEVICES BASED ON POLARIZATION CONVERSION**
[54] **DISPOSITIFS D'IMAGE VIRTUELLE A FOCALE VARIABLE BASES SUR UNE CONVERSION DE POLARISATION**
[72] OH, CHULWOO, US
[71] MAGIC LEAP, INC., US
[85] 2019-08-06
[86] 2018-02-22 (PCT/US2018/019257)
[87] (WO2018/156784)
[30] US (62/462,850) 2017-02-23

[21] **3,052,833**
[13] A1
[51] **Int.Cl. D01D 5/12 (2006.01) D01D 5/08 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING A FILAMENT AND RESPECTIVE OPERATING METHOD**
[54] **DISPOSITIF DE PRODUCTION DE FILAMENT ET PROCEDE DE FONCTIONNEMENT ASSOCIE**
[72] LIMA DE AGUIAR, MARTIM, PT
[72] DE FIGUEIREDO DINIS OLIVEIRA GASPAR, PEDRO MIGUEL, PT
[71] UNIVERSIDADE DA BEIRA INTERIOR, PT
[85] 2019-07-31
[86] 2018-03-23 (PCT/IB2018/051989)
[87] (WO2018/172993)
[30] PT (109990) 2017-03-24

[21] **3,052,834**
[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01) G06F 3/01 (2006.01) G06T 7/00 (2017.01) H04N 13/00 (2018.01)**
[25] EN
[54] **VIRTUAL AND REAL OBJECT RECORDING IN MIXED REALITY DEVICE**
[54] **ENREGISTREMENT D'OBJET REEL ET VIRTUEL DANS UN DISPOSITIF DE REALITE MIXTE**
[72] HUANG, ZIQIANG, US
[71] MAGIC LEAP, INC., US
[85] 2019-08-06
[86] 2018-02-27 (PCT/US2018/020020)
[87] (WO2018/160593)
[30] US (62/464,757) 2017-02-28

[21] **3,052,835**
[13] A1
[51] **Int.Cl. B21D 26/047 (2011.01) B21D 22/02 (2006.01)**
[25] EN
[54] **FORMING DEVICE AND FORMING METHOD**
[54] **DISPOSITIF DE MOULAGE ET PROCEDE DE MOULAGE**
[72] NOGIWA, IMIHIRO, JP
[72] ISHIZUKA, MASAYUKI, JP
[72] SAIKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2019-07-09
[86] 2018-02-06 (PCT/JP2018/003956)
[87] (WO2018/168259)
[30] JP (2017-052608) 2017-03-17

[21] **3,052,836**
[13] A1
[51] **Int.Cl. F03B 13/00 (2006.01)**
[25] EN
[54] **FLOATING DRUM TURBINE FOR ELECTRICITY GENERATION**
[54] **TURBINE A TAMBOUR FLOTTANT POUR LA PRODUCTION D'ELECTRICITE**
[72] NAJAFIAN, SHAHRIAR, IR
[71] NAJAFIAN, SHAHRIAR, IR
[85] 2019-08-05
[86] 2017-02-07 (PCT/IB2017/050640)
[87] (WO2018/146511)

[21] **3,052,837**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **CYSTEINE MUTATED ANTIBODIES FOR CONJUGATION**
[54] **ANTICORPS AYANT SUBI UNE MUTATION DE CYSTEINE POUR CONJUGAISON**
[72] WAIGHT, ANDREW, US
[72] LEISKE, CHRIS, US
[72] BIECHELE, TRAVIS, US
[72] SUSSMAN, DJANGO, US
[72] BURKE, PATRICK, US
[72] LEISKE, JOCELYN, US
[71] SEATTLE GENETICS, INC., US
[85] 2019-08-02
[86] 2018-02-28 (PCT/US2018/020206)
[87] (WO2018/160683)
[30] US (62/465,129) 2017-02-28
[30] US (62/561,151) 2017-09-20

[21] **3,052,838**
[13] A1
[51] **Int.Cl. C08G 8/22 (2006.01) C08L 61/12 (2006.01) C08L 61/14 (2006.01) C08L 77/00 (2006.01) C09J 161/14 (2006.01) C08L 21/00 (2006.01)**
[25] EN
[54] **NOVOLAC RESINS AND USE IN RUBBER COMPOSITIONS**
[54] **RESINES NOVOLAQUES ET LEURS UTILISATION DANS DES COMPOSITIONS DE CAOUTCHOUC**
[72] ITAHASHI, TAMON, US
[72] MCNAUGHTON, DAVID P., US
[72] TAJIMA, KOICHIRO, US
[72] WALKUP, C. MICHAEL, US
[71] SUMITOMO CHEMICAL ADVANCED TECHNOLOGIES LLC, D.B.A. SUMIKA ELECTRONIC MATERIALS, US
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2019-08-06
[86] 2018-02-28 (PCT/US2018/020302)
[87] (WO2018/160750)
[30] US (62/464,894) 2017-02-28

[21] **3,052,839**
[13] A1
[51] **Int.Cl. A61F 2/04 (2013.01) A61F 2/07 (2013.01)**
[25] EN
[54] **ESOPHAGEAL STENT INCLUDING AN INNER LINER**
[54] **STENT OESOPHAGIEN COMPRENANT UN REVETEMENT INTERNE**
[72] FOLAN, MARTYN G., IE
[72] KEATING, THOMAS M., IE
[72] DEVIERE, JACQUES, BE
[72] CAUCHE, NICOLAS, BE
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
[85] 2019-08-06
[86] 2018-03-01 (PCT/US2018/020474)
[87] (WO2018/160851)
[30] US (62/466,025) 2017-03-02

[21] **3,052,840**
[13] A1
[51] **Int.Cl. B65G 21/12 (2006.01) B65D 88/12 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **A MODULAR CONVEYANCE SYSTEM**
[54] **SYSTEME DE TRANSPORT MODULAIRE**
[72] SMITH, BENJAMIN JOHN, AU
[71] CONVEYOR MANUFACTURERS AUSTRALIA PTY LTD, AU
[85] 2019-08-07
[86] 2018-02-08 (PCT/AU2018/000016)
[87] (WO2018/145144)
[30] AU (2017900388) 2017-02-08

[21] **3,052,841**
[13] A1
[51] **Int.Cl. G01N 1/14 (2006.01) G01N 1/10 (2006.01) G01N 1/22 (2006.01) G01N 1/24 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN FLUID SAMPLING**
[54] **AMELIORATIONS APPORTEES A UN ECHANTILLONNAGE DE FLUIDE**
[72] SMITH, JARROD NIGEL, AU
[71] WILLINGDON PROPERTIES PTY. LTD., AU
[85] 2019-08-07
[86] 2018-02-07 (PCT/AU2018/050086)
[87] (WO2018/145149)
[30] AU (2017900363) 2017-02-07

[21] **3,052,842**
[13] A1
[51] **Int.Cl. E04B 5/48 (2006.01) E04C 2/52 (2006.01) F24D 5/10 (2006.01)**
[25] EN
[54] **PRE-CAST CONCRETE FLOORING SYSTEMS AND METHODS OF USE**
[54] **SYSTEMES DE PLANCHER EN BETON PRE-COULE ET PROCEDES D'UTILISATION**
[72] PLACE, WAYNE, US
[72] HU, JIANXIN, US
[72] FORCE, GREG, US
[72] ZAVITZ, BRYANT, US
[72] KIRKLEY, KEVIN, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[71] TINDALL CORPORATION, US
[85] 2019-08-06
[86] 2018-03-07 (PCT/US2018/021375)
[87] (WO2018/165321)
[30] US (62/467,878) 2017-03-07

[21] **3,052,843**
[13] A1
[51] **Int.Cl. C08L 89/00 (2006.01)**
[25] EN
[54] **NATURAL BINDER FOR BINDING ANY KIND OF BIOMASS AND COUNTLESS WASTE MATERIALS, AND COMPOSITE MATERIALS OBTAINED THEREBY**
[54] **LIANT NATUREL POUR LIER N'IMPORTE QUEL TYPE DE BIOMASSE ET MATERIAUX DE DECHETS SANS VALEUR, ET MATERIAUX COMPOSITES AINSI OBTENUS**
[72] CANTI, ENRICO, IT
[71] CANTI, ENRICO, IT
[85] 2019-08-07
[86] 2017-02-10 (PCT/IB2017/050744)
[87] (WO2018/146517)

[21] **3,052,845**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR IDENTIFYING A DEFINED OBJECT**
[54] **SYSTEME D'IDENTIFICATION D'UN OBJET DEFINI**
[72] KIRCHNER, NATHAN GRAHAM EDWARD, AU
[71] LAING O'ROURKE AUSTRALIA PTY LTD, AU
[85] 2019-08-07
[86] 2018-02-08 (PCT/AU2018/050095)
[87] (WO2018/145158)
[30] AU (2017900403) 2017-02-09

[21] **3,052,851**
[13] A1
[51] **Int.Cl. C01B 32/182 (2017.01) C01B 32/184 (2017.01) C01B 32/194 (2017.01) C01B 32/215 (2017.01)**
[25] EN
[54] **GRAPHENIC CARBON NANOPARTICLES HAVING A LOW POLYAROMATIC HYDROCARBON CONCENTRATION AND PROCESSES OF MAKING SAME**
[54] **NANOPARTICULES DE CARBONE GRAPHENIQUE AYANT UNE FAIBLE CONCENTRATION EN HYDROCARBURE POLYAROMATIQUE ET LEURS PROCEDES DE FABRICATION**
[72] KROEGER, JENS, CA
[72] LAROUCHE, NICHOLAS, CA
[72] LAROUCHE, FREDERIC, CA
[72] BALMAYER, MATTHIEU, CA
[71] RAYMOR INDUSTRIES INC., CA
[85] 2019-08-07
[86] 2018-02-08 (PCT/CA2018/050145)
[87] (WO2018/145207)
[30] US (62/457,472) 2017-02-10

[21] **3,052,852**
[13] A1
[51] **Int.Cl. G02B 6/52 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DEPLOYING OPTICAL FIBER**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DEPLOYER UNE FIBRE OPTIQUE**
[72] HULL, JOHN, CA
[72] GULEWICZ, NEIL, CA
[72] SOKOLOWSKI, ROBERT, CA
[72] PLETNYOV, ALEX, CA
[72] CHEUK, PHILIP, CA
[72] JALILIAN, SEYED EHSAN, CA
[72] MERHI, SOUHEIL, CA
[71] HIFI ENGINEERING INC., CA
[85] 2019-08-07
[86] 2018-02-09 (PCT/CA2018/050152)
[87] (WO2018/148824)
[30] US (62/458,967) 2017-02-14

[21] **3,052,866**
[13] A1
[51] **Int.Cl. B62B 7/12 (2006.01) B62B 7/06 (2006.01) B62B 9/12 (2006.01) B62B 9/20 (2006.01)**
[25] EN
[54] **PUSH-TO-PULL CONVERTIBLE CARRIAGE**
[54] **CHARIOT CONVERTIBLE "PRESSION-TRACTION"**
[72] JOHNSON, JERRY RICHMOND, CA
[71] RUNOCEROS FITNESS CORPORATION, CA
[85] 2019-08-07
[86] 2018-02-14 (PCT/CA2018/050163)
[87] (WO2018/148826)
[30] US (62/459,465) 2017-02-15

[21] **3,052,867**
[13] A1
[51] **Int.Cl. B21B 25/00 (2006.01)**
[25] EN
[54] **CONTINUOUS TUBE ROLLING METHOD AND MANDREL ASSEMBLY FOR THE IMPLEMENTATION THEREOF**
[54] **PROCEDE DE LAMINAGE ININTERROMPU DE TUBES ET UNITE A MANDRINER POUR SA MISE EN OEUVRE**
[72] KLACHKOV, ALEXANDER ANATOLYEVICH, RU
[72] PYSHMINTSEV, IGOR YURYEVICH, RU
[72] VYDRIN, ALEXANDER VLADIMIROVICH, RU
[72] STRUIN, DMITRIY OLEGOVICH, RU
[72] GOROZHANIN, PAVEL YURYEVICH, RU
[72] TRUTNEV, NIKOLAY VLADIMIROVICH, RU
[72] TOPOROV, VLADIMIR ALEXANDROVICH, RU
[72] LUBE, IVAN IGOREVICH, RU
[72] SHKURATOV, EVGENIY ALEXANDROVICH, RU
[72] CHERNYKH, IVAN NIKOLAEVICH, RU
[72] KUZNETSOV, ALEXANDER NIKOLAEVICH, RU
[72] LOKHANOV, DMITRIY VALERIEVICH, RU
[72] MAMCHENKO, VLADISLAV ANATOLYEVICH, RU
[72] PYATKOV, VLADIMIR LEONIDOVICH, RU
[72] PYANKOV, BORIS GRIGORYEVICH, RU
[72] ERSHOV, IGOR ANATOLYEVICH, RU
[71] PUBLICHNOE AKTSIONERNOE OBSHCHESTVO "TRUBNAYA METALLURGICHESKAYA KOMPANIYA" (PAO "TMK"), RU
[85] 2019-08-07
[86] 2017-05-10 (PCT/RU2017/000296)
[87] (WO2018/208184)

[21] **3,052,869**
[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) G06F 3/0482 (2013.01) G06F 3/0487 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TOUCHLESS CONTROL OF SURGICAL ENVIRONMENT**
[54] **PROCEDES ET SYSTEMES DE COMMANDE SANS CONTACT D'UN ENVIRONNEMENT CHIRURGICAL**
[72] ZIRAKNEJAD, NIMA, CA
[72] SAXENA, PRANAV, CA
[72] PORWAL, ANSHUL, CA
[72] KUMAR, NAMEET, CA
[71] NZ TECHNOLOGIES INC., CA
[85] 2019-08-07
[86] 2018-02-16 (PCT/CA2018/050185)
[87] (WO2018/148845)
[30] US (62/460,736) 2017-02-17

[21] **3,052,870**
[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **IMPROVED FLUID STREAM MANAGEMENT SYSTEMS AND METHODS THEREOF**
[54] **SYSTEMES DE GESTION DE FLUX DE FLUIDE AMELIORES ET PROCEDES ASSOCIES**
[72] MONTESTRUQUE, LUIS, US
[72] RUGGABER, TIMOTHY P., US
[72] KERTESZ, RUBEN, US
[72] PARTOVI, ALIREZA, US
[72] BRAUN, TIMOTHY P., US
[72] MCDONNELL, BRYANT, US
[71] EMNET, LLC, US
[85] 2019-08-06
[86] 2018-03-07 (PCT/US2018/021422)
[87] (WO2018/165349)
[30] US (62/468,374) 2017-03-08

[21] **3,052,871**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE**
[54] **PROCEDE DE RADIOCOMMUNICATION, DISPOSITIF TERMINAL, ET DISPOSITIF DE RESEAU**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-08-07
[86] 2017-02-07 (PCT/CN2017/073072)
[87] (WO2018/145251)

[21] **3,052,872**
[13] A1
[51] **Int.Cl. C12N 5/07 (2010.01) C12N 5/071 (2010.01) C12N 5/079 (2010.01) C12N 5/0797 (2010.01)**
[25] EN
[54] **PHOTORECEPTOR CELLS FOR THE TREATMENT OF RETINAL DISEASES**
[54] **CELLULES PHOTORECEPTRICES POUR LE TRAITEMENT DE MALADIES RETINIENNES**
[72] REUBINOFF, BENJAMIN E., IL
[72] GORSHTEIN, MASHA, IL
[72] KHANER, HANITA, IL
[72] OBOLENSKY, ALEX, IL
[72] BANIN, EYAL, IL
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL
[85] 2019-08-07
[86] 2018-02-08 (PCT/IL2018/050145)
[87] (WO2018/146679)
[30] US (62/456,155) 2017-02-08

[21] **3,052,873**
[13] A1
[51] **Int.Cl. A61K 31/495 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CROHN'S DISEASE AND ULCERATIVE COLITIS**
[54] **PROCEDES DE TRAITEMENT DE LA MALADIE DE CROHN ET DE LA RECTOCOLITE HEMORRAGIQUE**
[72] THAKKAR, ROOPAL B., US
[72] JUNGERWIRTH, STEVEN, US
[72] MACHADO DE LACERDA, ANA PAULA, US
[72] ROBINSON, ANNE M., US
[72] ENEJOSA, JOSE JEFFREY V., US
[72] PANGAN, AILEEN L., US
[72] MOHAMED, MOHAMED-ESLAM, US
[72] OTHMAN, AHMED, US
[72] ALLIAN, AYMAN D., US
[72] KLUNDER, BEN, DE
[72] SHEIKH, AHMAD Y., US
[72] JAYANTH, JAYANTHY, US
[72] NORDSTROM, FREDRIK LARS, US
[72] MULHERN, MATHEW M., US
[72] MARROUM, PATRICK J., US
[72] MAYER, PETER T., US
[72] BORCHARDT, THOMAS B., US
[71] ABBVIE INC., US
[85] 2019-08-06
[86] 2018-03-09 (PCT/US2018/021800)
[87] (WO2018/165581)
[30] US (62/469,337) 2017-03-09
[30] US (62/470,565) 2017-03-13
[30] US (62/483,289) 2017-04-07
[30] US (62/593,629) 2017-12-01

[21] **3,052,874**
[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE**
[54] **PROCEDE DE COMMUNICATION SANS FIL, DISPOSITIF TERMINAL ET DISPOSITIF DE RESEAU**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-08-07
[86] 2017-02-13 (PCT/CN2017/073369)
[87] (WO2018/145313)

[21] **3,052,875**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01)**
[25] EN
[54] **METHODS, COMPOSITIONS, AND KITS FOR TREATING AND/OR PREVENTING A SIDE EFFECT ASSOCIATED WITH RADIATION AND/OR CHEMOTHERAPY EXPOSURE**
[54] **METHODES, COMPOSITIONS ET KITS POUR TRAITER ET/OU PREVENIR UN EFFET SECONDAIRE ASSOCIE A UNE EXPOSITION A UN RAYONNEMENT ET/OU A UNE CHIMIOTHERAPIE**
[72] ASHCRAFT, KATHLEEN, US
[72] DEWHIRST, MARK, US
[72] BATINIC-HABERLE, INES, US
[72] CRAPO, JAMES D., US
[71] BIOMIMETIX JV, LLC, US
[71] DUKE UNIVERSITY, US
[85] 2019-08-06
[86] 2018-04-04 (PCT/US2018/026002)
[87] (WO2018/187411)
[30] US (62/481,460) 2017-04-04

[21] **3,052,876**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/13 (2006.01)**
[25] EN
[54] **PROSTATE IMAGING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IMAGERIE DE PROSTATE**
[72] DOLGONOS, ALEX, CA
[72] SAFARYAN, KAREN, CA
[72] FENSTER, AARON, CA
[71] DOLGONOS, ALEX, CA
[71] SAFARYAN, KAREN, CA
[71] FENSTER, AARON, CA
[85] 2019-08-07
[86] 2018-02-07 (PCT/CA2018/050138)
[87] (WO2018/145203)
[30] US (62/455,665) 2017-02-07

[21] **3,052,877**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61K 41/00 (2006.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-G-CSF ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-G-CSF ET UTILISATIONS ASSOCIEES**
[72] DHANJI, SALIM, CA
[72] PRIATEL, JOHN, CA
[72] HARDER, KENNETH, CA
[71] ME THERAPEUTICS INC., CA
[85] 2019-08-07
[86] 2018-02-07 (PCT/CA2018/050143)
[87] (WO2018/145206)
[30] US (62/455,991) 2017-02-07

[21] **3,052,878**
[13] A1
[51] **Int.Cl. B01J 29/74 (2006.01) B01J 29/44 (2006.01) B01J 29/76 (2006.01) B01J 37/02 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **CATALYTIC ARTICLES**
[54] **ARTICLES CATALYTIQUES**
[72] SUNG, SHIANG, US
[72] KOEGEL, MARKUS, DE
[72] NEUMANN, BJOERN, DE
[72] MCCANTY, PATRICK, US
[71] BASF CORPORATION, US
[85] 2019-08-07
[86] 2018-02-07 (PCT/IB2018/050766)
[87] (WO2018/146603)
[30] US (62/456,190) 2017-02-08

[21] **3,052,879**
[13] A1
[51] **Int.Cl. G01N 21/78 (2006.01) A61B 5/145 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING USABILITY AND ACCURACY FOR PHYSIOLOGICAL MEASUREMENT**
[54] **PROCEDE D'AMELIORATION DE LA FACILITE D'UTILISATION ET DE LA PRECISION POUR UNE MESURE PHYSIOLOGIQUE**
[72] CHEN, YENYU, TW
[72] CHANG, ANCHENG, TW
[72] CHEN, TAII, TW
[72] YANG, SUTUNG, TW
[72] HSU, CHIHJUNG, TW
[72] LIN, CHUNCHENG, TW
[72] WANG, MINHAN, TW
[72] CHIU, SHIHHAO, TW
[71] IXENSOR CO., LTD., TW
[85] 2019-08-07
[86] 2018-03-16 (PCT/CN2018/079317)
[87] (WO2018/166533)
[30] US (62/472,585) 2017-03-17
[30] US (62/487,486) 2017-04-20
[30] US (62/521,457) 2017-06-18

[21] **3,052,882**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/075 (2006.01) A61K 31/12 (2006.01) A61K 31/122 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF IONIZING RADIATION RESISTANT TUMORS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE TUMEURS RESISTANTES AU RAYONNEMENT IONISANT**
[72] SHU, MINFENG, CN
[72] MALLON, STEPHEN, CN
[72] WEICHSELBAUM, RALPH R., CN
[72] ROIZMAN, BERNARD, CN
[71] SHENZHEN INTERNATIONAL INSTITUTE FOR BIOMEDICAL RESEARCH, CN
[85] 2019-08-07
[86] 2017-05-17 (PCT/CN2017/084712)
[87] (WO2018/209597)

[21] **3,052,883**
[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR RECEIVING INFORMATION, AND COMPUTER-READABLE MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE RECEPTION D'INFORMATIONS, ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-08-07
[86] 2017-11-16 (PCT/CN2017/111390)
[87] (WO2019/095220)

[21] **3,052,884**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 16/27 (2019.01)**
[25] EN
[54] **PARALLEL EXECUTION OF TRANSACTIONS IN A BLOCKCHAIN NETWORK BASED ON SMART CONTRACT WHITELISTS**
[54] **EXECUTION PARALLELE DE TRANSACTIONS DANS UN RESEAU A CHAINE DE BLOCS SUR LA BASE DE LISTES BLANCHES DE CONTRATS INTELLIGENTS**
[72] XIA, NING, CN
[72] XIE, GUILU, CN
[72] DENG, FUXI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-08-07
[86] 2018-12-28 (PCT/CN2018/124873)
[87] (WO2019/072305)

[21] **3,052,886**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION OF AN ANTI-CD16A ANTIBODY WITH A CYTOKINE**
[54] **COMBINAISON D'UN ANTICORPS ANTI-CD16A AVEC UNE CYTOKINE**
[72] KOCH, JOACHIM, DE
[72] TREDER, MARTIN, DE
[72] PAHL, JENS, DE
[72] REUSCH, UWE, DE
[72] ROSS, THORSTEN, DE
[72] RAJKOVIC, ERICH, DE
[72] CERWENKA, ADELHEID, DE
[71] AFFIMED GMBH, DE
[85] 2019-08-07
[86] 2018-02-28 (PCT/EP2018/054990)
[87] (WO2018/158350)
[30] EP (17158563.1) 2017-02-28

[21] **3,052,887**
[13] A1
[51] **Int.Cl. H04H 20/80 (2009.01) H04H 60/96 (2009.01)**
[25] EN
[54] **METHOD OF TRANSPORTING DIGITAL DATA OVER COAXIAL CABLE**
[54] **PROCEDE DE TRANSPORT DE DONNEES NUMERIQUES SUR UN CABLE COAXIAL**
[72] ARIESEN, JAN, NL
[72] BOSKALJON, GERRIT, NL
[72] BRONKHORST, GERT, NL
[72] KARATOPRAK, ERINC, NL
[72] HATHEIER, JURGEN, NL
[71] TECHNETIX B.V., NL
[85] 2019-08-07
[86] 2018-03-15 (PCT/EP2018/056531)
[87] (WO2018/167210)
[30] GB (1704277.1) 2017-03-17

[21] **3,052,889**
[13] A1
[51] **Int.Cl. G01N 27/416 (2006.01)**
[25] EN
[54] **ONLINE REFERENCE CALIBRATION**
[54] **ETALONNAGE DE REFERENCE EN LIGNE**
[72] GAHLINGS, STEVEN A., GB
[72] LAWRENCE, NATHAN, GB
[71] ANB SENSORS LIMITED, GB
[71] GAHLINGS, STEVEN A., GB
[85] 2019-08-07
[86] 2018-02-12 (PCT/IB2018/000097)
[87] (WO2018/146543)
[30] GB (1702349.0) 2017-02-13
[30] GB (1716660.4) 2017-10-11

[21] **3,052,890**
[13] A1
[51] **Int.Cl. H04H 20/80 (2009.01) H04H 60/96 (2009.01)**
[25] EN
[54] **METHOD OF SEGMENTING AN ACCESS NETWORK OF A HYBRID FIBER COAXIAL NETWORK**
[54] **PROCEDE DE SEGMENTATION D'UN RESEAU D'ACCES D'UN RESEAU COAXIAL A FIBRES HYBRIDES**
[72] ARIESEN, JAN, NL
[72] BOSKALJON, GERRIT, NL
[72] BRONKHORST, GERT, NL
[72] KARATOPRAK, ERINC, NL
[72] HATHEIER, JURGEN, NL
[71] TECHNETIX B.V., NL
[85] 2019-08-07
[86] 2018-03-15 (PCT/EP2018/056541)
[87] (WO2018/167212)
[30] GB (1704277.1) 2017-03-17

[21] **3,052,891**
[13] A1
[51] **Int.Cl. H04H 20/80 (2009.01) H04H 60/96 (2009.01)**
[25] EN
[54] **METHOD OF TRANSPORTING DIGITAL DATA OVER COAXIAL CABLE**
[54] **PROCEDE DE TRANSPORT DE DONNEES NUMERIQUES SUR UN CABLE COAXIAL**
[72] ARIESEN, JAN, NL
[72] BOSKALJON, GERRIT, NL
[72] BRONKHORST, GERT, NL
[72] KARATOPRAK, ERINC, NL
[72] HATHEIER, JURGEN, NL
[71] TECHNETIX B.V., NL
[85] 2019-08-07
[86] 2018-03-15 (PCT/EP2018/056550)
[87] (WO2018/167217)
[30] GB (1704277.1) 2017-03-17

[21] **3,052,892**
[13] A1
[51] **Int.Cl. A43B 7/12 (2006.01) B33Y 80/00 (2015.01) A43B 23/02 (2006.01)**
[25] EN
[54] **LAYERED PRODUCT WITH FUNCTIONAL MEMBRANE, FOOTWEAR COMPRISING SUCH LAYERED PRODUCT, AND MANUFACTURING METHOD**
[54] **PRODUIT FEUILLETE AVEC MEMBRANE FONCTIONNELLE, CHAUSSURE COMPORTANT UN TEL PRODUIT FEUILLETE, ET PROCEDE DE FABRICATION**
[72] KIEDERLE, GUNTER, DE
[72] NABERNIK, STANE, SI
[72] MUTH, MAXIMILAN, DE
[71] W.L. GORE & ASSOCIATES GMBH, DE
[85] 2019-08-07
[86] 2017-02-23 (PCT/EP2017/000256)
[87] (WO2018/153423)

[21] **3,052,893**
[13] A1
[51] **Int.Cl. H02K 1/27 (2006.01) B25J 9/06 (2006.01) B25J 9/10 (2006.01) F16G 11/04 (2006.01) B25J 9/04 (2006.01) B25J 9/12 (2006.01) B25J 17/00 (2006.01) H02K 1/08 (2006.01) H02K 1/14 (2006.01) H02K 3/52 (2006.01) H02K 15/095 (2006.01)**
[25] EN
[54] **HUMAN-LIKE DIRECT DRIVE ROBOT**
[54] **ROBOT HUMANOIDE A ENTRAINEMENT DIRECT**
[72] NGUYEN, PHUONG, NO
[72] BORNICH, BERNT OIVIND, NO
[71] HALODI ROBOTICS A/S, NO
[85] 2019-08-07
[86] 2017-02-16 (PCT/EP2017/053538)
[87] (WO2018/149499)

[21] **3,052,895**
[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **NOVEL VACCINIA VIRUS VECTORS RELATED TO MVA WITH EXTENSIVE GENOMIC SYMMETRIES**
[54] **NOUVEAUX VECTEURS DU VIRUS DE LA VACCINE APPARENTES AU MVA PRESENTANT DES SYMETRIES GENOMIQUES ETENDUES**
[72] JORDAN, INGO, DE
[72] SANDIG, VOLKER, DE
[71] PROBIOGEN AG, DE
[85] 2019-08-07
[86] 2017-02-23 (PCT/EP2017/054192)
[87] (WO2018/153460)

[21] **3,052,896**
[13] A1
[51] **Int.Cl. B66B 13/26 (2006.01) B66B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING A LIFT CAR DOOR**
[54] **PROCEDE ET DISPOSITIF POUR SURVEILLER UNE PORTE DE CABINE D'ASCENSEUR**
[72] TSCHUPPERT, RETO, CH
[72] KUSSEROW, MARTIN, CH
[71] INVENTIO AG, CH
[85] 2019-08-07
[86] 2018-03-22 (PCT/EP2018/057328)
[87] (WO2018/177891)
[30] EP (17163131.0) 2017-03-27

[21] **3,052,898**
[13] A1
[51] **Int.Cl. A01N 43/653 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR CONTROLLING HARMFUL MICROORGANISMS COMPRISING 1 -(PHENOXY-PYRIDINYL)-2-(1,2,4-TRIAZOL-1 -YL)-ETHANOL DERIVATIVES**
[54] **COMPOSITION POUR LUTTER CONTRE DES MICRO-ORGANISMES NUISIBLES COMPRENANT DES DERIVES DE 1-(PHENOXY-PYRIDINYL)-2-(1,2,4-TRIAZOL-1-YL)-ETHANOL**
[72] GORTZ, ANDREAS, DE
[72] MEISSNER, RUTH, DE
[72] DAHMEN, PETER, DE
[72] DUCROT, VIRGINIE PASCALE, DE
[72] COQUERON, PIERRE-YVES, FR
[72] MILLER, RICARDA, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2019-08-07
[86] 2018-01-26 (PCT/EP2018/051932)
[87] (WO2018/145921)
[30] EP (17155515.4) 2017-02-10

[21] **3,052,899**
[13] A1
[51] **Int.Cl. H04B 1/74 (2006.01) H04B 7/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING DATA**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS COPR., LTD., CN
[85] 2019-08-06
[86] 2017-02-07 (PCT/CN2017/073061)
[87] (WO2018/145247)

[21] **3,052,900**
[13] A1
[51] **Int.Cl. C21D 8/02 (2006.01) B21D 22/02 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/26 (2006.01) C22C 38/38 (2006.01) C22C 38/48 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL FOR MANUFACTURING A COMPONENT BY HOT FORMING AND USE OF THE COMPONENT**
[54] **ACIER POUR LA FABRICATION D'UN COMPOSANT PAR FORMAGE A CHAUD ET UTILISATION DU COMPOSANT**
[72] SKRLEC, JASMINKO, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2019-08-07
[86] 2018-02-05 (PCT/EP2018/052818)
[87] (WO2018/146050)
[30] EP (17155557.6) 2017-02-10

[21] **3,052,901**
[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B29C 64/153 (2017.01) B29C 64/393 (2017.01)**
[25] EN
[54] **METHOD OF AND APPARATUS FOR ADDITIVE LAYER MANUFACTURE**
[54] **PROCEDE ET APPAREIL DE FABRICATION ADDITIVE PAR COUCHE**
[72] RICHARDSON, WILLIAM THOMAS, GB
[72] LAIDLER, IAN, GB
[72] BLUNT, LIAM, GB
[71] RELIANCE PRECISION LIMITED, GB
[85] 2019-08-07
[86] 2018-01-31 (PCT/GB2018/000019)
[87] (WO2018/146441)
[30] GB (GB1702129.6) 2017-02-08

[21] **3,052,902**
[13] A1
[51] **Int.Cl. C12Q 1/37 (2006.01) C07K 14/705 (2006.01) C12Q 1/66 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **STABLE VAMP REPORTER ASSAY**
[54] **DOSAGE DE RAPPORTEUR DE VAMP STABLE**
[72] DAVLETOV, BAZBEK, GB
[72] PEDEN, ANDREW ALEXANDER, GB
[72] RUST, ALEKSANDER MIKAEL RUDOLF, GB
[72] DORAN, CIARA LOUISE, GB
[71] THE UNIVERSITY OF SHEFFIELD, GB
[85] 2019-08-07
[86] 2018-02-14 (PCT/GB2018/050397)
[87] (WO2018/150177)
[30] GB (1702500.8) 2017-02-16

[21] **3,052,903**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **ANTI HUMAN ANNEXIN A1 ANTIBODY**
[54] **ANTICORPS ANTI-ANNEXINE A1 HUMAINE**
[72] HAYS, HENRY CHARLES WILSON, GB
[72] WOOD, CHRISTOPHER BARRY, GB
[72] FLATAU, TINA CAROLINE, GB
[71] MEDANNEX LTD., GB
[85] 2019-08-07
[86] 2018-02-08 (PCT/EP2018/053232)
[87] (WO2018/146230)
[30] GB (1702091.8) 2017-02-08

[21] **3,052,904**
[13] A1
[51] **Int.Cl. B65D 83/04 (2006.01) A47F 1/035 (2006.01) A47G 19/34 (2006.01)**
[25] EN
[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] GADD, DAVID, GB
[72] MACDONALD, JOHN, GB
[72] WRIGHT, MATTHEW, GB
[72] COLQUHOUN, DUNCAN, GB
[72] DONALDSON, RICHARD, GB
[72] DALE-BROWN, JAKE, GB
[71] MARS, INCORPORATED, US
[85] 2019-08-07
[86] 2018-02-08 (PCT/GB2018/050351)
[87] (WO2018/146475)
[30] GB (1702169.2) 2017-02-09

[21] **3,052,905**
[13] A1
[51] **Int.Cl. F03B 3/10 (2006.01) F03B 15/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO THE STABILIZATION OF HYDRAULIC MACHINES WITH S-ZONE CHARACTERISTICS**
[54] **AMELIORATIONS APPORTEES A LA STABILISATION DE MACHINES HYDRAULIQUES AVEC DES CARACTERISTIQUES DE ZONE S**
[72] RENAUD, GUILLAUME, FR
[72] FOGGIA, THEOPHANE, FR
[72] ALLOIN, QUENTIN, FR
[71] GE RENEWABLE TECHNOLOGIES, FR
[85] 2019-08-07
[86] 2018-02-09 (PCT/EP2018/053330)
[87] (WO2018/146273)
[30] EP (17290014.4) 2017-02-09

[21] **3,052,906**
[13] A1
[51] **Int.Cl. B01J 29/74 (2006.01) B01J 37/02 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **CATALYST COMPOSITIONS**
[54] **COMPOSITIONS DE CATALYSEUR**
[72] SUNG, SHIANG, US
[72] KOEGEL, MARKUS, DE
[72] NEUMANN, BJOERN, DE
[72] MCCANTY, PATRICK, US
[71] BASF CORPORATION, US
[85] 2019-08-07
[86] 2018-02-07 (PCT/IB2018/050764)
[87] (WO2018/146602)
[30] US (62/456,192) 2017-02-08

[21] **3,052,908**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 35/35 (2015.01) A61J 3/07 (2006.01) A61K 39/00 (2006.01) A61K 39/35 (2006.01)**
[25] EN
[54] **GASTROINTESTINAL RELEASE CAPSULE FOR USE IN A METHOD FOR DESENSITIZING AND/OR INDUCING TOLERANCE IN A PEANUT-ALLERGIC SUBJECT**
[54] **GELULE A LIBERATION GASTRO-INTESTINALE DESTINEE A ETRE UTILISEE DANS UNE METHODE PERMETTANT DE DESENSIBILISER ET/OU D'INDUIRE UNE TOLERANCE CHEZ UN SUJET ALLERGIQUE A L'ARACHIDE**
[72] FAUQUERT, JEAN-LUC, FR
[72] EVRARD, BERTRAND, FR
[72] MICHAUD, ELODIE, FR
[72] MERLIN, ETIENNE, FR
[71] CENTRE HOSPITALIER ET UNIVERSITAIRE DE CLERMONT-FERRAND, FR
[71] UNIVERSITE CLERMONT AUVERGNE, FR
[85] 2019-08-07
[86] 2018-02-09 (PCT/EP2018/053344)
[87] (WO2018/146274)
[30] FR (1751101) 2017-02-10

[21] **3,052,910**
[13] A1
[51] **Int.Cl. A61K 31/553 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER AND INHIBITION OF METASTASIS**
[54] **TRAITEMENT DU CANCER ET SUPPRESSION DES METASTASES**
[72] FALTUM, CARSTEN, DK
[72] JENSEN, LEIF HELTH, CH
[72] DJAMGOZ, MUSTAFA, GB
[71] CELEX GMBH, CH
[85] 2019-08-07
[86] 2018-02-12 (PCT/EP2018/053457)
[87] (WO2018/146313)
[30] DK (PA 2017 70091) 2017-02-10

[21] **3,052,911**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **FGF21 MIMETIC ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS MIMETIQUES DU FGF21 ET LEURS UTILISATIONS**
[72] CEBE, REGIS, CH
[72] YOWE, DAVID LANGDON, US
[72] OLLAND, STEPHANE, US
[71] NOVARTIS AG, CH
[85] 2019-08-07
[86] 2018-02-06 (PCT/IB2018/050740)
[87] (WO2018/146594)
[30] US (62/456,609) 2017-02-08

[21] **3,052,917**
[13] A1
[51] **Int.Cl. F03G 7/08 (2006.01)**
[25] EN
[54] **DEVICE FOR APPLYING IN A PAVEMENT FOR COLLECTING MECHANICAL ENERGY FROM VEHICLES PASSING OVER FOR GENERATING ELECTRICITY**
[54] **DISPOSITIF APPLIQUE DANS UNE CHAUSSEE POUR COLLECTER DE L'ENERGIE MECANIQUE A PARTIR DE VEHICULES PASSANT SUR LA CHAUSSEE POUR PRODUIRE DE L'ELECTRICITE**
[72] DUARTE, FRANCISCO JOAO ANASTACIO, PT
[72] LOPES FERREIRA, ADELINO JORGE, PT
[72] OLIVEIRA FAEL, PAULO MANUEL, PT
[71] UNIVERSIDADE DE COIMBRA, PT
[71] UNIVERSIDADE DA BEIRA INTERIOR, PT
[85] 2019-08-07
[86] 2018-02-27 (PCT/IB2018/051247)
[87] (WO2018/154543)
[30] PT (109935) 2017-02-27
[30] PT (109936) 2017-02-27

[21] **3,052,918**
[13] A1
[51] **Int.Cl. C08J 3/20 (2006.01) C08J 3/205 (2006.01) C08J 3/24 (2006.01) C08J 5/00 (2006.01) C08L 1/00 (2006.01)**
[25] EN
[54] **A METHOD TO DISPERSE NANO-CELLULOSE IN ORGANIC POLYMER PRECURSORS**
[54] **PROCEDE DE DISPERSION DE NANOCELLULOSE DANS DES PRECURSEURS DE POLYMERE ORGANIQUE**
[72] NORDENG, MIKAEL, NO
[72] DIETRICHSON, STEIN, NO
[72] KARTHAUSER, JOACHIM, SE
[71] RE-TURN AS, NO
[85] 2019-08-07
[86] 2018-02-13 (PCT/EP2018/053587)
[87] (WO2018/146338)
[30] SE (1700027-4) 2017-02-13

[21] **3,052,919**
[13] A1
[51] **Int.Cl. A61K 31/7056 (2006.01) A61K 47/61 (2017.01) A61K 31/724 (2006.01) A61P 31/10 (2006.01) C07H 15/26 (2006.01) C07H 19/056 (2006.01)**
[25] EN
[54] **MULTIVALENT FUCOSE DERIVATIVES FOR USE AS A DRUG**
[54] **DERIVES DE FUCOSE MULTIVALENTS DESTINES A ETRE UTILISES EN TANT QUE MEDICAMENT**
[72] GOUIN, SEBASTIEN, FR
[72] BRUMENT, SAMI, FR
[72] LE PAPE, PATRICE, FR
[72] VARROT, ANNABELLE, FR
[71] UNIVERSITE DE NANTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2019-08-07
[86] 2018-02-15 (PCT/EP2018/053843)
[87] (WO2018/149945)
[30] EP (17156368.7) 2017-02-15

[21] **3,052,920**
[13] A1
[51] **Int.Cl. C07C 5/48 (2006.01) C07C 11/04 (2006.01) C07C 51/215 (2006.01) C07C 51/44 (2006.01) C07C 51/48 (2006.01) C07C 53/08 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR PRODUCING OLEFINS**
[54] **PROCEDE ET INSTALLATION DE PREPARATION D'OLEFINES**
[72] HOFEL, TORBEN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2019-08-07
[86] 2018-02-23 (PCT/EP2018/054518)
[87] (WO2018/154056)
[30] EP (17157933.7) 2017-02-24

[21] **3,052,921**
[13] A1
[51] **Int.Cl. A63F 9/12 (2006.01) A63H 33/00 (2006.01) B65D 21/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR HOUSING AND REVEALING A PLURALITY OF CHILDREN'S TOYS**
[54] **APPAREIL DESTINE A LOGER ET A FAIRE APPARAITRE UNE PLURALITE DE JOUETS POUR ENFANTS**
[72] MOWBRAY, MATHEW PETER, NZ
[72] WOODS, ADAM STEVEN, AU
[71] CREATIVE IMPACT INC, VG
[85] 2019-08-07
[86] 2018-02-14 (PCT/IB2018/050887)
[87] (WO2018/150328)
[30] US (62/459,471) 2017-02-15

[21] **3,052,928**
[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01) A61K 38/44 (2006.01)**
[25] EN
[54] **NOVEL NICOTINE DEGRADING ENZYME VARIANTS**
[54] **NOUVEAUX VARIANTS D'ENZYME DEGRADANT LA NICOTINE**
[72] KALNIK, MATTHEW W., US
[72] THISTED, THOMAS, US
[72] STONE, EVERETT, US
[72] REED, CHARLES C., US
[72] RODNICK-SMITH, MAX, US
[71] ANTIDOTE THERAPEUTICS, INC., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-07-31
[86] 2018-02-02 (PCT/US2018/016664)
[87] (WO2018/144879)
[30] US (62/454,331) 2017-02-03
[30] US (62/535,507) 2017-07-21

[21] **3,052,929**
[13] A1
[51] **Int.Cl. A61L 27/20 (2006.01) A61K 8/73 (2006.01) A61L 27/46 (2006.01) A61L 27/52 (2006.01) A61L 27/58 (2006.01) A61Q 19/08 (2006.01) C09C 1/30 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING AND DERMAL FILLER COMPOSITIONS CONTAINING HYALURONIC ACID AND HYDROXYAPATITE**
[54] **PROCEDE DE FABRICATION ET COMPOSITIONS DE COMBLEMENT DERMIQUE CONTENANT DE L'ACIDE HYALURONIQUE ET DE L'HYDROXYAPATITE**
[72] DVIR, HAIM, IL
[71] E.N.A. IMPECCABLE SKINCARE SOLUTIONS LTD, IL
[85] 2019-08-07
[86] 2018-10-09 (PCT/IB2018/057822)
[87] (WO2019/073386)
[30] US (62/570,189) 2017-10-10

[21] **3,052,930**
[13] A1
[51] **Int.Cl. B65D 47/08 (2006.01)**
[25] EN
[54] **ONE-TOUCH OPENABLE CAP**
[54] **CAPUCHON A OUVERTURE TACTILE SIMPLE**
[72] SUZUKI, TAKUMI, JP
[72] FUJII, AKIHIRO, JP
[71] GC CORPORATION, JP
[85] 2019-08-07
[86] 2017-10-30 (PCT/JP2017/039182)
[87] (WO2018/146871)
[30] JP (2017-021364) 2017-02-08

[21] **3,052,936**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/04 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **FUSION PROTEIN INCLUDING BDNF**
[54] **PROTEINE DE FUSION COMPRENANT DU BDNF**
[72] SONODA, HIROYUKI, JP
[72] TAKAHASHI, KENICHI, JP
[71] JCR PHARMACEUTICALS CO., LTD., JP
[85] 2019-08-07
[86] 2017-12-26 (PCT/JP2017/046735)
[87] (WO2018/124107)
[30] JP (2016-252147) 2016-12-26

[21] **3,052,937**
[13] A1
[51] **Int.Cl. H01M 8/021 (2016.01) C21D 1/76 (2006.01) C22C 38/00 (2006.01) C23C 8/14 (2006.01) C22C 38/58 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **SUBSTRATE STAINLESS STEEL SHEET FOR FUEL CELL SEPARATORS AND PRODUCTION METHOD THEREFOR**
[54] **SUBSTRAT DE PLAQUE D'ACIER INOXYDABLE DE PLAQUE D'ACIER POUR SEPARATEUR DE PILE A COMBUSTIBLE, ET SON PROCEDE DE PRODUCTION**
[72] YANO, TAKAYOSHI, JP
[72] ISHIKAWA, SHIN, JP
[71] JFE STEEL CORPORATION, JP
[85] 2019-08-07
[86] 2018-01-25 (PCT/JP2018/002320)
[87] (WO2018/147087)
[30] JP (2017-022047) 2017-02-09

[21] **3,052,938**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-GPRC5D ANTIBODY AND MOLECULE COMPRISING THE ANTIBODY**
[54] **ANTICORPS ANTI-GPRC5D ET MOLECULE LE CONTENANT**
[72] CHAEN, TAKASHI, JP
[72] OHTSUKA, TOSHIAKI, JP
[72] IIDA, KENJI, JP
[72] NAKAMURA, KENSUKE, JP
[72] ABURATANI, TAKAHIDE, JP
[72] ICHIKAWA, JUNYA, JP
[72] KUDO, SHOTA, JP
[72] PISCITELLI, CHAYNE LEE, CA
[72] SANCHES, MARIO, CA
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2019-08-07
[86] 2018-02-06 (PCT/JP2018/003888)
[87] (WO2018/147245)
[30] JP (2017-020220) 2017-02-07

[21] **3,052,940**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 31/4745 (2006.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61K 47/14 (2017.01) A61K 47/44 (2017.01)**
[25] EN
[54] **NANOEMULSION COMPRISING IMIDAZOQUINOLINE-BASED MATERIAL AND USE THEREOF**
[54] **NANOEMULSION COMPRENANT UNE MATIERE A BASE D'IMIDAZOQUINOLINE ET SON UTILISATION**
[72] LIM, YONG TAIK, KR
[72] KIM, SUN-YOUNG, KR
[71] DANDI BIOSCIENCE INC, KR
[85] 2019-08-07
[86] 2018-02-13 (PCT/KR2018/001891)
[87] (WO2018/147710)
[30] KR (10-2017-0019330) 2017-02-13
[30] KR (10-2018-0016726) 2018-02-12

[21] **3,052,941**
[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) E21B 43/14 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **METHOD OF REFRACTURING IN A HORIZONTAL WELL**
[54] **PROCEDE D'UNE FRACTURATION HYDRAULIQUE REPETEE D'UNE COUCHE DANS UN PUITS HORIZONTAL**
[72] PARKHONYUK, SERGEY DMITRIEVICH, RU
[72] KORELSKIY, EVGENY PAVLOVICH, RU
[72] BUTULA, KRESO KURT, RU
[72] KONCHENKO, ANDREY SERGEEVICH, RU
[72] PAVLOV, VALERIY ANATOLIEVICH, RU
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-08-07
[86] 2017-02-08 (PCT/RU2017/000060)
[87] (WO2018/147756)

[21] **3,052,942**
[13] A1
[51] **Int.Cl. A47G 19/16 (2006.01) A47J 31/18 (2006.01) B65D 85/808 (2006.01)**
[25] EN
[54] **SINGLE-USE MEANS FOR PREPARING A BEVERAGE**
[54] **ARTICLE A USAGE UNIQUE POUR PREPARER UNE BOISSON**
[72] NONIASHVILI, ALEKSEY ILJICH, RU
[72] GOLDBERG, ANDREY RUDOLFOVICH, RU
[71] NONIASHVILI, ALEKSEY ILJICH, RU
[85] 2019-08-07
[86] 2018-02-06 (PCT/RU2018/000067)
[87] (WO2018/151625)
[30] RU (2017104889) 2017-02-15

[21] **3,052,943**
[13] A1
[51] **Int.Cl. F41G 11/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR REDUCING RECOILING FORCES ON A SIGHT OR OTHER COMPONENT MOUNTED ON A BARREL OF A WEAPON**
[54] **AGENCEMENT PERMETTANT DE REDUIRE LES FORCES DE RECUL SUR UN VISEUR OU SUR UN AUTRE ELEMENT MONTE SUR UN CANON D'UNE ARME**
[72] OLSSON, CHRISTIAN, SE
[72] LIND, SVEN, SE
[72] KARLSSON, PETER, SE
[71] SAAB AB, SE
[85] 2019-08-07
[86] 2017-03-15 (PCT/SE2017/050251)
[87] (WO2018/169460)

[21] **3,052,944**
[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM ACCESS PREAMBLE SELECTION FROM MULTIPLE TYPES OF PREAMBLE GROUPS**
[54] **SELECTION DE PREAMBULE D'ACCES ALEATOIRE A PARTIR DE MULTIPLES TYPES DE GROUPES DE PREAMBULES**
[72] BERGSTROM, MATTIAS, SE
[72] STATTIN, MAGNUS, SE
[72] SUSITAIVAL, RIIKKA, FI
[72] OHLSSON, OSCAR, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2019-08-07
[86] 2018-02-12 (PCT/SE2018/050125)
[87] (WO2018/147795)
[30] US (62/457,770) 2017-02-10

[21] **3,052,945**
[13] A1
[51] **Int.Cl. G01R 15/18 (2006.01)**
[25] EN
[54] **FLEXIBLE CURRENT SENSOR WITH STRANDED CORE**
[54] **CAPTEUR DE COURANT FLEXIBLE A NOYAU TORONNE**
[72] GRNO, LADISLAV, SG
[71] GRNO, LADISLAV, SG
[85] 2019-08-07
[86] 2018-01-24 (PCT/SK2018/050002)
[87] (WO2018/147814)
[30] SK (PP 50008-2017) 2017-02-13

[21] **3,052,946**
[13] A1
[51] **Int.Cl. E04H 15/20 (2006.01)**
[25] EN
[54] **INFLATABLE BEAM AND USE OF THIS INFLATABLE BEAM**
[54] **POUTRE GONFLABLE ET UTILISATION DE CETTE POUTRE GONFLABLE**
[72] BREZAN, JURAJ, SK
[72] HODAK, HENRICH, SK
[72] OCHODNICKY, PAVOL, SK
[71] ZEPELIN, S.R.O., SK
[85] 2019-08-07
[86] 2018-02-13 (PCT/SK2018/050003)
[87] (WO2018/151685)
[30] SK (PUV50015-2017) 2017-02-14

[21] **3,052,947**
[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) G02F 1/133 (2006.01) G02F 1/1333 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE WITH OPTICALLY CLEAR FLUID DISPOSED BETWEEN DISPLAY PANEL AND DISPLAY COVER**
[54] **DISPOSITIF D'AFFICHAGE AVEC FLUIDE OPTIQUEMENT TRANSPARENT DISPOSE ENTRE LE PANNEAU D'AFFICHAGE ET LE CAPOT D'ECRAN**
[72] MORTON, KEITH, US
[71] DISPLAY LOGIC USA INC., US
[85] 2019-08-07
[86] 2016-05-20 (PCT/US2016/033569)
[87] (WO2017/135983)
[30] US (62/292,351) 2016-02-07

[21] **3,052,948**
[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 17/285 (2006.01) G01B 5/08 (2006.01)**
[25] EN
[54] **SURGICAL TOOL FOR TISSUE SIZING AND TRANSECTION**
[54] **OUTIL CHIRURGICAL POUR DIMENSIONNEMENT ET SECTIONNEMENT DE TISSU**
[72] DEISTER, CURT, US
[72] ORRICO, MICHAEL RAYMOND, US
[72] DRACH, GREGORY, US
[71] AXOGEN CORPORATION, US
[85] 2019-08-07
[86] 2017-02-07 (PCT/US2017/016803)
[87] (WO2018/147828)

[21] **3,052,949**
[13] A1
[51] **Int.Cl. B32B 13/10 (2006.01) B32B 21/04 (2006.01) B32B 21/13 (2006.01) E01C 9/02 (2006.01) E01C 9/08 (2006.01) E01C 11/16 (2006.01)**
[25] EN
[54] **CRANE MAT AND METHOD OF MANUFACTURE**
[54] **PLATELAGE DE GRUE ET PROCEDE DE FABRICATION**
[72] STERLING, CARTER, US
[72] STERLING, COOPER, US
[72] O'CONNELL, MICHAEL, US
[72] STERLING, CHRISTIAN, US
[72] STERLING, CARSON, US
[72] STERLING, JOHN, US
[72] RAKE, JOHN, US
[71] STERLING LUMBER COMPANY, LLC, US
[85] 2019-08-07
[86] 2017-02-08 (PCT/US2017/017057)
[87] (WO2018/147847)

[21] **3,052,950**
[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01) F21V 15/015 (2006.01) F21V 17/10 (2006.01) F21V 19/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **NETWORKED LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DEL EN RESEAU**
[72] MAY, MICHAEL W., US
[71] MAY, MICHAEL W., US
[85] 2019-08-07
[86] 2017-02-09 (PCT/US2017/017151)
[87] (WO2017/139452)
[30] US (62/293,274) 2016-02-09
[30] US (15/244,726) 2016-08-23
[30] US (15/244,758) 2016-08-23
[30] US (15/244,796) 2016-08-23
[30] US (15/244,826) 2016-08-23
[30] US (15/244,854) 2016-08-23
[30] US (15/244,883) 2016-08-23
[30] US (15/334,169) 2016-10-25
[30] US (15/334,150) 2016-10-25

[21] **3,052,951**
[13] A1
[51] **Int.Cl. G05B 13/04 (2006.01) B60W 30/085 (2012.01) B60W 30/09 (2012.01) G08G 1/16 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE OPERATIONAL MANAGEMENT**
[54] **GESTION OPERATIONNELLE DE VEHICULE AUTONOME**
[72] WRAY, KYLE, US
[72] WITWICKI, STEFAN, US
[72] ZILBERSTEIN, SHLOMO, US
[72] PEDERSEN, LIAM, US
[71] NISSAN NORTH AMERICA, INC., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2019-08-07
[86] 2017-02-10 (PCT/US2017/017493)
[87] (WO2018/147871)

[21] **3,052,952**
[13] A1
[51] **Int.Cl. G05B 13/04 (2006.01) B60W 30/085 (2012.01) B60W 30/09 (2012.01) G08G 1/16 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE OPERATIONAL MANAGEMENT CONTROL**
[54] **COMMANDE DE GESTION OPERATIONNELLE D'UN VEHICULE AUTONOME**
[72] WRAY, KYLE, US
[72] WITWICKI, STEFAN, US
[72] ZILBERSTEIN, SHLOMO, US
[72] PEDERSEN, LIAM, US
[71] NISSAN NORTH AMERICA, INC., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2019-08-07
[86] 2017-02-10 (PCT/US2017/017502)
[87] (WO2018/147872)

[21] **3,052,953**
[13] A1
[51] **Int.Cl. B60W 30/085 (2012.01) B60W 30/09 (2012.01) G08G 1/16 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE OPERATIONAL MANAGEMENT BLOCKING MONITORING**
[54] **SURVEILLANCE DE BLOCAGE DE GESTION OPERATIONNELLE DE VEHICULE AUTONOME**
[72] WRAY, KYLE, US
[72] WITWICKI, STEFAN, US
[72] ZILBERSTEIN, SHLOMO, US
[72] PEDERSEN, LIAM, US
[71] NISSAN NORTH AMERICA, INC., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2019-08-07
[86] 2017-02-10 (PCT/US2017/017516)
[87] (WO2018/147873)

[21] **3,052,954**
[13] A1
[51] **Int.Cl. B60K 31/00 (2006.01) B62D 1/28 (2006.01) G01C 21/16 (2006.01) G01C 21/20 (2006.01) G01C 21/34 (2006.01) G01S 1/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE OPERATIONAL MANAGEMENT INCLUDING OPERATING A PARTIALLY OBSERVABLE MARKOV DECISION PROCESS MODEL INSTANCE**
[54] **GESTION OPERATIONNELLE DE VEHICULE AUTONOME COMPRENANT LE FONCTIONNEMENT D'UNE INSTANCE DE MODELE DE PROCESSUS DE DECISION DE MARKOV PARTIELLEMENT OBSERVABLE**
[72] WRAY, KYLE, US
[72] WITWICKI, STEFAN, US
[72] ZILBERSTEIN, SHLOMO, US
[72] PEDERSEN, LIAM, US
[71] NISSAN NORTH AMERICA, INC., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2019-08-07
[86] 2017-02-10 (PCT/US2017/017527)
[87] (WO2018/147874)

[21] **3,052,955**
[13] A1
[51] **Int.Cl. B21D 22/28 (2006.01) B21D 22/20 (2006.01) B21D 22/24 (2006.01) B21D 24/00 (2006.01) B21D 24/16 (2006.01) B21D 51/38 (2006.01)**
[25] EN
[54] **TAPERED METAL CUP AND METHOD OF FORMING THE SAME**
[54] **COUPELLE METALLIQUE EVASEE ET SON PROCEDE DE FORMATION**
[72] SCOTT, ANTHONY J., US
[71] BALL CORPORATION, US
[85] 2019-08-07
[86] 2017-11-20 (PCT/US2017/062582)
[87] (WO2018/147916)
[30] US (62/455,697) 2017-02-07
[30] US (15/811,032) 2017-11-13

[21] **3,052,956**
[13] A1
[51] **Int.Cl. G01J 5/20 (2006.01) G01J 5/02 (2006.01) G01J 5/04 (2006.01) G01J 5/06 (2006.01) H01L 31/0216 (2014.01)**
[25] EN
[54] **THERMAL PROTECTION MECHANISMS FOR UNCOOLED MICROBOLOMETERS**
[54] **MECANISMES DE PROTECTION THERMIQUE POUR MICROBOLOMETRES NON REFROIDIS**
[72] MASINI, PAOLO, US
[72] DEVITT, JOHN WILLIAM, US
[71] RAYTHEON COMPANY, US
[85] 2019-08-07
[86] 2018-01-22 (PCT/US2018/014650)
[87] (WO2018/190933)
[30] US (15/485,942) 2017-04-12

[21] **3,052,957**
[13] A1
[51] **Int.Cl. G01N 25/72 (2006.01) H05B 3/20 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING DEFECTS IN LAYERED MATERIALS**
[54] **PROCEDES ET SYSTEMES DE DETECTION DE DEFAUTS DANS DES MATERIAUX STRATIFIES**
[72] SANDIFORD, A. DAVID, US
[72] JIANG, TAO, US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2019-08-07
[86] 2018-01-29 (PCT/US2018/015765)
[87] (WO2018/151931)
[30] US (15/432,538) 2017-02-14

[21] **3,052,958**
[13] A1
[51] **Int.Cl. F16K 24/04 (2006.01) A62C 35/68 (2006.01)**
[25] EN
[54] **PURGE AND VENT VALVE ASSEMBLY**
[54] **ENSEMBLE SOUPAPE DE PURGE ET D'EVENT**
[72] MCHUGH, GEORGE J., IV, US
[72] MCHUGH, JAMES P., US
[72] GLEESON, BENTLEY F., US
[71] AGF MANUFACTURING, INC., US
[85] 2019-08-07
[86] 2018-01-30 (PCT/US2018/015881)
[87] (WO2018/148055)
[30] US (15/427,467) 2017-02-08

[21] **3,052,959**
[13] A1
[51] **Int.Cl. A61F 2/50 (2006.01) A61F 2/78 (2006.01) A61F 2/80 (2006.01) A61F 13/06 (2006.01) A61F 13/10 (2006.01)**
[25] EN
[54] **BANDAGE FOR TREATING AMPUTEES AND RELATED METHOD**
[54] **BANDAGE POUR LE TRAITEMENT D'AMPUTES ET PROCEDE ASSOCIE**
[72] SOLOMON, ALAN, US
[71] TIER LIFE INC., US
[85] 2019-08-07
[86] 2018-02-01 (PCT/US2018/016353)
[87] (WO2018/148086)
[30] US (62/499,883) 2017-02-07
[30] US (15/697,602) 2017-09-07

[21] **3,052,961**
[13] A1
[51] **Int.Cl. G08B 25/14 (2006.01) G01D 21/02 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **WORKSPACE SAFETY MONITORING AND EQUIPMENT CONTROL**
[54] **SURVEILLANCE DE SECURITE D'ESPACE DE TRAVAIL ET COMMANDE D'EQUIPEMENT**
[72] VU, CLARA, US
[72] DENENBERG, SCOTT, US
[72] SOBALVARRO, PATRICK, US
[72] BARRAGAN, PATRICK, US
[72] MOEL, ALBERTO, US
[71] VEO ROBOTICS, INC., US
[85] 2019-08-07
[86] 2018-02-06 (PCT/US2018/016991)
[87] (WO2018/148181)
[30] US (62/455,834) 2017-02-07
[30] US (62/455,828) 2017-02-07

[21] **3,052,962**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) B01L 3/00 (2006.01) B01L 7/00 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **DIGITAL ASSAY**
[54] **DOSAGE NUMERIQUE**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORP., US
[85] 2019-08-06
[86] 2018-02-08 (PCT/US2018/017489)
[87] (WO2018/148458)
[30] US (62/456,603) 2017-02-08
[30] US (62/456,504) 2017-02-08
[30] US (62/457,009) 2017-02-09
[30] US (62/457,133) 2017-02-09
[30] US (62/459,337) 2017-02-15
[30] US (62/460,062) 2017-02-16
[30] US (62/460,076) 2017-02-16
[30] US (62/621,475) 2018-01-24

[21] **3,052,963**
[13] A1
[51] **Int.Cl. C12Q 1/6834 (2018.01) C12Q 1/686 (2018.01)**
[25] EN
[54] **NUCLEIC ACID HYBRIDIZATION ASSAY**
[54] **DOSAGE D'HYBRIDATION D'ACIDE NUCLEIQUE**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] ZHANG, YUFAN, US
[72] LI, JI, US
[72] QI, JI, US
[71] ESSENLIX CORP., US
[85] 2019-08-06
[86] 2018-02-08 (PCT/US2018/017494)
[87] (WO2018/148463)
[30] US (62/456,598) 2017-02-08
[30] US (62/457,084) 2017-02-09
[30] US (62/456,904) 2017-02-09
[30] US (62/457,075) 2017-02-09
[30] US (62/459,337) 2017-02-15
[30] US (62/459,303) 2017-02-15
[30] US (62/459,267) 2017-02-15
[30] US (62/460,052) 2017-02-16
[30] US (62/460,083) 2017-02-16

[21] **3,052,964**
[13] A1
[51] **Int.Cl. E21B 10/30 (2006.01)**
[25] EN
[54] **BI-CENTER BIT AND DRILLING TOOLS WITH ENHANCED HYDRAULICS**
[54] **TREPAN BICENTRE ET OUTILS DE FORAGE AVEC HYDRAULIQUE AMELIOREE**
[72] OMIDVAR, NAVID, US
[72] SILVA, ROGER H., US
[72] TAYLOR, NATHAN, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2019-08-07
[86] 2018-02-09 (PCT/US2018/017589)
[87] (WO2018/152022)
[30] US (62/459,359) 2017-02-15

[21] **3,052,966**
[13] A1
[51] **Int.Cl. A61K 35/12 (2015.01) A61K 48/00 (2006.01) C12N 5/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **NOVEL EUKARYOTIC CELL-FREE EXPRESSION SYSTEM THAT DOES NOT REQUIRE AN ARTIFICIAL ENERGY REGENERATION SYSTEM**
[54] **NOUVEAU SYSTEME D'EXPRESSION EXEMPT DE CELLULE EUCARYOTE NE NECESSITANT PAS DE SYSTEME DE REGENERATION D'ENERGIE ARTIFICIELLE**
[72] MADDURI, KRISHNA, US
[72] ARMSTRONG, JANNA, US
[72] ETTER, AUDREY, US
[72] BUNTRU, MATTHIAS, DE
[72] VOGEL, SIMON, DE
[72] SCHILLBERG, STEFAN, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV, DE
[71] DOW AGROSCIENCES LLC, US
[85] 2019-08-07
[86] 2018-02-09 (PCT/US2018/017602)
[87] (WO2018/148530)
[30] US (62/457,073) 2017-02-09

[21] **3,052,967**
[13] A1
[51] **Int.Cl. H01H 3/02 (2006.01) H01H 3/00 (2006.01) H01H 3/06 (2006.01) H01H 3/08 (2006.01) H01H 3/10 (2006.01) H01H 3/12 (2006.01) H01H 3/54 (2006.01)**
[25] EN
[54] **OPERATOR MECHANISM FOR CONTROL ENCLOSURE**
[54] **MECANISME D'ACTIONNEMENT POUR ENCEINTE DE COMMANDE**
[72] BUTLER, ANDREW JAMES, US
[72] DECARR, GRAIG EDMUND, US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2019-08-07
[86] 2018-02-09 (PCT/US2018/017622)
[87] (WO2018/148545)
[30] US (62/457,313) 2017-02-10

[21] **3,052,970**
[13] A1
[51] **Int.Cl. C12N 5/09 (2010.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **A HIGH THROUGHPUT 3D ASSAY FOR IMMUNE CELL AND DRUG HOMING, MIGRATION AND TUMOR CYTOTOXICITY**
[54] **DOSAGE 3D A RENDEMENT ELEVE POUR L'ECOTROPISME, LA MIGRATION ET LA CYTOTOXICITE TUMORALE DE CELLULES IMMUNITAIRES ET DE MEDICAMENTS**
[72] SHERMAN, HILARY A., US
[71] CORNING INCORPORATED, US
[85] 2019-08-07
[86] 2018-02-06 (PCT/US2018/017081)
[87] (WO2018/148208)
[30] US (62/455,881) 2017-02-07

[21] **3,052,972**
[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) B06B 1/08 (2006.01) E21B 28/00 (2006.01)**
[25] EN
[54] **DOWNHOLE ACOUSTIC EMITTER**
[54] **EMETTEUR ACOUSTIQUE DE FOND DE PUITS**
[72] TARAKANOV, VALERIY VIKTOROVICH, RU
[72] KUZNETSOV, MIKHAIL INNOKENTYEVICH, RU
[72] PATSERKOVSKIY, ROMAN PETROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIU "NPO "PROMRESURS" (OOO "NPO "PROMRESURS"), RU
[71] FEDERALNOE GOSUDARSTVENNOE BUDZHETNOE UCHREZHDENIE NAUKI INSTITUT FIZIKI METALLOV IMENI M.N. MIKHEEVA URALSKOGO OTDELENIYA ROSSIISKOI ACADEMII NAUK (IFM URO RAN), RU
[71] SERVICIOS Y SUMINISTROS WEAVER DE MEXICO, SA DE CV, MX
[85] 2019-01-29
[86] 2017-05-11 (PCT/RU2017/000301)
[87] (WO2018/038635)
[30] RU (2016134572) 2016-08-23

[21] **3,052,973**
[13] A1
[51] **Int.Cl. A61K 51/04 (2006.01) A61K 51/00 (2006.01) G21G 1/02 (2006.01)**
[25] EN
[54] **METHOD OF USE FOR THERAPEUTIC BONE AGENTS**
[54] **METHODE D'UTILISATION D'AGENTS OSSEUX THERAPEUTIQUES**
[72] SIMON, JAIME, US
[72] FRANK, R. KEITH, US
[71] IGL PHARMA, INC., US
[85] 2019-08-07
[86] 2018-02-06 (PCT/US2018/017082)
[87] (WO2018/148209)
[30] US (62/456,191) 2017-02-08

[21] **3,052,975**
[13] A1
[51] **Int.Cl. A61K 38/08 (2019.01) A61P 9/10 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING DISEASE ASSOCIATED WITH PERMEABILITY OF INTESTINAL EPITHELIUM**
[54] **COMPOSITIONS ET METHODES DESTINEES AU TRAITEMENT D'UNE MALADIE ASSOCIEE A LA PERMEABILITE DE L'EPITHELIUM INTESTINAL**
[72] MADAN, JAY, US
[72] BLIKSLAGER, ANTHONY, US
[71] INNOVATE BIOPHARMACEUTICALS, INC., US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2019-08-07
[86] 2018-02-12 (PCT/US2018/017813)
[87] (WO2018/148655)
[30] US (62/457,279) 2017-02-10

[21] **3,052,976**
[13] A1
[51] **Int.Cl. H02J 7/04 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **DYNAMIC CONTROL OF CONFIGURATIONS OF ELECTRICAL CIRCUITS**
[54] **COMMANDE DYNAMIQUE DE CONFIGURATIONS DE CIRCUITS ELECTRIQUES**
[72] BOTTS, RICHARD EDWARD, US
[72] DAVENPORT, LANIER M., US
[72] THOMAS, ANDREW L., US
[71] PREMERGY, INC., US
[85] 2019-08-07
[86] 2018-02-07 (PCT/US2018/017176)
[87] (WO2018/148249)
[30] US (62/456,316) 2017-02-08

[21] **3,052,977**
[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 1/34 (2006.01) C12M 3/04 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **PORTABLE DEVICE AND METHODS FOR EFFICIENT PRODUCTION OF MICROBES**
[54] **DISPOSITIF PORTABLE ET PROCEDES DE PRODUCTION EFFICACE DE MICROBES**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] DIXON, TYLER, US
[71] LOCUS IP COMPANY, LLC, US
[85] 2019-08-07
[86] 2018-02-12 (PCT/US2018/017814)
[87] (WO2018/148656)
[30] US (62/457,445) 2017-02-10

[21] **3,052,978**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) G10L 15/22 (2006.01)**
[25] EN
[54] **AUDIO-BASED LOAD CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE CHARGE A BASE AUDIO**
[72] BAKER, RHODES B., US
[72] HARTE, MATTHEW V., US
[72] KARC, JEFFREY, US
[72] KNODE, GALEN E., US
[72] NILL, JOHN B., US
[72] SHUKLA, JAYKRISHNA A., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2019-08-07
[86] 2018-02-07 (PCT/US2018/017268)
[87] (WO2018/148315)
[30] US (62/455,973) 2017-02-07

[21] **3,052,979**
[13] A1
[51] **Int.Cl. G01N 21/01 (2006.01) G01N 15/14 (2006.01) G01N 21/27 (2006.01)**
[25] EN
[54] **LIGHT DETECTION SYSTEMS AND METHODS FOR USING THEREOF**
[54] **SYSTEMES DE DETECTION DE LUMIERE ET LEURS PROCEDES D'UTILISATION**
[72] CAO, JIANYING, US
[72] WU, AUSTIN, US
[72] DO, DAVID THAO, US
[72] PETERSEN, TIMOTHY WAYNE, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-08-07
[86] 2018-02-12 (PCT/US2018/017859)
[87] (WO2018/156371)
[30] US (62/464,282) 2017-02-27

[21] **3,052,980**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 13/00 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **SINGLE LUMEN GAS SEALED ACCESS PORT FOR USE DURING ENDOSCOPIC SURGICAL PROCEDURES**
[54] **ORIFICE D'ACCES ETANCHE AUX GAZ ET A LUMIERE UNIQUE DESTINE A ETRE UTILISE PENDANT DES PROCEDURES CHIRURGICALES ENDOSCOPIQUES**
[72] SILVER, MIKIYA, US
[72] KANE, MICHAEL J., US
[72] AUGELLI, MICHAEL J., US
[71] CONMED CORPORATION, US
[85] 2019-08-07
[86] 2018-02-23 (PCT/US2018/019495)
[87] (WO2018/164859)
[30] US (62/468,417) 2017-03-08
[30] US (15/896,302) 2018-02-14

[21] **3,052,981**
[13] A1
[51] **Int.Cl. B01D 53/18 (2006.01) B01D 53/50 (2006.01) B01D 53/94 (2006.01)**
[25] EN
[54] **HEAVY MARINE FUEL OIL COMPOSITION**
[54] **COMPOSITION D'HUILE COMBUSTIBLE MARINE LOURDE**
[72] KLUSSMANN, BERTRAND R., US
[72] MOORE, MICHAEL J., US
[71] MAGEMA TECHNOLOGY, LLC, US
[85] 2019-08-07
[86] 2018-02-12 (PCT/US2018/017863)
[87] (WO2018/148681)
[30] US (62/458,002) 2017-02-12
[30] US (62/589,479) 2017-11-21

[21] **3,052,982**
[13] A1
[51] **Int.Cl. H04W 68/00 (2009.01) H04L 29/06 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **ENHANCED PAGING IN 4G LTE MOBILE SATELLITE SYSTEMS**
[54] **RADIOMESSAGERIE AMELIOREE DANS DES SYSTEMES DE SATELLITE DU SERVICE MOBILE LTE 4G**
[72] ZAKARIA, GAGUK, US
[72] RAVISHANKAR, CHANNASANDRA, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2019-08-07
[86] 2018-02-12 (PCT/US2018/017888)
[87] (WO2018/148696)
[30] US (62/457,497) 2017-02-10

[21] **3,052,983**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 13/00 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **SINGLE LUMEN GAS SEALED TROCAR FOR MAINTAINING STABLE CAVITY PRESSURE WITHOUT ALLOWING INSTRUMENT ACCESS THERETHROUGH DURING ENDOSCOPIC SURGICAL PROCEDURES**
[54] **TROCART ETANCHE AU GAZ A LUMIERE UNIQUE POUR MAINTENIR UNE PRESSION DE CAVITE STABLE SANS PERMETTRE UN ACCES A L'INSTRUMENT A TRAVERS CELUI-CI PENDANT DES PROCEDURES CHIRURGICALES ENDOSCOPIQUES**
[72] KANE, MICHAEL J., US
[72] KLEYMAN, GENNADY, US
[72] AUGELLI, MICHAEL J., US
[72] SILVER, MIKIYA, US
[71] CONMED CORPORATION, US
[85] 2019-08-07
[86] 2018-02-23 (PCT/US2018/019506)
[87] (WO2018/164860)
[30] US (62/468,417) 2017-03-08
[30] US (15/896,314) 2018-02-14

[21] **3,052,984**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 34/30 (2016.01) A61M 13/00 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **SEPARABLE TWO-PART SINGLE LUMEN GAS SEALED ACCESS PORT FOR USE DURING ENDOSCOPIC SURGICAL PROCEDURES**
[54] **ORIFICE D'ACCES ETANCHE AU GAZ A LUMIERE UNIQUE A DEUX PARTIES SEPARABLES DESTINE A ETRE UTILISE PENDANT DES PROCEDURES CHIRURGICALES ENDOSCOPIQUES**
[72] AUGELLI, MICHAEL J., US
[72] SILVER, MIKIYA, US
[72] KANE, MICHAEL J., US
[71] CONMED CORPORATION, US
[85] 2019-08-07
[86] 2018-02-23 (PCT/US2018/019515)
[87] (WO2018/164861)
[30] US (62/468,417) 2017-03-08
[30] US (15/896,337) 2018-02-14

[21] **3,052,986**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/36 (2006.01) G01N 1/44 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **MOLECULAR MANIPULATION AND ASSAY WITH CONTROLLED TEMPERATURE**
[54] **MANIPULATION MOLECULAIRE ET DOSAGE A TEMPERATURE CONTROLEE**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-07
[86] 2018-02-14 (PCT/US2018/018108)
[87] (WO2018/148764)
[30] US (62/456,596) 2017-02-08

[21] **3,052,987**
[13] A1
[51] **Int.Cl. C12Q 1/00 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD OF PREDICTING CLINICAL OUTCOME OF ANTICANCER AGENTS**
[54] **METHODE DE PREDICTION DE RESULTAT CLINIQUE D'AGENTS ANTICANCEREUX**
[72] GOLDMAN, AARON, US
[72] MAJUMDER, PRADIP K., US
[72] RADHAKRISHNAN, PADHMA D., US
[71] MITRA RXDX, INC., US
[85] 2019-08-07
[86] 2018-02-07 (PCT/US2018/017297)
[87] (WO2018/148334)
[30] US (62/456,550) 2017-02-08
[30] US (62/464,993) 2017-02-28
[30] US (62/596,060) 2017-12-07

[21] **3,052,988**
[13] A1
[51] **Int.Cl. H01M 2/16 (2006.01) H01M 10/0566 (2010.01) H01M 10/0568 (2010.01) H01M 4/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A STABLE HIGH TEMPERATURE SECONDARY BATTERY**
[54] **SYSTEME ET PROCEDE POUR BATTERIE SECONDAIRE STABLE A HAUTE TEMPERATURE**
[72] WANG, RICHARD Y., US
[72] PASTA, MAURO, US
[72] RISSET, OLIVIA, US
[72] CHEN, CHEN-FAN, US
[71] CUBERG, INC., US
[85] 2019-08-07
[86] 2018-02-24 (PCT/US2018/019594)
[87] (WO2018/157007)
[30] US (62/463,194) 2017-02-24

[21] **3,052,989**
[13] A1
[51] **Int.Cl. H01L 35/32 (2006.01) B60N 2/56 (2006.01)**
[25] EN
[54] **THERMOELECTRIC MODULE AND FLEXIBLE THERMOELECTRIC CIRCUIT ASSEMBLY**
[54] **MODULE THERMOELECTRIQUE ET ENSEMBLE CIRCUIT THERMOELECTRIQUE FLEXIBLE**
[72] DAVIS, JASON, US
[72] STEPANOV, ARTUR, US
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017409)
[87] (WO2018/148398)
[30] US (62/456,346) 2017-02-08

[21] **3,052,990**
[13] A1
[51] **Int.Cl. C21D 6/00 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01) C22C 38/22 (2006.01) C22C 38/24 (2006.01) C22C 38/26 (2006.01) C22C 38/38 (2006.01)**
[25] EN
[54] **HOT-ROLLED STEEL WITH VERY HIGH STRENGTH AND METHOD FOR PRODUCTION**
[54] **ACIER LAMINE A CHAUD A TRES HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION**
[72] PAVLINA, ERIK JAMES, US
[72] ROUBIDOUX, JOHN ANDREW, US
[71] AK STEEL PROPERTIES, INC., US
[85] 2019-08-07
[86] 2018-02-28 (PCT/US2018/020234)
[87] (WO2018/160700)
[30] US (62/465,527) 2017-03-01

[21] **3,052,991**
[13] A1
[51] **Int.Cl. F16D 55/225 (2006.01) F16D 65/00 (2006.01) F16D 65/092 (2006.01) F16D 65/095 (2006.01) F16D 69/04 (2006.01)**
[25] EN
[54] **WEAR OPTIMIZED PAD DESIGN**
[54] **PLAQUETTE OPTIMISEE CONTRE L'USURE**
[72] SABETI, MANOUCHEHR, US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017432)
[87] (WO2018/148415)
[30] US (15/427,723) 2017-02-08

[21] **3,052,992**
[13] A1
[51] **Int.Cl. A46B 13/02 (2006.01) A46B 7/02 (2006.01) A46B 7/04 (2006.01) A46B 7/06 (2006.01) A46B 7/10 (2006.01) A46B 13/00 (2006.01)**
[25] EN
[54] **SONIC MAKEUP BRUSH**
[54] **PINCEAU DE MAQUILLAGE SONIQUE**
[72] FRIEND, MICHAEL, US
[72] NENGFEI, XU, CN
[71] MICHAEL TODD BEAUTY LP, US
[85] 2019-08-07
[86] 2018-02-16 (PCT/US2018/018477)
[87] (WO2018/152393)
[30] US (62/461,022) 2017-02-20

[21] **3,052,993**
[13] A1
[51] **Int.Cl. F23G 5/04 (2006.01) F23B 40/00 (2006.01) F23G 5/46 (2006.01) F23K 1/00 (2006.01) F23K 3/00 (2006.01) F26B 3/06 (2006.01) F26B 17/20 (2006.01) F26B 25/06 (2006.01)**
[25] EN
[54] **HOPPER SYSTEM**
[54] **SYSTEME DE TREMIE**
[72] MILLER, BLAINE, US
[71] DIRIGO TIMBERLANDS CO., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017445)
[87] (WO2018/148425)
[30] US (62/457,464) 2017-02-10

[21] **3,052,994**
[13] A1
[51] **Int.Cl. H04W 36/22 (2009.01)**
[25] EN
[54] **USER PLANE RELOCATION TECHNIQUES IN WIRELESS COMMUNICATION SYSTEMS**
[54] **TECHNIQUES DE RELOCALISATION DE PLAN UTILISATEUR DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] FACCIN, STEFANO, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-08-07
[86] 2018-02-22 (PCT/US2018/019217)
[87] (WO2018/175034)
[30] US (62/473,904) 2017-03-20
[30] US (15/900,532) 2018-02-20

[21] **3,052,995**
[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **TECHNIQUES AND APPARATUSES FOR CHANNEL PROCESSING BACKWARDS COMPATIBILITY**
[54] **TECHNIQUES ET APPAREILS DE RETROCOMPATIBILITE DE TRAITEMENT DE CANAL**
[72] RICO ALVARINO, ALBERTO, US
[72] GAAL, PETER, US
[72] BHATTAD, KAPIL, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-08-07
[86] 2018-02-23 (PCT/US2018/019471)
[87] (WO2018/175038)
[30] IN (201741010254) 2017-03-23
[30] US (15/715,706) 2017-09-26

[21] **3,052,996**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING PRECODING MATRIX SET AND TRANSMISSION APPARATUS**
[54] **PROCEDE DE DETERMINATION D'ENSEMBLE DE MATRICES DE PRECODAGE ET DISPOSITIF DE TRANSMISSION**
[72] ZHANG, RUIQI, CN
[72] LI, XUERU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-08-08
[86] 2018-07-04 (PCT/CN2018/094446)
[87] (WO2019/033868)
[30] CN (201710687817.4) 2017-08-12

[21] **3,052,997**
[13] A1
[51] **Int.Cl. G06F 16/21 (2019.01) G06F 21/62 (2013.01) G06F 16/27 (2019.01)**
[25] EN
[54] **BLOCKCHAIN DATA PROTECTION BASED ON GENERIC ACCOUNT MODEL AND HOMOMORPHIC ENCRYPTION**
[54] **PROTECTION DE DONNEES DE CHAINE DE BLOCS BASEE SUR UN MODELE DE COMPTE GENERIQUE ET UN CHIFFREMENT HOMOMORPHIQUE**
[72] ZHANG, WENBIN, CN
[72] MA, BAOLI, CN
[72] MA, HUANYU, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-08-08
[86] 2018-12-21 (PCT/CN2018/122539)
[87] (WO2019/072300)

[21] **3,052,998**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) B01D 17/00 (2006.01) B01D 17/02 (2006.01) B01D 24/04 (2006.01) B01D 39/04 (2006.01) B01J 20/24 (2006.01) C02F 1/28 (2006.01) B01D 17/04 (2006.01) B01J 20/28 (2006.01) E03F 5/04 (2006.01)**
[25] EN
[54] **DEVICE FOR CLEANING A FLUID CONTAMINATED WITH OIL**
[54] **DISPOSITIF DE LAVAGE D'UN LIQUIDE CONTAMINE PAR DE L'HUILE**
[72] ZACHERT, WOLFGANG, DE
[71] ZACHERT, WOLFGANG, DE
[85] 2019-08-08
[86] 2017-09-21 (PCT/EP2017/001126)
[87] (WO2018/145722)
[30] DE (DE 10 2017 001 223.7) 2017-02-09
[30] DE (DE 10 2017 005 217.4) 2017-06-01

[21] **3,053,000**
[13] A1
[51] **Int.Cl. C12P 19/24 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF A SOLID MATERIAL CONTAINING ISOMALTULOSE CRYSTALS AND TREHALULOSE**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU SOLIDE CONTENANT DES CRISTAUX D'ISOMALTULOSE ET DU TREHALULOSE**
[72] HELLMERS, FRANK, DE
[72] SCHLEGEL-KACHEL, SIBYLIE, DE
[72] OHRLEIN, JOHANNES, DE
[72] WOLTER, JAN, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2019-08-08
[86] 2018-02-07 (PCT/EP2018/053023)
[87] (WO2018/149707)
[30] EP (17156215.0) 2017-02-15

[21] **3,053,002**
[13] A1
[51] **Int.Cl. G01N 33/487 (2006.01) G01N 33/49 (2006.01) G01N 33/53 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **BIO/CHEMICAL MATERIAL EXTRACTION AND ASSAY**
[54] **EXTRACTION ET DOSAGE DE MATIERES BIO/CHIMIQUES**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORP., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017501)
[87] (WO2018/148469)
[30] US (62/456,504) 2017-02-08
[30] US (62/456,552) 2017-02-08
[30] US (62/457,133) 2017-02-09
[30] US (62/459,232) 2017-02-15
[30] US (62/460,062) 2017-02-16
[30] US (62/463,578) 2017-02-24

[21] **3,053,004**
[13] A1
[51] **Int.Cl. H04N 13/346 (2018.01) H04N 13/31 (2018.01) H04N 13/366 (2018.01) G02B 27/01 (2006.01) G09B 9/32 (2006.01) G09G 5/377 (2006.01)**
[25] EN
[54] **METHOD TO CONTROL A VIRTUAL IMAGE IN A DISPLAY**
[54] **PROCEDE DE COMMANDE D'UNE IMAGE VIRTUELLE DANS UN DISPOSITIF D'AFFICHAGE**
[72] RADEL, JASON CARL, CA
[72] PETRUZZIELLO, FERNANDO, CA
[71] 8259402 CANADA INC., CA
[85] 2019-08-08
[86] 2018-03-06 (PCT/CA2018/050266)
[87] (WO2018/161163)
[30] US (62/467,846) 2017-03-07
[30] US (62/514,194) 2017-06-02

[21] **3,053,005**
[13] A1
[51] **Int.Cl. G01N 1/00 (2006.01) B01L 3/00 (2006.01) G01N 1/28 (2006.01) G01N 33/487 (2006.01) G02B 21/34 (2006.01)**
[25] EN
[54] **SAMPLE COLLECTION AND HANDLING FOR DELAYED ANALYSIS**
[54] **COLLECTE ET MANIPULATION D'ECHANTILLONS POUR ANALYSE RETARDEE**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017502)
[87] (WO2018/148470)
[30] US (62/456,504) 2017-02-08
[30] US (62/456,638) 2017-02-08
[30] US (62/457,133) 2017-02-09
[30] US (62/460,062) 2017-02-16
[30] US (62/460,047) 2017-02-16
[30] US (62/539,691) 2017-08-01

[21] **3,053,006**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 37/06 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 9/00 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **REGULATING CHIMERIC ANTIGEN RECEPTORS**
[54] **REGULATION DE RECEPTEURS D'ANTIGENES CHIMERIQUES**
[72] BRADNER, JAMES, US
[72] ROBERTS, JUSTIN, US
[72] NABET, BEHNAM, US
[72] WINTER, GEORG, AT
[72] PHILLIPS, ANDREWS J., US
[72] HEFFERNAN, TIMOTHY P., US
[72] BUCKLEY, DENNIS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017464)
[87] (WO2018/148440)
[30] US (62/456,649) 2017-02-08
[30] US (62/457,124) 2017-02-09

[21] **3,053,007**
[13] A1
[51] **Int.Cl. F02B 25/14 (2006.01) F02B 33/04 (2006.01) F02B 75/02 (2006.01) F02M 69/04 (2006.01)**
[25] EN
[54] **TWO-STROKE INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A DEUX TEMPS**
[72] REHRL, CHRISTIAN, AT
[72] DROCHNER, HELMUT, AT
[72] MAYRHOFER, CHRISTIAN, AT
[72] SPATZENEGGER, STEFAN, AT
[72] RATHGEB, CHRISTIAN, AT
[72] DERNTL, MICHAEL, AT
[72] HOLZLEITNER, BERND, AT
[72] GORBACH, PETER, AT
[72] FORSTER, MARTIN, AT
[72] VIERTLMAYR, MICHAEL, AT
[71] KTM AG, AT
[85] 2019-08-08
[86] 2018-02-09 (PCT/EP2018/053275)
[87] (WO2018/146251)
[30] DE (10 2017 102 792.0) 2017-02-13

[21] **3,053,008**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A61K 35/17 (2015.01) A61K 47/64 (2017.01) C12N 9/64 (2006.01) C12N 15/09 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **TUNABLE ENDOGENOUS PROTEIN DEGRADATION WITH HETEROBIFUNCTIONAL COMPOUNDS**
[54] **DEGRADATION MODULABLE DE PROTEINE ENDOGENE AVEC DES COMPOSES HETEROBIFONCTIONNELS**
[72] BUCKLEY, DENNIS, US
[72] WINTER, GEORG, AT
[72] PHILLIPS, ANDREWS J., US
[72] HEFFERNAN, TIMOTHY P., US
[72] BRADNER, JAMES, US
[72] ROBERTS, JUSTIN, US
[72] NABET, BEHNAM, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017468)
[87] (WO2018/148443)
[30] US (62/456,654) 2017-02-08
[30] US (62/457,127) 2017-02-09

[21] **3,053,009**
[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) G02B 21/24 (2006.01) G02B 21/33 (2006.01) G06K 9/00 (2006.01) H04N 5/222 (2006.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **OPTICS, DEVICE, AND SYSTEM FOR ASSAYING**
[54] **OPTIQUE, DISPOSITIF ET SYSTEME D'ESSAI**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] TIAN, JUN, US
[72] ZHANG, YUFAN, US
[72] DONG, WEI, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017504)
[87] (WO2018/148471)
[30] US (62/456,598) 2017-02-08
[30] US (62/456,590) 2017-02-08
[30] US (62/456,504) 2017-02-08
[30] US (62/456,904) 2017-02-09
[30] US (62/457,133) 2017-02-09
[30] US (62/459,554) 2017-02-15
[30] US (62/460,075) 2017-02-16
[30] US (62/460,062) 2017-02-16

[21] **3,053,010**
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **MULTI-SPECIFIC BINDING PROTEINS FOR ACTIVATION OF NATURAL KILLER CELLS AND THERAPEUTIC USES THEREOF TO TREAT CANCER**
[54] **PROTEINES DE FIXATION MULTI-SPECIFIQUES DESTINEES A L'ACTIVATION DE CELLULES TUEUSES NATURELLES ET LEURS UTILISATIONS THERAPEUTIQUES POUR TRAITER LE CANCER**
[72] CHANG, GREGORY P., US
[72] CHEUNG, ANN F., US
[72] HANEY, WILLIAM, US
[72] GRINBERG, ASYA, US
[71] DRAGONFLY THERAPEUTICS, INC., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017470)
[87] (WO2018/148445)
[30] US (62/456,535) 2017-02-08

[21] **3,053,011**
[13] A1
[51] **Int.Cl. A61B 3/12 (2006.01) A61B 3/13 (2006.01) A61B 3/14 (2006.01) A61B 3/15 (2006.01) A61B 3/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR CAPTURING, ANALYZING, AND SENDING STILL AND VIDEO IMAGES OF THE FUNDUS**
[54] **DISPOSITIF ET PROCEDE DE CAPTURE, D'ANALYSE ET D'ENVOI D'IMAGES FIXES ET VIDEO DU FOND D'OEIL**
[72] DIRGHANGI, ARJUN, US
[72] METRO, GOPAL, US
[72] WILLIAMS, DUSTIN, US
[72] BABU, VARUNDEV, US
[72] LAGALANTE, DANIEL, US
[72] IRIS, JEFFREY, US
[71] SCANOPTIX, INC., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017481)
[87] (WO2018/148451)
[30] US (62/456,630) 2017-02-08

[21] **3,053,012**
[13] A1
[51] **Int.Cl. F02C 7/262 (2006.01) F02C 7/275 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM FOR A SINGLE-ENGINE HELICOPTER**
[54] **SYSTEME PROPULSIF D'UN HELICOPTERE MONOMOTEUR**
[72] THIRIET, ROMAIN, FR
[72] SERGHINE, CAMEL, FR
[72] PUERTO, ALPHONSE, FR
[72] SARRAT, CHRISTIAN, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2019-08-08
[86] 2018-02-05 (PCT/FR2018/050282)
[87] (WO2018/150121)
[30] FR (1751235) 2017-02-15

[21] **3,053,013**
[13] A1
[51] **Int.Cl. F25D 23/02 (2006.01) A47F 3/04 (2006.01) E05D 5/02 (2006.01)**
[25] EN
[54] **INSULATING DOOR AND FRAME**
[54] **PORTE ET CADRE ISOLANTS**
[72] CHUBB, RICHARD A., US
[72] CHEKE, DONALD B., CA
[71] THERMOSEAL INDUSTRIES, LLC, US
[85] 2019-08-07
[86] 2018-02-09 (PCT/US2018/017531)
[87] (WO2018/148481)
[30] US (62/456,811) 2017-02-09

[21] **3,053,014**
[13] A1
[51] **Int.Cl. F04B 1/12 (2006.01) F04B 39/00 (2006.01) F04B 53/00 (2006.01) F04B 53/02 (2006.01) F04B 53/14 (2006.01) F04B 53/16 (2006.01) F16J 9/00 (2006.01)**
[25] FR
[54] **ARTICULATED COUPLING FOR PISTON SEALING DEVICE**
[54] **ATTELAGE ARTICULE POUR DISPOSITIF D'ETANCHEITE POUR PISTON**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2019-08-08
[86] 2018-02-12 (PCT/FR2018/050331)
[87] (WO2018/154213)
[30] FR (1751559) 2017-02-27

[21] **3,053,015**
[13] A1
[51] **Int.Cl. F02G 1/02 (2006.01)**
[25] FR
[54] **REGENERATIVE COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT REGENERATIF**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2019-08-08
[86] 2018-02-12 (PCT/FR2018/050335)
[87] (WO2018/154214)
[30] FR (1751571) 2017-02-27

[21] **3,053,017**
[13] A1
[51] **Int.Cl. F16H 7/08 (2006.01)**
[25] FR
[54] **BELT TENSIONER**
[54] **TENDEUR DE COURROIE**
[72] GUILLOT, BENOIT, FR
[71] HUTCHINSON, FR
[85] 2019-08-08
[86] 2018-02-14 (PCT/FR2018/050357)
[87] (WO2018/150137)
[30] FR (FR1751196) 2017-02-14

[21] **3,053,018**
[13] A1
[51] **Int.Cl. B65G 1/02 (2006.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM FOR TIRE STORAGE, RETRIEVAL, AND INVENTORY MANAGEMENT**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION DE PNEUS, ET DE GESTION D'INVENTAIRE**
[72] ALLEN, THOMAS J., US
[71] ALLEN, THOMAS J., US
[85] 2019-08-07
[86] 2018-02-08 (PCT/US2018/017500)
[87] (WO2018/148468)
[30] US (15/429,079) 2017-02-09

[21] **3,053,021**
[13] A1
[51] **Int.Cl. D04B 3/02 (2006.01)**
[25] EN
[54] **SOCK KNITTING NEEDLE**
[54] **AIGUILLE A TRICOTER POUR CHAUSSETTES**
[72] RASCH, SYLVIA, DE
[85] 2019-08-07
[86] 2018-02-09 (PCT/EP2018/053276)
[87] (WO2018/162172)
[30] DE (20 2017 001 294.4) 2017-03-10

[21] **3,053,024**
[13] A1
[51] **Int.Cl. C09D 11/16 (2014.01) B43K 8/02 (2006.01)**
[25] EN
[54] **DRY-ERASE INK WITH IMPROVED DRYING TIME**
[54] **ENCRE EFFACABLE A SEC A TEMPS DE SECHAGE AMELIOREE**
[72] BETHOUART, CARINE, FR
[72] LEFEBVRE, PHILIPPE, FR
[72] DEBRAUWER, CHRISTELLE, FR
[71] SOCIETE BIC, FR
[85] 2019-08-08
[86] 2018-04-16 (PCT/FR2018/050952)
[87] (WO2018/193196)
[30] FR (1753339) 2017-04-18

[21] **3,053,028**
[13] A1
[51] **Int.Cl. G06T 7/33 (2017.01) G06T 7/521 (2017.01) G06T 7/80 (2017.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CALIBRATING IMAGING SYSTEM**
[54] **PROCEDE ET SYSTEME D'ETALONNAGE DE SYSTEME D'IMAGERIE**
[72] BOYLE, ADRIAN, IE
[72] FLYNN, MICHAEL, IE
[71] CATHX OCEAN LIMITED, IE
[85] 2019-08-08
[86] 2018-02-09 (PCT/EP2018/053355)
[87] (WO2018/146280)
[30] GB (1702118.9) 2017-02-09

[21] **3,053,032**
[13] A1
[51] **Int.Cl. G10L 21/003 (2013.01) G10H 1/06 (2006.01)**
[25] FR
[54] **METHOD AND APPARATUS FOR DYNAMIC MODIFYING OF THE TIMBRE OF THE VOICE BY FREQUENCY SHIFT OF THE FORMANTS OF A SPECTRAL ENVELOPE**
[54] **METHODE ET APPAREIL DE MODIFICATION DYNAMIQUE DU TIMBRE DE LA VOIX PAR DECALAGE EN FREQUENCE DES FORMANTS D'UNE ENVELOPPE SPECTRALE**
[72] AUCOUTURIER, JEAN-JULIEN, FR
[72] ARIAS, PABLO, FR
[72] ROEBEL, AXEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] SORBONNE UNIVERSITE, FR
[71] INSTITUT DE RECHERCHE ET DE COORDINATION ACOUSTIQUE/MUSIQUE, FR
[85] 2019-08-08
[86] 2018-02-12 (PCT/EP2018/053433)
[87] (WO2018/146305)
[30] FR (1751163) 2017-02-13

[21] **3,053,033**
[13] A1
[51] **Int.Cl. C05G 3/00 (2006.01) A01N 25/04 (2006.01) A01N 25/10 (2006.01) C05F 11/02 (2006.01)**
[25] EN
[54] **HUMIC SUBSTANCE-ENCAPSULATED PARTICLES, COMPOSITIONS AND METHOD OF MAKING THE SAME**
[54] **PARTICULES ENCAPSULEES DANS UNE SUBSTANCE HUMIQUE, COMPOSITIONS ET PROCEDE DE FABRICATION ASSOCIES**
[72] URRUTIA SAGARDIA, OSCAR, ES
[72] ERRO GARCES, JAVIER, ES
[72] FUENTES RAMIREZ, MARTA, ES
[72] BAIGORRI EKISOAIN, ROBERTO, ES
[72] ZAMARRENO ARREGUI, ANGEL MARIA, ES
[72] YVIN, JEAN-CLAUDE, FR
[72] GARCIA-MINA FREIRE, JOSE MARIA, ES
[71] AGRO INNOVATION INTERNATIONAL, FR
[71] UNIVERSIDAD DE NAVARRA, ES
[85] 2019-08-08
[86] 2018-02-13 (PCT/EP2018/053558)
[87] (WO2018/149825)
[30] ES (P201730174) 2017-02-14

[21] **3,053,035**
[13] A1
[51] **Int.Cl. A23L 13/00 (2016.01) A23L 13/40 (2016.01) A23L 13/70 (2016.01) A23D 9/02 (2006.01) C11C 3/10 (2006.01)**
[25] EN
[54] **MARINADE**
[54] **MARINADE**
[72] DE LIMA, CHRISTOPHER MARK, NL
[72] MA, JUN, NL
[72] THERON, KARIN ALICIA, NL
[71] BUNGE LODERS CROKLAAN B.V., NL
[85] 2019-08-08
[86] 2018-02-14 (PCT/EP2018/053688)
[87] (WO2018/149880)
[30] EP (17275019.2) 2017-02-15

[21] **3,053,037**
[13] A1
[51] **Int.Cl. C09D 11/101 (2014.01) C09D 11/30 (2014.01) B41M 7/00 (2006.01) C09D 4/00 (2006.01)**
[25] EN
[54] **ACRYLATE-BASED MONOMERS FOR USE AS REACTIVE DILUENTS IN PRINTING FORMULATIONS**
[54] **MONOMERES A BASE D'ACRYLATE A UTILISER EN TANT QUE DILUANTS REACTIFS DANS DES FORMULATIONS D'IMPRESSION**
[72] FLECKENSTEIN, CHRISTOPH, DE
[72] BARO, JUERGEN, DE
[72] BECK, ERICH, DE
[72] KALLER, MARTIN, DE
[72] MISSKE, ANDREA, DE
[72] FLEISCHHAKER, FRIEDERIKE, DE
[71] BASF SE, DE
[85] 2019-08-08
[86] 2018-02-09 (PCT/EP2018/053304)
[87] (WO2018/146259)
[30] EP (17155623.6) 2017-02-10

[21] **3,053,040**
[13] A1
[51] **Int.Cl. A23D 9/00 (2006.01) A23L 13/70 (2016.01) A23D 9/04 (2006.01) C11C 3/10 (2006.01)**
[25] EN
[54] **HIGH STEARIC ACID MARINADE**
[54] **MARINADE A HAUTE TENEUR EN ACIDE STEARIQUE**
[72] DE LIMA, CHRISTOPHER MARK, NL
[72] MA, JUN, NL
[72] THERON, KARIN ALICIA, NL
[71] BUNGE LODERS CROKLAAN B.V., NL
[85] 2019-08-08
[86] 2018-02-14 (PCT/EP2018/053695)
[87] (WO2018/149884)
[30] EP (17275020.0) 2017-02-15

[21] **3,053,043**
[13] A1
[51] **Int.Cl. C08B 37/00 (2006.01)**
[25] EN
[54] **ACTIVATED PECTIN-CONTAINING BIOMASS COMPOSITIONS, PRODUCTS, AND METHODS OF PRODUCING**
[54] **COMPOSITIONS DE BIOMASSE ACTIVEE CONTENANT DE LA PECTINE, PRODUITS ET PROCEDES DE PRODUCTION**
[72] STAUNSTRUP, JAN AAE, DK
[72] TRUDSO, JENS ESKIL, DK
[72] HISCOCK, DONALD F., US
[72] KLIT, CARSTEN, DK
[72] PEDERSEN, TOMMY EWI, DK
[71] CP KELCO APS, DK
[85] 2019-08-08
[86] 2018-02-14 (PCT/EP2018/053722)
[87] (WO2018/149893)
[30] US (62/459,136) 2017-02-15
[30] US (62/617,860) 2018-01-16
[30] US (15/892,639) 2018-02-09

[21] **3,053,046**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **VENDING SYSTEM AND METHOD OF AUTOMATICALLY VENDING**
[54] **SYSTEME DE DISTRIBUTION AUTOMATIQUE ET PROCEDE DE DISTRIBUTION AUTOMATIQUE**
[72] CLARKE, PAUL, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2019-08-08
[86] 2018-02-19 (PCT/EP2018/054001)
[87] (WO2018/150017)
[30] GB (1702746.7) 2017-02-20

[21] **3,053,051**
[13] A1
[51] **Int.Cl. F17C 1/00 (2006.01) F17C 1/16 (2006.01)**
[25] EN
[54] **POLE CAP WITH A PRESSURE PORT ELEMENT FOR PRESSURE VESSELS**
[54] **CAPUCHON POLAIRE MUNI D'UN ELEMENT DE RACCORDEMENT DE PRESSION POUR RECIPIENTS SOUS PRESSION**
[72] BAUMER, THOMAS, DE
[72] CASTENHOLZ, CLAUS, DE
[71] NPROXX B.V., NL
[71] NPROXX B.V., NL
[85] 2019-08-08
[86] 2018-02-16 (PCT/EP2018/053860)
[87] (WO2018/153779)
[30] EP (17157536.8) 2017-02-23

[21] **3,053,052**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **EXTRACORPOREAL BLOOD TREATMENT DEVICE AND METHOD FOR OPERATING AN EXTRACORPOREAL BLOOD TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT EXTRACORPOREL DU SANG ET PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF DE TRAITEMENT EXTRACORPOREL DU SANG**
[72] IRRGANG, TOBIAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2019-08-08
[86] 2018-02-21 (PCT/EP2018/054197)
[87] (WO2018/153881)
[30] DE (10 2017 001 770.0) 2017-02-23

[21] **3,053,059**
[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A23L 33/00 (2016.01) A23L 33/10 (2016.01) A61K 8/69 (2006.01) A61P 3/00 (2006.01) A61Q 19/06 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR USE IN THE PREVENTION AND/OR TREATMENT OF NON-ALCOHOLIC FAT LIVER DISEASE AND NON-ALCOHOLIC STEATOHEPATITIS**
[54] **COMPOSES DESTINES A ETRE UTILISES DANS LA PREVENTION ET/OU LE TRAITEMENT DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE ET DE LA STEATOHEPATITE NON ALCOOLIQUE**
[72] AGREDA NAVAJAS, JUAN CARLOS, ES
[72] MIKIO KASSUYA, ROBERTO, ES
[71] SJT MOLECULAR RESEARCH, SL, ES
[85] 2019-08-08
[86] 2018-02-19 (PCT/EP2018/053990)
[87] (WO2018/166756)
[30] US (62/471,105) 2017-03-14

[21] **3,053,061**
[13] A1
[51] **Int.Cl. A61F 6/14 (2006.01) B29D 99/00 (2010.01) B29C 67/00 (2017.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING AN INTRAUTERINE DEVICE**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN DISPOSITIF INTRA-UTERIN**
[72] WILDEMEERSCH, DIRK, BE
[71] PAT&CO BVBA, BE
[85] 2019-08-08
[86] 2018-02-22 (PCT/EP2018/054394)
[87] (WO2018/158134)
[30] BE (BE2017/5128) 2017-03-02

[21] **3,053,068**
[13] A1
[51] **Int.Cl. C07D 235/08 (2006.01) A61K 31/4184 (2006.01) C07D 401/10 (2006.01) C07D 403/10 (2006.01) C07D 413/10 (2006.01) C07D 417/10 (2006.01)**
[25] EN
[54] **1, 4, 6-TRISUBSTITUTED-2-ALKYL-1H-BENZO[D]IMIDAZOLE DERIVATIVES AS DIHYDROOROTATE OXYGENASE INHIBITORS**
[54] **DERIVES DE 1, 4, 6-TRISUBSTITUE-2-ALKYL-1H-BENZO[D]IMIDAZOLE EN TANT QU'INHIBITEURS DE DIHYDROOROTATE OXYGENASE**
[72] THUNUGUNTLA, SIVA SANJEEVA RAO, IN
[72] HOSAHALLI, SUBRAMANYA, IN
[72] PANIGRAHI, SUNIL KUMAR, IN
[72] SCHWARZ, MATTHIAS, CH
[72] ARLT, MICHAEL, DE
[71] MERCK PATENT GMBH, DE
[85] 2019-08-08
[86] 2018-02-23 (PCT/EP2018/054602)
[87] (WO2018/154088)
[30] IN (201741006586) 2017-02-24

[21] **3,053,069**
[13] A1
[51] **Int.Cl. A61K 47/60 (2017.01) A61P 35/00 (2006.01) C08G 69/10 (2006.01) C08G 69/40 (2006.01) C08G 83/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC DENDRIMERS**
[54] **DENDRIMERES THERAPEUTIQUES**
[72] MCCOULL, WILLIAM, GB
[72] ASHFORD, MARIANNE BERNICE, GB
[72] GRANT, IAIN, GB
[72] HENNESSY, EDWARD JOHN, US
[72] SECRIST, JOHN PAUL, US
[72] OWEN, DAVID, AU
[72] KELLY, BRIAN, AU
[72] GIANNIS, MICHAEL, AU
[71] ASTRAZENECA AB, SE
[85] 2019-08-08
[86] 2018-02-22 (PCT/EP2018/054420)
[87] (WO2018/154004)
[30] US (62/461,983) 2017-02-22
[30] US (62/488,151) 2017-04-21
[30] US (62/591,823) 2017-11-29

[21] **3,053,070**
[13] A1
[51] **Int.Cl. C07D 241/20 (2006.01) B01D 9/02 (2006.01) C07D 241/16 (2006.01)**
[25] EN
[54] **PRECIPITATION METHOD AND SYNTHESIS METHOD OF 2,6-DIAMINO-3,5-DINITROPYRAZINE-1-OXIDE**
[54] **PROCEDE DE PRECIPITATION ET PROCEDE DE SYNTHESE DE 2,6-DIAMINO-3,5-DINITROPYRAZINE-1-OXYDE**
[72] PASQUINET, ERIC, FR
[72] WUILLAUME, ANNE, FR
[72] PIN, NICOLAS, FR
[72] BEAUCAMP, ARNAUD, FR
[72] BARTHET, CHRISTELLE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2019-08-08
[86] 2018-02-26 (PCT/EP2018/054632)
[87] (WO2018/158177)
[30] FR (17 51645) 2017-02-28
[30] US (62/552,762) 2017-08-31

[21] **3,053,071**
[13] A1
[51] **Int.Cl. C08G 73/02 (2006.01) C08G 65/34 (2006.01) C08G 65/48 (2006.01) C10L 1/198 (2006.01) C10M 149/12 (2006.01)**
[25] EN
[54] **USE OF HYDROPHOBICALLY MODIFIED POLYALKANOLAMINES AS WAX INHIBITORS, POUR POINT DEPRESSANT AND ADDITIVE FOR LUBRICANTS**
[54] **UTILISATION DE POLYALCANOLAMINES A MODIFICATION HYDROPHOBE EN TANT QU'INHIBITEURS DE CIRE, ADDITIF ABAISSANT LE POINT D'ECOULEMENT ET ADDITIF POUR LUBRIFIANTS**
[72] MUELLER-CRISTADORO, ANNA, DE
[72] FRENZEL, STEFAN, DE
[72] FIES, MATTHIAS, DE
[72] BOHRES, EDWARD, DE
[72] CSIHONY, SZILARD, DE
[72] FU, XIAO, SG
[71] BASF SE, DE
[85] 2019-08-08
[86] 2018-03-05 (PCT/EP2018/055328)
[87] (WO2018/162403)
[30] EP (17160026.5) 2017-03-09

[21] **3,053,072**
[13] A1
[51] **Int.Cl. E05F 15/60 (2015.01)**
[25] EN
[54] **DOOR OPERATOR**
[54] **ACTIONNEUR DE PORTE**
[72] DREYER, ROGER, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2019-08-08
[86] 2018-03-06 (PCT/EP2018/055390)
[87] (WO2018/162435)
[30] SE (1730059-1) 2017-03-07

[21] **3,053,073**
[13] A1
[51] **Int.Cl. A01N 31/06 (2006.01) A01N 39/02 (2006.01) A01N 39/04 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **LOW VOLATILITY HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES A FAIBLE VOLATILITE**
[72] MOITY, LAURIANNE, FR
[72] ADAMY, MONIQUE, FR
[71] RHODIA OPERATIONS, FR
[85] 2019-08-08
[86] 2018-03-08 (PCT/EP2018/055707)
[87] (WO2018/162618)
[30] EP (17159844.4) 2017-03-08
[30] US (62/468,614) 2017-03-08

[21] **3,053,074**
[13] A1
[51] **Int.Cl. A01N 31/06 (2006.01) A01N 39/02 (2006.01) A01N 39/04 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **LOW VOLATILITY HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES A FAIBLE VOLATILITE**
[72] MOITY, LAURIANNE, FR
[72] ADAMY, MONIQUE, FR
[71] RHODIA OPERATIONS, FR
[85] 2019-08-08
[86] 2018-03-08 (PCT/EP2018/055712)
[87] (WO2018/162621)
[30] EP (17159852.7) 2017-03-08
[30] US (62/468,628) 2017-03-08

[21] **3,053,075**
[13] A1
[51] **Int.Cl. A23L 29/212 (2016.01)**
[25] EN
[54] **REMOISTENING OF THERMALLY INHIBITED STARCH AND/OR FLOUR**
[54] **REHUMIDIFICATION D'AMIDON ET/OU DE FARINE INHIBES THERMIQUEMENT**
[72] LEVECKE, BART, BE
[72] DE VLEESCHOUWER, KRISTEL, BE
[72] HAJI BEGLI, ALIREZA, DE
[72] BRUGGEMAN, GEERT, BE
[72] DAENEN, GEERT, BE
[71] BENEO REMY, BE
[85] 2019-08-08
[86] 2018-03-21 (PCT/EP2018/057130)
[87] (WO2018/172398)
[30] EP (17000468.3) 2017-03-22

[21] **3,053,076**
[13] A1
[51] **Int.Cl. B64C 27/14 (2006.01) B64C 27/16 (2006.01) B64C 27/18 (2006.01) B64C 27/82 (2006.01)**
[25] EN
[54] **ROTOR WING AIRCRAFT WITH PROPULSION APPARATUS ON ROTATING POLE**
[54] **AERONEF A VOILURE TOURNANTE DOTE D'UN APPAREIL DE PROPULSION SUR UN MAT ROTATIF**
[72] VINATI, FELICE, IT
[72] VINATI, GIACOMO, IT
[72] VINATI, MATTEO, IT
[72] VINATI, MARIACHIARA, IT
[72] VINATI, SAMUELE, IT
[71] VINATI S.R.L., IT
[85] 2019-08-08
[86] 2018-08-03 (PCT/EP2018/071196)
[87] (WO2019/063169)
[30] IT (102017000108804) 2017-09-28

[21] **3,053,078**
[13] A1
[51] **Int.Cl. B03D 1/14 (2006.01) B03D 1/24 (2006.01) C22B 1/00 (2006.01)**
[25] EN
[54] **FLOTATION ARRANGEMENT**
[54] **AGENCEMENT DE FLOTTATION**
[72] RINNE, ANTTI, FI
[72] BOURKE, PETER, AU
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-08-08
[86] 2018-02-14 (PCT/FI2018/050107)
[87] (WO2018/150093)
[30] FI (PCT/FI2017/050094) 2017-02-15

[21] **3,053,080**
[13] A1
[51] **Int.Cl. B03D 1/14 (2006.01) B03D 1/24 (2006.01) C22B 1/00 (2006.01)**
[25] EN
[54] **FLOTATION ARRANGEMENT**
[54] **AGENCEMENT DE FLOTTAISON**
[72] RINNE, ANTTI, FI
[72] BOURKE, PETER, AU
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-08-08
[86] 2018-02-14 (PCT/FI2018/050108)
[87] (WO2018/150094)
[30] FI (PCT/FI2017/050094) 2017-02-15

[21] **3,053,084**
[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/08 (2006.01) C12M 1/12 (2006.01) C02F 3/20 (2006.01)**
[25] EN
[54] **WATER TREATMENT**
[54] **TRAITEMENT DE L'EAU**
[72] CANNON, ANDREW, GB
[72] JEAL, WILLIAM, GB
[71] VEOLIA WATER SOUTIONS & TECHNOLOGIES SUPPORT, SAS, FR
[85] 2019-08-08
[86] 2018-02-09 (PCT/GB2018/050372)
[87] (WO2018/146488)
[30] GB (1702272.4) 2017-02-10

[21] **3,053,086**
[13] A1
[51] **Int.Cl. C07K 14/195 (2006.01)**
[25] EN
[54] **MODIFIED NANOPORES, COMPOSITIONS COMPRISING THE SAME, AND USES THEREOF**
[54] **NANOPORES MODIFIES, COMPOSITIONS LES COMPRENANT ET LEURS UTILISATIONS**
[72] JAYASINGHE, LAKMAL, GB
[72] WALLACE, ELIZABETH JAYNE, GB
[72] SINGH, PRATIK RAJ, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
[85] 2019-08-08
[86] 2018-02-12 (PCT/GB2018/050379)
[87] (WO2018/146491)
[30] US (62/457,483) 2017-02-10

[21] **3,053,087**
[13] A1
[51] **Int.Cl. F16M 11/22 (2006.01) G01S 7/40 (2006.01)**
[25] EN
[54] **UNIVERSAL TARGET STAND FOR ADAS STATIC CALIBRATION, METHOD OF USING THE SAME, TARGET PLATE FOR THE SAME AND USE OF A MAT FOR THE SAME**
[54] **SUPPORT DE CIBLE UNIVERSEL POUR ETALONNAGE STATIQUE D'ADAS, SON PROCEDE D'UTILISATION, PLAQUE CIBLE POUR CELUI-CI ET UTILISATION D'UN MAT POUR CELUI-CI**
[72] INNES, JOHN, US
[71] PILKINGTON GROUP LIMITED, GB
[85] 2019-08-08
[86] 2018-02-26 (PCT/GB2018/050491)
[87] (WO2018/154328)
[30] US (62/463,476) 2017-02-24

[21] **3,053,090**
[13] A1
[51] **Int.Cl. G21F 9/00 (2006.01) G21F 9/06 (2006.01) G21F 9/28 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING AMOUNT OF RADIOACTIVITY OF LIQUID**
[54] **PROCEDE DE REDUCTION DE LA QUANTITE DE RADIOACTIVITE D'UN CORPS LIQUIDE**
[72] MIZUNO, MINORU, JP
[71] MIZUNO, MINORU, JP
[85] 2019-08-08
[86] 2018-02-05 (PCT/JP2018/003863)
[87] (WO2018/147238)
[30] JP (2017-022119) 2017-02-09

[21] **3,053,091**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4545 (2006.01) A61K 31/48 (2006.01) A61K 31/5377 (2006.01) A61K 38/00 (2006.01) A61K 45/00 (2006.01) A61P 1/00 (2006.01) A61P 5/00 (2006.01) A61P 43/00 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **COMPOUND HAVING SOMATOSTATIN RECEPTOR AGONISTIC ACTIVITY AND PHARMACEUTICAL USE THEREOF**
[54] **COMPOSE AYANT UNE ACTIVITE AGONISTE DU RECEPTEUR DE LA SOMATOSTATINE ET UTILISATION PHARMACEUTIQUE ASSOCIEE**
[72] ISHIDA, AKIHARU, JP
[72] YOSHIDA, ATSUSHI, JP
[72] MIYATA, HIDENORI, JP
[72] SHONO, TOMOYUKI, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2019-08-08
[86] 2018-02-07 (PCT/JP2018/004111)
[87] (WO2018/147300)
[30] JP (2017-021363) 2017-02-08

[21] **3,053,092**
[13] A1
[51] **Int.Cl. C12P 21/02 (2006.01) A01H 1/00 (2006.01) C12N 9/02 (2006.01) C12N 15/09 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHOD FOR PRODUCING HSL PROTEIN HAVING IMPROVED CATALYTIC ACTIVITY FOR 2-OXOGLUTARIC ACID-DEPENDENTLY OXIDIZING 4-HPPD INHIBITOR**
[54] **PROCEDE DE PRODUCTION D'UNE PROTEINE HSL PRESENTANT UNE ACTIVITE CATALYTIQUE AMELIOREE POUR L'OXYDATION DE MANIERE DEPENDANTE DE L'ACIDE 2-OXOGLUTARIQUE D'UN INHIBITEUR DE LA 4-HPPD**
[72] TOZAWA, YUZURU, JP
[72] TAKEI, SATOMI, JP
[72] OSHIMA, MASAHIRO, JP
[72] HIROSE, SAKIKO, JP
[72] KAWATA, MOTOSHIGE, JP
[72] SEKINO, KEISUKE, JP
[72] YAMAZAKI, AKIHIKO, JP
[71] NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION, JP
[71] SDS BIOTECH K.K., JP
[85] 2019-08-08
[86] 2018-02-09 (PCT/JP2018/004514)
[87] (WO2018/147401)
[30] JP (2017-023294) 2017-02-10

[21] **3,053,093**
[13] A1
[51] **Int.Cl. C01B 32/162 (2017.01) C01B 32/176 (2017.01)**
[25] EN
[54] **CARBON NANOTUBE, CARBON-BASED FINE STRUCTURE, AND SUBSTRATE HAVING CARBON NANOTUBE, AND METHOD RESPECTIVELY FOR PRODUCING THESE PRODUCTS**
[54] **NANOTUBE DE CARBONE, STRUCTURE FINE A BASE DE CARBONE, ET ELEMENT DE BASE AUQUEL DES NANOTUBES DE CARBONE SONT FIXES, ET PROCEDES RESPECTIFS DE PRODUCTION DE CES PRODUITS**
[72] TAKADA, KATSUNORI, JP
[72] SAKAI, TORU, JP
[71] TAIYO NIPPON SANSO CORPORATION, JP
[85] 2019-08-08
[86] 2018-03-01 (PCT/JP2018/007762)
[87] (WO2018/163957)
[30] JP (2017-045079) 2017-03-09
[30] JP (2017-087057) 2017-04-26

[21] **3,053,094**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01)**
[25] EN
[54] **WALL-MATERIAL MOUNTING MEMBER AND WALL STRUCTURE**
[54] **DISPOSITIF DE FIXATION DE MATERIAU DE PAROI ET STRUCTURE DE PAROI**
[72] SAWADA, YOUHEI, JP
[71] NICHIHA CORPORATION, JP
[85] 2019-08-08
[86] 2018-03-07 (PCT/JP2018/008767)
[87] (WO2018/164183)
[30] JP (2017-044666) 2017-03-09

[21] **3,053,096**
[13] A1
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01) C07K 14/46 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHODS FOR PREVENTING RADIATION INJURY AND PROMOTING TISSUE REGENERATION**
[54] **COMPOSITION ET METHODES POUR PREVENIR UNE RADIOLESION ET FAVORISER LA REGENERATION TISSULAIRE**
[72] GHATNEKAR, GAUTAM, US
[71] FIRSTSTRING RESEARCH, INC., US
[85] 2019-08-08
[86] 2018-02-16 (PCT/US2018/000035)
[87] (WO2018/151823)
[30] US (62/459,924) 2017-02-16

[21] **3,053,098**
[13] A1
[51] **Int.Cl. B65G 53/34 (2006.01) B65F 5/00 (2006.01) B65G 53/24 (2006.01) B01D 46/00 (2006.01) B65G 53/60 (2006.01)**
[25] EN
[54] **AIR FILTRATION**
[54] **FILTRATION D'AIR**
[72] HIDALGO CASTADO, JUAN JOSE, ES
[72] NORLENIUS, TOMAS, SE
[71] ENVAC AB, SE
[85] 2019-08-08
[86] 2018-01-16 (PCT/SE2018/050034)
[87] (WO2018/147777)
[30] SE (1750120-6) 2017-02-08

[21] **3,053,100**
[13] A1
[51] **Int.Cl. H04N 7/18 (2006.01) G06T 19/00 (2011.01) G05D 1/00 (2006.01) G05D 1/02 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **DISPLAY SYSTEM, DISPLAY METHOD, AND REMOTE OPERATION SYTEM**
[54] **SYSTEME D'AFFICHAGE, PROCEDE D'AFFICHAGE ET SYSTEME DE COMMANDE A DISTANCE**
[72] KONDO, DAISUKE, JP
[72] TANIMOTO, TAKANOBU, JP
[72] NANRI, YU, JP
[72] YOSHINADA, HIROSHI, JP
[71] KOMATSU LTD., JP
[71] OSAKA UNIVERSITY, JP
[85] 2019-08-08
[86] 2017-12-28 (PCT/JP2017/047205)
[87] (WO2018/168163)
[30] JP (2017-047904) 2017-03-13

[21] **3,053,101**
[13] A1
[51] **Int.Cl. F21V 23/00 (2015.01) F21V 29/70 (2015.01) F21K 9/20 (2016.01) F21S 4/28 (2016.01) H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **NETWORKED LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A RESEAU DE DEL**
[72] MAY, MICHAEL W., US
[71] MAY, MICHAEL W., US
[85] 2019-08-08
[86] 2017-02-09 (PCT/US2017/017189)
[87] (WO2017/139467)
[30] US (62/293,274) 2016-02-09
[30] US (15/244,726) 2016-08-23
[30] US (15/244,758) 2016-08-23
[30] US (15/244,796) 2016-08-23
[30] US (15/244,826) 2016-08-23
[30] US (15/244,854) 2016-08-23
[30] US (15/244,883) 2016-08-23
[30] US (15/334,169) 2016-10-25
[30] US (15/334,150) 2016-10-25

[21] **3,053,102**
[13] A1
[51] **Int.Cl. C23C 28/00 (2006.01) B32B 15/04 (2006.01)**
[25] EN
[54] **AL-BASED PLATED STEEL SHEET**
[54] **TOLE D'ACIER PLAQUEE A BASE DE AL**
[72] YAMAGUCHI, SHINICHI, JP
[72] YAMANAKA, SHINTARO, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2019-08-08
[86] 2018-03-23 (PCT/JP2018/011701)
[87] (WO2018/180986)
[30] JP (2017-061796) 2017-03-27

[21] **3,053,103**
[13] A1
[51] **Int.Cl. C25D 1/16 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **ELECTRONIC LABEL-FREE DNA AND GENOME SEQUENCING**
[54] **SEQUENCAGE DE L'ADN ET DU GENOME SANS MARQUEUR ELECTRONIQUE**
[72] CHOI, CHULMIN, US
[72] JIN, SUNGHO, US
[72] MOLA, PAUL W., US
[72] MERRIMAN, BARRY L., US
[71] ROSWELL BIOTECHNOLOGIES, INC., US
[85] 2019-08-08
[86] 2017-02-09 (PCT/US2017/017231)
[87] (WO2017/139493)
[30] US (62/293,239) 2016-02-09

[21] **3,053,104**
[13] A1
[51] **Int.Cl. D06F 39/02 (2006.01) D06F 39/08 (2006.01)**
[25] EN
[54] **WASHING MACHINE**
[54] **DISPOSITIF DE LAVAGE**
[72] KO, GI HOON, KR
[72] GWAK, YOUN YOUNG, KR
[72] YOO, HAN NA, KR
[72] LEE, KANG KYUNG, KR
[72] JANG, SEOK GEUN, KR
[71] SAMSUNGS ELECTRONIC CO., LTD., KR
[85] 2019-08-08
[86] 2017-12-15 (PCT/KR2017/014805)
[87] (WO2018/151402)
[30] KR (10-2017-0022076) 2017-02-20

[21] **3,053,105**
[13] A1
[51] **Int.Cl. B01D 11/00 (2006.01) B01D 11/02 (2006.01) B01D 11/04 (2006.01) B01J 3/03 (2006.01) B01L 1/00 (2006.01) B01L 3/00 (2006.01) G01N 1/02 (2006.01)**
[25] EN
[54] **EXTRACTOR FOR HIGH PRESSURE EXTRACTION OF A MATRIX**
[54] **EXTRACTEUR POUR EXTRACTION A HAUTE PRESSION D'UNE MATRICE**
[72] JACKSON, GREGORY A., US
[71] KIINJA CORPORATION, US
[85] 2019-08-08
[86] 2017-03-17 (PCT/US2017/022995)
[87] (WO2017/176439)
[30] US (62/319,214) 2016-04-06
[30] US (15/460,113) 2017-03-15

[21] **3,053,106**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) B62B 3/14 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SHOPPING IN A PHYSICAL STORE**
[54] **SYSTEME ET PROCEDES PERMETTANT D'EFFECTUER DES ACHATS DANS UN MAGASIN PHYSIQUE**
[72] CHOMLEY, WILLIAM, NZ
[72] SZOLDAN, PETER, HU
[71] IMAGR LIMITED, NZ
[85] 2019-08-08
[86] 2017-02-16 (PCT/NZ2017/050015)
[87] (WO2017/146595)
[30] AU (2016900710) 2016-02-26

[21] **3,053,107**
[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/40 (2006.01) C09K 8/66 (2006.01) C09K 8/80 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHODS AND TREATMENT FLUIDS FOR MICROFRACTURE CREATION AND MICROPROPPANT DELIVERY IN SUBTERRANEAN FORMATIONS**
[54] **PROCEDES ET FLUIDES DE TRAITEMENT POUR LA CREATION DE MICRO-FRACTURES ET LA PENETRATION DE MICRO-AGENTS DE SOUTENEMENT DANS DES FORMATIONS SOUTERRAINES**
[72] XU, LIANG XIN, US
[72] HE, KAI, US
[72] LORD, PAUL DAVID, US
[72] NGUYEN, PHILIP, US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2019-08-08
[86] 2017-04-04 (PCT/US2017/025978)
[87] (WO2018/186840)

[21] **3,053,108**
[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/453 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **RAPAMYCIN ANALOG**
[54] **ANALOGUE DE RAPAMYCINE**
[72] POWERS, TIMOTHY S., US
[72] COX, BRYAN F., US
[72] MARSHAK, RICHARD B., US
[71] MOUNT TAM THERAPEUTICS, INC., US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017570)
[87] (WO2018/148508)
[30] US (62/457,676) 2017-02-10

[21] **3,053,109**
[13] A1
[51] **Int.Cl. A61B 5/15 (2006.01) A61M 5/00 (2006.01) A61M 5/178 (2006.01) A61M 5/20 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AID FOR SUBCUTANEOUS TISSUE INJECTION AND PROCESS OF EFFECTING THE INJECTION WITH THE AID**
[54] **DISPOSITIF D'ASSISTANCE POUR INJECTION DANS DES TISSUS SOUS-CUTANES ET PROCEDE POUR REALISER L'INJECTION AU MOYEN DU DISPOSITIF D'ASSISTANCE**
[72] MICHELS, SHAWN, US
[71] MICHELS, SHAWN, US
[85] 2019-08-08
[86] 2017-01-31 (PCT/US2017/015701)
[87] (WO2017/139119)
[30] US (62/294,924) 2016-02-12
[30] US (62/294,938) 2016-02-12
[30] US (15/261,955) 2016-09-11

[21] **3,053,110**
[13] A1
[51] **Int.Cl. G01N 33/558 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **LATERAL FLOW ASSAY WITH SUBSTRATE HAVING CHANNELS FOR CONTROLLED FLUID FLOW**
[54] **DOSAGE A ECOULEMENT LATERAL UTILISANT UN SUBSTRAT COMPORTANT DES CANAUX POUR REGULER UN ECOULEMENT DE FLUIDE**
[72] CHANG, SAMANTHA, US
[72] MCCLURE, JASON, US
[72] REED, ROBERT, US
[72] BLANDY, IRENE SINN, US
[72] WEILLER, ROBERT, US
[72] BOBRITCHI, CHRISTIAN, US
[71] QUIDEL CORPORATION, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017584)
[87] (WO2018/148517)
[30] US (62/457,660) 2017-02-10
[30] US (62/472,182) 2017-03-16
[30] US (62/598,947) 2017-12-14

[21] **3,053,112**
[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 20/14 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND REPORTING ANOMALIES IN UTILITY METERS**
[54] **SYSTEMES ET PROCEDES DE DETECTION ET DE NOTIFICATION D'ANOMALIES DANS DES COMPTEURS DE SERVICES PUBLICS**
[72] BOYLE, CHRISTINE E., US
[72] JUTRAS, RENEE, US
[72] ALAM, M., SOHAIB, US
[72] WEGMAN, DAVID R., US
[71] VALOR WATER ANALYTICS, INC., US
[85] 2019-08-07
[86] 2018-03-26 (PCT/US2018/024240)
[87] (WO2018/183140)
[30] US (62/478,831) 2017-03-30

[21] **3,053,113**
[13] A1
[51] **Int.Cl. A61B 17/80 (2006.01)**
[25] EN
[54] **PECTUS BAR AND STABILIZER DEVICES AND METHODS**
[54] **BARRE DE PECTUS ET DISPOSITIFS ET PROCEDES STABILISATEURS**
[72] GARCIA, SADDY, US
[72] GARFIELD, JAYDEN, US
[71] ZIMMER BIOMET CMF AND THORACIC, LLC, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017663)
[87] (WO2018/148572)
[30] US (62/457,532) 2017-02-10
[30] US (62/483,494) 2017-04-10

[21] **3,053,114**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) B01L 3/00 (2006.01) G01N 21/84 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **ASSAY USING DIFFERENT SPACING HEIGHTS**
[54] **DOSAGE UTILISANT DIFFERENTES HAUTEURS D'ESPACEMENT**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017713)
[87] (WO2018/148607)
[30] US (62/457,133) 2017-02-09
[30] US (62/539,718) 2017-08-01
[30] US (62/577,370) 2017-10-26

[21] **3,053,116**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS FOR THE DETECTION AND TREATMENT OF LUNG CANCER**
[54] **METHODES POUR LA DETECTION ET LE TRAITEMENT DU CANCER DU POUMON**
[72] HANASH, SAMIR, US
[72] TAGUCHI, AYUMU, US
[72] FENG, ZIDING, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017704)
[87] (WO2018/148600)
[30] US (62/456,731) 2017-02-09

[21] **3,053,119**
[13] A1
[51] **Int.Cl. C08F 210/16 (2006.01) C08F 4/659 (2006.01)**
[25] EN
[54] **BIMODAL POLYETHYLENE RESINS**
[54] **RESINES DE POLYETHYLENE BIMODAL**
[72] MARTIN, PETER S., US
[72] SZUL, JOHN F., US
[72] KUHLMAN, ROGER L., US
[72] MCDOUGAL, MAHSA, US
[72] HARLAN, C. JEFF, US
[72] BOLLER, TIMOTHY M., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2019-08-08
[86] 2018-01-12 (PCT/US2018/013486)
[87] (WO2018/147968)
[30] US (62/458,077) 2017-02-13

[21] **3,053,120**
[13] A1
[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/01 (2006.01) G01N 21/17 (2006.01) G01N 21/47 (2006.01) G02B 5/02 (2006.01)**
[25] EN
[54] **COLORIMETRIC ASSAYS**
[54] **DOSAGES COLORIMETRIQUES**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017716)
[87] (WO2018/148609)
[30] US (62/457,133) 2017-02-09
[30] US (62/457,103) 2017-02-09
[30] US (62/459,577) 2017-02-15
[30] US (62/460,088) 2017-02-16
[30] US (62/460,757) 2017-02-18
[30] US (62/577,513) 2017-10-26

[21] **3,053,121**
[13] A1
[51] **Int.Cl. E04C 5/16 (2006.01)**
[25] EN
[54] **ADJUSTABLE REBAR POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE BARRE D'ARMATURE REGLABLE**
[72] RUSH, MICHAEL G., US
[71] RUSH, MICHAEL G., US
[85] 2019-08-08
[86] 2018-01-16 (PCT/US2018/013763)
[87] (WO2018/147975)
[30] US (15/427,532) 2017-02-08
[30] US (15/871,612) 2018-01-15

[21] **3,053,122**
[13] A1
[51] **Int.Cl. A61L 27/00 (2006.01) A61L 15/00 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **INTRASITE ADMINISTRATION AND DOSING METHODS AND PHARMACEUTICALS FOR USE THEREIN**
[54] **PROCEDES D'ADMINISTRATION ET DE DOSAGE INTRASITE ET PRODUITS PHARMACEUTIQUES DESTINES A Y ETRE UTILISES**
[72] HOLEKAMP, TERRENCE FLETCHER, US
[72] KELLY, MICHAEL PATRICK, US
[72] LENKE, LAWRENCE GERARD, US
[71] HKL MEDICAL, LLC, US
[85] 2019-08-08
[86] 2018-02-08 (PCT/US2018/017486)
[87] (WO2018/148455)
[30] US (62/456,639) 2017-02-08
[30] US (62/456,642) 2017-02-08

[21] **3,053,125**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) B01L 3/00 (2006.01) G01N 33/543 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **QMAX ASSAY AND APPLICATIONS (II)**
[54] **DOSAGE ET APPLICATIONS QMAX (II)**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORPORATION, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017712)
[87] (WO2018/148606)
[30] US (62/457,103) 2017-02-09
[30] US (62/457,031) 2017-02-09
[30] US (62/457,133) 2017-02-09
[30] US (62/459,602) 2017-02-15
[30] US (62/459,160) 2017-02-15
[30] US (62/460,069) 2017-02-16

[21] **3,053,126**
[13] A1
[51] **Int.Cl. C01B 3/00 (2006.01) H02S 10/40 (2014.01)**
[25] EN
[54] **MAGNETOHYDRODYNAMIC ELECTRIC POWER GENERATOR**
[54] **GENERATEUR D'ENERGIE ELECTRIQUE MAGNETOHYDRODYNAMIQUE**
[72] MILLS, RANDELL L., US
[71] BRILLIANT LIGHT POWER, INC., US
[85] 2019-08-08
[86] 2018-02-12 (PCT/US2018/017765)
[87] (WO2018/203953)
[30] US (62/457,935) 2017-02-12
[30] US (62/461,768) 2017-02-21
[30] US (62/463,684) 2017-02-26
[30] US (62/481,571) 2017-04-04
[30] US (62/513,284) 2017-05-31
[30] US (62/513,324) 2017-05-31
[30] US (62/524,307) 2017-06-23
[30] US (62/532,986) 2017-07-14
[30] US (62/537,353) 2017-07-26
[30] US (62/545,463) 2017-08-14
[30] US (62/556,941) 2017-09-11
[30] US (62/573,453) 2017-10-17
[30] US (62/584,632) 2017-11-10
[30] US (62/594,511) 2017-12-04
[30] US (62/612,304) 2017-12-29
[30] US (62/618,444) 2018-01-17

[21] **3,053,129**
[13] A1
[51] **Int.Cl. A61K 35/28 (2015.01) C12N 5/078 (2010.01) C12N 5/0789 (2010.01) A61K 48/00 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **METHODS OF TREATING HIV INFECTION WITH ALLOGENEIC CCR5 NULL UMBILICAL CORD BLOOD CELLS**
[54] **PROCEDES DE TRAITEMENT D'UNE INFECTION PAR LE VIH AVEC DES CELLULES DE SANG DE CORDON OMBILICAL DEPOURVUES DE CCR5 ALLOGENIQUES**
[72] LAUGHLIN, MARY, US
[71] ABRAHAM J AND PHYLLIS KATZ CORD BLOOD FOUNDATION, US
[85] 2019-08-08
[86] 2018-02-12 (PCT/US2018/017775)
[87] (WO2018/148635)
[30] US (62/457,392) 2017-02-10

[21] **3,053,132**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) B01L 3/00 (2006.01) G01N 21/65 (2006.01) G01N 33/58 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **ASSAY WITH AMPLIFICATION**
[54] **DOSAGE AVEC AMPLIFICATION**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[72] LI, JI, US
[72] QI, JI, US
[72] ZHANG, YUFAN, US
[71] ESSENLIX CORP., US
[85] 2019-08-08
[86] 2018-02-08 (PCT/US2018/017492)
[87] (WO2018/148461)
[30] US (62/457,084) 2017-02-09
[30] US (62/456,904) 2017-02-09
[30] US (62/457,075) 2017-02-09
[30] US (62/459,303) 2017-02-15
[30] US (62/459,267) 2017-02-15
[30] US (62/460,052) 2017-02-16
[30] US (62/460,083) 2017-02-16

[21] **3,053,133**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/6886 (2018.01) C40B 40/02 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01) A61K 39/00 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **HLA-BASED METHODS AND COMPOSITIONS AND USES THEREOF**
[54] **METHODES ET COMPOSITIONS REPOSANT SUR LE HLA ET LEURS UTILISATIONS**
[72] ABELIN, JENNIFER GRACE, US
[72] OSLUND, ROB CARL, US
[72] HACOHEN, NIR, US
[72] BARTHELME, DOMINIK, US
[72] ROONEY, MICHAEL, US
[71] NEON THERAPEUTICS, INC., US
[85] 2019-08-08
[86] 2018-02-12 (PCT/US2018/017849)
[87] (WO2018/148671)
[30] US (62/457,978) 2017-02-12
[30] US (62/461,162) 2017-02-20

[21] **3,053,134**
[13] A1
[51] **Int.Cl. A63G 9/02 (2006.01)**
[25] EN
[54] **MULTI-USER SWING SET**
[54] **ENSEMBLE SIEGE OSCILLANT MULTI-UTILISATEURS**
[72] KELLER, THOMAS, US
[72] JONES, BRYANT, US
[71] LANDSCAPE STRUCTURES INC., US
[85] 2019-08-08
[86] 2018-01-18 (PCT/US2018/014185)
[87] (WO2018/147985)
[30] US (62/456,915) 2017-02-09
[30] US (62/483,649) 2017-04-10

[21] **3,053,136**
[13] A1
[51] **Int.Cl. B01D 3/02 (2006.01) B01D 1/00 (2006.01) B01D 3/00 (2006.01) B01D 3/08 (2006.01) B01D 3/10 (2006.01) B01D 5/00 (2006.01)**
[25] EN
[54] **LARGE SCALE STANDALONE CHILLERS, ALL-IN-ONE ROTARY EVAPORATORS AND RELATED METHODS**
[54] **REFROIDISSEURS AUTONOMES A GRANDE ECHELLE, EVAPORATEURS TOUT-EN-UN ET PROCEDES ASSOCIES**
[72] ADJABENG, GEORGE, US
[71] ECODYST, INC., US
[85] 2019-08-07
[86] 2018-04-03 (PCT/US2018/025812)
[87] (WO2018/187276)
[30] US (62/480,657) 2017-04-03

[21] **3,053,140**
[13] A1
[51] **Int.Cl. B60Q 1/24 (2006.01) B62D 25/04 (2006.01)**
[25] EN
[54] **MODULAR LIGHT AND ACCESSORY BAR FOR VEHICLES**
[54] **BARRE MODULAIRE DE LUMIERE ET D'ACCESSOIRE POUR VEHICULES**
[72] VAN BURREN, CHRISTOPHER D., US
[72] BENNETT, PATRICT W., US
[72] RUSSELL, ERIC, US
[71] OMIX-ADA, INC., US
[85] 2019-08-08
[86] 2018-02-13 (PCT/US2018/017891)
[87] (WO2018/148698)
[30] US (62/458,280) 2017-02-13
[30] US (15/453,753) 2017-03-08

[21] **3,053,141**
[13] A1
[51] **Int.Cl. A61L 15/00 (2006.01) A61L 15/16 (2006.01) A61L 15/20 (2006.01) A61L 15/40 (2006.01) A61L 15/42 (2006.01) A61L 15/44 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL GASOTRANSMITTER GENERATING COMPOSITIONS AND METHODS OF USING SAME AND DRESSINGS AND TREATMENT SYSTEMS INCORPORATING SAME**
[54] **COMPOSITIONS GENERATRICES DE GAZOTRANSMETTEURS ELECTROCHIMIQUES ET LEURS PROCEDES D'UTILISATION ET PANSEMENTS ET SYSTEMES DE TRAITEMENT INCORPORANT CELLES-CI**
[72] WILLEY, ALAN, US
[72] SAMUEL, STEVAN, US
[71] NOXSANO INC., US
[85] 2019-08-08
[86] 2018-01-18 (PCT/US2018/014265)
[87] (WO2018/147986)
[30] US (62/457,039) 2017-02-09

[21] **3,053,142**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/16 (2006.01) C12N 15/02 (2006.01)**
[25] EN
[54] **MYOMERGER POLYPEPTIDE, NUCLEIC ACID MOLECULES, CELLS, AND RELATED METHODS**
[54] **POLYPEPTIDE DE MYOFUSION, MOLECULES D'ACIDE NUCLEIQUE, CELLULES ET PROCEDES ASSOCIES**
[72] MILLAY, DOUGLAS, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2019-08-08
[86] 2018-02-13 (PCT/US2018/017991)
[87] (WO2018/152103)
[30] US (62/458,634) 2017-02-14

[21] **3,053,146**
[13] A1
[51] **Int.Cl. A61K 35/407 (2015.01) C07K 14/47 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING CO-CULTURE OF HEPATOCYTES**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT LA CO-CULTURE D'HEPATOCYTES**
[72] ROACH, MARSHA LYNN, US
[72] MALAVARCA, RICHARD HAROLD, US
[72] BARFIELD, SHILOH JESSE, US
[71] PHOENIXSONGS BIOLOGICALS, INC., US
[85] 2019-08-08
[86] 2018-01-24 (PCT/US2018/015088)
[87] (WO2018/144284)
[30] US (62/453,020) 2017-02-01

[21] **3,053,147**
[13] A1
[51] **Int.Cl. A61K 38/02 (2006.01) A61K 47/69 (2017.01) A61K 47/02 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **SOL-GEL/HYDROGEL THERAPEUTIC DELIVERY SYSTEM AND METHODS THEREOF**
[54] **SYSTEME D'ADMINISTRATION THERAPEUTIQUE IMPLANTABLE ET SES PROCEDES**
[72] FRIEDMAN, JOEL, US
[72] DRAGANSKI, ANDREW, US
[72] FRIEDMAN, ADAM, US
[72] NAVATI, MAHANTESH, US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017524)
[87] (WO2018/148475)
[30] US (62/457,405) 2017-02-10

[21] **3,053,150**
[13] A1
[51] **Int.Cl. C07K 16/02 (2006.01) C12N 5/07 (2010.01) A61K 35/57 (2015.01) A61P 1/12 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01) C07K 16/20 (2006.01) A01K 33/00 (2006.01)**
[25] EN
[54] **HYPERIMMUNIZED EGG PRODUCT FOR TREATMENT OF NECROTIC ENTERITIS IN POULTRY**
[54] **PRODUIT A BASE D'□UF HYPERIMMUNISE POUR LE TRAITEMENT DE L'ENTERITE NECROTIQUE DE LA VOLAILLE**
[72] LILLEHOJ, HYUN S., US
[72] PORTA, EARNEST W., US
[72] WALKER, SAMUEL V., US
[72] CONFER, LESLIE A., US
[72] GADDE, UJCALA DEEPTHI, US
[72] GAY, CYRIL, US
[71] ARKION LIFE SCIENCES, LLC, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2019-08-08
[86] 2018-02-13 (PCT/US2018/018015)
[87] (WO2018/148734)
[30] US (62/458,180) 2017-02-13
[30] US (62/568,932) 2017-10-06

[21] **3,053,152**
[13] A1
[51] **Int.Cl. A61D 1/02 (2006.01) A61D 7/00 (2006.01) A61J 1/06 (2006.01)**
[25] EN
[54] **LIQUID APPLICATOR FOR DELIVERING VACCINES**
[54] **APPLICATEUR DE LIQUIDE POUR ADMINISTRER DES VACCINS**
[72] DE MALIBRAN-SANTIBANEZ, AURELIE, US
[72] PRADO-MASIAS, ALONSO, US
[72] DAVID, FREDERIC, US
[71] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[85] 2019-08-08
[86] 2018-02-13 (PCT/US2018/018056)
[87] (WO2018/148751)
[30] US (62/458,428) 2017-02-13

[21] **3,053,153**
[13] A1
[51] **Int.Cl. E04F 17/08 (2006.01) E04B 5/48 (2006.01) E04F 19/08 (2006.01) E04G 15/06 (2006.01) F16L 3/00 (2006.01) F16L 5/00 (2006.01) H02G 3/38 (2006.01)**
[25] EN
[54] **BRACKET FOR POSITIONING AND PROTECTING PIPES IN CONCRETE**
[54] **SUPPORT DE POSITIONNEMENT ET DE PROTECTION DE TUYAUX DANS DU BETON**
[72] O'NEIL, VIRGIL, US
[72] BROWN, LARRY D., US
[71] RELIANCE WORLDWIDE CORPORATION, US
[85] 2019-08-08
[86] 2018-02-14 (PCT/US2018/018213)
[87] (WO2018/152227)
[30] US (62/458,924) 2017-02-14
[30] US (15/895,958) 2018-02-13

[21] **3,053,154**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 27/00 (2006.01) A61P 27/02 (2006.01) C07K 14/075 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ADENO-ASSOCIATED VIRUS VIRIONS WITH VARIANT CAPSIDS AND METHODS OF USE THEREOF**
[54] **VIRIONS DE VIRUS ADENO-ASSOCIE A VARIANTS DE CAPSIDES ET METHODES D'UTILISATION ASSOCIEES**
[72] SCHAFFER, DAVID V., US
[72] BYRNE, LEAH C., US
[72] DAY, TIMOTHY P., US
[72] FLANNERY, JOHN G., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2019-08-07
[86] 2018-06-28 (PCT/US2018/040115)
[87] (WO2019/006182)
[30] US (62/527,871) 2017-06-30
[30] US (62/535,042) 2017-07-20

[21] **3,053,155**
[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) A01K 67/027 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-FACTOR D ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-FACTEUR D ET UTILISATIONS DE CES DERNIERS**
[72] SONG, WENCHAO, US
[72] ZHOU, LIN, US
[72] SATO, SAYAKA, US
[72] MIWA, TAKASHI, US
[72] GULLIPALLI, DAMODAR, US
[72] GOLLA, MADHU, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017537)
[87] (WO2018/148486)
[30] US (62/457,477) 2017-02-10

[21] **3,053,157**
[13] A1
[51] **Int.Cl. G01R 33/56 (2006.01) G01R 33/485 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **DENOISING OF DYNAMIC MAGNETIC RESONANCE SPECTROSCOPIC IMAGING USING LOW RANK APPROXIMATIONS IN THE KINETIC DOMAIN**
[54] **DEBRUITAGE D'IMAGERIE SPECTROSCOPIQUE A RESONANCE MAGNETIQUE DYNAMIQUE A L'AIDE D'APPROXIMATIONS DE RANG BAS DANS LE DOMAINE CINETIQUE**
[72] BRENDER, JEFFREY R., US
[72] MITCHELL, JAMES B., US
[72] YAMAMOTO, KAZUTOSHI, US
[72] KISHIMOTO, SHUN, US
[72] MUNASINGHE, JEEVA P., US
[72] MERKLE, HELLMUT, US
[72] CHERUKURI, MURALI K., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2019-08-08
[86] 2018-02-14 (PCT/US2018/018217)
[87] (WO2018/152231)
[30] US (62/459,008) 2017-02-14

[21] **3,053,158**
[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 47/14 (2017.01) A61K 47/26 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **FORMULATIONS**
[54] **PREPARATIONS**
[72] FARACI, WILLIAM STEPHEN, US
[72] ZALE, STEPHEN, US
[72] PARASKAR, ABHIMANYU, US
[72] YUCEL, TUNA, US
[72] BOYLAN, NICHOLAS J., US
[71] MOLECULAR INFUSIONS, LLC, US
[85] 2019-08-08
[86] 2018-02-15 (PCT/US2018/018382)
[87] (WO2018/152334)
[30] US (62/459,086) 2017-02-15
[30] US (62/546,149) 2017-08-16

[21] **3,053,159**
[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **PATENT-FACING MOBILE TECHNOLOGY TO ASSIST PHYSICIAN ACHIEVE QUALITY MEASURES FOR VALUE-BASED PAYMENT**
[54] **TECHNOLOGIE MOBILE BREVETEE POUR AIDER UN MEDECIN A ATTEINDRE DES MESURES DE QUALITE POUR UN PAIEMENT BASE SUR LA VALEUR**
[72] EXPERTON, BETTINA, US
[72] BURROW, CHRISTOPHER RANDOLPH, US
[71] HUMETRIX.COM, INC., US
[85] 2019-08-08
[86] 2018-02-15 (PCT/US2018/018428)
[87] (WO2018/152366)
[30] US (62/459,595) 2017-02-15
[30] US (62/597,932) 2017-12-12

[21] **3,053,161**
[13] A1
[51] **Int.Cl. A61M 5/34 (2006.01)**
[25] EN
[54] **PEN NEEDLE HUB INJECTION DEPTH OPTIMIZATION**
[54] **OPTIMISATION DE PROFONDEUR D'INJECTION D'EMBASE D'AIGUILLE DE STYLO INJECTEUR**
[72] RINI, CHRISTOPHER, US
[72] KLUG, RICHARD, US
[72] ROBERTS, BRUCE, US
[72] MOREL, DIDIER, US
[72] PETTIS, RONALD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-08-08
[86] 2018-02-16 (PCT/US2018/018490)
[87] (WO2018/156430)
[30] US (62/459,727) 2017-02-16

[21] **3,053,162**
[13] A1
[51] **Int.Cl. B01J 20/18 (2006.01) B01D 53/02 (2006.01) B01D 53/46 (2006.01) B01D 53/62 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **TUNABLE ADSORBENTS**
[54] **ADSORBANTS ACCORDABLES**
[72] PONTONIO, STEVEN J., US
[72] STEPHENSON, NEIL A., US
[72] BARRETT, PHILIP A., US
[72] STUCKERT, NICHOLAS R., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2019-08-08
[86] 2018-01-25 (PCT/US2018/015220)
[87] (WO2018/148022)
[30] US (15/431,164) 2017-02-13

[21] **3,053,163**
[13] A1
[51] **Int.Cl. A23C 9/20 (2006.01) A23L 33/12 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MIXING POLYUNSATURATED FATTY ACIDS INTO A FLUID FOOD PRODUCT**
[54] **SYSTEME ET PROCEDE DE MELANGE D'ACIDES GRAS POLYINSATURES DANS UN PRODUIT ALIMENTAIRE FLUIDE**
[72] CLARKE, ELLE ANN, US
[72] CHAPMAN, DENNIS KEITH, US
[72] JERGER, GARY THOMAS, US
[71] WHITEWAVE SERVICES, INC., US
[85] 2019-08-08
[86] 2018-02-21 (PCT/US2018/018889)
[87] (WO2018/156541)
[30] US (15/438,387) 2017-02-21
[30] US (15/438,410) 2017-02-21

[21] **3,053,164**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-ILT3 ANTIBODIES AND ANTIBODY DRUG CONJUGATES**
[54] **ANTICORPS ANTI-ILT3 ET CONJUGUES ANTICORPS-MEDICAMENT**
[72] DARCE, JAIME, US
[72] LONNING, SCOTT MICHAEL, US
[72] PEDERSON, NELS ERIC, US
[72] RIKOVA, KLARISA, US
[72] TKACHEV, ALEKSANDR, US
[71] BLUEFIN BIOMEDICINE, INC., US
[85] 2019-08-08
[86] 2018-02-09 (PCT/US2018/017546)
[87] (WO2018/148494)
[30] US (62/457,021) 2017-02-09

[21] **3,053,165**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01) H04Q 1/02 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **PRE-MOUNTED FIBER OPTIC DISTRIBUTION CABINET ASSEMBLY**
[54] **ENSEMBLE ARMOIRE DE DISTRIBUTION A FIBRES OPTIQUES PRE-MONTE**
[72] BURKETT, ALAN DUNCAN, US
[72] HERRIDGE, JOSEPH RONALD, US
[72] LANDRUM, TRAMPUS LEE, US
[72] VILLANUEVA TAVARES, FABIOLA PATRICIA, MX
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2019-08-08
[86] 2018-02-06 (PCT/US2018/017072)
[87] (WO2018/148205)
[30] US (15/428,561) 2017-02-09

[21] **3,053,166**
[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01) B01F 3/00 (2006.01) B01F 13/00 (2006.01) C02F 3/02 (2006.01) F15D 1/00 (2006.01)**
[25] EN
[54] **FLUID FLOW CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE D'UN ECOULEMENT FLUIDIQUE**
[72] NIELSEN, IAN BRADLEY, AU
[71] AIRRAT PTY LTD, AU
[85] 2019-08-08
[86] 2018-02-09 (PCT/AU2018/050101)
[87] (WO2018/145164)
[30] AU (2017900456) 2017-02-13

[21] **3,053,167**
[13] A1
[51] **Int.Cl. G01N 29/22 (2006.01)**
[25] EN
[54] **COUPLING FOR ULTRASONIC INSPECTION OF PIPES**
[54] **COUPLAGE POUR INSPECTION ULTRASONORE DE TUYAUX**
[72] PFORTJE, RENE, DE
[72] HOEMSKE, BENJAMIN, DE
[72] FISENI, ALEXANDER FELIX, DE
[72] FALTER, STEPHAN, DE
[72] BREIDENBACH, CHRISTOF, DE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-08-08
[86] 2018-02-08 (PCT/US2018/017415)
[87] (WO2018/148403)
[30] US (62/457,348) 2017-02-10

[21] **3,053,168**
[13] A1
[51] **Int.Cl. C07C 37/70 (2006.01) C07D 311/92 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR LOW-PRESSURE RADIANT ENERGY PROCESSING OF CANNABIS**
[54] **PROCEDES ET APPAREIL DE TRAITEMENT DE CANNABIS PAR ENERGIE RAYONNANTE A BASSE PRESSION**
[72] EADES, CALEB JOSHUA, CA
[71] TILRAY, INC., US
[85] 2019-08-08
[86] 2018-02-08 (PCT/US2018/017451)
[87] (WO2018/148430)
[30] US (62/456,480) 2017-02-08

[21] **3,053,169**
[13] A1
[51] **Int.Cl. E04G 17/00 (2006.01) E04B 1/38 (2006.01) E04B 2/84 (2006.01) E04G 11/00 (2006.01)**
[25] EN
[54] **FORMWORK SYSTEM**
[54] **SYSTEME DE COFFRAGE**
[72] DARWELL, STEPHEN W, AU
[71] CSR BUILDING PRODUCTS LIMITED, AU
[85] 2019-08-08
[86] 2018-03-06 (PCT/AU2018/050203)
[87] (WO2018/161115)
[30] AU (2017900766) 2017-03-06

[21] **3,053,170**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INJECTING SLURRY USING CONCENTRATED SLURRY PRESSURIZATION**
[54] **PROCEDE ET SYSTEME D'INJECTION DE BOUE A L'AIDE D'UNE MISE SOUS PRESSION DE BOUE CONCENTREE**
[72] OKLEJAS, ELI, JR., US
[72] OKLEJAS, ROBERT A., US
[72] KITZMILLER, RYAN, US
[71] VECTOR TECHNOLOGIES, LLC, US
[85] 2019-08-08
[86] 2018-02-08 (PCT/US2018/017455)
[87] (WO2018/148433)
[30] US (62/457,447) 2017-02-10
[30] US (15/888,133) 2018-02-05
[30] US (15/888,140) 2018-02-05
[30] US (15/888,154) 2018-02-05

[21] **3,053,171**
[13] A1
[51] **Int.Cl. G01J 3/45 (2006.01) G01B 9/02 (2006.01)**
[25] EN
[54] **IMAGE BASED HANDHELD IMAGER SYSTEM AND METHODS OF USE**
[54] **SYSTEME D'IMAGEUR PORTATIF BASE SUR UNE IMAGE ET PROCEDES D'UTILISATION**
[72] ZHANG, ANQI, US
[72] KANG, WEI, US
[72] NOLAN, RYAN, US
[72] SHELTON, RYAN, US
[71] PHOTONICARE, INC., US
[85] 2019-08-08
[86] 2018-02-27 (PCT/US2018/019951)
[87] (WO2018/160561)
[30] US (62/464,711) 2017-02-28

[21] **3,053,172**
[13] A1
[51] **Int.Cl. B32B 5/00 (2006.01) B32B 5/22 (2006.01) B32B 5/24 (2006.01) B32B 5/26 (2006.01) B60R 13/08 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **ACOUSTIC FIBER SILENCER**
[54] **SILENCIEUX A FIBRES ACOUSTIQUES**
[72] CAMPBELL, MICHAEL T., US
[72] SKESTONE, ANDREW R., US
[71] CASCADE ENGINEERING, INC., US
[85] 2019-08-08
[86] 2018-03-13 (PCT/US2018/022121)
[87] (WO2018/187000)
[30] US (62/480,724) 2017-04-03

[21] **3,053,173**
[13] A1
[51] **Int.Cl. H04W 4/24 (2018.01) G06Q 20/04 (2012.01) G06Q 20/32 (2012.01) H04M 15/00 (2006.01) H04W 4/021 (2018.01) G07C 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MODIFYING A WIRELESS COMMUNICATION OBJECT**
[54] **SYSTEME ET PROCEDE DE MODIFICATION D'UN OBJET DE COMMUNICATION SANS FIL**
[72] SMITH, GAVIN, GB
[72] BENNETT, GAVIN, GB
[71] CUBIC CORPORATION, US
[85] 2019-08-08
[86] 2018-03-14 (PCT/US2018/022332)
[87] (WO2018/170057)
[30] US (62/471,302) 2017-03-14
[30] US (15/919,913) 2018-03-13

[21] **3,053,174**
[13] A1
[51] **Int.Cl. E21B 43/119 (2006.01)**
[25] EN
[54] **PERFORATING GUN WITH NOVEL CHARGE TUBE ASSEMBLY**
[54] **CANON DE PERFORATION DOTE D'UN NOUVEL ENSEMBLE TUBE DE CHARGE**
[72] LAGRANGE, TIMOTHY E., CA
[72] GARTZ, JEFFREY D., CA
[71] OWEN OIL TOOLS LP, US
[85] 2019-08-08
[86] 2018-03-27 (PCT/US2018/024610)
[87] (WO2018/183360)
[30] US (62/477,245) 2017-03-27

[21] **3,053,175**
[13] A1
[51] **Int.Cl. C09G 1/02 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **CALCIUM CARBONATE SLURRY**
[54] **SUSPENSION EPAISSE DE CARBONATE DE CALCIUM**
[72] YANG, ROBERT, US
[72] BRITTELLE, SAMANTHA K., US
[72] CHENG, YOU-JUNG, US
[72] BAILEY, SCOTT WILLIAM, US
[72] TSAY, JAMES M., US
[71] ILLUMINA, INC., US
[85] 2019-08-08
[86] 2018-02-21 (PCT/US2018/019019)
[87] (WO2018/156629)
[30] US (62/463,533) 2017-02-24

[21] **3,053,176**
[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01) C12N 15/864 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS FOR DETERMINING POTENCY OF ADENO-ASSOCIATED VIRUS PREPARATIONS**
[54] **PROCEDES DE DETERMINATION DE L'ACTIVITE THERAPEUTIQUE DE PREPARATIONS DE VIRUS ADENO-ASSOCIES**
[72] BENDIK, MARIAN, SK
[72] NECINA, ROMAN, AT
[72] BOEHM, ERNST, AT
[72] GRANINGER, MICHAEL, AT
[72] FIEDLER, CHRISTIAN, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[85] 2019-08-08
[86] 2018-03-02 (PCT/US2018/020676)
[87] (WO2018/160975)
[30] US (62/467,045) 2017-03-03

[21] **3,053,178**
[13] A1
[51] **Int.Cl. C07J 71/00 (2006.01) A61K 31/58 (2006.01) A61K 31/7048 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **STEROID SAPONINS WITH ANTI-CANCER ACTIVITY**
[54] **SAPONINES STEROIDIENNES AYANT UNE ACTIVITE ANTICANCEREUSE**
[72] KELLY, PETER, NZ
[72] MARSHALL, PHILIP ANDREW, AU
[71] ONCOLOGY RESEARCH INTERNATIONAL LIMITED, AU
[85] 2019-08-09
[86] 2018-02-09 (PCT/AU2018/050099)
[87] (WO2018/145162)
[30] AU (2017900427) 2017-02-10

[21] **3,053,180**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/138 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING TABLET USING RADIOFREQUENCY AND LOSSY COATED PARTICLES**
[54] **PROCEDE DE FABRICATION D'UN COMPRIME PAR RADIOFREQUENCE ET PARTICULES REVETUES A PERTE**
[72] KOLL, GREGORY, US
[72] MCNALLY, GERARD, US
[72] SZYMCZAK, CHRISTOPHER E., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2019-08-08
[86] 2018-03-06 (PCT/US2018/021223)
[87] (WO2018/175105)
[30] US (15/463,609) 2017-03-20

[21] **3,053,182**
[13] A1
[51] **Int.Cl. B65D 30/02 (2006.01) B32B 3/16 (2006.01) B32B 27/32 (2006.01) B65D 30/08 (2006.01) B65D 33/16 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **PEELABLE EASY OPEN PLASTIC BAGS**
[54] **SACS EN PLASTIQUE FACILES A OUVRIR PELABLES**
[72] BAZBAZ, JACOBO, US
[72] ZAROLI, ALBERTO, US
[71] POLYTEX FIBERS CORPORATION, US
[85] 2019-08-08
[86] 2018-02-21 (PCT/US2018/019054)
[87] (WO2018/156657)
[30] US (15/440,970) 2017-02-23
[30] US (15/495,772) 2017-04-24
[30] US (15/621,850) 2017-06-13

[21] **3,053,183**
[13] A1
[51] **Int.Cl. F16M 11/00 (2006.01) F16M 11/02 (2006.01) F21V 21/26 (2006.01) F21V 21/28 (2006.01)**
[25] EN
[54] **AERODYNAMICALLY SHAPED SURGICAL LIGHTING SUSPENSION**
[54] **DISPOSITIF DE SUSPENSION D'ECLAIRAGE CHIRURGICAL DE FORME AERODYNAMIQUE**
[72] BELLOWS, LANCE CLARK, US
[72] JURKIEWICZ, DAMON, US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2019-08-08
[86] 2018-03-07 (PCT/US2018/021342)
[87] (WO2018/165299)
[30] US (62/468,469) 2017-03-08
[30] US (15/914,512) 2018-03-07

[21] **3,053,184**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/31 (2006.01) G01N 35/00 (2006.01) G01N 35/04 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED PREPARATION OF BIOLOGICAL SPECIMENS**
[54] **SYSTEMES ET PROCEDES DE PREPARATION AUTOMATISEE D'ECHANTILLONS BIOLOGIQUES**
[72] HUNT, BARRY F, US
[72] JENOSKI, RAYMOND, US
[72] OLIVA, RYAN, US
[72] CORDEIRO, MICHAEL, US
[72] GRIMES, ERIC, US
[71] HOLOGIC, INC., US
[85] 2019-08-08
[86] 2018-03-09 (PCT/US2018/021879)
[87] (WO2018/165630)
[30] US (15/454,819) 2017-03-09

[21] **3,053,185**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **SECURE LOCATION BASED ELECTRONIC FINANCIAL TRANSACTION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE TRANSACTION FINANCIERE ELECTRONIQUE BASEE SUR UN EMPLACEMENT SECURISE**
[72] MURPHY, JEAN LOUIS, CA
[71] MURPHY, JEAN LOUIS, CA
[85] 2019-08-09
[86] 2018-02-12 (PCT/CA2018/000025)
[87] (WO2018/145195)
[30] US (62/457,343) 2017-02-10

[21] **3,053,186**
[13] A1
[51] **Int.Cl. B60Q 1/44 (2006.01) B60Q 1/00 (2006.01) B60Q 1/26 (2006.01) B60Q 1/30 (2006.01)**
[25] EN
[54] **AUXILIARY SPARE TIRE BRAKE LIGHT FOR VEHICLES**
[54] **FEU DE FREINAGE DE PNEU DE SECOURS AUXILIAIRE POUR VEHICULES**
[72] BENNETT, PATRICK W., US
[71] OMIX-ADA, INC., US
[85] 2019-08-08
[86] 2018-03-13 (PCT/US2018/022119)
[87] (WO2018/169921)
[30] US (15/457,511) 2017-03-13

[21] **3,053,187**
[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/05 (2006.01) A61K 31/202 (2006.01) A61K 36/185 (2006.01) A61P 25/00 (2006.01) C07C 39/23 (2006.01) C07C 57/03 (2006.01) C07D 311/80 (2006.01)**
[25] EN
[54] **CANNABINOID-CONTAINING FATTY ACID FORMULATIONS FOR TREATING DISORDERS OF THE NERVOUS SYSTEM**
[54] **FORMULES D'ACIDES GRAS CONTENANT DES CANNABINOIDES POUR TRAITER DES TROUBLES DU SYSTEME NERVEUX**
[72] JHA, NEILANK K., CA
[71] BODHI RESEARCH & DEVELOPMENT INC., CA
[85] 2019-08-09
[86] 2018-02-09 (PCT/CA2018/050153)
[87] (WO2018/145213)
[30] US (62/457,059) 2017-02-09

[21] **3,053,191**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) C12N 5/07 (2010.01) C12M 3/04 (2006.01) G01N 27/40 (2006.01)**
[25] EN
[54] **INTEGRATED MULTI-ELECTRODE ARRAY AND TRANS-ENDOTHELIAL ELECTRICAL RESISTANCE IN ORGAN-ON-A-CHIP MICROSYSTEMS**
[54] **RESEAU MULTI-ELECTRODES INTEGRE ET RESISTANCE ELECTRIQUE TRANS-ENDOTHELIALE DANS DES MICROSYSTEMES D'ORGANE SUR PUCE**
[72] MAOZ, BEN M., IL
[72] HERLAND, ANNA, SE
[72] HENRY, OLIVIER F., US
[72] PARKER, KEVIN K., US
[72] INGBER, DONALD E., US
[71] PRESIDENT AND FELLLOWS OF HARVARD COLLEGE, US
[85] 2019-08-08
[86] 2018-02-26 (PCT/US2018/019754)
[87] (WO2018/157073)
[30] US (62/464,229) 2017-02-27
[30] US (62/506,420) 2017-05-15

[21] **3,053,194**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING CASING CEMENT INTEGRITY**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE L'INTEGRITE DU CIMENT D'UN TUBAGE**
[72] MA, SHOUXIANG MARK, SA
[72] TRCKA, DARRYL, US
[72] WILSON, ROBERT, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] WEATHERFORD INTERNATIONAL, LLC, US
[85] 2019-08-08
[86] 2018-02-22 (PCT/US2018/019076)
[87] (WO2018/156672)
[30] US (15/438,956) 2017-02-22

[21] **3,053,196**
[13] A1
[51] **Int.Cl. G01N 33/534 (2006.01) G01N 27/62 (2006.01) G01N 30/72 (2006.01) G01N 30/88 (2006.01)**
[25] EN
[54] **IROA METABOLOMICS WORKFLOW FOR IMPROVED ACCURACY, IDENTIFICATION AND QUANTITATION**
[54] **FLUX DE TRAVAIL METABOLOMIQUE IROA POUR PRECISION, IDENTIFICATION ET QUANTIFICATION AMELIOREES**
[72] BEECHER, CHRISTOPHER, US
[72] YOST, RICHARD A., US
[72] KEMPERMAN, ROBIN HENDRIKUS JOHANNES, US
[71] IROA TECHNOLOGIES, LLC, US
[85] 2019-08-08
[86] 2018-02-26 (PCT/US2018/019743)
[87] (WO2018/157067)
[30] US (62/463,153) 2017-02-24

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,050,535**
[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) B82Y 5/00 (2011.01) A61K 31/05 (2006.01) A61K 31/11 (2006.01) A61K 31/12 (2006.01) A61K 31/385 (2006.01) A61K 36/82 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INFLAMMATORY DISORDERS AND GLOBAL INFLAMMATION WITH COMPOSITIONS COMPRISING PHOSPHOLIPID NANOPARTICLE ENCAPSULATIONS OF ANTI-INFLAMMATORY NUTRACEUTICALS**
[54] **METHODES DE TRAITEMENT DE TROUBLES INFLAMMATOIRES ET D'INFLAMMATION GENERALE AU MOYEN DE COMPOSITIONS RENFERMANT DES ENCAPSULATIONS DE NANOPARTICULES PHOSPHOLIPIDES DE NUTRACEUTIQUES ANTI-INFLAMMATOIRES**
[72] KAUFMAN, RICHARD CLARK, US
[71] NANOSPHERE HEALTH SCIENCES, LLC, US
[22] 2015-12-14
[41] 2016-06-23
[62] 2,970,917
[30] US (62/091,994) 2014-12-15

---

[21] **3,051,064**
[13] A1
[51] **Int.Cl. G06F 3/044 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **REDUNDANT TOUCH PANEL**
[54] **PANNEAU TACTILE REDONDANT**
[72] MAHDI, KEN, US
[71] AMERICAN PANEL CORPORATION, US
[22] 2016-10-06
[41] 2017-04-13
[62] 2,998,511
[30] US (14/876393) 2015-10-06
[30] US (14/876382) 2015-10-06

---

[21] **3,051,325**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/352 (2006.01) B01D 11/02 (2006.01)**
[25] EN
[54] **CANNABINOID EXTRACTION AND DISTILLATION**
[54] **PROCEDE ET SYSTEME D'EXTRACTION DE CANNABINOIDES**
[72] KO, RYAN DELMORAL, CA
[72] HUGHES, BROCK, CA
[71] NEXTLEAF SOLUTIONS LTD., CA
[22] 2018-08-31
[41] 2018-09-09
[62] 3,016,078
[30] US (15/721,344) 2017-09-29

---

[21] **3,051,391**
[13] A1
[51] **Int.Cl. A47C 13/00 (2006.01) A47C 3/16 (2006.01) A47C 4/52 (2006.01)**
[25] EN
[54] **RECONFIGURABLE FURNITURE**
[54] **AMEUBLEMENT RECONFIGURABLE**
[72] GAGNON, SHANE, CA
[71] GAGNON, SHANE, CA
[22] 2012-10-16
[41] 2013-04-20
[62] 2,792,206
[30] US (61/627,893) 2011-10-20

---

[21] **3,051,412**
[13] A1
[51] **Int.Cl. B65D 51/16 (2006.01) B32B 3/08 (2006.01) B32B 3/24 (2006.01) B32B 7/06 (2019.01) B32B 7/12 (2006.01) B65D 47/32 (2006.01)**
[25] EN
[54] **INTEGRATED ONE-WAY VALVE WITH POLYOL FILM**
[54] **SOUPAPE UNIDIRECTIONNELLE INTEGREE A PELLICULE DE POLYOL**
[72] BRANYON, JACOB DONALD PRUE, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-03-21
[41] 2017-10-05
[62] 2,961,506
[30] US (62/318,440) 2016-04-05

---

[21] **3,051,490**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **DISPOSABLE PEN NEEDLE WITH RE-USE PREVENTION FEATURES**
[54] **AIGUILLE JETABLE POUR STYLO INJECTEUR MUNIE D'ELEMENTS EMPECHANT SA REUTILISATION**
[72] RUAN, TIEMING, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2010-02-04
[41] 2010-08-12
[62] 2,990,646
[30] US (61/150,671) 2009-02-06

[21] **3,051,495**
[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 9/14 (2006.01) A61K 31/337 (2006.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF NANOPARTICLES COMPRISING A TAXANE AND ALBUMIN IN THE TREATMENT OF HEPATOCELLULAR CARCINOMA**
[54] **UTILISATION DE NANOPARTICULES COMPRENANT UNE TAXANE ET UNE ALBUMINE POUR LE TRAITEMENT DE CARCINOME HEPATOCELLULAIRE**
[72] WONG, NATHALIE, CN
[72] YEO, WINNIE, CN
[71] ABRAXIS BIOSCIENCE, LLC, US
[22] 2011-03-25
[41] 2011-09-29
[62] 2,793,536
[30] US (62/318153) 2010-03-26

[21] **3,051,541**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 41/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **COLD WEATHER PACKAGE FOR OIL FIELD HYDRAULICS**
[54] **GARNITURE POUR TEMPS FROID DESTINEE AUX MACHINES HYDRAULIQUES DE CHAMP PETROLIER**
[72] OEHRING, JARED, US
[71] US WELL SERVICES LLC, US
[22] 2016-05-03
[41] 2016-11-03
[62] 2,928,711
[30] US (62/156,307) 2015-05-03

[21] **3,051,552**
[13] A1
[51] **Int.Cl. G10L 19/038 (2013.01)**
[25] EN
[54] **DEVICE AND METHOD FOR EXECUTION OF HUFFMAN CODING**
[54] **DISPOSITIF ET PROCEDE D'EXECUTION D'UN CODAGE DE HUFFMAN**
[72] CHONG, KOK SENG, SG
[72] LIU, ZONGXIAN, SG
[72] OSHIKIRI, MASAHIRO, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[22] 2012-03-12
[41] 2012-10-26
[62] 2,832,032
[30] JP (2011-094295) 2011-04-20
[30] JP (2011-133432) 2011-06-15

[21] **3,051,559**
[13] A1
[51] **Int.Cl. B65D 85/816 (2006.01) A23F 3/00 (2006.01) A23F 5/00 (2006.01) A23L 2/00 (2006.01) A47J 31/06 (2006.01) A47J 31/46 (2006.01) B65B 29/00 (2006.01) B65B 29/06 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND CAPSULE FOR PREPARING A BEVERAGE**
[54] **SYSTEME, PROCEDE ET CAPSULE POUR LA PREPARATION D'UNE BOISSON**
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
[72] KAMERBEEK, RALF, NL
[72] WONG, KON EUAN GERARD, AU
[72] BRANDT, GUIDO, AU
[72] KOELING, HENDRIK CORNELIS, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[22] 2008-08-08
[41] 2009-09-11
[62] 2,913,042

[21] **3,051,560**
[13] A1
[51] **Int.Cl. G01D 5/32 (2006.01)**
[25] EN
[54] **OPTIC FIBRES AND FIBRE OPTIC SENSING**
[54] **FIBRES OPTIQUES ET DETECTION PAR FIBRES OPTIQUES**
[72] HILL, DAVID JOHN, GB
[72] MCEWEN-KING, MAGNUS, GB
[72] CRICKMORE, ROGER IAN, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[22] 2010-11-11
[41] 2011-05-19
[62] 2,780,569
[30] GB (0919902.7) 2009-11-13

[21] **3,051,561**
[13] A1
[51] **Int.Cl. G02B 6/02 (2006.01) G01D 5/32 (2006.01)**
[25] EN
[54] **OPTIC FIBRES AND FIBRE OPTIC SENSING**
[54] **FIBRES OPTIQUES ET DETECTION PAR FIBRES OPTIQUES**
[72] HILL, DAVID JOHN, GB
[72] MCEWEN-KING, MAGNUS, GB
[72] CRICKMORE, ROGER IAN, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[22] 2010-11-11
[41] 2011-05-19
[62] 2,780,569
[30] GB (0919902.7) 2009-11-13

[21] **3,051,567**
[13] A1
[51] **Int.Cl. D21H 27/38 (2006.01)**
[25] EN
[54] **ABSORBENT SHEET HAVING REGENERATED CELLULOSE MICROFIBER NETWORK**
[54] **FEUILLE ABSORBANTE AYANT UN ENTRELACEMENT DE MICROFIBRES DE CELLULOSE REGENEREE**
[72] SUMNICHT, DANIEL W., US
[72] KOKKO, BRUCE J., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2007-03-20
[41] 2007-09-27
[62] 2,962,851
[30] US (60/784,228) 2006-03-21
[30] US (60/850,467) 2006-10-10
[30] US (60/850,681) 2006-10-10
[30] US (60/881,310) 2007-01-19
[30] US (11/725,253) 2007-03-19

[21] **3,051,569**
[13] A1
[51] **Int.Cl. D21H 21/22 (2006.01) A47K 10/16 (2006.01) D21H 11/04 (2006.01) D21H 15/00 (2006.01) D21H 17/55 (2006.01) D21H 21/20 (2006.01) D21H 21/50 (2006.01)**
[25] EN
[54] **ABSORBENT SHEET HAVING REGENERATED CELLULOSE MICROFIBER NETWORK**
[54] **FEUILLE ABSORBANTE AYANT UN ENTRELACEMENT DE MICROFIBRES DE CELLULOSE REGENEREE**
[72] KOKKO, BRUCE J., US
[72] SUMNICHT, DANIEL W., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2007-03-20
[41] 2007-09-27
[62] 2,962,851
[30] US (60/784,228) 2006-03-21
[30] US (60/850,681) 2006-10-10
[30] US (60/850,467) 2006-10-10
[30] US (60/881,310) 2007-01-19
[30] US (11/725,253) 2007-03-19

[21] **3,051,619**
[13] A1
[51] **Int.Cl. B30B 15/04 (2006.01)**
[25] EN
[54] **MODULAR PRESS**
[54] **PRESSE MODULAIRE**
[72] POPE, SAMUEL TAYLOR, US
[72] MEEKER, LAURA HART, US
[72] BULLION, CONRAD, US
[72] O'CONNELL, KEVIN K., US
[71] USNR/KOCKUMS CANCAR COMPANY, US
[22] 2016-05-13
[41] 2016-07-18
[62] 2,930,102
[30] US (62/162,642) 2015-05-15
[30] US (62/204,664) 2015-08-13

[21] **3,051,624**
[13] A1
[51] **Int.Cl. H04W 40/22 (2009.01) H04W 4/12 (2009.01) H04W 4/24 (2018.01) H04W 8/00 (2009.01) H04W 16/28 (2009.01) H04W 80/02 (2009.01) H04W 88/14 (2009.01) H04W 88/16 (2009.01) H04L 12/723 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF AN ALL PURPOSE BROADBAND NETWORK**
[54] **PROCEDES ET SYSTEMES D'UN RESEAU LARGE BANDE TOUT USAGE**
[72] RUBIN, HARVEY, US
[72] BREWINGTON, JAMES KEITH, US
[72] SAWKAR, ANIL S., US
[72] POTICNY, DAVID M., US
[71] ALL PURPOSE NETWORKS, INC., US
[22] 2013-06-13
[41] 2013-12-19
[62] 2,874,867
[30] US (61/659,174) 2012-06-13
[30] US (13/667,424) 2012-11-02
[30] US (13/755,808) 2013-01-31
[30] US (13/860,711) 2013-04-11
[30] US (13/916,338) 2013-06-12

[21] **3,051,628**
[13] A1
[51] **Int.Cl. D21H 21/22 (2006.01) A47K 10/16 (2006.01) D21H 11/04 (2006.01) D21H 15/00 (2006.01) D21H 17/55 (2006.01) D21H 21/20 (2006.01) D21H 21/50 (2006.01)**
[25] EN
[54] **ABSORBENT SHEET HAVING REGENERATED CELLULOSE MICROFIBER NETWORK**
[54] **FEUILLE ABSORBANTE AYANT UN ENTRELACEMENT DE MICROFIBRES DE CELLULOSE REGENEREE**
[72] SUMNICHT, DANIEL W., US
[72] KOKKO, BRUCE J., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2007-03-20
[41] 2007-09-27
[62] 2,962,851
[30] US (60/784,228) 2006-03-21
[30] US (60/850,467) 2006-10-10
[30] US (60/850,681) 2006-10-10
[30] US (60/881,310) 2007-01-19
[30] US (11/725,253) 2007-03-19

[21] **3,051,658**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO FACILITATE SELLING OF PRODUCTS AND SERVICES**
[54] **SYSTEMES ET PROCEDES POUR FACILITER LA VENTE DES PRODUITS ET SERVICES**
[72] FREISHTAT, GREGG, US
[72] HUFFORD, STEVE, US
[72] MCFALL, DODGE, US
[72] WILSON, JACKSON, US
[72] HYMAN, TANYA, US
[72] RIJSINGHANI, VIKAS, US
[72] KAIB, PAUL, US
[71] PROFICIENT SYSTEMS, INC., US
[22] 2001-10-26
[41] 2002-06-06
[62] 2,427,127
[30] US (60/244,039) 2000-10-26
[30] US (09/922,753) 2001-08-06

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,051,659**
[13] A1
[51] **Int.Cl. G06K 7/10 (2006.01) G06Q 10/08 (2012.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUPPLY CHAIN MANAGEMENT**
[54] **SYSTEME POUR LA GESTION DE CHAINE D'APPROVISIONNEMENT**
[72] ZDEBLICK, MARK J., US
[71] PROTEUS DIGITAL HEALTH, INC., US
[22] 2010-11-04
[41] 2011-05-12
[62] 2,980,571
[30] US (61/258,182) 2009-11-04

---

[21] **3,051,661**
[13] A1
[51] **Int.Cl. H04W 40/22 (2009.01) H04W 4/12 (2009.01) H04W 8/00 (2009.01) H04W 16/28 (2009.01) H04W 24/10 (2009.01) H04W 36/32 (2009.01) H04W 80/02 (2009.01) H04W 88/14 (2009.01) H04W 88/16 (2009.01) H04L 12/723 (2013.01) H04B 17/309 (2015.01) H04W 4/50 (2018.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF AN ALL PURPOSE BROADBAND NETWORK**
[54] **PROCEDES ET SYSTEMES D'UN RESEAU LARGE BANDE TOUT USAGE**
[72] RUBIN, HARVEY, US
[72] BREWINGTON, JAMES KEITH, US
[72] SAWKAR, ANIL S., US
[72] POTICNY, DAVID M., US
[71] ALL PURPOSE NETWORKS, INC., US
[22] 2013-06-13
[41] 2013-12-19
[62] 2,874,867
[30] US (13/916,338) 2013-06-12
[30] US (13/667,424) 2012-11-02
[30] US (13/755,808) 2013-01-31
[30] US (13/860,711) 2013-04-11
[30] US (61/659,174) 2012-06-13

---

[21] **3,051,672**
[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION**
[72] LENKE, MICHAEL, DE
[71] NOVOLUTO GMBH, DE
[22] 2014-07-22
[41] 2015-03-26
[62] 2,923,526
[30] DE (102013110501.7) 2013-09-23

---

[21] **3,051,675**
[13] A1
[51] **Int.Cl. C23C 22/02 (2006.01) B22D 13/02 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01) C22C 38/40 (2006.01) C23C 30/00 (2006.01)**
[25] EN
[54] **CAST PRODUCT HAVING ALUMINA BARRIER LAYER AND METHOD FOR PRODUCING SAME**
[54] **ARTICLE DE COULAGE POSSEDANT UNE COUCHE DE BARRIERE A L'ALUMINE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] ENJO, YOUHEI, JP
[72] HINENO, MAKOTO, JP
[72] URAMARU, SHINICHI, JP
[72] HASHIMOTO, KUNIHIDE, JP
[71] KUBOTA CORPORATION, JP
[22] 2013-03-07
[41] 2013-09-26
[62] 2,868,306
[30] JP (2012-067827) 2012-03-23
[30] JP (2012-067828) 2012-03-23
[30] JP (2012-078851) 2012-03-30
[30] JP (2013-010883) 2013-01-24

---

[21] **3,051,737**
[13] A1
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 47/65 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LOW MOLECULAR WEIGHT DRUG CONJUGATES FOR BINDING TO CARBONIC ANHYDRASE IX**
[54] **CONJUGUES DE MEDICAMENT A FAIBLE POIDS MOLECULAIRE SERVANT A LA LIAISON A L'ANHYDRASE IX CARBONIQUE**
[72] KRALL, NIKOLAUS, AT
[72] DECURTINS, WILLY, CH
[72] NERI, DARIO, CH
[72] SCHEUERMANN, JORG, CH
[72] WICHERT, MORENO, CH
[71] EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH, CH
[22] 2015-02-03
[41] 2015-08-06
[62] 3,008,111
[30] GB (1401819.6) 2014-02-03
[30] GB (1407530.3) 2014-04-29
[30] GB (1419994.7) 2014-11-10

---

[21] **3,051,745**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTION AND CHARACTERIZATION OF CHANNEL SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE DETECTION ET DE CARACTERISATION DE SYSTEMES DE CANAUX**
[72] FILDANI, ANDREA, US
[72] LOMASK, JESSE, US
[72] SHELEF, EITAN, US
[71] CHEVRON U.S.A. INC., US
[22] 2013-11-26
[41] 2014-06-12
[62] 2,883,983
[30] US (13/706,148) 2012-12-05

[21] **3,051,748**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 37/04 (2006.01) C07K 14/455 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 1/21 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF ENHANCING IMMUNE RESPONSES TO EIMERIA**
[54] **COMPOSITIONS ET PROCEDES POUR AMPLIFIER DES REPONSES IMMUNITAIRES A L'EIMERIA**
[72] BOTTJE, WALTER, US
[72] HARGIS, BILLY, US
[72] BERGHMAN, LUC, US
[72] KWON, YOUNG MIN, US
[72] COLE, KIMBERLY, US
[72] COX, MANDY, US
[72] LAYTON, SHERRYLL, US
[72] EL-ASHRAM, SAID, CA
[72] BARTA, JOHN, CA
[72] TELLEZ, GUILLERMO, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[71] UNIVERSITY OF GUELPH, CA
[22] 2008-11-03
[41] 2009-05-07
[62] 2,704,422
[30] US (60/984,612) 2007-11-01

---

[21] **3,051,749**
[13] A1
[51] **Int.Cl. E05B 47/06 (2006.01)**
[25] EN
[54] **LOCK DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE TYPE SERRURE, SYSTEMES ET PROCEDES ASSOCIES**
[72] MCKIBBEN, AARON P., US
[72] BARKER, KENTON HAYES, US
[71] SCHLAGE LOCK COMPANY LLC, US
[22] 2013-01-30
[41] 2013-08-08
[62] 2,866,296
[30] US (61/592,358) 2012-01-30

---

[21] **3,051,752**
[13] A1
[51] **Int.Cl. F04D 7/06 (2006.01) F04D 29/22 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **MOLTEN METAL PUMP**
[54] **POMPE A METAL EN FUSION**
[72] MORANDO, JORGE A., US
[72] TIPTON, JON, US
[72] MORDUE, GEORGE, US
[72] BRIGHT, MARK, US
[72] LUTES, LENNARD, US
[72] HENDERSON, RICHARD S., US
[72] VILD, CHRIS T., US
[71] PYROTEK INC., US
[22] 2005-07-07
[41] 2006-02-09
[62] 2,948,335
[30] US (60/586134) 2004-07-07
[30] US (60/607644) 2004-09-07
[30] US (60/675828) 2005-04-28

---

[21] **3,051,757**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR OBTAINING ELECTRONIC TRANSACTION CERTIFICATE, AND STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF POUR OBTENIR UN CERTIFICAT DE TRANSACTION ELECTRONIQUE, ET SUPPORT D'INFORMATIONS**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-04-30
[41] 2016-11-03
[62] 3,022,694

---

[21] **3,051,887**
[13] A1
[51] **Int.Cl. G01V 1/18 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **HYDROPHONE HAVING NO INTERNAL LEADS**
[54] **HYDROPHONE SANS CONDUCTEURS INTERNES**
[72] CHANG, CHUNG, US
[72] TEH, YEE SIANG, SG
[72] OGBUNUJU, IFE, US
[71] HALLIBURTON ENERGY SERIVCES, INC., US
[22] 2014-11-17
[41] 2016-05-26
[62] 2,964,080

---

[21] **3,051,894**
[13] A1
[51] **Int.Cl. A61B 90/70 (2016.01) A61M 25/00 (2006.01) A61M 27/00 (2006.01) B08B 9/043 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES TO CLEAR OBSTRUCTIONS FROM MEDICAL TUBES**
[54] **PROCEDES ET DISPOSITIFS DESTINES A L'ELIMINATION D'OBSTRUCTIONS DE TUBULURES MEDICALES**
[72] BOYLE, EDWARD M., JR., US
[72] DALE, NATHAN J., US
[72] LEONARD, PAUL C., US
[72] GILLINOV, ALAN MARC, US
[72] COHN, WILLIAM E., US
[72] KIDERMAN, SAM, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[71] CLEARFLOW, INC., US
[22] 2009-01-26
[41] 2009-10-01
[62] 2,994,429
[30] US (61/023,829) 2008-01-25
[30] US (61/189,850) 2008-08-22

---

[21] **3,051,896**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 47/007 (2012.01) 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] 2,980,906
[30] US (13/987,729) 2013-08-26

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,051,910**
[13] A1
[51] **Int.Cl. A61K 39/08 (2006.01) A61K 9/00 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **VACCINE AGAINST CLOSTRIDIUM PERFRINGENS**
[54] **VACCIN CONTRE LE CLOSTRIDIUM PERFRINGENS**
[72] PRESCOTT, JOHN, CA
[72] KULKARNI, RAVEENDRA, CA
[72] PARREIRA, VALERIA, CA
[72] SHARIF, SHAYAN, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2007-06-22
[41] 2008-12-22
[62] 2,593,558

[21] **3,051,912**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **GESTURE RECOGNITION DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE RECONNAISSANCE DE GESTE**
[72] MOSCARILLO, THOMAS J., US
[71] MOSCARILLO, THOMAS J., US
[22] 2013-02-25
[41] 2013-08-29
[62] 2,864,719
[30] US (61/602,704) 2012-02-24

[21] **3,051,920**
[13] A1
[51] **Int.Cl. A45F 5/02 (2006.01) B26B 29/02 (2006.01)**
[25] EN
[54] **VARIABLE MOUNTING SYSTEM FOR A KNIFE SHEATH**
[54] **SYSTEME DE MONTAGE VARIABLE POUR ETUI A COUTEAU**
[72] PRINCE, JORDAN, US
[72] NYSSEN, BENJAMIN J., US
[71] FISKARS BRANDS, INC., US
[22] 2015-01-09
[41] 2015-07-16
[62] 2,935,131
[30] US (61/925,906) 2014-01-10
[30] US (14/593,798) 2015-01-09

[21] **3,051,933**
[13] A1
[51] **Int.Cl. H04L 12/917 (2013.01) H04L 12/813 (2013.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **CUSTOMER-DIRECTED NETWORKING LIMITS IN DISTRIBUTED SYSTEMS**
[54] **LIMITES DE RESEAUTAGE ORIENTE CLIENT DANS DES SYSTEMES DISTRIBUES**
[72] LISSACK, AVICHAI MENDLE, US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2014-11-25
[41] 2015-05-28
[62] 2,931,524
[30] US (14/089,224) 2013-11-25
[30] US (14/089,230) 2013-11-25

[21] **3,051,939**
[13] A1
[51] **Int.Cl. C12N 1/19 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12N 15/53 (2006.01) C12N 15/81 (2006.01) C12P 7/44 (2006.01) C12P 7/46 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED YEAST WITH INCREASED ALCOHOL DEHYDROGENASE ACTIVITY FOR PREPARING A FATTY DICARBOXYLIC ACID**
[54] **LEVURE GENETIQUEMENT MODIFIEE PRESENTANT UNE ACTIVITE DE DESHYDROGENASE D'ALCOOL AUGMENTEE DESTINEE A LA PREPARATION D'ACIDE GRAS DICARBOXYLIQUE**
[72] BEARDSLEE, TOM, US
[72] PICATAGGIO, STEPHEN, US
[72] EIRICH, E. DUDLEY, US
[72] LAPLAZA, JOSE MIGUEL, US
[71] VERDEZYNE, INC., US
[22] 2012-07-05
[41] 2013-01-10
[62] 2,841,794
[30] US (61/505,092) 2011-07-06
[30] US (61/523,216) 2011-08-12

[21] **3,051,951**
[13] A1
[51] **Int.Cl. E05B 63/00 (2006.01) E05B 1/00 (2006.01) E05C 9/04 (2006.01)**
[25] EN
[54] **MULTIPOINT LOCK**
[54] **VERROU MULTIPOINT**
[72] JASKIEWICZ, TOMASZ, US
[72] JOHNSON, ERIC, US
[72] KENDALL, ADAM, US
[72] MITCHELL, MICHAEL K., US
[71] ENDURA PRODUCTS, INC., US
[22] 2017-12-04
[41] 2018-06-05
[62] 2,987,614
[30] US (62/430,089) 2016-12-05
[30] US (62/447,955) 2017-01-19
[30] US (62/488,098) 2017-04-21
[30] US (15/828,638) 2017-12-01

[21] **3,051,973**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) G06M 1/00 (2006.01)**
[25] EN
[54] **INHALATION DEVICE FOR POWDERED DRUGS**
[54] **DISPOSITIF D'INHALATION POUR MEDICAMENTS EN POUDRE**
[72] HERDER, MARTIN, DE
[72] LUDANEK, GERHARD, DE
[72] METT, INGO, DE
[72] SCHMIDT, JOACHIM, DE
[71] ASTRAZENECA AB, SE
[22] 2013-01-17
[41] 2013-07-25
[62] 2,860,884
[30] EP (12 000 354.6) 2012-01-20
[30] US (61/590960) 2012-01-26

[21] **3,052,008**
[13] A1
[51] **Int.Cl. A01K 5/00 (2006.01) A01K 61/80 (2017.01) A01K 39/012 (2006.01)**
[25] EN
[54] **FEEDING APPARATUS FOR ANIMALS**
[54] **APPAREIL D'ALIMENTATION POUR ANIMAUX**
[72] MCADAMS, TOM, CA
[72] HOFER, ETHAN, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[71] CRYSTAL SPRING COLONY FARMS LTD., CA
[22] 2017-07-20
[41] 2018-02-22
[62] 3,032,463
[30] US (15416104) 2017-01-26
[30] US (15239177) 2016-08-17

Index of Canadian Patents Issued

September 10, 2019

Index des brevets canadiens délivrés

10 septembre 2019

2236008 ONTARIO INC. 2,800,504
3M INNOVATIVE PROPERTIES COMPANY 2,861,859
9191-1230 QUEBEC INC. 2,998,926
ABAD, JUAN CARLOS 2,849,366
ABB INC. 2,849,074
ABB SCHWEIZ AG 2,832,820
ABB SCHWEIZ AG 2,966,854
ABRAHAM, MARIO 2,963,020
ABRAHANTES PEREZ, MARIA DEL CARMEN 2,830,325
ABRAMOVICH, GIL 2,785,405
ACADEMISCH ZIEKENHUIS GRONINGEN 2,853,213
ACKERMANN, BRENT J. 2,832,820
ACO SEVERIN AHLMANN GMBH & CO KOMMANDITGESELLSCHAFT 2,938,216
ACOOO (BEIJING) LIMITED 2,942,057
ACTIVE MINERALS INTERNATIONAL, LLC 2,944,599
ADAMS, WESLEY N. 3,011,210
ADEY HOLDINGS (2008) LIMITED 2,873,943
ADEY, CHRISTOPHER 2,873,943
AFROOZE, SINA 2,896,825
AGENCE NATIONALE POUR LA GESTION DES DECHETS RADIOACTIFS 2,860,251
AGR INTERNATIONAL, INC. 3,021,200
AGRESEARCH LIMITED 2,748,974
AGRICULTURE VICTORIA SERVICES PTY LTD 2,748,974
AGUILAR-AVILA, JONATHAN 2,879,123
AHMAD, TAHIR 2,977,024
AHMAVAARA, KALLE 2,746,751
AIR DISTRIBUTION TECHNOLOGIES IP, LLC 2,917,679
AIRBUS DEFENCE AND SPACE GMBH 2,870,942
AIRBUS DEFENCE AND SPACE SAS 3,037,446
AKAGI, ISAO 2,883,406
AKASHI, KOTARO 2,954,481
ALADDIN MANUFACTURING CORPORATION 2,968,225
ALBLAS, HENDRIK 2,783,814
ALCONS AUDIO B.V. 2,801,141
ALENIA AERMACCHI S.P.A. 2,885,833
ALERE TOXICOLOGY PLC 2,812,966
ALEXION PHARMACEUTICALS, INC. 2,796,607
ALGETA ASA 2,841,845
ALIBABA GROUP HOLDING LIMITED 2,940,661
ALIXA RX LLC 2,887,063
ALLEMAND, JEAN-FRANCOIS 2,800,639
ALLEN, MEGAN 2,815,775
ALLERGAN, INC. 2,849,366
ALP HAVACILIK SANAYI VE TICARET ANONIM SIRKETI 2,981,149
ALP HAVACILIK SANAYI VE TICARET ANONIM SIRKETI 2,981,151
ALVAREZ MONTANER, LLUIS 2,942,093
AMAZON TECHNOLOGIES, INC. 2,899,421
AMGEN INC. 2,830,254
AMYGDALA NEUROSCIENCES, INC. 2,840,763
ANDERSON, KENNETH D. 2,982,977
ANDERSON, TYSON BENTLEY 2,889,612
ANDREI, MARIA 2,851,414
ANDRIN, DOMINKO 2,828,127
ANETAI, KANAKO 2,967,243
ANGIOMED GMBH & CO. MEDIZINTECHNIK KG 2,970,877
ANTHONY, PHILIP M. 2,887,063
ANTILLA, MARK A. 2,975,621
AOKI, YUJI 2,981,784
APEIRON BIOLOGICS AG 2,822,114
APTEVO RESEARCH AND DEVELOPMENT LLC 2,784,814
ARCELORMITTAL 2,954,134
ARCHER, NICOLAS 2,849,988
ARCHER-DANIELS-MIDLAND COMPANY 2,895,095
ARCONIC INC. 2,947,720
ARCONIC INC. 2,978,353
ARMACELL ENTERPRISE GMBH & CO. KG 2,783,862
ARNAUD, DANIEL 2,856,068
ARONOVICH, LIOR 2,817,119
ARRIS ENTERPRISES LLC 2,965,304
ARROYO, ITZIA ZORAIDA 2,810,004
ASRAR, JAWED 2,795,935
ASTRA CAPITAL INCORPORATED 2,851,054
AT&T INTELLECTUAL PROPERTY I, L.P. 2,977,034
AT&T INTELLECTUAL PROPERTY I, L.P. 2,981,865
AT&T INTELLECTUAL PROPERTY I, LP 2,960,976
ATKINS, C. SCOT 3,002,459
ATKINSON, WILLIAM LLOYD 3,018,205
ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP 2,957,306
AUGER, JEREMY JASON 2,777,079
AUGUST, DAVID 2,849,988
AULD, JAMES 2,995,532
AUSTECH AND DESIGN PTY LTD 2,839,323
AVIGILON CORPORATION 2,896,825
AVILA, JEFF 2,758,479
AVINTIV SPECIALTY MATERIALS INC. 2,953,904
AVON PRODUCTS, INC. 2,822,325
AYOUB, KHALIL ANDRES 2,789,909
BA-TIS, FAEZ 2,959,799
BACHAR, YEHUDA 2,980,332
BAE, HYUN AE 2,975,374
BAE, YOUNSOO 2,890,257
BAGAGLI, RICCARDO 2,798,261
BAGAOISAN, CELSO 2,932,469
BAILLY, PIERRE 2,858,000
BAKER HUGHES INCORPORATED 2,961,167
BALDASSARI, MARIO C. 2,897,212
BALIU, ENRIQUE 2,758,479
BALL CORPORATION 2,982,977
BALL, RICHARD G. 2,810,004
BALLTEC LIMITED 2,899,683
BAMFORD, MARY 2,726,958
BANISTER, STUART MARK 2,791,151
BANK OF CANADA 2,927,291
BANKSTON, DONALD 2,844,830
BARNES, GRAHAM 2,835,086
BARNICKEL, DONALD J. 2,977,034
BARNICKEL, DONALD J. 2,981,865
BARRADAS, SEAN 2,834,015
BARRETT, LOUIS L. 2,965,081
BARRON, LAURIE 2,868,653
BARZEGAR, FARHAD 2,977,034
BARZEGAR, FARHAD 2,981,865
BASELL POLYOLEFINE GMBH 2,967,717
BASF PLANT SCIENCE COMPANY GMBH 2,771,253
BASF SE 2,739,153
BASF SE 2,835,267
BASKUT, EVREN 2,981,151
BASSANI, LORIS 2,754,274
BAUER-ESPINDOLA, KLAUS ANDREAS 2,945,612
BAUMAN, LEONARD P. 2,816,499
BAURICHTER, ARND 2,788,617
BAVARIAN NORDIC A/S 2,815,727
BAYER CONSUMER CARE AG 2,818,179

Index of Canadian Patents Issued
September 10, 2019

BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,819,270
BEASE, MICHAEL 2,849,988
BECK, MICHAEL 2,699,218
BECKER, DIETMAR 2,969,481
BECTON, DICKINSON AND COMPANY 2,709,192
BECTON, DICKINSON AND COMPANY 2,751,564
BECTON, DICKINSON AND COMPANY 2,872,962
BEDELL, WARE 2,749,532
BEDNARCZYK, ADRIAN 2,969,481
BELL, KENNETH IAN 2,839,323
BEN-MRAD, RIDHA 2,959,799
BENNETT, ROBERT 2,977,034
BENNETT, ROBERT 2,981,865
BENSIMON, DAVID 2,800,639
BENTON, THOMAS P. 2,965,304
BEREZNAK, JAMES FRANCIS 2,863,059
BERTRAND, JOHAN 2,860,251
BESHAI, MAGED E. 2,923,769
BESTE, RANDAL THOMAS 2,954,269
BEUTERBAUGH, AARON MICHAEL 2,973,058
BHATTACHARYA, MADHUSHREE 2,815,276
BHATTACHARYA, SUJIT 2,986,395
BHUSHAN, NAGA 2,911,397
BIEDRZYCKI, TIMOTHY 2,783,259
BINGER, SCOTT 2,884,652
BIOSENSE WEBSTER (ISRAEL) LTD. 2,723,038
BISCHOFF, JOERG 2,807,172
BLACK, MICHAEL K. 2,965,081
BLACKADAR, THOMAS P. 3,009,449
BLACKBERRY LIMITED 2,800,504
BLANCO, ALEJANDRO G. 2,983,246
BLANKENSHIP, JOHN W. 2,784,814
BLEILE, JOHN 2,995,532
BLU PACK DI SCOLARO MAURO 2,821,247
BLUNIER, TIMOTHY R. 2,812,585
BMC SOFTWARE, INC. 2,868,804
BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,848,726
BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC. 2,699,218
BOERGER, MARK A. 2,983,246
BOGHOSIAN, GLENN MALCOLM 2,772,362
BOGUTH, GUENTHER 2,845,736
BOMBARDIER INC. 2,829,748
BOMBARDIER INC. 2,866,017
BOON, CHOONG SENG 3,000,382
BOON, CHOONG SENG 3,000,726
BOON, CHOONG SENG 3,000,728
BOON, CHOONG SENG 3,011,241
BORCHARDT, MICHAEL G. 2,863,601
BORCHARDT, MICHAEL G. 2,884,652
BORKIEWICZ, ZBIGNIEW STANISLAW 2,801,321
BORRETZEN, PEER 2,841,845
BORTLEIN, GEORG 2,984,698
BOS, RUDOLF ROBERT MARIA 2,853,213
BOURASSEAU, ERIC 2,817,480
BOUSSELET-KILGER, FABIENNE 2,845,736
BOUTROS, MICHAEL 2,817,331
BOUVET, CHRISTIAN 2,817,480
BOWN, GAVIN 2,791,151
BOYD, THOMAS 2,858,830
BOZZANO, GIULIA LUISA ELEONORA 2,851,414
BRAIN Q TECHNOLOGIES LTD 2,848,549
BRAKE, NEVON CHRISTOPHER 2,777,434
BRANDT SANZ, MIGUEL 2,983,452
BRAUCHLE, MICHAEL 2,828,127
BRAUN GMBH 2,981,576
BREINING, MICHAEL A. 2,820,729
BREZNA, WOLFGANG 3,000,571
BRIGGS, FORREST SAMUEL 3,017,827
BROCKEN, PETRUS JOSEPH MARIA 2,489,982
BROERE, DAVID J.C. 2,953,254
BROERING, SHAUN T. 2,863,601
BROERING, SHAUN T. 2,884,652
BROOKS, GEOFFREY 2,758,479
BROUILLETTE, MARTIN 3,029,492
BROUWER, TODD B. 2,933,162
BROWN, AARON MICHAEL 2,899,421
BRUCKNER, JAN 2,966,811
BRUNSWICK CORPORATION 3,029,408
BUFTON, ANDREW CHRISTOPHER 2,791,151
BUNKER, RONALD SCOTT 2,965,338
BURKE, PATRICK 2,850,103
BURNHAM, MIKE 2,924,703
BUSCH-MADSEN, MICHAEL 2,834,591
BUSCH-MADSEN, PATRICK 2,834,591
BUSSON, PHILIPPE 2,858,942
BUTTERMANN, GLENN R. 2,826,941
CABRAL, BRIAN KEITH 3,017,827
CADBURY UK LIMITED 2,791,151
CADIX, ARNAUD 2,852,104
CALCIMEDICA, INC. 2,809,830
CALDERA ENGINEERING, L.C. 2,801,795
CALIFORNIA INSTITUTE OF TECHNOLOGY 2,947,816
CAN-FITE BIOPHARMA LTD. 2,880,753
CANADIAN NATIONAL RAILWAY COMPANY 2,995,532
CANNAN, DAVID D. B. 2,787,660
CANNIZZARO, CARINA E. 2,840,763
CANON KABUSHIKI KAISHA 2,920,647
CAO, GUORONG 2,961,678
CAO, JIANGUO 2,809,830
CAPITANI, STEFANO 2,972,563
CAPODANNO, VINCENT R. 2,810,004
CAPRONNIER, SANDRINE 2,800,770
CARGILL, INCORPORATED 2,818,752
CARL FREUDENBERG KG 2,940,019
CARL FREUDENBERG KG 2,940,026
CARPENTER, WAYNE E. 2,973,893
CARPENTIER, PHILIPPE 2,867,870
CARROLL, MICHAEL THOMAS 2,996,151
CARROZZO, JOHN K. 2,997,765
CARTER, BRUCE ALAN 2,850,428
CASTANEDA-GUTIERREZ, SERGIO 2,879,123
CASTONGUAY, KEVIN NORMAND 2,985,111
CASTRILLON, PAULA MORA 2,840,863
CEMPRA PHARMACEUTICALS, INC. 2,793,884
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,947,523
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,800,639
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,865,561
CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA 2,830,325
CEPURAN, BRIAN JOHN 2,777,079
CERISIER, ANTOINE 2,817,480
CERTAINTEED CORPORATION 2,871,377
CERYNIK, DOUGLAS 2,794,019
CEVIK, BURAK 2,941,607
CHA, ZHIXIONG 2,823,635
CHABENNE, JOSEPH 2,728,284
CHAKRABARTY, TAPANTOSH 2,837,646
CHAMBAUD, ISABELLE 2,800,770
CHAN, BENJAMIN KOON PAN 3,018,205
CHAN, RAYMOND C. 2,882,791
CHANG, FRANK 2,940,207
CHANG, KEVIN C.Y. 2,962,928
CHANG, TSU-LING 2,838,721
CHANG, WEN-CHIEH 2,963,669
CHAOUKI, JAMAL 2,931,899
CHEICH, ROBERT 2,967,809
CHEN, CHEN 2,876,826
CHEN, XIAOLING 2,844,830
CHENG, WENTAO 2,947,093
CHENG, XINGQING 2,943,148
CHERNIKOV, FEDOR 2,998,609
CHESSON LABORATORY ASSOCIATES, INC. 2,912,538
CHESSON, JERRY S. 2,912,538
CHEVRON U.S.A. INC. 2,816,452
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,996,396
CHINEA SANTIAGO, GLAY 2,830,325
CHING, JESUS 2,912,883
CHIPROOT, AVI 2,858,717
CHISHOLM, BRIAN J. 2,880,798
CHOI, HYUNG-HO 2,960,944
CHOPRA, SUMAN 2,858,830

Index des brevets canadiens délivrés
10 septembre 2019

CHOUDHARY, BIBHU 2,788,131
CHOURASIA, LAXMIKANT 2,850,428
CIMPAX APS 2,834,591
CISEK, KEN 2,884,652
CJ CHEILJEDANG CORP. 2,975,374
CLARIANT FINANCE (BVI) LIMITED 2,828,127
CLARISSOU, YVES 2,867,870
CLARK, EMILY ROSETTE 2,965,338
CLARK, THOMAS R. 2,968,225
CLINE, JOHN B. 2,855,366
CNH INDUSTRIAL AMERICA LLC 2,812,585
CNH INDUSTRIAL AMERICA LLC 2,824,141
CNH INDUSTRIAL CANADA, LTD. 2,905,041
COBLE, BENJAMIN WORTH 2,962,928
COCANOUGHER, ALLEN; DECEASED 3,021,866
COCANOUGHER, ROBERT ALLEN 3,021,866
COCANOUGHER, ROBERT ALLEN; JR. 3,021,866
COETZEE, RUDOLPH 2,944,599
COGHLAN, EDMOND, III 2,889,612
COHEN, TODD J. 2,842,302
COLGATE-PALMOLIVE COMPANY 2,858,830
COLGATE-PALMOLIVE COMPANY 2,876,163
COLGATE-PALMOLIVE COMPANY 2,891,538
COLGATE-PALMOLIVE COMPANY 2,892,411
COLSON, WENDELL B. 2,948,904
COLYN, CHRISTOPHER MICHAEL 2,871,377
COMPAGNIE GERVAIS DANONE 2,800,770
CONNORA TECHNOLOGIES, INC. 2,819,759
CONNORS, MICHAEL J. 2,824,141
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC) 2,859,638
CONSOLI, LUCIANO 2,867,870
CONVATEC TECHNOLOGIES INC. 2,819,472
CONVATEC TECHNOLOGIES INC. 2,819,549
CONVATEC TECHNOLOGIES INC. 2,855,366
COOLEY, ADRIANE DIAN 2,962,928
COPROMEC DIE CASTING S.R.L. A SOCIO UNICO 2,838,549
CORBION BIOTECH, INC. 2,758,479
CORCORAN, LIAM 2,810,004
CORINEX COMMUNICATIONS CORP. 2,758,725
CORNING INCORPORATED 2,972,778
CORTEX MCP, INC. 2,934,873
COSWELL S.P.A. 2,825,063
COTE, BRADLEY R. 2,714,704
COUCHEY, BRIAN P. 2,977,140
COUNTLAB, INC. 2,754,274
COURCHAY, FLORENCE CATHERINE 2,970,603
COUSAERT, ERIK 2,870,322
COVENTYA, INC. 2,879,315
COWANS, JOHN QUENTIN 2,783,259
CRADIC, AMY B. 3,002,459
CRAIG, HAROLD W. 2,834,258
CRISMAN, ALEX V. 2,982,977
CROQUETTE, VINCENT 2,800,639
CROSBY, MARSHALL ROY 2,986,585
CROWE, MATTHEW 2,833,097
CRYOVAC, INC. 2,972,563
CUNKELMAN, JEFFREY W. 2,924,703
CURRIER, THOMAS F. 2,933,162
CUTLER, SEAN R. 2,750,991
D'HIVER, PHILIPPE 2,984,698
D2L CORPORATION 2,777,079
DA SILVEIRA, MARTHINUS WILLEM 2,846,236
DAGENAIS, RODERICK R. 2,986,585
DAIICHI SANKYO COMPANY, LIMITED 2,889,499
DAIICHI SANKYO COMPANY, LIMITED 2,958,246
DAIICHI SANKYO COMPANY, LIMITED 2,962,795
DAM, MATHEUS ADRIANUS 2,773,640
DANDAPURE, YOGENDRA V. 2,772,362
DANESHPANAH, MOHAMMAD MEHDI 2,785,405
DANFORTH, ANDREW 2,861,525
DANIEL, ALLAN 2,832,453
DAUGHTRIDGE, STUART 2,885,222
DAVOODI, FARANAK 2,947,816
DAVOUDI, FARHOOMAN 2,947,816
DAY, CORY D. 2,978,255
DAY, JONATHAN 2,728,284
DCL INTERNATIONAL INC. 2,955,362
DE BEERS UK LTD 2,788,068
DE HAAN, PHILIP DEREK EDUARD 2,801,141
DEANS, LARRY 2,887,063
DEARING, STEPHEN M. 3,002,459
DEBOER, JOHN 2,783,259
DEBRODY, ROBERT 2,835,280
DEBRUIN, JASON 2,944,158
DECKER, STEPHEN M. 2,758,479
DEERE & COMPANY 2,793,161
DEFRIES, ANDREW 2,750,991
DEJONCKHEERE, ELINE 2,816,912
DEKA PRODUCTS LIMITED PARTNERSHIP 2,787,660
DEL GAUDIO, LUCILLA 2,851,414
DELAVAL HOLDING AB 2,800,088
DELEPINE-LESOILLE, SYLVIE 2,860,251
DELGADO CASTILLO, JOSE MIGUEL 2,998,609
DELVENNE, JEAN-PAUL 2,876,163
DEMERS, RAIMOND 2,967,809
DEN BOER, JOHANNIS JOSEPHUS 2,839,212
DENG, XINGMING 2,848,726
DENMON, ANGELLI SUE 2,884,652
DENTSPLY INTERNATIONAL INC. 2,918,767
DESELM, LIZBETH CELESTE 2,844,830
DESHAIES, MARTIN 2,829,748
DESPOTELLIS, NEIL 2,838,757
DESTARAC, MATHIAS 2,852,104
DETNET SOUTH AFRICA (PTY) LTD 2,914,257
DEUTSCHES KREBSFORSCHUNGSZENTRUM (DKFZ) 2,817,331
DEVICOR MEDICAL PRODUCTS, INC. 2,834,258
DHONDT, JON J. 2,933,162
DI ZINNO, PAUL 3,021,200
DIAZ, MARCOS 3,007,799
DIEBEC MATRICES LTEE 3,033,927
DIETZEL, DANIEL 2,981,576
DIGITAL SOLID STATE PROPULSION, INC. 2,888,922
DIMARCHI, MARIA 2,728,284
DIMARCHI, RICHARD D. 2,728,284
DING, CHUNYONG 2,848,726
DING, FANG-YUAN 2,800,639
DINKEL, JEFF 2,926,551
DION, STEVEN 3,029,492
DISABATINO, BENJAMIN 2,793,161
DO, THAI 2,978,353
DO, THI N. 2,822,325
DODD, KATHRYN M. 2,834,258
DONATO, NICHOLAS J. 2,811,567
DONG, LIANG 2,996,396
DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED 2,991,178
DORN, JURGEN 2,970,877
DORSEY, JACK 2,812,594
DORSEY, ROBERT T. 2,884,652
DORSEY, ROBERT THOMAS 2,863,601
DOUGLAS, KATHERINE 2,772,362
DOW AGROSCIENCES LLC 2,842,696
DOW AGROSCIENCES LLC 2,845,331
DOWNIE, SIMON 2,873,943
DRAGOSTINOFF, NIKOLAUS 3,000,571
DREISBACH, RICHARD 2,835,280
DREW, TERRENCE M. 2,948,904
DREXEL UNIVERSITY 2,807,661
DSM IP ASSETS B.V. 2,489,982
DSM NUTRITIONAL PRODUCTS AG 2,874,379
DUAN, CHENLONG 2,996,396
DUDLEY, TIMOTHY A. 2,924,703
DUGOUA, JEAN-JACQUES 2,726,958
DUGUET, NICOLAS 2,947,523
DUNKEL, JORG 2,940,019
DUNN, WILLIAM 3,007,799
DUNN, WILLIAM R. 2,749,532
DUNSDON, JONATHAN MARK 2,781,029
DURSUN, SERKAN 2,931,597
DUWENIG, ELKE 2,771,253
DYAX CORP. 2,536,873
DYCK, BRIAN 2,809,830
DYGERT, DOUG 2,831,066

Index of Canadian Patents Issued
September 10, 2019

DYGERT, DOUGLAS 2,848,379
DYNAMIC SPINE, LLC 2,826,941
E.J. BROOKS COMPANY 2,835,280
EAGLEBURGMANN GERMANY GMBH & CO. KG 2,987,833
EAST CAROLINA UNIVERSITY 2,757,287
EASTEP, DAVID W. 2,832,453
EATON INTELLIGENT POWER LIMITED 2,838,265
ECOLAB INC. 2,839,818
ECOLE NORMALE SUPERIEURE 2,800,639
EDWARDS, CHRISTINA 2,815,775
EGELKRAUT, UDO 2,809,860
EHRET, TREVOR 2,831,726
EHRLICH, AVSHALOM 2,904,485
EICHENBERGER, MARTIN 2,884,217
EISAI R&D MANAGEMENT CO., LTD. 2,869,882
EISENHUT, ANDREAS 2,940,019
ELECTRIC MOTION COMPANY, INC. 2,997,765
ELECTRICAL COMPONENTS INTERNATIONAL, INC. 2,951,846
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,964,334
ELEMENT, RICHARD GERAINT 2,844,099
ELI LILLY AND COMPANY 2,924,516
ELLIOTT, JAMES E. 2,947,093
ELLIS, TIMOTHY PETER 2,860,448
ELLISON, ADAM JAMES 2,972,778
ELOFF, CORNELIA CAROLINA 2,834,015
EMMERLING, MARCEL 2,608,579
EMMERLING, MICHAEL 2,748,974
EMORY UNIVERSITY 2,816,022
EMORY UNIVERSITY 2,848,726
ENDRIES INTERNATIONAL INC. 2,987,752
ENDRIES, STEVEN 2,987,752
ENGELBRECHT, FREDERICK W. ANTON 2,986,585
ENI S.P.A. 2,851,414
EON SURGICAL LTD. 2,980,332
ETABLISSEMENTEN FRANZ COLRUYT 2,870,322
ETHICON ENDO-SURGERY, INC. 2,829,981
EVERITT, TIMOTHY 2,808,648
EVONIK DEGUSSA GMBH 2,811,532
EVONIK ROEHM GMBH 2,811,532
EXPRESS SCRIPTS, INC. 2,898,373
EXPRESSION PATHOLOGY, INC. 2,823,337
EXPRO METERS, INC. 2,711,625
EXTRU SA 2,821,247
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,947,093
F. HOFFMANN-LA ROCHE AG 2,904,256
F. HOFFMANN-LA ROCHE AG 2,945,612
FABRE, ADRIEN 2,888,110
FACEBOOK, INC. 3,017,827
FAIRBANK, JACK 2,812,966
FANG, FANG 3,028,933
FARELL, GREGORY WAGNER 2,953,904
FARIN, DANNY 2,980,332
FEFER, MICHAEL 2,836,757
FELDMAN, STEVEN B. 2,944,599
FELLNER, THOMAS 2,836,578
FENDLEY, PAUL 2,944,599
FERRARO, SIMONE 3,023,195
FEUSTEL, MICHAEL 2,828,127
FIELDING, WILLIAM R. 2,861,801
FIELDS, TODD 2,924,516
FIGUS, CHRISTOPHE 3,037,446
FIKE, GREGORY M. 2,820,729
FINALROD IP, LLC 2,844,641
FINDER, ZDENKA 2,981,942
FINJAN BLUE, INC. 2,777,434
FIRTH, ANDREA V. 2,927,291
FISCHER, EDWARD 2,987,752
FISHER, STEVE 2,876,163
FISHMAN, PNINA 2,880,753
FITCH, FRANK R. 2,823,635
FLEEGER, GEORGE 3,021,200
FLEEGER, JEREMY 3,021,200
FLIM, NATHANIEL DIRK 2,981,633
FLUID HANDLING LLC 2,935,762
FLUIDIGM CORPORATION 2,734,868
FMC CORPORATION 2,863,059
FMR LLC 2,937,342
FOJTIK, ANDREW J. 2,820,729
FOLCHINI, FERRANTE 2,972,563
FONTIJN, MARCEL 2,992,783
FORSELL, PETER 2,805,021
FORWARD, STEPHEN 2,986,399
FOURNIER, GERGORY 2,944,158
FRANKLIN, SCOTT 2,758,479
FRANZEN, ANDRE 2,839,212
FRASER, ROBERT W. 2,884,652
FREEMAN, ERNEST 2,917,679
FREEMAN, ROBERT 2,868,653
FREISSLE, PETER HELMUT FRANZ 2,942,550
FRENNE, MATTIAS 2,931,361
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,965,081
FRIDRICH, HEINZ 2,780,239
FRIEDRICH, STEVEN GEORGE 2,970,603
FRISBY, RAY 2,974,126
FUCHS, FLORIAN 2,817,331
FUCHS, MITCHELL HARVEY 2,960,976
FUJIBAYASHI, AKIRA 3,000,382
FUKUI, YUICHI 2,920,647
FUKUNAGA, TAKAYUKI 2,883,406
FUKUYA, SHUNSUKE 2,973,871
FURANIX TECHNOLOGIES B.V. 2,773,640
FUREY, MICHAEL 2,818,179
FURUSKOG, JOHAN 2,931,361
FURUYA, MAYUMI 2,889,499
FURUYA, YUJI 2,866,996
GAGLIARDI, JOSEPH R. 2,924,703
GALEAZZI, ANACLETO 2,972,563
GAMAGE, PUBUDU HASANKA 2,934,455
GAMBER, DAN 2,831,066
GAMBER, DAN 2,848,379
GANDOLFI, LISA R. 2,801,758
GANDOLFI, STEFANO 2,838,776
GANESH, THOTA 2,816,022
GAO, GUANGPING 2,833,905
GARAY PEREZ, HILDA ELISA 2,830,325
GAREAU, AMBER LYNN 2,874,379
GARG, SUNIL KUMAR 2,985,647
GARTER, BARB 2,768,659
GAUDET, PAUL J. 3,009,449
GE AVIATION SYSTEMS LIMITED 2,781,029
GEBAUER, PETER 2,945,612
GELLENS, RANDALL C. 2,746,751
GELLMAN, SAMUEL H. 2,740,873
GENERAL ELECTRIC COMPANY 2,785,405
GENERAL ELECTRIC COMPANY 2,845,493
GENERAL ELECTRIC COMPANY 2,850,428
GENERAL ELECTRIC COMPANY 2,965,338
GERLITZ, YONATAN 2,769,837
GERMAIN, MICHAEL J. 2,965,081
GERMAIN, OLIVIER R. 2,931,597
GERMANOVICH, LEONID 2,840,607
GERON, LAURENT 2,954,134
GERSTENBERGER, DIRK 2,931,361
GERSZBERG, IRWIN 2,960,976
GERSZBERG, IRWIN 2,977,034
GERSZBERG, IRWIN 2,981,865
GETZLAF, DONALD 2,859,813
GEWEHR, MARKUS 2,739,153
GHAEMMAGHAMI, SINA 2,742,298
GHANIME, GEORGE HANNA 2,845,493
GHOUL, CHERIF 2,966,854
GIARETTA, GERARDO 2,746,751
GIBSON, GEORGE A. 2,966,096
GIESECKE+DEVRIENT MOBILE SECURITY GMBH 2,946,337
GILAD-GILOR, DAVID 2,827,523
GILBERT, DANIEL 2,817,331
GISSLIN, LARS-AKE 2,818,739
GLADWIN, ROBERT JOHN 2,739,153
GLASCH, KEITH 2,917,679
GLEICH, THORSTEN 2,940,019
GLESSNER, JOSEPH 2,790,502
GLOBIG, MICHAEL 2,947,720
GLYNN, CHRISTOPHER 2,787,448
GODFREY, ALASTAIR 2,839,764
GOLCHERT, URSULA 2,811,532
GOLD, ADAM 2,751,564
GOLDBRECHT INC. 2,992,783
GOLDEN, PAM 2,804,635
GOLDMAN, ANTHONY R. 2,837,137
GOLFZON CO., LTD. 2,943,514
GOMBERT, FRANK OTTO 2,875,733
GONG, JING-SHYONG 2,980,797
GONZALEZ BLANCO, SONIA 2,830,325

Index des brevets canadiens délivrés
10 septembre 2019

GOOD, MICHAEL 2,837,222
GORSUCH, JASON E. 2,982,977
GOTSMANN, BERND W. 2,819,469
GOVARI, ASSAF 2,723,038
GOYAL, KULDIP K. 3,002,459
GOZLAN, CHARLOTTE 2,947,523
GPCP IP HOLDINGS LLC 2,820,729
GRAND ABYSS, LLC 2,840,607
GRANT, STRUAN 2,790,502
GRAUPE, MICHAEL 2,840,763
GRAY MANUFACTURING COMPANY, INC. 2,882,791
GRAY, DANIEL CURTIS 2,785,405
GRAY, LARRY B. 2,787,660
GRAYLIN, WILLIAM WANG 2,927,113
GREBER, MARTIN 2,870,046
GREEN, JOHN WILLIAM 2,849,074
GREENE, MARVIN I. 2,897,212
GREGORY, CHRISTOPHER 2,855,366
GREY, JONATHAN 2,809,830
GRIESMEIER, ROBERT 2,946,337
GRIFFITH UNIVERSITY 2,837,222
GRIJPMA, DIRK WYBE 2,853,213
GROMPONE, GIANFRANCO 2,800,770
GROTEN, ROBERT 2,940,019
GRUBER, JACK 2,833,721
GRUBER, LLC 2,833,721
GRUTER, GERARDUS JOHANNES MARIA 2,773,640
GRYNAEUS, PETER 2,940,026
GU, GUIJIANG 2,961,678
GU, JAMES J. 2,935,762
GU, SHIQUN 2,937,552
GUALA, GIANNI 2,837,520
GUERRERO, JUAN A. 2,840,763
GUHRING KG 2,971,628
GULBRANDSEN, PEDER J. 2,847,981
GULBRANDSEN, PEDER J. 2,898,911
GUMINY, SCOTT M. 2,791,771
GUNDERSON, KEVIN L. 2,898,525
GUNN, EUEN THOMAS GRAHAM EKMAN 2,801,758
GUO, YONGJUN 2,973,905
GUPTA, KARAN 2,851,200
GUPTE, ANUP A. 2,916,011
GUSS, THEODORE 2,848,379
GUSTAV, THORSTEN 2,840,863
GUZMAN, JESSICA 2,974,126
GYSLING, DANIEL L. 2,711,625
HA, TAE-YOUNG 2,960,944
HADDAD, GEORGE 2,840,365
HAINES, RODERICK ANDREW 2,791,151
HAKONARSON, HAKON 2,790,502
HALBLANDER, ANTON 2,811,532
HALFORD, BEN 2,843,662
HALL, RONALD H. 2,792,087
HALLIBURTON ENERGY SERVICES, INC. 2,934,455
HALLIBURTON ENERGY SERVICES, INC. 2,954,269
HALLIBURTON ENERGY SERVICES, INC. 2,966,698
HALLIBURTON ENERGY SERVICES, INC. 2,973,058
HALLIBURTON ENERGY SERVICES, INC. 2,976,097
HALLMAN, DARREN LEE 2,845,493
HANDE, PRASHANTH 2,746,751
HANDY & HARMAN 2,877,730
HANNA, GEORGE S. 2,983,246
HANNECART, VINCENT 2,817,480
HARDING, KEVIN GEORGE 2,785,405
HARDING, SUSAN P. 2,794,019
HARKLEROAD, WILLIAM 3,021,200
HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED 2,941,646
HARRASS, MICHAEL 2,969,481
HARRO HOEFLIGER VERPACKUNGSMASCHINEN GMBH 2,809,860
HARTMANN, RICHARD, JR. 2,921,467
HARVEY, ALEX J. 2,796,607
HASHIMOTO, KEIJI 2,984,739
HASLINGER, ISABELLA 2,822,114
HAUBE, RICHARD 2,831,726
HAUGER, RUDOLF 2,840,863
HAUGSETER, BJORN 2,841,845
HAUK, TOBIAS 2,870,942
HAUSMANN, JUERGEN 2,815,727
HAWIE, EDUARDO 2,776,123
HAWIG, YUHSIN 2,832,453
HAWS, JAMES D. 2,792,160
HAYASHI, MASAKI 2,958,246
HAYET, JEFF 2,818,179
HAYWARD INDUSTRIES, INC. 2,885,873
HAYWARD INDUSTRIES, INC. 2,944,158
HE, HAIYING 3,004,147
HEART RESEARCH INSTITUTE LTD 2,960,408
HEBERT, CHRISTIAN 3,029,492
HEE SOLAR, L.L.C. 2,999,939
HEE, ALLAN GEORGE 2,816,452
HEFFNER, JOHN ANDREW 2,851,054
HEI, JAMIE 2,825,868
HEID, OLIVER 2,788,617
HEINDL, DIETER 2,945,612
HEISKANEN, ISTO 2,851,385
HEMBROUGH, TODD 2,823,337
HENDERSHOT, D. GREG 2,783,234
HENNECKE, FRANK 2,608,579
HENRY, PAUL SHALA 2,977,034
HENRY, PAUL SHALA 2,981,865
HERRERO, MARIA PILAR 2,809,641
HERRINGTON, FREDERICK 3,029,408
HESS, MICHEL 2,842,919
HEXAGON TECHNOLOGY AS 3,021,532
HICKIE, BRIAN ANDREW 2,953,904
HIGGINS, ROBERT 2,837,671
HIGHLIFE SAS 2,984,698
HILL, COLIN KENNETH 2,996,151
HILL, PETER FRANK 2,899,421
HILL, WIELAND 2,939,704
HILL-ROM SERVICES PTE LIMITED 2,944,687
HINZ, MICHAEL 2,808,648
HINZ, WILLIAM 2,808,648
HIRAKAWA, NOBUHIKO 2,943,941
HIRSCH, JOACHIM 2,917,679
HIRSCH, MICHAEL 2,817,119
HO, ALAN PAK-LUN 2,800,504
HOCHREIN, HUBERTUS 2,815,727
HODGES, JOSHUA 3,029,408
HODGKINSON, GERALD 2,790,743
HOLLAND, CHRISTOPHER 2,834,366
HOLLANDS, HEIDI 2,868,653
HOLLEY, ROBERT D. 2,933,162
HOLLOWAY, DAVID CARR 2,838,265
HOLMES, CHRISTOPHER J. 2,953,254
HONEYWELL ASCA INC. 2,863,711
HONEYWELL INTERNATIONAL INC. 2,876,826
HOOD, KARYN 2,726,958
HORNE, WILLIAM S. 2,740,873
HORVATH, JOSHUA 2,751,564
HOSKINS, SHANE 2,986,399
HOUSSAYE, LAURENT 2,853,190
HOWARD, PHILIP WILSON 2,850,103
HOYLE, GARY CHARLES 2,873,031
HU, DAVID HSIANG 2,912,883
HU, LINJIE 2,955,362
HUANG, ENYANG 2,927,113
HUANG, GLENN T. 2,838,289
HUANG, JINYU 2,940,207
HUANG, SHAN 2,861,525
HUANG, WEI 2,947,720
HUANG, XIAO YI 2,891,538
HUAWEI TECHNOLOGIES CO., LTD. 2,894,623
HUAWEI TECHNOLOGIES CO., LTD. 2,914,434
HUAWEI TECHNOLOGIES CO., LTD. 2,943,148
HUAWEI TECHNOLOGIES CO., LTD. 2,946,630
HUAWEI TECHNOLOGIES CO., LTD. 2,974,501
HUBBARD, STEVE 2,945,703
HUBBELL INCORPORATED 2,985,111
HUBER, ROBERT 2,835,267
HUBERTUS, CALS 2,967,809
HUCK, BAYARD R. 2,844,830
HUEBNER, ANSGAR 2,981,576
HUGHES, TIMOTHY 2,788,617
HUNGENBERG, HEIKE 2,819,270
HUNSTABLE, FRED E. 2,814,530
HUNT DU VALL, STACY 2,945,612
HUNTER DOUGLAS INC. 2,827,316
HUNTER DOUGLAS INC. 2,948,904
HUNTER, SCOTT 2,797,081
HUNTSMAN INTERNATIONAL LLC 2,837,333
HUSKOWSKA, TERESA 2,914,307
HUSKOWSKA, TERESA 2,914,309
HYDROPRO, INC. 2,778,575
HYUNDAI PHARM CO., LTD. 2,960,944
I.R.C.A. S.P.A. INDUSTRIA RESISTENZE CORAZZATE E AFFINI 2,846,473
IANNONE, MICHELE 2,885,833
IBERT, MATHIAS 2,843,687

Index of Canadian Patents Issued
September 10, 2019

IBM CANADA LIMITED - IBM CANADA LIMITEE 2,756,839
IBM CANADA LIMITED - IBM CANADA LIMITEE 2,789,909
IBM CANADA LIMITED - IBM CANADA LIMITEE 2,791,771
IBM CANADA LIMITED - IBM CANADA LIMITEE 2,794,154
IBM CANADA LIMITED - IBM CANADA LIMITEE 2,796,502
ICESUN VACUUM GLASS LTD. 2,966,027
ICHINO, YUSUKE 2,969,824
ICON BIOSCIENCE, INC. 2,838,289
IKEDA, KAZUHITO 2,814,828
ILAG, LEODEVICO LUNA 2,860,448
ILLUMINA, INC. 2,898,525
IMPERIAL OIL RESOURCES LIMITED 2,837,646
IMPLANTICA PATENT LTD. 2,805,021
INAGAKI, NORIAKI 2,866,996
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,728,284
INDUSTRIE BORLA S.P.A. 2,837,520
INDUSTRIE DE NORA S.P.A. 2,845,675
INGOLIA, NICHOLAS 2,742,298
INOLIFE R&D INC. 3,029,492
INOUE, FUTOSHI 2,993,426
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 2,865,561
INTERCEPT PHARMACEUTICALS, INC. 2,928,178
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,817,119
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,819,469
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,851,200
INTERNATIONAL PAPER COMPANY 3,011,210
INTERNATIONAL PAPER COMPANY 3,026,127
INUI, MASAHARU 2,962,795
ION GEOPHYSICAL CORPORATION 2,924,703
IONESCU, PAUL 2,777,434
IONESCU, PAUL 2,789,909
IRWIN, MICHAEL D. 2,999,939
ISAACSON, PHILIP O. 2,834,366
ISENBERG, JEFFREY S. 2,869,913
ISHINO SEISAKUSHO CO., LTD. 2,972,857
ISHINO, HARUKI 2,972,857
ISHIYAMA, TAKEO 2,814,828
ITC INCORPORATED 2,921,467
ITM POWER (RESEARCH) LIMITED 2,796,031
ITRON GLOBAL SARL 2,869,150
IZUMI, MASANORI 2,962,795
IZUN PHARMACEUTICALS, INC. 3,000,497
JACKSON, JONATHAN FLETCHER 2,899,683
JACTAT, PAUL-ETIENNE 2,849,413
JAIPAUL, LARRY M. 2,882,791
JAKOBSEN, JAN BORGE 2,841,845
JAMIESON, BARBARA 2,849,988
JAQUIER, PIERRE 2,825,868
JARVIS PRODUCTS CORPORATION 3,024,414
JEFFREY, SCOTT 2,850,103
JELLEY, SIMON PHILIP 2,791,151
JEUDI, CHRISTOPHE 2,817,480
JFE STEEL CORPORATION 2,883,406
JIN, XIAOMING 2,918,767
JIN, YAFEI 2,811,567
JIN, YUN 2,855,366
JOHNS MANVILLE 2,795,935
JOHNSON & JOHNSON CONSUMER COMPANIES, INC. 2,801,758
JOHNSON MATTHEY PLC 2,849,988
JOHNSON MATTHEY PLC. 2,806,004
JOHNSON, CHAD M. 2,824,141
JOHNSON, LISA M. 2,740,873
JOHNSON, ROBERT C. 2,818,179
JOHNSON, TIMOTHY L. 2,834,366
JOINSON, DANIEL 2,839,212
JONCA, MICHAEL 2,969,481
JONES, ARTHUR 3,024,414
JONES, BRYANT AUSTIN 2,834,366
JONES, CHRISTOPHER CHARLES VICTOR 2,844,830
JONES, TRENT 3,024,414
JOPLIN, JONATHAN W. 2,898,373
JOWETT, GORDON 2,812,966
JUSHI GROUP CO., LTD. 2,961,678
KABIR, MOHAMMED A. 2,804,635
KAIN, ROBERT C. 2,898,525
KALAFSKY, ROBERT E. 2,822,325
KALKMAN, PIETER 2,783,814
KAMAL, ASHFAQ 2,945,703
KAMEN, DEAN 2,787,660
KAMPMANN, MARTIN 2,808,944
KANNAN, GUNASEKARAN 2,830,254
KANNO, DAISUKE 2,984,739
KAO, CHEN I. 2,772,362
KAPOOR, DHARMESH S. 2,868,653
KAPSCH TRAFFICCOM AG 2,785,515
KARANDIKAR, HARSHAVARDHAN M. 2,832,820
KARG, SIEGFRIED FRIEDRICH 2,819,469
KASSAI, KOUJI 2,866,996
KATAYAMA, TAIKI 2,878,938
KATAYAMA, TSUTAKI 2,967,753
KATO, HIDEYUKI 2,844,906
KAUR, SUKHBIR 2,869,913
KELLAR, KENNETH EDMUND 2,815,775
KELLEHER, STEPHEN D. 2,861,801
KELLEY, CALEB 2,974,126
KELLOGG COMPANY 2,768,659
KELSEN, MICHAEL S. 2,861,525
KERR, CAROLYN 2,933,162
KERWIN, JOHN M. 2,787,660
KHRENOV, VICTOR 2,811,532
KHURANA, TARUN 2,898,525
KICZENSKI, TIMOTHY JAMES 2,972,778
KIIVER, EGLE 2,981,576
KIM, DAEHOON 2,960,944
KIM, HEUNG-MOOK 2,964,334
KIM, JAE HYUN 2,960,944
KIM, JIN WOONG 2,960,944
KING, SIMON JEREMY 2,868,804
KITANO, HIROFUMI 2,878,938
KITAZATO CORPORATION 2,993,426
KLEE, JOACHIM E. 2,918,767
KLEIDER, WILHELM 2,904,256
KNAPP, RYAN W. 2,897,863
KNITTEL, JEFFREY 2,699,218
KNOTTS, NATHAN 2,816,452
KOBAYASHI, KENJI 2,954,481
KOCH, CORINNA 2,817,331
KOELMAN, JOHANNES MARIA VIANNEY ANTONIUS 2,839,212
KOHNHORST, LOIS L. 2,834,258
KOLLE, STIG-FREDERIK TROJAHN 2,916,389
KOLTISKO, BERNARD 2,918,767
KONDO, TAKASHI 2,984,739
KORCHOUNOV, ALEXANDRE 2,835,249
KORTAGERE, SANDHYA 2,807,661
KOUSAKA, HIROYUKI 2,973,871
KOVACH, JOSEPH E. 2,827,316
KOWALSKI, VINCENT JOSEPH 2,868,804
KOZLOSKI, EDWARD 2,833,721
KRAFT FOODS GROUP BRANDS LLC 2,801,321
KRAFT FOODS R & D, INC. 2,840,863
KRAFT FOODS R & D, INC. 2,845,736
KRAMER, HANS-DIETER 2,904,256
KRATON CHEMICAL, LLC 2,953,254
KRATOS INTEGRAL HOLDINGS, LLC 2,885,222
KRAUSZ INDUSTRIES LTD. 2,858,717
KRCIL, JIRI 2,938,216
KRESSMANN, FRANK 2,981,576
KRIZMAN, DAVID B. 2,823,337
KROLAK, ADAM 2,863,711
KRULL, MATTHIAS 2,828,127
KRUTH, ROBERT P. 2,829,981
KUBO, SHIGERU 2,972,857
KUHAR, GENE 2,848,379
KUHN, JOSEF MARTIN 2,771,253
KULES, KRISTOPHER A. 2,820,729
KULKARNI, MOHAN G. 2,947,093
KULKARNI, SANDEEP D. 2,934,455
KUNZ, HOLGER 2,806,004
KUROS BIOSCIENCES AG 2,608,579
KUZHIKANDAHIL, ELDO V. 2,807,661
KWON, SUN-HYOUNG 2,964,334
KWONG, TUNG CHUEN 3,018,205
KYSOR WARREN EPTA US CORPORATION 2,848,278

Index des brevets canadiens délivrés
10 septembre 2019

L'HERAULT, PATRICK 2,963,961
L3 COMMERCIAL TRAINING SOLUTIONS LIMITED 2,835,086
LA TROBE UNIVERSITY 2,837,222
LA-Z-BOY INCORPORATED 2,977,024
LABARBERA, BRAD 2,932,469
LABASTIDA-SANCHEZ, FERNANDO 2,879,123
LABEQUE, REGINE 2,970,603
LABINAL, LLC 2,837,213
LABLANC, ALYSSA LYNN 2,973,058
LABLANC, BENJAMIN EDWARD 2,973,058
LABPLAS INC. 2,813,065
LADNER, ROBERT CHARLES 2,536,873
LAFOND, DANIELLE 2,813,065
LAGRANGE, TIMOTHY E. 2,978,255
LAHEY, KEVIN C. 2,801,758
LAITINEN, RISTO 2,851,385
LAM, FUNG U. 2,833,097
LAMBERT, DALE 2,924,703
LAMBERT, PIERRE 2,876,163
LAMBERTZ, BODO 2,837,260
LAMBETH, JOHN DAVID 2,816,022
LAMETSCHWANDTNER, GUNTHER 2,822,114
LAN, RUOXI 2,844,830
LANCASTER, MARK 2,832,453
LANDMARK GRAPHICS CORPORATION 2,931,597
LANDMARK GRAPHICS CORPORATION 2,975,437
LANDRY, PIERRE 2,829,748
LANIER, GREGORY R., JR. 2,787,660
LANXESS BUTYL PTE. LTD. 2,900,822
LAPLANTE, JEAN M. 2,879,315
LARDELLI, SILVIO 2,842,919
LARTIGUE, NORBERT 2,888,110
LASSO TECHNIK AG 2,857,612
LAUKKANEN, ANTTI 2,815,276
LAUREN, PATRICK 2,815,276
LAVIN, EDWARD F. 2,839,762
LAW, HENRY HING 3,018,205
LAYDON COMPOSITES LTD. 2,792,160
LAYFIELD, BRIAN P. 2,792,160
LEBRUSQ, PASCAL 2,849,413
LECUIVRE, JULIE 2,858,000
LEDERER, ALEXANDER 2,875,733
LEE, DAVID M. 2,970,603
LEE, HAN KYU 2,960,944
LEE, JAE-YOUNG 2,964,334
LEE, JI HYE 2,975,374
LEE, KYU HWAN 2,960,944
LEE, MOSES 2,837,222
LEE, PHILLIP YOU FAI 2,912,883
LEE, RON C. 2,790,474
LEE, SEUNG BIN 2,975,374
LEGRAIN-RASPAUD, SOPHIE 2,800,770
LEHMANN, KATHRIN 2,811,532
LEMAIRE, MARC 2,947,523
LEMONIS, SISSIMOS 2,963,020
LENNOX INDUSTRIES INC. 2,879,310
LESAFFRE ET COMPAGNIE 2,878,881
LESIC, BILIANA 2,800,770
LEVALLOIS, FRANCK 3,037,446
LEVINE, WILLIAM ZEV 3,000,497
LEWIS, GEORGE 3,029,408
LEY, ARTHUR C. 2,536,873
LEY, DAVID J. 2,975,621
LI, JIE 2,783,862
LI, WENQUAN 2,954,269
LI, XIAOLIN 3,004,147
LI, XU 2,974,501
LI, ZONGBIN 3,004,147
LIANG, BO 2,819,759
LIANG, GUOXIAN 2,806,004
LIAO, DEFU 2,946,630
LIBERT, CLAUDE 2,816,912
LIFECELL CORPORATION 2,807,833
LIFFRING, MARK E. 2,933,162
LILLIS, BARRY 2,812,966
LIM, BO-MI 2,964,334
LIN, MEIXIN 2,946,630
LINDE AKTIENGESELLSCHAFT 2,790,474
LINDE AKTIENGESELLSCHAFT 2,823,635
LINEAR LABS, INC. 2,814,530
LIPINSKI, JOHN 2,778,527
LIPKA, MARTIN 2,642,666
LITTLEFIELD, JEFFREY V. 2,792,160
LIU, JUN 2,836,757
LIU, KUAN 2,973,905
LIU, MIKE 2,807,833
LIU, XIAOQI 2,984,745
LIU, YI 2,846,039
LIU, ZHI 2,830,254
LOCATOR IP, LP 2,594,001
LOGEMANN, JUERGEN 2,739,153
LOGUT, DANIEL 3,037,446
LOHR, IVO 2,981,942
LOIBNER, HANS 2,822,114
LONG, JEFFREY KEITH 2,863,059
LONG, JUN 2,986,399
LONG, YAN 2,758,725
LONGO, DEIRDRE S. 2,796,502
LONZA WALKERSVILLE INC. 2,836,578
LOOZE, EMILY 2,815,775
LOPEZ ABAD, CRUZ MATILDE 2,830,325
LOPEZ MOLA, ERNESTO 2,830,325
LORENZ, GUENTHER 2,807,172
LOU, YANRU 2,815,276
LOVELACE, JEROME 2,999,939
LOWE'S COMPANIES, INC. 2,962,928
LOYALL, LINDA PATRICIA 2,771,253
LU, HUI 2,918,767
LU, JUNYU 2,996,396
LU, YAFAN 2,840,763
LUDICK, WILFRED 2,928,902
LULULEMON ATHLETICA CANADA INC. 2,772,362
LUMENS, PAUL GERARD EDMOND 2,839,212
LUMINEX CORPORATION 2,912,883
LUMIRADX UK LIMITED 3,009,449
LUMMUS TECHNOLOGY INC. 2,897,212
LUNDBERG, GEORGE 2,835,280
LUO, PINGYA 2,973,905
LUO, TAO 2,911,397
LURTON, N. EVAN 2,933,162
LUTZ HOLDING GMBH 2,984,351
LUTZ, HEINZ E. 2,984,351
LUX, KIRSTEN 3,000,571
LYNCH, WENDELL 2,754,760
MA, YIPING 2,872,962
MACDONALD, GRANT T. 2,824,141
MACK, MARY CATHERINE 2,801,758
MACLEAN, JOHN EDGAR 3,009,449
MACPHERSON, JACK A. 2,884,652
MACTON CORPORATION 2,897,863
MAEDA, MAKOTO 2,866,996
MAEDA, SHIGERU 2,983,572
MAHENDRAN, ARUNGUNDRAM C. 2,746,751
MAHER, TIMOTHY K. 2,810,004
MAINAUD, BASTIEN 2,869,150
MALLADI, DURGA PRASAD 2,911,397
MANAHAN, JOSEPH MICHAEL 2,838,265
MANDADI, PRAKASARAO 2,858,830
MANI, MEHDI 2,869,150
MANIS, ANTONIOS 2,811,532
MANN, HARPARTAP 2,914,307
MANN, HARPARTAP 2,914,309
MANN, RICHARD K. 2,845,331
MANNEBACH, GERD 2,967,717
MANNIE, MARK D. 2,757,287
MANOSAS, MARIA 2,800,639
MANSHIP, TIM 2,888,922
MANUFACTURING RESOURCES INTERNATIONAL, INC. 2,749,532
MANUFACTURING RESOURCES INTERNATIONAL, INC. 3,007,799
MAO, YONG 2,807,833
MARCH, PETER RAYMOND 2,839,323
MARCHAL, FREDERIC ANDRE 2,796,031
MARCHILDON, LOUIS-FREDERIC 2,963,961
MARCOTTE, BRIAN W. G. 2,996,151
MARCZINKE, BERND LOTHAR 2,967,717
MARGELEFSKY, ERIC L. 2,810,004
MARMOR, ROBERT S. 2,849,988
MARTIN, ETHAN 2,894,543
MARTINEZ DIAZ, EDUARDO 2,830,325
MARX, BENJAMIN 2,939,704
MASKEY, RAJENDRA-PRASAD 2,817,331
MASSA, MICHAEL 2,944,158
MASTERCARD INTERNATIONAL INCORPORATED 2,945,703
MASTERS, ROBERT 2,819,270
MASUDA, TSUYOSHI 2,867,096
MATSUO, TSUYOSHI 2,889,499
MAVRIDIS, HARILAOS 2,967,717
MAYO, PHILIPPE 3,037,446
MAYOR, LAETITIA 2,825,868

Index of Canadian Patents Issued
September 10, 2019

MCCLURE, JASON 2,861,196
MCCONNELL, JONATHAN JAMES 2,975,572
MCCORMICK, JAMES MICHAEL 2,837,213
MCDONOUGH, JOHN C. 2,937,342
MCGARRY, STEVEN PAUL 2,927,291
MCGOWAN, NEIL 2,846,236
MCINTOSH, DEVON R. 2,835,138
MCKELVEY, JAMES M. 2,812,594
MCMAHON, BRIAN 2,812,585
MCMASTERS, BRENDAN 2,837,671
MCNAUGHT, DANIEL PAUL 2,951,846
MCNEVIN, MICHAEL 2,810,004
MCPHERSON, MICHAEL D. 2,888,922
MEDIMMUNE LIMITED 2,850,103
MEDTRONIC XOMED, INC. 2,825,868
MEERSSCHAERT, REINHARD 2,848,456
MEIER, GERHARDUS 2,967,717
MEISINGER-HENSCHEL, CHRISTINE 2,815,727
MELLER, MIKA 2,783,862
MELLO, SARITA 2,876,163
MENEZ, LUDIVINE 2,817,480
MENICON SINGAPORE PTE LTD. 2,852,872
MENON, DEEPAK ACHUTHAN 2,788,131
MERCK PATENT GMBH 2,844,830
MERCKX, KOEN 2,870,322
MESCHER, PATRICK A. 2,834,258
METAWATER CO., LTD. 2,866,996
MICROSOFT TECHNOLOGY LICENSING, LLC 2,788,131
MICROSOFT TECHNOLOGY LICENSING, LLC 2,795,183
MIELCZAREK, KAMIL 2,999,939
MILLAR, WILLIAM JAMES TREVOR 2,975,572
MILLS, PATRICK WELLINGTON 2,837,213
MILSTEIN, OREN 2,835,601
MINCHAU, KEN 2,866,017
MINIMAX GMBH & CO. KG 2,971,269
MINOIS, ANTOINE 2,947,093
MINTO, CHRISTOPHER 2,839,764
MINUTEMAN INTERNATIONAL, INC. 2,894,543
MIR, ALAIN 2,734,868
MIRMOVITCH, GIL 2,789,909
MISCHLICH, ANDREAS 2,811,532
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,983,572
MITSUI, KEIKO 2,689,268
MIURA, SHINICHI 2,969,824
MIYAZAKI, SHOJIRO 2,962,795
MIZUKOSHI, TAKASHI 2,973,871
MOCK, ROBERT 2,801,795
MOLCHAN, JAMES EDWARD 2,768,659
MONAHAN, DAVID P. 3,009,449
MONDRO, JASON 2,709,192
MONSANTO TECHNOLOGY LLC 2,914,307
MONSANTO TECHNOLOGY LLC 2,914,309
MONTENA, NOAH 2,831,726
MOONEY, BRIAN FRANCIS 2,846,281
MOORE, KYLE P. 2,834,258
MORIARTY, CHRISTOPHER J. 2,837,333
MORIOKA, MASANARI 2,920,647
MORIYAMA, YUJI 2,973,871
MORRIS, STEPHANIE LYNN 2,972,778
MORRISON, SEAN M. 3,026,127
MOTOOKA, KUNIHIKO 2,972,857
MOTOROLA SOLUTIONS, INC. 2,975,621
MOTOROLA SOLUTIONS, INC. 2,983,246
MOZDZIERZ, PATRICK 2,790,900
MUELLER, FRANK 2,981,576
MUELLER, MICHAEL JONATHAN 2,800,504
MUKHERJEE, UJJAL K. 2,897,212
MUMAW, DANIEL J. 2,834,258
MUNGER, ERIC 2,866,017
MUNOZ DE DIEGO, CESAR 2,773,640
MURAYAMA, NORIHITO 2,889,499
MURDOCH, LAWRENCE C. 2,840,607
MURPHY, JOHN MURDOCK 2,825,868
MURPHY, KATHRYN F. 2,966,854
MURPHY, THOMAS 2,976,097
MURPHY, TIMOTHY A. 2,818,752
MURRAY & POOLE ENTERPRISES, LTD. 2,894,417
MY CORE CONTROL, LLC 2,839,762
NAGARAJAN, SIVAKUMAR 2,800,504
NAGAYAMA, YOSHIAKI 2,977,927
NAGY, OLIVER 2,785,515
NAIK, MANOJ P. 2,851,200
NAKANISHI, YOSHIKAZU 2,816,499
NAKHRE, TUSHAR 2,861,525
NAN, FANG 2,943,148
NASR, MALEK 2,984,698
NATHANSON, BRIAN H. 2,965,081
NATURAL ART RESEARCH INSTITUTE, LTD. 2,993,426
NAU, STEFAN 2,811,532
NCS MULTISTAGE INC. 2,859,813
NEAGU, CONSTANTIN 2,844,830
NEC CORPORATION 2,967,243
NELSON, SHERRI M. 2,832,453
NEREUS SAS 2,911,654
NEUVILLE, SCOTT E. 2,912,538
NEWGY INDUSTRIES, INC. 2,941,607
NEWHOUSE, NORMAN L. 3,021,532
NEWMAN, JOHN 2,742,298
NEWMAN, STEPHEN D. 2,852,872
NEWTOPIA INC. 2,726,958
NEXUS CONTROL SYSTEMS, LLC 2,842,302
NG, MARTIN K. C. 2,960,408
NGUYEN, HUAN 2,887,063
NGUYEN, VIET-HUNG 2,869,150
NICHOLSON-COLE, HENRY 2,835,086
NIDORF, MARK 2,894,417
NIE, YING 2,836,578
NIGUL, LEHO 2,791,771
NII, SHINSUKE 2,970,603
NIKOOYEH, KASRA 2,995,532
NISHIKAWA, YUSUKE 2,867,096
NISHIMURA, HIDETAKA 2,954,481
NISSAN CHEMICAL INDUSTRIES, LTD. 2,973,871
NISSAN MOTOR CO., LTD. 2,954,481
NISSAN MOTOR CO., LTD. 2,973,111
NISSAN MOTOR CO., LTD. 2,994,652
NISSAN MOTOR CO., LTD. 3,028,933
NKT PHOTONICS GMBH 2,939,704
NODA, KUNIAKI 3,028,933
NOELS, CAREN 2,870,322
NONIN MEDICAL, INC. 2,834,366
NONN, DAVID J. 2,801,321
NORRIS, LESILE M. 2,758,479
NORTMEYER, CHRISTINE 2,945,612
NOV WORLDWIDE C.V. 2,714,704
NOV-BLM 2,858,942
NOVARTIS AG 2,940,207
NOVARTIS AG 2,963,020
NOVOMATIC AG 2,780,239
NOVOZYMES BIOLOGICALS, INC. 2,815,775
NOWACZYK, PAUL 2,768,659
NTT DOCOMO, INC. 3,000,382
NTT DOCOMO, INC. 3,000,726
NTT DOCOMO, INC. 3,000,728
NTT DOCOMO, INC. 3,011,241
NUCOR CORPORATION 2,802,913
NUERK, RUEDIGER UWE 2,998,609
NUOVO PIGNONE S.P.A. 2,798,261
NUSPL, GERHARD 2,806,004
NUSSBAUM, GABRIEL 3,000,497
NYBERG, ANDERS 2,800,088
O'CONNOR, MEGAN A. 2,829,981
O'RIORDAN, MARY XUAN DZIEM 2,811,567
OBI, YOSITOSI 2,969,824
OBRECHT, DANIEL 2,875,733
OEFNER, CHRISTIAN 2,875,733
OGIHARA, HIROSHI 2,844,906
OHLENBUSCH, NORBERT 3,009,449
OHNO, KOHSUKE 2,943,941
OLDHAM, ROBERT 3,037,446
OLIVE, GRAHAM 2,835,086
OLIVER, STEVEN R. 3,009,449
OLLIVIER, JEAN-FRANCOIS 2,984,698
OLSEN, ANN-MARIE 2,897,212
OLSON, LEE ANN 2,790,900
ONG, ENG KOK 2,748,974
ONOZAWA, TORU 2,977,927
ONTUMI, DENNIS 2,858,830
ONUT, IOSIF VIOREL 2,777,434
ONUT, IOSIF VIOREL 2,789,909
OPHAUG, ARVID 2,867,078
OPPENHEIMER, GORDON D. 2,837,333
OPPENHEIMER, JOSSIAN 2,842,696
OPTASENSE HOLDINGS LIMITED 2,839,764
ORELL FUSSLI SICHERHEITSDRUCK AG 2,884,217
ORGAN TECHNOLOGIES, INC. 2,863,803
OSBORNE, CHARLES AGNEW, JR. 2,838,721
OSHIMA, MASAMITSU 2,863,803
OTSUKA, YUHEI 2,844,906
OUYANG, LI 2,876,826

Index des brevets canadiens délivrés
10 septembre 2019

OVAYUAK, KELLY 2,828,664
OVERSTREET, LARRY 2,815,775
OWEN OIL TOOLS LP 2,978,255
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,783,234
OWENS, RICK T. 2,807,833
OWENS-BROCKWAY GLASS CONTAINER INC. 2,880,798
OZAWA, HITOSHI 2,867,096
P. KALKMAN WADDINXVEEN BEHEER B.V. 2,783,814
PAETZ-LAUTER, KARL 2,783,862
PAI, SURESH 2,932,469
PAN, LONG 2,892,411
PANDEY, ANJALI 2,810,004
PANG, ALAN 2,812,966
PAPROSKI, RICHARD 2,981,633
PARANDOOSH, SHOREH 2,813,065
PARK, HYUN JIN 2,943,514
PARK, SANG-YOUL 2,750,991
PARK, SUNG-IK 2,964,334
PARKER, DENNIS C. 2,944,599
PASTINE, STEFAN J. 2,819,759
PATEL, ATISH JAYANTILAL 2,788,131
PATEL, HIMESH A. 3,002,459
PATEL, PRADIPKUMAR B. 2,935,762
PATEL, YOGESH POPATLAL 2,814,326
PATTERSON, JAMES 2,728,284
PATTON, GEORGE 2,978,255
PAULSEN, MARK R. 2,847,981
PAULSEN, MARK R. 2,898,911
PAUZE, MARTIN 2,829,748
PAVEMENT SURFACE COATINGS, LLC 2,788,644
PEABODY GOODALL, DAVID, III 3,009,449
PEARCE, JEREMIAH GLEN 2,839,212
PEHL, ANDREAS 2,987,833
PEI, YAZHONG 2,809,830
PELLICCIARI, ROBERTO 2,928,178
PENG, SHUO 2,846,039
PEREIRA, DAVID E. 2,793,884
PEREZ-SANCHEZ, ALFONSO 2,879,123
PERRY, JEFFREY WILLIAM 2,811,567
PERUSSE, LOUIS 2,726,958
PETERLE, MICHELE 2,846,473
PETERSON, DAVID W. 2,965,081
PEYTON, JOHN THOMAS, JR. 2,777,434
PFANNER SCHUTZBEKLEIDUNG GMBH 2,870,046
PFANNER, ANTON 2,870,046
PFEFFER, HOWARD 2,861,525
PFRUENDER, HOLGER 2,608,579
PHERON, XAVIER 2,860,251
PHILLIPS, WILLIAM 2,818,227
PICARD, FRANCOIS 2,931,899
PIECHOCKI, JOHN 2,758,479
PINKERTON, ANTHONY 2,962,795
PITARD, BRUNO 2,865,561
PITTMAN, SHARON ANN SPURVEY 2,874,379
PLANK, NICOLE 3,000,571
PLANTE, JAMES 2,632,685
PLYMOUTH HOSPITALS NHS TRUST 2,868,653
POHL, MATTHIAS 2,971,269
POLYDECK SCREEN CORPORATION 2,942,550
POLYPHOR AG 2,875,733
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 2,981,942
POLYVAGAL SCIENCE LLC 3,041,839
PONCE, DAVID 2,968,429
POPA, DANIEL 2,869,150
PORGES, STEPHEN 3,041,839
PORTER, BRUCE 2,944,158
PORTOLA PHARMACEUTICALS, INC. 2,810,004
POTH, MARC 2,811,532
POTNURU, SANTOSH KUMAR 2,850,428
POTTER, ROBERT 2,885,222
POTUCEK, KEVIN 2,944,158
POUNDER, JOSEPH R. 2,820,729
POWERS, WILLIAM 2,790,743
POZO, ALBERT PARRA 3,017,827
PPC BROADBAND, INC. 2,831,726
PRADO, FELIX 2,845,675
PRATT & WHITNEY CANADA CORP. 2,776,123
PRATT & WHITNEY CANADA CORP. 2,811,649
PRATT, DAN W. 2,978,255
PREFONTAINE, AMANDA 2,995,532
PRENCIPE, MICHAEL 2,876,163
PRESTON, JOHN B. 2,983,246
PRESTON, JONATHAN SCOTT 2,899,683
PRICKEL, MARVIN A. 2,824,141
PRIESTLEY, MICHAEL 2,796,502
PRIOR, MATTHEW 2,834,366
PRISCO, JOHN R. 2,825,868
PRISTEC AG 2,998,609
PROCIW, LEV ALEXANDER 2,776,123
PROPST FAMILY LIMITED PARTNERSHIP 2,798,372
PROPST, JOHN EUGENE 2,798,372
PROTEUS INDUSTRIES, INC. 2,861,801
PUENTE, PILAR 2,739,153
PURAPIPE HOLDING LTD. 2,867,078
PURCELL, JOHN EUGENE 2,889,612
PURCELL, ROBERT J., JR. 2,944,599
QILU PHARMACEUTICAL CO., LTD. 3,004,147
QIN, BING 2,819,759
QIN, DAKUN 3,004,147
QIN, XIONG FEI 2,891,538
QIU, HUI 2,844,830
QUALCOMM INCORPORATED 2,746,751
QUALCOMM INCORPORATED 2,911,397
QUALCOMM INCORPORATED 2,937,552
QUALCOMM INCORPORATED 2,939,250
QUALCOMM INCORPORATED 3,018,205
QUERCIA, PAOLO 3,033,927
QUINLAN, THOMAS J. 3,009,449
QUINN, ANTHONY 2,796,607
RADAKOVITZ, SAMUEL CHOW 2,795,183
RAKITSKY, WALTER 2,758,479
RAMAKRISHNAN, RAMESH 2,734,868
RAMAMURTHY, RAJA 2,811,649
RAMSCOR, INC. 2,838,289
RANKIN, ALASDAIR PATRICK 2,927,291
RANPAK CORPORATION 2,967,809
RAO, JAYA 2,974,501
RAPS, DOMINIK 2,870,942
RASANEN, JARI 2,851,385
RATH, ALEXANDER 2,939,704
RAUSCH, JONATHAN MICHAEL 2,965,338
RAVENSBERGEN, JOHN 2,859,813
RAY, URMI 2,937,552
RAYNER INTRAOCULAR LENSES LIMITED 3,000,571
REANY, BOB 2,945,703
REBHOLZ, FELIX 2,971,628
RECCHIA, DIEGO 2,848,456
RECK, NICHOLAS 2,788,644
REDD, FRANK 2,801,795
REDDIE, STEVEN MICHAEL 2,899,421
REDDING, WILLIAM D. 2,973,893
REDL, ANDREAS 2,947,523
REGAN, TIM 2,832,453
REICK, HANSJOERG 2,981,576
REID, KEVIN 2,986,399
RENMANS, MARC RENE BERT 2,970,603
RENZ, ANKE 2,981,576
REPASKY, JOHN 2,966,091
REY, CEDRIC 2,842,919
REYES ACOSTA, OSVALDO 2,830,325
REYES, ENRIQUE ANTONIO 2,973,058
RHEE, JAEKEOL 2,960,944
RHIEL, MARTIN 2,608,579
RHODIA OPERATIONS 2,852,104
RICE, SHAWN 2,924,703
RICKA, JAROSLAV 2,938,216
RIECK, HEIKO 2,819,270
RIED, ACHIM 2,808,944
RIEDEL, PETER 2,963,020
RIEF, DIETER J. 2,885,873
RIEL, HEIKE E. 2,819,469
RIJKSUNIVERSITEIT GRONINGEN 2,853,213
RINEHART, ADAM J. 2,947,093
RING CONTAINER TECHNOLOGIES 2,831,066
RING CONTAINER TECHNOLOGIES, LLC 2,848,379
RINNE, STEPHANIE A. 2,783,234
RIVARD, LOUIS-PHILIPPE 2,998,926
RIVARD, ZACHARIAH PAUL 2,889,612
RIZZI, JVANOHE 2,972,563
ROBERSON, BRIAN 2,954,269
ROBERTS, DAVID D. 2,869,913
ROBINOWITZ, MARVIN 2,840,607
ROBINSON, FREDA E. 2,822,325
ROBISON, JEFFREY C. 2,801,795
ROCKWELL AUTOMATION TECHNOLOGIES, INC. 2,814,326

ROGERS, EVAN 2,809,830
ROHRER, DANIEL 2,857,612
ROOT, MICHAEL R. 2,594,001
ROOT, STEVEN A. 2,594,001
ROPER PUMP COMPANY 2,889,612
ROQUETTE FRERES 2,843,687
ROSSL, ANDREAS 2,944,228
ROWLEY, JONATHAN ALLEN 2,836,578
RUBLE, BRIAN SCOTT 2,795,183
RUBY, JEFFREY 2,726,958
RUCKER, STEPHEN J. 2,882,791
RUPRECHTS-KARLS-UNIVERSITAT HEIDELBERG 2,817,331
RUSSELL, STEPHEN E. 2,818,752
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,807,661
RUTH, DONALD 2,835,280
RUTLEDGE, RUSSELL P. 2,844,641
RUTLEDGE, RUSSELL P., JR. 2,844,641
RUTLEDGE, RYAN B. 2,844,641
S.P.M. FLOW CONTROL, INC. 2,797,081
SAAD, MOUNIR 2,856,068
SABISCH, MARKUS 2,981,576
SAFFER, ARON JAY 3,000,497
SAFINYA, KAMBIZ 2,968,429
SAHU, KAPIL DAS 2,848,278
SAINT-GOBAIN ISOVER 2,817,480
SAKAI, MASANOBU 2,954,481
SALISH COAST ENTERPRISES, INC. 2,973,893
SALIX PHARMACEUTICALS, INC. 2,804,635
SAMBROOK, DAVID N. 2,851,054
SAMPLE, CHUCK A. 2,801,321
SAMSONITE IP HOLDINGS S.A R.L. 2,848,456
SAMSUNG ELECTRONICS CO., LTD. 2,927,113
SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE 2,962,795
SANGIACOMO, FRANCESCA 2,856,333
SANGLI, PRADEEP HEMANT 2,850,428
SANO, YASUHITO 2,994,652
SANYO FOODS CO., LTD. 2,977,927
SARKISSIAN, SHAUNT M. 2,934,873
SARRAMEA, JEROME 2,849,413
SASOL TECHNOLOGY (PROPRIETARY) LIMITED 2,834,015
SATO, AARON K. 2,536,873
SATO, MASASHI 2,954,481
SATOH, HIROSHI 2,981,784
SATTLER, THOMAS 2,940,026
SAUER, WOLFGANG 2,839,818
SAUNDERS, WAYNE S. 2,861,801
SAURA CALIXTO, FULGENCIO DIEGO 2,859,638
SAUTER, DIETER 2,884,217
SAVARD, STEPHANE 2,863,711
SAVIDGE, JOHN 2,866,017
SAWBRIDGE, TIMOTHY IVOR 2,748,974
SCALLY, MAY L. 2,813,065
SCHAFFER, AMBROSE 2,879,315
SCHAFFNER, LOWELL W. 2,933,162
SCHAMMEL, WAYNE PAUL 2,773,640
SCHARFENBERGER, GUNTER 2,940,026
SCHAUT, ROBERT ANTHONY 2,972,778
SCHEIDELER, JENS 2,808,944
SCHERER, JOHN 3,029,408
SCHIVALOCCHI, CARLO 2,838,549
SCHIVALOCCHI, CHIARA 2,838,549
SCHIVALOCCHI, NICOLA 2,838,549
SCHLITZER, HANS RAINER 2,885,873
SCHLOSSER, MICHAEL 2,769,837
SCHLOTFELDT, JENIFER L. 2,796,502
SCHMIDT, HOLGER 2,807,172
SCHMIDT, WILLIAM E. 3,021,200
SCHMUCK, FRANK B. 2,851,200
SCHNEIDER, CURT 2,924,703
SCHNEIDER, EDWARD 2,921,467
SCHUBERT, FRITZ 2,981,576
SCHUETTER, MICHAEL J. 2,848,278
SCHULLER, ULF 2,967,717
SCHULTEN, BERTHOLD 2,987,833
SCHULTES, KLAUS 2,811,532
SCHUSTER, MANFRED 2,822,114
SCOLARO, MAURO 2,821,247
SCUILLER, LIONEL 2,849,413
SEATTLE GENETICS, INC. 2,850,103
SEGAL, YARON 2,848,549
SEIDL, SANDRA 2,822,114
SEIKO EPSON CORPORATION 2,981,784
SEKISUI CHEMICAL CO., LTD. 2,878,938
SELBO, JON 2,804,635
SERT ALAGAC, MELIKE 2,981,149
SERVADIO, MAURIZIO 2,838,456
SERVICIOS CONDUMEX, S.A. DE C.V. 2,879,123
SES-IMAGOTAG GMBH 2,944,228
SHADWELL, PETER J. 2,877,730
SHAFER, WARREN E. 2,809,641
SHAH, MANSI A. 2,851,200
SHANDER, MARK S. 2,933,162
SHAVER, RUSTY 2,848,379
SHAW, STEVEN A. 2,832,820
SHEEHY, ALAN JAMES (DECEASED) 2,996,151
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,839,212
SHERRY, CARLA F. 3,002,459
SHETH, RITESH BHARAT 2,806,436
SHI, XIAO MING 2,758,725
SHIMADA, MAKOTO 2,689,268
SHIMOJI, MANABU 2,816,499
SHINDE, DARSHAN U. 2,848,278
SHINOZAKI, TAEKO 2,962,795
SHIRAI, TOSHIHITO 2,844,906
SHOR, TAMAR 2,868,804
SHORT BROTHERS PLC 2,975,572
SHOWALTER, H.D. HOLLIS 2,811,567
SHUMWAY, WILLIAM WALTER 2,934,455
SHYU FUU INDUSTRIAL CO., LTD. 2,980,797
SICHUAN GUANGYA POLYMER CHEMICAL CO., LTD. 2,973,905
SICK, STEPHAN 2,981,942
SIEBERT, MALTE 2,771,253
SIEDLE, ALLEN R. 2,861,859
SIEGERS, CONRAD 2,900,822
SIEMENS AKTIENGESELLSCHAFT 2,788,617
SIEMENS AKTIENGESELLSCHAFT 2,966,811
SIEMENS INDUSTRY, INC. 2,783,259
SIEMENS INDUSTRY, INC. 2,837,671
SIEMENS INDUSTRY, INC. 2,849,007
SIEMENS S.A.S. 2,867,870
SIG TECHNOLOGY AG 2,807,172
SIGNATERRE ENVIRONNEMENT INC. 2,931,899
SILVA, RONALD 2,887,063
SINGH, SACHCHIDA NAND 2,837,333
SKOLOZDRA, STEPHEN A. 2,997,765
SKRZIDLO, JOACHIM 2,987,833
SLB S.R.L. 2,856,333
SLIEPCEVICH, ANDREA 2,851,414
SLUKA, PETER 2,904,256
SMART SHOOTER LTD. 2,904,485
SMARTDRIVE SYSTEMS, INC. 2,632,685
SMELY, DIETER 2,785,515
SMILEY, DAVID L. 2,728,284
SMITH, BRIAN 2,848,379
SMITH, JAMES GORDON CHARTERS 2,788,068
SMITH, RONALD 2,754,760
SMITH, SUSAN M. 2,816,022
SMITH, WAYNE DUNCAN 2,777,434
SMYTHE, JASON 2,860,448
SNAP-ON INCORPORATED 2,916,011
SNECMA 2,888,110
SOBOTKA, MICHAL 2,938,216
SOBOTKA, PETER 2,758,725
SOCIETE DES PRODUITS NESTLE S.A. 2,781,825
SOCIETE DES PRODUITS NESTLE S.A. 2,842,919
SOCIETE PLYMOUTH FRANCAISE 2,856,068
SOFIIENKO, ANDRII 2,968,429
SOFRADIM PRODUCTION 2,858,000
SOLODOVNIK, EUGENE 2,933,162
SOMA, KAORI 2,962,795
SON, CHANG MO 2,960,944
SONE, KEIICHI 2,866,996
SONGKAKUL, PORNSAK 2,849,007
SONOCO DEVELOPMENT, INC. 2,977,140
SORENSON, RODERICK JOSEPH 2,811,567
SORKIN, FELIX 2,987,026
SOUCY INTERNATIONAL INC. 2,963,961
SOULODRE, GILBERT ARTHUR JOSEPH 2,941,646
SOUTHWIRE COMPANY, LLC 2,832,453
SPAKEVICIUS, DANGUOLE 2,840,354
SPANGENBERG, GERMAN 2,748,974

Index des brevets canadiens délivrés
10 septembre 2019

SPANNUTH, MELISSA 2,968,429
SPEEG, TREVOR W. V. 2,834,258
SPINELLA, DONALD J. 2,947,720
SPITHILL, TERRY 2,837,222
SPLIETHOFF'S BEVRACHTINGSKANTOOR B.V. 2,783,814
SPRINGER, PAUL 2,832,453
SQUARE, INC. 2,812,594
STABILIZ ORTHOPEDICS, LLC 2,794,019
STAHL, RICHARD ALAN 2,986,585
STALLINGS, THOMAS L. 2,832,820
STANGER, DEREK 2,995,532
STEEVENSZ, RICHARD 2,900,822
STEINBRINK, SANDRA 2,817,331
STEINER, PHILIPP 2,608,579
STEMFORM APS 2,916,389
STEMRAD LTD. 2,835,601
STENSRUD, KENNETH 2,895,095
STERN, HADLEY RUPERT 2,937,342
STEVENSON, DOUGLAS 2,808,648
STINNER, CHRISTOPH 2,806,004
STOCHL, MARK 2,536,873
STOCKHAMMER, THOMAS 2,939,250
STOKES, THOMAS J. 2,982,977
STOODLEY, MARK G. 2,756,839
STOOP, KOEN 2,957,306
STORA ENSO OYJ 2,851,385
STORM, STEFAN 2,870,942
STOUFFER, MARK R. 2,861,859
STRAKA, JAN 2,938,216
STRAUB, KLAUS 2,809,860
STREEKSTRA, HUGO 2,489,982
STRICKLEY, ROBERT G. 2,840,763
STROBL, TOBIAS 2,870,942
STUART, GRAHAM DOUGLAS 2,905,041
STUBER, MICHAEL T. GARRISON 2,869,150
STUIVER, MAARTEN HENDRIK 2,739,153
SUBRAMANIYAM, MAHESH 2,991,178
SUCHAK, NARESH 2,823,635
SUDBRINK, MATTHEW R. 2,812,585
SUGANO, KENICHI 2,969,824
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,814,828
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,867,096
SUN, AIMING 2,816,022
SUN, CHANGJIE 2,845,493
SUN, GUOQIAN 2,896,825
SUNCAST TECHNOLOGIES, LLC 2,818,227
SUNCOR ENERGY INC. 2,836,757
SUREFOOT SYSTEMS INTERNATIONAL LIMITED 2,838,757
SURFACE GENERATION LIMITED 2,843,662
SUZUKI, KEISUKE 2,962,795
SUZUKI, MOTOHIRO 2,967,243
SUZUKI, NAOKAZU 2,816,499
SUZUKI, SHIGEHIRO 2,866,996
SUZUKI, YASUHIRO 2,973,111
SUZUKI, YOSHINORI 3,000,726
SUZUKI, YOSHINORI 3,000,728
SUZUKI, YOSHINORI 3,011,241
SWAYZE, JEFFREY S. 2,829,981
SWICK, LANCE L. 2,912,538
SWISZCZ, PAUL G. 2,827,316
SWISZCZ, PAUL G. 2,948,904
SYNCRUDE CANADA LTD. 2,981,633
SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE 2,986,395
SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE 2,986,399
SYNGENTA PARTICIPATIONS AG 2,806,436
SZEKELY, KENNETH E. J. 2,851,054
TABOADA, LARIZA BERISTAIN 2,874,379
TACHIBANA, TAKAHIRO 2,983,572
TAGGI, ANDREW EDMUND 2,863,059
TAIWAN RESONANT WAVES RESEARCH CORP. 2,963,669
TAKAHASHI, HIROYUKI 2,866,996
TAKAHASHI, MASAHIDE 2,844,906
TAKAHATA, KOJI 2,972,180
TAKIUE, JUNYA 3,011,241
TALPAZ, MOSHE 2,811,567
TAM INTERNATIONAL, INC. 2,926,551
TAM INTERNATIONAL, INC. 2,974,126
TAN, PHILIP 2,784,814
TAN, THIOW KENG 3,000,382
TAN, THIOW KENG 3,011,241
TANGHAL, EMMANUEL V. 2,834,258
TARANTINO, THOMAS 2,946,337
TAYLOR, BRETT RICHARD 2,899,421
TAYLOR, RICHARD JAMES 2,899,683
TEAGUE, PHILIP 2,968,429
TELEDYNE DIGITAL IMAGING US, INC. 2,861,196
TELEFLEX MEDICAL INCORPORATED 2,932,469
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,846,236
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,931,361
TENG, JING 2,804,635
TERAMOTO, SHOKICHI 2,993,426
TEREOS STARCH & SWEETENERS BELGIUM 2,947,523
TEWARI, RENU 2,851,200
THAEMLITZ, CARL JOSEPH 2,966,698
THAU, LAWRENCE W., JR. 2,846,039
THE BOEING COMPANY 2,933,162
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 2,790,502
THE GLAD PRODUCTS COMPANY 2,863,601
THE GLAD PRODUCTS COMPANY 2,884,652
THE NIELSEN COMPANY (US), LLC 2,754,760
THE NIPPON SIGNAL CO., LTD. 2,844,906
THE PROCTER & GAMBLE COMPANY 2,970,603
THE PROCTER & GAMBLE COMPANY 2,983,452
THE PRODUCT MAKERS (AUSTRALIA) PTY LTD. 2,860,448
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,742,298
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,750,991
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,811,567
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES 2,869,913
THEOBALD, JAMES 2,836,620
THIESSEN, LA VOY M., JR. 2,969,092
THIESSEN, LAVOY M., JR. 2,969,092
THIESSEN, RANDALL J. 2,969,092
THOMAN, FEDERICO 2,825,063
THOMAN, LAWRENCE MICHAEL 2,941,607
THOMAN, STEFANO 2,825,063
THOMAS, FRANK 2,966,811
THOMAS, HERMAN MARCUS 2,879,310
THOMAS, TERRANCE L. 2,933,162
THRONE, JASON T. 2,948,904
THYPARAMBIL, SHEENO 2,823,337
TIAN, YE 2,794,154
TIAN, YONGJIANG 2,966,027
TIBERGHIEN, ARNAUD 2,850,103
TIBOR, TIM 2,832,453
TIETJE, STEVEN ALVIN 2,972,778
TILBURGER, FRANK 2,932,840
TIME WARNER CABLE ENTERPRISES LLC 2,861,525
TITAN OIL RECOVERY, INC. 2,996,151
TOAFF, YAIR 2,817,119
TOGNARELLI, LEONARDO 2,798,261
TOKYO METROPOLITAN SEWERAGE SERVICE CORPORATION 2,866,996
TOMAC, BRIAN W. 2,801,321
TOMECHKO, MARYANN 2,887,063
TORSTEINSEN, HENNING 2,968,429
TOTAL ANALYTICAL CONSULTING INC. 2,915,770
TOTH, LANDY 2,819,472
TOTH, LANDY 2,819,549

Index of Canadian Patents Issued
September 10, 2019

TOWNSEND, GEORGE 2,864,612
TOYO SEIKAN GROUP HOLDINGS, LTD. 2,967,753
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,972,180
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,984,739
TOYOTA SHATAI KABUSHIKI KAISHA 2,984,739
TRACEY, BRIAN D. 2,787,660
TRAHAN, MATTHEW LLOYD 2,899,421
TREFIAK, KURT 2,915,770
TRENTIN, DIEGO 2,846,473
TROUVE, EMMANUEL 2,911,654
TROXELL, MARCUS W. 2,879,310
TRUTH HARDWARE CORPORATION 2,816,499
TSE, CHI CHIU 2,800,504
TSIFOURDARIS, PANAGIOTA 2,811,649
TSIRTSIS, GEORGIOS 2,746,751
TSUBOI, NOBUKI 2,866,996
TSUJI, KEITA 2,954,481
TSUJI, TAKASHI 2,863,803
TURBOMECA 2,849,413
TURBOMECA 2,853,190
TUTBURY, PETER 2,944,599
TWIN-STAR INTERNATIONAL, INC. 2,833,097
TYCO HEALTHCARE GROUP LP 2,790,743
TYCO HEALTHCARE GROUP LP 2,790,900
TYTO CARE LTD. 2,827,523
UBAT CONTROLE 2,817,480
UBER TECHNOLOGIES, INC. 2,985,647
UEKI, YOSUKE 2,869,882
UGOREK, MICHAEL S. 2,783,234
UKAI, KAZUTOSHI 2,958,246
ULLRICH, JEFF 2,848,379
UNDERKOFLER, ABRAHAM M. 2,847,981
UNDERKOFLER, ABRAHAM M. 2,898,911
UNGER, MARC 2,734,868
UNITED STATES POSTAL SERVICE 3,002,459
UNIVERSITE CLAUDE BERNARD LYON 1 2,947,523
UNIVERSITE DE NANTES 2,865,561
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,800,639
UNIVERSITEIT GENT 2,816,912
UNIVERSITEIT TWENTE 2,853,213
UNIVERSITY OF MASSACHUSETTS 2,833,905
UPM-KYMMENE CORPORATION 2,815,276
URBAN, PETER 2,967,809
USG INTERIORS, LLC 2,847,981
USG INTERIORS, LLC 2,898,911
UYANIK, ILYAS 2,931,597
VAJDA, PETER 3,017,827
VALENT BIOSCIENCES CORPORATION 2,809,641
VALK, HANS WOUTER 2,783,814
VALVE SOLUTIONS, INC. 2,838,721
VAN LEEUWEN, ANNE CORNELIS 2,853,213
VAN MULDERS, JOACHIM 2,870,322
VAN WYK, RIAAN, LINGENFELDER 2,914,257
VANDEKERCKOVE, PASCAL 2,878,881
VANDENBROUCKE, ROOSMARIJN 2,816,912
VANI, NATASHA 2,726,958
VANVERRE, WIM 2,870,322
VAPOGENIX, INC. 2,840,354
VARDHAN, ABHAY 2,985,647
VASILEVSKIY, ALEXANDER 2,794,154
VASWANI, AMEET NIRMAL 2,899,421
VEMURI, K. RAO 2,947,720
VENECIANO RIVERA, ANIBAL LUIS 2,998,609
VENKATARAMANI, CHANDRASEKAR 2,840,763
VENKATARAYA, SURESHA 2,944,687
VENKITASUBRAMANIAN, PADMESH 2,895,095
VERALLIA FRANCE 3,023,195
VERMILION, DONN 2,783,234
VIB VZW 2,816,912
VICTAULIC COMPANY 2,846,039
VIGNAL, RENAUD 2,954,134
VIK ORSTA AS 2,818,739
VISAGIE, JACOBUS LUCAS 2,834,015
VISENTIN, SIMONE 2,846,473
VISURAY INTECH LTD. 2,968,429
VITTORIAS, IAKOVOS 2,967,717
VIVIDAS TECHNOLOGIES PTY LTD 2,642,666
VOESTE, DIRK 2,739,153
VOGLER, MICHAEL 2,818,227
VOGT, ROBERT 2,876,163
VOLL, ADNE 2,968,429
VOLUTION IMMUNO PHARMACEUTICALS SA 2,785,612
VOSSLOH-WERKE GMBH 2,969,481
VRZIC, SOPHIE 2,974,501
WADA, TSUTOMU 2,866,996
WALDRON, MATTHEW W. 2,884,652
WALLNER, GEORGE 2,927,113
WALSH, PATRICK 2,836,578
WALTER, STEPHEN A. 2,879,310
WALTERS, RUSSEL M. 2,801,758
WANG, FENG 2,975,437
WANG, LINHUA 2,806,436
WANG, QIANG 2,914,434
WANG, XIANG 2,973,905
WANG, XIAOFEI 3,004,147
WANG, XINGXING 3,004,147
WANG, ZHENG 3,004,147
WANG, ZHIJUN 2,809,830
WARD, BRIAN C. 2,728,284
WASER, ROGER 2,857,612
WASSON, RUSSELL D. 2,778,575
WEAVER, MARK VINCENT 2,942,550
WEGKAMP, HEINZ-GERD 2,835,267
WEI, LIXIANG 2,814,326
WEI, YONGBIN 2,911,397
WEIR, MICHAEL S. 2,947,093
WEISINGER, RICHARD STUART 2,860,448
WEISSMAN, JONATHAN 2,742,298
WEITH, LUKE SAYLOR 2,795,935
WEN, XUANCONG 2,812,594
WENSLOW, ROBERT M. 2,810,004
WESLEY, MICHAEL L. 2,832,453
WESTON-DAVIES, WYNNE 2,785,612
WEYENBERG, PATRICK 2,987,752
WHITE, JESSE 2,995,532
WHITTEN, JEFFREY P. 2,809,830
WIELAND, ARNE 2,808,944
WIGHTMAN, JAMES C. 2,818,179
WILLIAMS, DAVID 2,749,532
WILLIAMS, SHAZAM 2,955,362
WILLIAMSON, FINBARR CHARLES RONALD 2,791,151
WILLIAMSON, GREGORY D. 2,945,703
WILLIS III, THOMAS M. 2,977,034
WILLIS, THOMAS M. III 2,981,865
WILSON, JAMES 2,852,104
WILSON, ROBERT SAMUEL 2,975,572
WINSHIP, RYAN H. 2,953,254
WINTER, DAVID 2,642,666
WISCONSIN ALUMNI RESEARCH FOUNDATION 2,740,873
WISE MOTOR WORKS, LTD. 3,021,866
WISE, STEVEN G. 2,960,408
WOBUS, CHRISTIANE 2,811,567
WOELS, MARTIN 2,780,239
WOJCIK, MATTHEW JOSEPH 2,879,315
WOLTERS, MICHAEL 2,807,172
WOMEN'S MEDICAL RESEARCH, INC. 2,689,268
WONG, PING-CHUNG (ERIC) 2,951,846
WONG, VERNON G. 2,838,289
WOOD, CHARLES D. 2,802,913
WOOD, KEITH ANTONY 2,829,748
WOOD, LOUIS L. 2,838,289
WOODRING, DOUG 2,831,066
WRENN, JOHN 2,977,140
WROBLEWSKI, ARTUR 2,969,481
WU, XIN ALEX 2,986,395
WU, YIMING 2,940,661
WU, YIR-SHYUAN 2,898,525
WU, YONG 2,833,097
WYART, HERVE 2,843,687
X-TECHNOLOGY SWISS GMBH 2,837,260
XEROX CORPORATION 2,966,096
XIAO, YUFANG 2,844,830
XIE, JUN 2,833,905
XIE, YUAN HUI 2,891,538
XING, WENZHONG 2,961,678
XU, YUN 2,891,538
XU, ZHIYUE 2,961,167
XUE, WEN KE 2,796,502
XYLEM IP HOLDINGS LLC 2,808,944
YAMAGUCHI, TERUFUMI 2,844,906
YAMAHA HATSUDOKI KABUSHIKI KAISHA 2,943,941

YAMAMOTO, YUKO 2,962,795
YAN, WEI 2,830,254
YANAGI, TAKURA 2,994,652
YANG, FEIFEI 3,004,147
YANG, JIN 2,960,944
YANG, YOUNG LYEOL 2,975,374
YAO, ZHEN 2,942,057
YAOSAKA, MANABU 2,973,871
YE, TINGMENG 2,940,661
YEUNG, LEE KON 2,970,603
YI, SHENG 2,876,826
YILMAZ, UGUR EVRENSEL 2,981,149
YILMAZ, UGUR EVRENSEL 2,981,151
YLIPERTTULA, MARJO 2,815,276
YOAKIM, ALFRED 2,781,825
YOGAN, THOMAS J. 2,970,603
YOSHIKAWA, SEISHI 2,967,753
YOSHIKUNI, HIROYUKI 2,943,941
YOSHINO GYPSUM CO., LTD. 2,969,824
YOUNG, SAMUEL JOHN 2,899,421
YR20 GROUP, INC. 2,808,648
YU, KEVIN 2,791,771
YU, STEVE JIA CHANG 2,912,883
YU, WILSON HUNG 3,018,205
YU, ZHENG 2,943,148
YUAN, BENGUI 2,914,434
YUAN, SHAOTANG 2,892,411
ZABLOCKI, JEFF 2,840,763
ZACHARIAS, DARWIN LLOYD 2,905,041
ZDANIS, DANA 2,758,479
ZENG, GUANGZHU 2,946,630
ZHANG, BO 2,996,396
ZHANG, FENG 2,894,623
ZHANG, HANG 2,974,501
ZHANG, HONGHUI 2,917,679
ZHANG, JIANWEI 3,009,449
ZHANG, LIN 2,961,678
ZHANG, MINGFU 2,795,935
ZHAO, LEI 2,961,167
ZHAO, YUEMIN 2,996,396
ZHENG, GUODONG 2,795,935
ZHONG, SHENG 2,966,854
ZHOU, JIA 2,848,726
ZHOU, KAI 3,004,147
ZHOU, YI YAN 2,796,502
ZHU, ZHEN 2,811,532
ZIBO VOTAISI PETROCHEMICAL EQUIPMENT CO., LTD 2,984,745
ZIMMERMANN, BERNHARD G. 2,734,868
ZIMMERMANN, JOHANN 2,875,733
ZOPPAS, FEDERICO 2,846,473
ZRAIK, SOUHEIL 2,831,726
ZWICKER, SVEN 2,842,919

Index of Canadian Applications Open to Public Inspection

August 25, 2019 to August 31, 2019

Index des demandes canadiennes mises à la disponibilité du public

25 août 2019 au 31 août 2019

2236008 ONTARIO INC. 3,034,908
ABOUELDAHAB, TAREK ELSAYED HASSAN 2,996,359
ABRAM, DANIEL EAMON 3,035,250
ACCLARENT, INC. 3,034,938
AFTON CHEMICAL CORPORATION 3,034,497
AHMADI BIDHENDI, AMIN AAB 2,996,390
AIRBUS HELICOPTERS 3,028,050
AIRBUS HELICOPTERS 3,031,573
ALBIN, STEVEN 3,035,027
ALVARADO, ANDRES E. 2,997,084
ANGEL PLAYING CARDS CO., LTD. 3,034,861
ASPECT IMAGING LTD. 3,047,661
BARRY, KEVIN J. 3,035,173
BASIRI, MAHDI 2,996,928
BASIRI, MARTIN 2,996,928
BASIRI, MASIH 2,996,928
BAUER HOCKEY LTD. 2,996,761
BEGIC, JERKO 3,035,035
BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD. 3,024,029
BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD. 3,024,033
BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD. 3,032,850
BELL HELICOPTER TEXTRON INC. 2,997,121
BELL, GORDON 3,034,908
BELLE, STEVEN D. 2,996,789
BELTRAMI, ANDREA RUSCONI CLERICI 3,035,007
BENDEL, PETER 3,047,661
BENUM, LESLIE 2,996,799
BERTHALON, SYLVAIN 3,031,573
BEYDOUN, HAMMDY DANNY 3,035,066
BLANCHARD, FREDERICK WILLIAM 3,032,852
BLASCHKE, WALTER 3,034,936
BONO, TETSUYA 3,035,012
BORGNA, MICHAEL E. 3,035,060
BOTTONI, FERRUCCIO 3,035,007
BREESE, JAMES W. 2,996,789
BREHMER, JACOB R. 3,034,831
BYRNE, RICHARD 3,033,433
CANADIAN GREENFIELD TECHNOLOGIES CORP. 3,047,756
CARATELLI, FRANCESCO 3,033,822
CARERI, GIOVANNI 3,018,064
CARRANZA, ARTURO 3,034,497
CARRINGTON, SCOTT 2,996,808
CARRINGTON, SCOTT 3,028,911
CARTER, WILLIAM 3,035,032
CASADA, ARA ALEXANDER 3,035,066
CASCADES SONOCO INC. 3,035,236
CENOVUS ENERGY INC. 3,014,841
CENOVUS ENERGY INC. 3,014,879
CHANDRASHEKARAPPA, MOHAN GOWDA 3,034,489
CHANDRASHEKARAPPA, MOHAN GOWDA 3,034,491
CHAPARRO RIGGERS, JAVIER FERNANDO 3,034,912
CHEN, AICHENG 3,034,414
CHEVRON U.S.A. INC. 2,996,926
CHU, LING HON MATTHEW 3,034,912
CLEMENT, ALEXANDRE 3,035,241
CLOUTIER, JOHN C. 2,996,782
CLS LABS, INC. 2,996,909
COOPER CAPRI SAS 3,035,185
CORBEIL, JEAN-FRANCOIS 2,996,761
COVIDIEN LP 3,031,899
COWAN DYNAMICS INC. 2,996,929
CURT G. JOA, INC. 3,013,597
CZAPP, IRENEUSZ 2,998,050
DELTA FAUCET COMPANY 3,034,803
DESCHENES, CANDIDE 2,996,761
DEUTSCH, ANDREW 2,997,056
DISTECH CONTROLS INC 3,034,669
DISTECH CONTROLS INC 3,034,817
DJURETIC, IVANA 3,034,912
EADS, THAD J. 3,034,803
EASY EDUCATION INC. DBA APPLYBOARD.COM 2,996,928
EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG 3,034,934
EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG 3,034,936
EGAWA, TOSHIHIRO 3,035,012
ENTREPRISES WYHN INC. 3,035,241
ESAB AB 3,033,673
ETI SOLID STATE LIGHTING INC. 3,035,032
FANG, ITZHAK 3,034,938
FARRINGTON, IAN 3,034,938
FELDMAN, REID MARTIN RENNY 3,034,912
FILTER EASY, INC. 3,035,173
FINELINE TECHNOLOGIES 3,035,060
FISHING HOLDINGS, LLC 3,035,186
FOLTAN, STANISLAV 3,034,428
FRANKE TECHNOLOGY AND TRADEMARK LTD 2,998,050
FRITZ, JEFFREY W. 3,013,597
FRY, KEVIN D. 3,033,025
GAGNE, DANIEL 2,996,929
GAGNON, DOMINIC 3,034,669
GAGNON, DOMINIC 3,034,817
GALLIFORD, GAYLENE 3,035,027
GAO, XIAOLIANG 2,996,799
GENTRY, LENARD W. 2,996,959
GIBSON, DAVID 3,033,433
GILES, ALEXANDRA E. 3,035,056
GILES, ALEXANDRA E. 3,035,239
GILLESPIE, JOHN MICHEL 3,035,066
GITTINS, SIMON D. 3,014,841
GOLNARAGHI, FARID 3,035,250
GOODARZNIA, SHAHIN 2,996,799
GOUDA, VIJAYAKUMAR 3,034,491
GOWELL INTERNATIONAL, LLC 3,034,907
GREGOIRE, DOMINIC 3,035,180
GREGOIRE, LOUIS 3,035,180
GROUPE MARAIS 3,034,947
GUPTA, SUBODH 3,014,841
GUPTA, SUBODH 3,014,879
GURSAHANI, KAMAL 2,996,926
HAAPALAHTI, TEUVO 3,035,030
HANSON, MATTHEW 3,034,002
HILL, DIANA 3,035,027
HINDS, ORLANDO J. 3,005,904
HOLSTEN, HENRY 3,031,899
HONEYWELL INTERNATIONAL INC. 3,034,428
HONEYWELL INTERNATIONAL INC. 3,034,489
HONEYWELL INTERNATIONAL INC. 3,034,491
HREN, WILLIAM J. 3,034,670
HUDDLESTON, RICK 3,035,186
HUGGINS, MARK 3,035,056
HUGGINS, MARK 3,035,239
HUMBURG, MICHAEL 3,034,934
HUMBURG, MICHAEL 3,034,936
HUNTER DOUGLAS INC. 3,034,360
ISKRA, TIMOTHY 3,034,795
IZARD, CASEY R. 3,035,239
IZO BOX INC. 3,034,046
JENSEN, HANS 3,034,934
JENSEN, HANS 3,034,936
JIANG, SHENG 3,034,497
JOHNSTON, LEE 3,033,433
JOSEPH, SNEEP 2,996,390
JOY GLOBAL SURFACE MINING INC 3,034,670

Index des demandes canadiennes mises à la disponibilité du public
25 août 2019 au 31 août 2019

KANT, LAXMI 3,034,489
KELLER, RAYMOND M. 2,996,909
KENDRICK, KENNETH J. 2,997,084
KHALIFA, ALY 3,035,173
KIEL, MARIO 2,998,050
KIELLAND, PETER J. 2,996,587
KING, STEVEN PAUL 2,996,786
KIPPES, SCOTT P. 3,035,056
KIPPES, SCOTT P. 3,035,239
KISH, DONALD P. 2,997,056
KOCH, TIMOTHY 3,034,831
KOSEL, CHRISTOPHER J. 2,997,084
KOSELEK, MICHAEL 2,996,799
KOZAR, MICHAEL P. 3,025,164
KOZAR, MICHAEL P. 3,025,241
KOZAR, MICHAEL P. 3,030,164
LABONTE, DANIEL 3,034,046
LABONTE, IVAN 2,996,761
LAHTI, LORI LEE 3,034,475
LAKEHEAD UNIVERSITY 3,034,414
LANTHIER, KEVIN 3,035,241
LAPLANTE, DOMINIC 3,035,241
LARSON, TODD A. 2,996,572
LAVALEE, YANN 2,997,121
LEBON, SILVIN 3,035,185
LEE, HEI MAN RAYMOND 3,035,053
LEINWAND, DARRELL A. 2,996,789
LI, JIE 3,024,029
LI, JIE 3,024,033
LIN, LAURA 3,034,912
LIN, WEI 3,031,594
LIN, WENBIN 3,031,594
LIQUIDPOWER SPECIALTY PRODUCTS INC. 3,035,066
LUTZ, DAVID W. 2,996,571
MAROCCO, NORBERT 3,034,951
MARSHALL EXCELSIOR CO. 3,032,852
MARSHALL, ROBERT E. 2,996,926
MARTIN, DARREN 3,011,669
MASSAL, FABIEN 3,031,573
MAXXMAR INC. 3,034,951
MCCABE, JOHN A. 3,013,597
MCGUIRE, BOB 3,032,449
MCMENAMIN, BARRY 3,033,433
MCNEILL, DAVID B. 3,034,360
MERRILL, DANIEL J. 2,996,789
MNICH, ANDRZEJ 3,033,673
MOLNAR, KAROL 3,034,428
MONGRAIN, YVON 3,035,236
MOONEY, PHIL 3,003,121
MOREL, HERVE 3,028,050
MOSYAK, LIDIA 3,034,912
MUGNIER, JEAN-FRANCOIS 3,034,944
MUNDI, GURVINDER S 2,996,782
MUNDI, GURVINDER S. 2,996,782
NAGHIBI, SEYEDMOHAMMAD 2,996,928
NASSAR, NASHAAT N. 3,035,379
NATHAN, PETTY LEE 3,028,388
NELSON, CHRISTOPHER J. 3,013,597
NEWPORT EXCHANGE HOLDINGS, INC. 3,035,027
NGOROI, DANIEL K. 3,002,805
NORTH COAST CONTAINER 2,997,056
NOVA CHEMICALS CORPORATION 2,996,799
NUOVO PIGNONE TECNOLOGIE SRL 3,033,822
O'DONNELL, COLIN 3,039,241
OIL STATES ENERGY SERVICES, L.L.C. 3,032,449
OKUYOSHI, MASAHIRO 3,035,012
OLAYIWOLA, BOLAJI 2,996,799
OP-HYGIENE IP GMBH 2,996,830
OPHARDT, HEINER 2,996,830
OSTOVAR, ARASH 3,035,379
OWEN, YAWEN Q. 2,996,926
PALUSHI, JETMIR 3,034,938
PAREL, THOMAS M. 3,034,868
PEAREN, CHRIS 3,034,475
PERFORMANCE SOFTWARE CORPORATION 2,996,789
PETERSON, DANIEL A. 3,013,597
PFISTER, WOLFGANG 3,034,936
PFIZER INC. 3,034,795
PFIZER INC. 3,034,912
PILDYSH, MIKHAIL 3,047,756
PINEAUD, NICOLAS 3,035,185
PIONEER HI-BRED INTERNATIONAL, INC. 2,996,786
PLCT SYSTEM LTD. 3,031,594
POMA 3,034,944
PROCESS4, INC. 3,034,002
PRUD'HOMME, SIMON 3,034,046
QI, YIRAN 3,032,850
RAILSERVE, INC. 3,003,121
REPEAT PRECISION, LLC 2,997,084
RIVARD, DANIEL 3,034,947
ROBASZKIEWICZ, TOMASZ 2,998,050
ROBERTACCIO, MICHAEL 3,034,465
RODRIGUEZ, JONATHAN 3,028,050
ROSKO, MICHAEL SCOT 3,034,803
ROSS, STEPHEN C. 3,005,904
SACRAMO, ASHLEY MARGARET 3,034,795
SANDERS, JONATHAN WILLIAM 3,032,852
SCOTT, LORI KARYN 2,996,786
SEGUIN, ALEXIS 2,996,761
SERHAL, KAMAL 2,996,799
SERVICENOW, INC. 3,034,400
SHAMELI, EHSAN 3,034,938
SHI, CHAOFENG 3,032,850
SHIGETA, YASUSHI 3,034,861
SHINN FU COMPANY OF AMERICA, INC. 3,039,241
SHOP VAC CORPORATION 3,033,025
SIDHUREDDY, BOOPATHI 3,034,414
SIGLIN, KERBY 3,035,032
SIMANZHENKOV, VASILY 2,996,799
SIMON FRASER UNIVERSITY 3,035,250
SMITH, DAVID A. 3,034,938
SNO-WAY INTERNATIONAL, INC. 3,034,831
SOLIS, CARL 3,034,400
SOOD, ARUN 3,014,841
SOOD, ARUN 3,014,879
SPINA, PASQUALE 2,997,121
SUOMEN VISOR OY 3,035,030
SWANSON, CURTIS SCOTT 3,006,802
SYKAM, UMASURYA 3,034,489
TAFRESHI, SAHAM SAM 2,996,926
TARKINGTON, THADDEUS W. 3,035,173
TAYLOR, CURTIS 3,034,002
TEREX GB LIMITED 3,033,433
THATCHER, RONALD 3,034,475
THE BOEING COMPANY 3,025,164
THE BOEING COMPANY 3,025,241
THE BOEING COMPANY 3,028,388
THE BOEING COMPANY 3,030,164
THIRUPPATHI, ANTONY RAJ 3,034,414
TOYOTA JIDOSHA KABUSHIKI KAISHA 3,035,012
TSAFARIDIS, DEMETRIUS 2,996,733
TSAFARIDIS, DEMETRIUS 3,028,075
TTI (MACAO COMMERCIAL OFFSHORE) LIMITED 3,034,868
TTI (MACAO COMMERCIAL OFFSHORE) LIMITED 3,035,053
TTI (MACAO COMMERCIAL OFFSHORE) LIMITED 3,035,056
TTI (MACAO COMMERCIAL OFFSHORE) LIMITED 3,035,239
UIJLENBROEK, JOS 3,035,060
USOUND GMBH 3,035,007
UTI LIMITED PARTNERSHIP 3,035,379
VAN WINKLE, GARY 3,035,032
VANDERKOLK, NICHOLAS E. 3,034,360
VERBEKE, WIM 3,035,066
VITALE ROJAS, GERARDO 3,035,379
VON MENZE, WILHELM F. 3,034,831
WANG, GAOFENG GARY 3,035,250
WENDORFF, TERRY C. 3,034,831
WENKER, RENE 2,996,929
WIDMER, SCOTT 2,996,777
WILENSKI, MARK S. 3,025,164
WILENSKI, MARK S. 3,025,241
WILENSKI, MARK S. 3,030,164
WILSON, WESLEY G. 3,035,041
WOOLPERT, INC. 3,002,805
XIE, YANPENG 3,024,029
XIE, YANPENG 3,024,033
XIE, YANPENG 3,032,850
YANG, QINSHAN 3,034,907
YEUNG, YIK ANDY 3,034,912
YOUNG, BROOKE THERESE 3,025,557
YOUNG, TROY MATTHEW 3,025,557
ZALEWSKI, BARTEK 3,034,475
ZHAO, JIAJUN 3,034,907
ZHAO, JINSONG 3,034,907
ZHENG, CHUAN 3,031,594
ZHUANG, MING JUN 3,035,053

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

1769474 ALBERTA LTD. 3,052,741
3 STAR AG LLC 3,051,687
8259402 CANADA INC. 3,053,004
AANESEN, SVEIN VIGGO 3,052,761
ABBOTT LABORATORIES 3,052,513
ABBVIE INC. 3,052,873
ABELIN, JENNIFER GRACE 3,053,133
ABRAHAM J AND PHYLLIS KATZ CORD BLOOD FOUNDATION 3,053,129
ABUNDIS, HECTOR MUNGUIA 3,051,705
ABURATANI, TAKAHIDE 3,052,938
ACACIA PHARMA LTD 3,052,535
ACCELERON PHARMA INC. 3,052,625
ACCUTEC BLADES, INC. 3,052,637
ACHE LABORATORIOS FARMACEUTICOS S.A. 3,052,713
ADAMY, MONIQUE 3,053,073
ADAMY, MONIQUE 3,053,074
ADJABENG, GEORGE 3,053,136
ADLER, ADAM SHULTZ 3,052,490
ADVANCED MARKER DISCOVERY, S.L. 3,052,529
AFFIMED GMBH 3,052,886
AFL TELECOMMUNICATIONS LLC 3,052,628
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH 3,050,700
AGF MANUFACTURING, INC. 3,052,958
AGORRETA ARRAZUBI, JACKELINE 3,052,529
AGREDA NAVAJAS, JUAN CARLOS 3,053,059
AGRO INNOVATION INTERNATIONAL 3,053,033
AIRBUS DEFENCE AND SPACE LIMITED 3,052,528
AIRRAT PTY LTD 3,053,166
AJONA MARTINEZ-POLO, DANIEL 3,052,529
AK STEEL PROPERTIES, INC. 3,052,990
AKAMINE, TAKAYUKI 3,052,757
ALAM, M., SOHAIB 3,053,112
ALASLAI, NASSER 3,052,540
ALBEMARLE CORPORATION 3,052,674
ALBERT EINSTEIN COLLEGE OF MEDICINE, INC. 3,053,147
ALBERTI, CLAUDIO 3,052,772
ALBERTI, CLAUDIO 3,052,773
ALBERTI, CLAUDIO 3,052,824
ALBRIGHT, BLAKE 3,052,829
ALEXANDER, DAVID MCAULEY 3,052,677
ALEXANDER, NICHOLAS JOHN 3,032,890
ALI, AHMED H. 3,052,770
ALIBABA GROUP HOLDING LIMITED 3,051,762
ALIBABA GROUP HOLDING LIMITED 3,052,348
ALIBABA GROUP HOLDING LIMITED 3,052,884
ALIBABA GROUP HOLDING LIMITED 3,052,997
ALIBEK, KEN 3,052,465
ALIBEK, KEN 3,052,977
ALIE, SUSAN A. 3,052,673
ALLEN, JAMES F. 3,052,791
ALLEN, THOMAS J. 3,053,018
ALLIAN, AYMAN D. 3,052,873
ALLNEX AUSTRIA GMBH 3,052,684
ALLOIN, QUENTIN 3,052,905
ALPMAN, IHSAN AYDIN 3,052,393
ALTIOSTAR NETWORKS, INC. 3,052,785
ALTIOSTAR NETWORKS, INC. 3,052,787
ALTO-SHAAM, INC. 3,052,633
ALTREGEN CO.,LTD. 3,052,765
AMAZON TECHNOLOGIES, INC. 3,052,672
AMAZONEN-WERKE H. DREYER GMBH & CO. KG 3,052,717
AMERICAN STERILIZER COMPANY 3,053,183
AMGEN INC. 3,052,482
AMGEN, INC. 3,052,676
AMO DEVELOPMENT, LLC 3,052,631
ANB SENSORS LIMITED 3,052,889
ANBARI, JILL MARINIS 3,052,767
ANDERSON, IAN 3,052,390
ANEAS, DANIEL 3,052,675
ANTIDOTE THERAPEUTICS, INC. 3,052,928
AOKI, MASAYO 3,052,630
AREVALOS, CHRISTOPHER ALEXANDER 3,052,806
ARIAS, PABLO 3,053,032
ARIESEN, JAN 3,052,887
ARIESEN, JAN 3,052,890
ARIESEN, JAN 3,052,891
ARKANS, EDWARD 3,052,782
ARKION LIFE SCIENCES, LLC 3,053,150
ARLT, MICHAEL 3,053,068
ARMSTRONG, JANNA 3,052,966
ASAI, YUKAKO 3,052,704
ASHCRAFT, KATHLEEN 3,052,875
ASHFORD, MARIANNE BERNICE 3,053,069
ASOKAN, ARAVIND 3,052,829
ASSA ABLOY ENTRANCE SYSTEMS AB 3,053,072
ASSA ABLOY RESIDENTIAL GROUP, INC. 3,052,512
ASTRAZENECA AB 3,053,069
ATKURI, HARI 3,052,644
AUCOUTURIER, JEAN-JULIEN 3,053,032
AUGELLI, MICHAEL J. 3,052,980
AUGELLI, MICHAEL J. 3,052,983
AUGELLI, MICHAEL J. 3,052,984
AVMAN, OREN 3,052,544
AWE, MICHAEL 3,052,770
AXOGEN CORPORATION 3,052,948
BABU, VARUNDEV 3,053,011
BACHMANN, STEPHAN 3,052,387
BADER, BENJAMIN 3,052,718
BADYLAK, STEPHEN FRANCIS 3,052,489
BAGASRAWALA, SHABBIR A. 3,052,787
BAIGORRI EKISOAIN, ROBERTO 3,053,033
BAILEY, SCOTT WILLIAM 3,053,175
BAKER, JEANNE E. 3,052,538
BAKER, RHODES B. 3,052,978
BALASUBRAMANIAN, ASWIN 3,052,651
BALAZS, DONALD J. 3,052,706
BALDINO, GARY M. 3,052,791
BALL CORPORATION 3,052,955
BALL, SHIRLEY 3,052,628
BALMAYER, MATTHIEU 3,052,851
BALUCH, MOHAMED KHOSO 3,052,772
BALUCH, MOHAMED KHOSO 3,052,773
BALUCH, MOHAMED KHOSO 3,052,824
BANDOH, KWAKU 3,052,804
BANIN, EYAL 3,052,872
BANSASINE, NOUPHONE 3,052,788
BARBER, CHARLES JOSEPH 3,052,403
BARFIELD, SHILOH JESSE 3,053,146
BARNET, JOHN 3,052,741
BARO, JUERGEN 3,053,037
BARRAGAN, PATRICK 3,052,961
BARRETT, CHAD THOMAS 3,052,794
BARRETT, PHILIP A. 3,053,162
BARTHELME, DOMINIK 3,053,133
BARTHET, CHRISTELLE 3,053,070
BASF CORPORATION 3,052,878
BASF CORPORATION 3,052,906
BASF SE 3,052,632
BASF SE 3,053,037
BASF SE 3,053,071
BATINIC-HABERLE, INES 3,052,875
BAUMER, THOMAS 3,053,051
BAXALTA GMBH 3,053,176
BAXALTA INCORPORATED 3,053,176
BAYER AKTIENGESELLSCHAFT 3,052,519

Index des demandes PCT entrant en phase nationale

BAYER AKTIENGESELLSCHAFT 3,052,521
BAYER AKTIENGESELLSCHAFT 3,052,718
BAYER AKTIENGESELLSCHAFT 3,052,898
BAYER CROPSCIENCE AKTIENGELSELLSCHAFT 3,052,519
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 3,052,898
BAYER PHARMA AKTIENGESELLSCHAFT 3,052,718
BAYLEY, BRIAN 3,052,795
BAZBAZ, JACOBO 3,053,182
BEAUCAMP, ARNAUD 3,053,070
BECK, ERICH 3,053,037
BECTON, DICKINSON AND COMPANY 3,052,595
BECTON, DICKINSON AND COMPANY 3,052,979
BECTON, DICKINSON AND COMPANY 3,053,161
BEECHER, CHRISTOPHER 3,053,196
BELANOFF, JOSEPH K. 3,052,668
BELLER, MATTHIAS 3,052,387
BELLOWS, LANCE CLARK 3,053,183
BELOT, NEIL 3,052,741
BEN, YONG 3,052,652
BENDIK, MARIAN 3,053,176
BENDIKSEN, ERIC 3,052,720
BENDIX SPICER FOUNDATION BRAKE LLC 3,052,991
BENEO REMY 3,053,075
BENNETT, GAVIN 3,053,173
BENNETT, PATRICK W. 3,053,186
BENNETT, PATRICT W. 3,053,140
BERGQVIST, MIKAEL 3,052,526
BERGSTROM, MATTIAS 3,052,944
BERNER, CHRISTIAN 3,052,517
BERNIER, DAVID 3,052,519
BERTIN, JOHN J. 3,052,767
BETHOUART, CARINE 3,053,024
BEURCQ, JEAN-LUC 3,052,730
BHARDWAJ, RAHUL 3,052,447
BHAT, GIREESH 3,052,651
BHATTAD, KAPIL 3,048,641
BHATTAD, KAPIL 3,052,995
BI, PENGPENG 3,052,705
BIAGINI-MYERS, JOCELYN 3,052,796
BICHL, CHRISTOPH 3,052,690
BIECHELE, TRAVIS 3,052,837
BILLINGS, JOHN D. 3,052,791
BIOCORP PRODUCTION 3,052,675
BIOGAIA AB 3,052,383
BIOMIMETIX JV, LLC 3,052,875
BIOREGENCY, INC. 3,052,636
BJERGAARD, ERIC 3,052,644
BLACKWELDER, PAUL BRASFORD 3,052,681
BLAKE-HASKINS, JOHN ANDREW 3,052,652
BLANDY, IRENE SINN 3,053,110
BLIKSLAGER, ANTHONY 3,052,975
BLUEFIN BIOMEDICINE, INC. 3,053,164
BLUM, STEVEN C. 3,052,642
BLUNT, LIAM 3,052,901
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 3,052,928
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 3,053,116
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE 3,052,206
BOBRITCHI, CHRISTIAN 3,053,110
BODHI RESEARCH & DEVELOPMENT INC. 3,053,187
BOEHM, ERNST 3,053,176
BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC. 3,053,152
BOHRES, EDWARD 3,053,071
BOLLER, TIMOTHY M. 3,053,119
BONIN, PAUL 3,052,828
BORBO KARGBO, ROBERT 3,052,479
BORCHARDT, THOMAS B. 3,052,873
BORNICH, BERNT OIVIND 3,052,893
BOSKALJON, GERRIT 3,052,887
BOSKALJON, GERRIT 3,052,890
BOSKALJON, GERRIT 3,052,891
BOSTON SCIENTIFIC SCIMED, INC. 3,052,839
BOTTS, RICHARD EDWARD 3,052,976
BOURKE, PETER 3,052,771
BOURKE, PETER 3,053,078
BOURKE, PETER 3,053,080
BOWLES, CHRIS 3,052,793
BOYLAN, NICHOLAS J. 3,053,158
BOYLE, ADAM TAYLOR 3,052,792
BOYLE, ADRIAN 3,053,028
BOYLE, CHRISTINE E. 3,053,112
BRADBURY, JAMES 3,052,212
BRADNER, JAMES 3,053,006
BRADNER, JAMES 3,053,008
BRAGDO SMITH, JENS 3,052,761
BRANDHORST, SEBASTIAN 3,052,827
BRAUN, TIMOTHY P. 3,052,870
BRAVARD, JEROME 3,052,726
BREIDENBACH, CHRISTOF 3,053,167
BRENDER, JEFFREY R. 3,053,157
BREZAN, JURAJ 3,052,946
BRIEU, MATHIAS 3,052,686
BRIGNAC, CHASE M. 3,052,814
BRILLIANT LIGHT POWER, INC. 3,053,126
BRISTOL-MYERS SQUIBB COMPANY 3,052,639
BRITTELLE, SAMANTHA K. 3,053,175
BRONKHORST, GERT 3,052,887
BRONKHORST, GERT 3,052,890
BRONKHORST, GERT 3,052,891
BROWN, CLINT ADAM 3,052,651
BROWN, LARRY D. 3,053,153
BROWN, RACHEL CATHERINE 3,052,778
BROWN, RACHEL CATHERINE 3,052,804
BRUCE, DARYL 3,052,710
BRUGGEMAN, GEERT 3,053,075
BRUMENT, SAMI 3,052,919
BRUNET, STEPHANE 3,052,519
BUCHMAN, DANIELA TAMAR 3,052,821
BUCKLEY, DENNIS 3,053,006
BUCKLEY, DENNIS 3,053,008
BUCKMAN LABORATORIES INTERNATIONAL, INC. 3,052,624
BUFORD, JEREMY 3,052,633
BUNGE LODERS CROKLAAN B.V. 3,053,035
BUNGE LODERS CROKLAAN B.V. 3,053,040
BUNTRU, MATTHIAS 3,052,966
BURKE, PATRICK 3,052,837
BURKETT, ALAN DUNCAN 3,053,165
BURROW, CHRISTOPHER RANDOLPH 3,053,159
BUTLER, ANDREW JAMES 3,052,967
BUTTERFLY NETWORK, INC. 3,052,673
BUTULA, KRESO KURT 3,052,941
BYRNE, LEAH C. 3,053,154
C2CNT LLC 3,052,483
CADIX, ARNAUD 3,052,385
CALLOW, NICHOLAS 3,052,465
CAMPBELL, MICHAEL T. 3,053,172
CANNON, ANDREW 3,053,084
CANNTAB THERAPEUTICS LIMITED 3,052,564
CANTI, ENRICO 3,052,843
CAO, HENGCHU 3,052,680
CAO, JIANYING 3,052,979
CAPACITOR SCIENCES INCORPORATED 3,052,703
CARBON, JULIEN 3,052,729
CARDENAS, RUBEN 3,052,793
CARDINAL IG COMPANY 3,052,644
CAREY, SHON 3,052,394
CARRETERO, RAFAEL 3,052,718
CASCADE ENGINEERING, INC. 3,053,172
CASTENHOLZ, CLAUS 3,053,051
CASTILLO BARCENAS, FIDEL NAHUM 3,051,705
CATHX OCEAN LIMITED 3,053,028
CAUCHE, NICOLAS 3,052,839
CEBE, REGIS 3,052,911
CELEX GMBH 3,052,910
CENTRE HOSPITALIER ET UNIVERSITAIRE DE CLERMONT-FERRAND 3,052,908
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE 3,052,686
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,052,686

Index of PCT Applications Entering the National Phase

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,052,919
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,053,032
CERWENKA, ADELHEID 3,052,886
CHAEN, TAKASHI 3,052,938
CHANG, ANCHENG 3,052,879
CHANG, GREGORY P. 3,053,010
CHANG, SAMANTHA 3,053,110
CHAPMAN, DENNIS KEITH 3,053,163
CHEKE, DONALD B. 3,053,013
CHEN, ARMAND 3,052,722
CHEN, CHEN-FAN 3,052,988
CHEN, JENSEN 3,052,680
CHEN, TAII 3,052,879
CHEN, YAJIE 3,052,465
CHEN, YENYU 3,052,879
CHENG, YOU-JUNG 3,053,175
CHERNYKH, IVAN NIKOLAEVICH 3,052,867
CHERUKURI, MURALI K. 3,053,157
CHEUK, PHILIP 3,052,852
CHEUNG, ANN F. 3,053,010
CHIA, CHIN YANG 3,052,575
CHILDREN'S HOSPITAL MEDICAL CENTER 3,052,796
CHILDREN'S HOSPITAL MEDICAL CENTER 3,053,142
CHILDREN'S MEDICAL CENTER CORPORATION 3,052,704
CHIU, SHIHHAO 3,052,879
CHOI, CHULMIN 3,053,103
CHOMLEY, WILLIAM 3,053,106
CHOU, STEPHEN Y. 3,052,786
CHOU, STEPHEN Y. 3,052,809
CHOU, STEPHEN Y. 3,052,962
CHOU, STEPHEN Y. 3,052,963
CHOU, STEPHEN Y. 3,052,986
CHOU, STEPHEN Y. 3,053,002
CHOU, STEPHEN Y. 3,053,005
CHOU, STEPHEN Y. 3,053,009
CHOU, STEPHEN Y. 3,053,114
CHOU, STEPHEN Y. 3,053,120
CHOU, STEPHEN Y. 3,053,125
CHOU, STEPHEN Y. 3,053,132
CHRONO THERAPEUTICS INC. 3,052,821
CHUBB, RICHARD A. 3,053,013
CLARK, RICHARD JAMES 3,052,708
CLARKE, ELIZABETH JANE 3,052,760
CLARKE, ELLE ANN 3,053,163
CLARKE, PAUL 3,053,046
CLUB GAMING PTY LTD 3,052,710
CODARRI DEAK, LAURA 3,052,532
COLLINS, SHAWN 3,052,828
COLQUHOUN, DUNCAN 3,052,904
COLVIN, HOWARD 3,052,476
COLVIN, HOWARD 3,052,478
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,053,070
CONFER, LESLIE A. 3,053,150
CONMED CORPORATION 3,052,980
CONMED CORPORATION 3,052,983
CONMED CORPORATION 3,052,984
CONSORT MEDICAL PLC 3,052,390
CONVEYOR MANUFACTURERS AUSTRALIA PTY LTD 3,052,840
CONZE, PIERRE 3,052,726
COOKE, RONALD N. 3,052,770
COOPER TIRE & RUBBER COMPANY 3,052,476
COOPER TIRE & RUBBER COMPANY 3,052,478
COOPER, DAVID KENNETH 3,052,560
COPPOCK, VINCENT 3,052,531
COQUERON, PIERRE-YVES 3,052,519
COQUERON, PIERRE-YVES 3,052,898
CORCEPT THERAPEUTICS, INC. 3,052,668
CORDEIRO, MICHAEL 3,053,184
CORMEDIX INC. 3,052,784
CORNELL UNIVERSITY 3,052,781
CORNING INCORPORATED 3,052,970
CORNING RESEARCH & DEVELOPMENT CORPORATION 3,053,165
COSSETTE-LABROSSE, GABRIEL 3,049,570
COSSON, MICHEL 3,052,686
COUTURIER, ROBERT 3,052,640
COX, BRYAN F. 3,053,108
CP KELCO APS 3,053,043
CRAPO, JAMES D. 3,052,875
CREATIVE IMPACT INC 3,052,921
CROMBIE SPEERSCHNEIDER, AIMEE 3,052,479
CSIHONY, SZILARD 3,053,071
CSR BUILDING PRODUCTS LIMITED 3,053,169
CUBERG, INC. 3,052,988
CUBIC CORPORATION 3,053,173
CUKJATI, DEBORAH 3,052,633
CYR, STEVEN J. 3,052,634
CYTEC INDUSTRIAL MATERIALS (DERBY) LIMITED 3,052,723
CZUBAK, ROMAN 3,052,690
DAENEN, GEERT 3,053,075
DAHMEN, PETER 3,052,898
DAIICHI SANKYO COMPANY, LIMITED 3,052,938
DALE-BROWN, JAKE 3,052,904
DANA-FARBER CANCER INSTITUTE, INC. 3,053,006
DANA-FARBER CANCER INSTITUTE, INC. 3,053,008
DANDI BIOSCIENCE INC 3,052,940
DANIEL, JAMES TRAVIS 3,052,708
DAR, MOHAMMED 3,052,652
DARCE, JAIME 3,053,164
DARWELL, STEPHEN W 3,053,169
DATWYLER, SAUL 3,052,513
DAVENPORT, LANIER M. 3,052,976
DAVID, FREDERIC 3,053,152
DAVIS, IAN W. 3,050,714
DAVIS, JASON 3,052,989
DAVLETOV, BAZBEK 3,052,902
DAY, TIMOTHY P. 3,053,154
DE FIGUEIREDO DINIS OLIVEIRA GASPAR, PEDRO MIGUEL 3,052,833
DE KOK, STEFAN 3,052,635
DE LA RUE INTERNATIONAL LIMITED 3,052,533
DE LA RUE INTERNATIONAL LIMITED 3,052,534
DE LA RUE INTERNATIONAL LIMITED 3,052,541
DE LIMA, CHRISTOPHER MARK 3,053,035
DE LIMA, CHRISTOPHER MARK 3,053,040
DE MAILLARD, THIBAULT 3,052,730
DE MALIBRAN-SANTIBANEZ, AURELIE 3,053,152
DE VLEESCHOUWER, KRISTEL 3,053,075
DEBRAUWER, CHRISTELLE 3,053,024
DECARR, GRAIG EDMUND 3,052,967
DEISTER, CURT 3,052,948
DELGADO, SERGIO 3,052,680
DEMARAIS, NICHOLAS 3,052,633
DEMERS, JAMES P. 3,050,118
DEMIGLIO, ANDREW 3,052,644
DEMMONS, LAURA 3,052,795
DENENBERG, SCOTT 3,052,961
DENG, FUXI 3,052,348
DENG, FUXI 3,052,884
DEORE, BHAVANA 3,052,747
DEORE, BHAVANA 3,052,749
DEORE, BHAVANA 3,052,751
DERNTL, MICHAEL 3,053,007
DEVICE AND DESIGN, LLC 3,052,629
DEVIERE, JACQUES 3,052,839
DEVITT, JOHN WILLIAM 3,052,956
DEWHIRST, MARK 3,052,875
DHANJI, SALIM 3,052,877
DIDUR, JOSHUA 3,052,633
DIETRICHSON, STEIN 3,052,918
DILUCCIO, ROBERT 3,052,784
DING, WEI 3,052,786
DING, WEI 3,052,809
DING, WEI 3,052,962
DING, WEI 3,052,963
DING, WEI 3,052,986
DING, WEI 3,053,002
DING, WEI 3,053,005
DING, WEI 3,053,009
DING, WEI 3,053,114
DING, WEI 3,053,120
DING, WEI 3,053,125
DING, WEI 3,053,132
DIRGHANGI, ARJUN 3,053,011
DIRIGO TIMBERLANDS CO. 3,052,993
DISPLAY LOGIC USA INC. 3,052,947
DISTRAIMED 3,052,724
DIXON, ERIC ROBERT 3,052,680

DIXON, TYLER 3,052,977
DJAMGOZ, MUSTAFA 3,052,910
DJELASSI, CEDRIK 3,052,707
DO, DAVID THAO 3,052,979
DOLGONOS, ALEX 3,052,876
DOMINIC, PAARI 3,052,206
DOMINICK, DOUGLAS THOMAS 3,052,680
DONALDSON, RICHARD 3,052,904
DONG, WEI 3,053,009
DORAN, CIARA LOUISE 3,052,902
DOUBLE SHOOT LTD. 3,052,544
DOW AGROSCIENCES LLC 3,052,966
DOW GLOBAL TECHNOLOGIES LLC 3,052,619
DOWNEN, DANIEL 3,052,802
DRACH, GREGORY 3,052,948
DRAGANSKI, ANDREW 3,053,147
DRAGONFLY THERAPEUTICS, INC. 3,053,010
DREYER, ROGER 3,053,072
DROCHNER, HELMUT 3,053,007
DUARTE, FRANCISCO JOAO ANASTACIO 3,052,917
DUBOWCHIK, GENE M. 3,052,639
DUCROT, VIRGINIE PASCALE 3,052,898
DUKE UNIVERSITY 3,052,875
DUTTA, KAUSHIK 3,052,539
DVIR, HAIM 3,052,929
E.N.A. IMPECCABLE SKINCARE SOLUTIONS LTD 3,052,929
EADES, CALEB JOSHUA 3,053,168
EATON INTELLIGENT POWER LIMITED 3,052,967
EBRAHIMI, VAHID 3,052,628
ECODYST, INC. 3,053,136
ECOLE CENTRALE DE LILLE 3,052,686
ECOLE NATIONALE SUPERIEURE D'ARTS ET METIERS (ENSAM) 3,052,686
EDGAR, STEVEN 3,052,635
EDWARDS LIFESCIENCES CORPORATION 3,052,680
EGUCHI, HIROSHI 3,052,538
EINUNG HANSEN, ANDERS 3,052,720
EKATO RUHR- UND MISCHTECHNIK GMBH 3,052,517
ELBIT SYSTEMS LTD. 3,052,396
ELLIOT, DAN NURKO 3,051,705
EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. 3,052,800
EMNET, LLC 3,052,870
ENEJOSA, JOSE JEFFREY V. 3,052,873
ENGBERG, KAJ 3,052,828
ENVAC AB 3,053,098
EQUINOR ENERGY AS 3,052,761
ERRO GARCES, JAVIER 3,053,033
ERSHOV, IGOR ANATOLYEVICH 3,052,867
ESSENLIX CORP. 3,052,962
ESSENLIX CORP. 3,052,963
ESSENLIX CORP. 3,053,002
ESSENLIX CORP. 3,053,132
ESSENLIX CORPORATION 3,052,786
ESSENLIX CORPORATION 3,052,809
ESSENLIX CORPORATION 3,052,986
ESSENLIX CORPORATION 3,053,005
ESSENLIX CORPORATION 3,053,009
ESSENLIX CORPORATION 3,053,114
ESSENLIX CORPORATION 3,053,120
ESSENLIX CORPORATION 3,053,125
ETH ZURICH 3,052,725
ETTER, AUDREY 3,052,966
EUTILEX CO., LTD. 3,052,740
EVONIK DEGUSSA GMBH 3,053,000
EVRARD, BERTRAND 3,052,908
EXPERTON, BETTINA 3,053,159
EXXONMOBIL CHEMICAL PATENTS INC. 3,052,770
F. HOFFMANN-LA ROCHE AG 3,052,387
F. HOFFMANN-LA ROCHE AG 3,052,532
FABRY, NICOLAS 3,052,393
FACCIN, STEFANO 3,052,994
FALTER, STEPHAN 3,053,167
FALTUM, CARSTEN 3,052,910
FARACI, WILLIAM STEPHEN 3,053,158
FARMER, SEAN 3,052,465
FARMER, SEAN 3,052,977
FAUQUERT, JEAN-LUC 3,052,908
FECTEAU, MICHAEL T. 3,052,634
FEDERALNOE GOSUDARSTVENNOE BUDZHETNOE UCHREZHDENIE NAUKI INSTITUT FIZIKI METALLOV IMENI M.N. MIKHEEVA URALSKOGO OTDELENIYA ROSSIISKOI ACADEMII NAUK (IFM URO RAN) 3,052,972
FEDERICI, LUCA 3,052,395
FENG, ZIDING 3,053,116
FENSTER, AARON 3,052,876
FERRETTI, STEPHANE 3,052,543
FIEDLER, CHRISTIAN 3,053,176
FIES, MATTHIAS 3,053,071
FIFE, KEITH G. 3,052,673
FINBORUD, ANNE 3,052,761
FIRSTSTRING RESEARCH, INC. 3,053,096
FISCHER, JENS 3,052,532
FISCHER, RAINER 3,052,966
FISENI, ALEXANDER FELIX 3,053,167
FISHER CONTROLS INTERNATIONAL LLC 3,052,792
FIVES FCB 3,052,731
FIVES SOLIOS 3,052,731
FLANNERY, JOHN G. 3,053,154
FLATAU, TINA CAROLINE 3,052,903
FLECKENSTEIN, CHRISTOPH 3,053,037
FLEISCHHAKER, FRIEDERIKE 3,053,037
FLOM, JAMES 3,052,654
FLOM, JAMES 3,052,788
FLORES, NELLY ADRIANA ESTRADA 3,051,705
FLUORCHEMIE GMBH FRANKFURT 3,052,715
FLYNN, MICHAEL 3,053,028
FOGGIA, THEOPHANE 3,052,905
FOLAN, MARTYN G. 3,052,839
FONDAZIONE CITTA DELLA SPERANZA - ONLUS 3,052,739
FORCE, GREG 3,052,842
FORONCEWICZ, BARTOSZ 3,052,545
FORREST, BRUCE D. 3,052,621
FORSTER, MARTIN 3,053,007
FOSER, THOMAS 3,052,813
FOSTER, EDWARD LEE 3,052,674
FOUBET, GREGORY 3,052,724
FOUBET, MICHEL 3,052,724
FOUBET, OLIVIER 3,052,724
FOX, GABRIEL 3,052,535
FRALEIGH, NICHOLAS 3,052,741
FRANK, R. KEITH 3,052,973
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV 3,052,966
FRED HUTCHINSON CANCER RESEARCH CENTER 3,052,779
FREIBURGER, BENJAMIN R. 3,052,678
FRENZEL, STEFAN 3,053,071
FRESCHAUF, LAUREN R. 3,052,680
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 3,053,052
FRIEDMAN, ADAM 3,053,147
FRIEDMAN, JOEL 3,053,147
FRIEND, MICHAEL 3,052,992
FRIPP, MICHAEL LINLEY 3,052,651
FROSELL, THOMAS JULES 3,052,651
FU, XIAO 3,053,071
FUENTES RAMIREZ, MARTA 3,053,033
FUJII, AKIHIRO 3,052,930
FUNDACION PARA LA INVESTIGACION MEDICA APLICADA 3,052,529
FURI, MARC 3,052,766
FUTURA, PAUL T. 3,052,703
G.D SOCIETA PER AZIONI 3,052,395
G1 THERAPEUTICS, INC. 3,052,810
GAAL, PETER 3,052,995
GADD, DAVID 3,052,904
GADDE, UJCALA DEEPTHI 3,053,150
GAHLINGS, STEVEN A. 3,052,889
GALA, KAMILA 3,052,545
GALAXY FCT SDN. BHD. 3,052,575
GAMA, FERNANDO HENRIQUE DE SOUZA 3,052,713
GARBE, MARCEL 3,052,387
GARCIA, JOSUE SAUL ROSARIO 3,051,705
GARCIA, SADDY 3,053,113
GARCIA-MINA FREIRE, JOSE MARIA 3,053,033
GARFIELD, JAYDEN 3,053,113
GARTZ, JEFFREY D. 3,053,174
GAY, CYRIL 3,053,150
GC CORPORATION 3,052,930

Index of PCT Applications Entering the National Phase

GE RENEWABLE TECHNOLOGIES 3,052,905
GELEOC, GWENAELLE 3,052,704
GENENTECH, INC. 3,052,670
GENERAL ELECTRIC COMPANY 3,053,167
GENIX, PIERRE 3,052,519
GENOMSYS SA 3,052,772
GENOMSYS SA 3,052,773
GENOMSYS SA 3,052,824
GEVERS, MATTHEW H. 3,052,678
GHATNEKAR, GAUTAM 3,053,096
GIANNIS, MICHAEL 3,053,069
GIESELMANN, VOLKMAR 3,052,520
GIGAGEN, INC. 3,052,490
GILBERT, JULIAN CLIVE 3,052,535
GINDRAT, MALKO 3,052,721
GIOVANDO, BRUCE 3,052,741
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,052,767
GLEESON, BENTLEY F. 3,052,958
GNOTRIX, LLC 3,052,782
GODFREY, JOHN 3,052,533
GODFREY, JOHN 3,052,534
GODFREY, JOHN 3,052,541
GOEL, VIKASH 3,052,626
GOGARTY, STEPHEN 3,052,531
GOLDBERG, ANDREY RUDOLFOVICH 3,052,942
GOLDBERG, RONIT 3,052,774
GOLDMAN, AARON 3,052,987
GOLLA, MADHU 3,053,155
GOMES, JOSE MANUEL 3,052,539
GONG, YUHONG 3,052,753
GORBACH, PETER 3,053,007
GOROZHANIN, PAVEL YURYEVICH 3,052,867
GORSHTEIN, MASHA 3,052,872
GORTZ, ANDREAS 3,052,519
GORTZ, ANDREAS 3,052,898
GOUIN, SEBASTIEN 3,052,919
GOYON, ANNABELLE 3,052,667
GRANDHEE, SUNITHA 3,052,632
GRANINGER, MICHAEL 3,053,176
GRANT, IAIN 3,053,069
GRAUL, JEREMY 3,052,788
GREEN, DAMIAN 3,052,779
GREENFIELD, DEREK LORIN 3,052,760
GREENFIELD, RICHARD 3,052,536
GREIJDANUS, ALBERTIEN 3,052,806
GRIMES, ERIC 3,053,184
GRINBERG, ASYA 3,052,625
GRINBERG, ASYA 3,053,010
GRISTWOOD, ROBERT WILLIAM 3,052,535
GRNO, LADISLAV 3,052,945
GROENENDIJK, PETER E. 3,052,619
GROLLER, JACQUELINE 3,052,684
GROUPE GRAHAM INTERNATIONAL INC. 3,052,751
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS COPR., LTD. 3,052,899
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,052,682
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,052,733
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,052,871
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,052,874
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,052,883
GUDBRANDSEN, KAREN ANNE 3,052,761
GUDMUNDSSON, OLAFUR S. 3,052,639
GUERREIRO, NELSON 3,052,543
GUESDON, MATTHIEU 3,052,393
GUILLOT, BENOIT 3,053,017
GUIMARAES, CRISTIANO RUCH WERNECK 3,052,713
GULEWICZ, NEIL 3,052,852
GULLIPALLI, DAMODAR 3,053,155
GUPTA, ASHOK 3,052,652
GUTCHER, ILONA 3,052,718
GUZEL, MUSLUM 3,052,393
GWAK, YOUN YOUNG 3,053,104
HACOHEN, NIR 3,053,133
HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. 3,052,872
HAJI BEGLI, ALIREZA 3,053,075
HALLIBURTON ENERGY SERVICES, INC. 3,052,651
HALLIBURTON ENERGY SERVICES, INC. 3,052,769
HALODI ROBOTICS A/S 3,052,893
HAN, XIAOJUN 3,052,639
HANASH, SAMIR 3,053,116
HANES, AUSTIN TYLER 3,052,815
HANEY, WILLIAM 3,053,010
HANSSON, ALEXANDER 3,052,526
HAPPY SUGAR INC. 3,051,413
HARDER, KENNETH 3,052,877
HARLAN, C. JEFF 3,053,119
HARRIS, WILLIAM MATTHEW 3,052,778
HARRISON, WILLIAM LEE 3,052,677
HARTE, MATTHEW V. 3,052,978
HARTMAN, ADAM BLAKE 3,052,821
HATHEIER, JURGEN 3,052,887
HATHEIER, JURGEN 3,052,890
HATHEIER, JURGEN 3,052,891
HAWKINS, MICHAEL JOHN 3,052,479
HAYDEN, MICHAEL 3,050,700
HAYS, HENRY CHARLES WILSON 3,052,903
HE, KAI 3,053,107
HEADLEY, THOMAS R. 3,052,678
HEALTH RESEARCH, INC. 3,052,630
HEFFERNAN, TIMOTHY P. 3,053,006
HEFFERNAN, TIMOTHY P. 3,053,008
HEGDE, PRITI 3,052,670
HELLMERS, FRANK 3,053,000
HELMAN, NOAH CHARLES 3,052,760
HENNESSY, EDWARD JOHN 3,053,069
HENRY, OLIVIER F. 3,053,191
HERLAND, ANNA 3,053,191
HERMAN, JOHN 3,052,394
HERR, ROBERT JASON 3,052,479
HERRIDGE, JOSEPH RONALD 3,053,165
HERSHEY, GURJIT K. 3,052,796
HIDALGO CASTADO, JUAN JOSE 3,053,098
HIFI ENGINEERING INC. 3,052,852
HILL, TYLER 3,052,779
HILTI AKTIENGESELLSCHAFT 3,052,813
HIROSE, SAKIKO 3,053,092
HISCOCK, DONALD F. 3,053,043
HKL MEDICAL, LLC 3,053,122
HO, TONY 3,052,652
HOBBS, PETER 3,052,531
HODAK, HENRICH 3,052,946
HOEMSKE, BENJAMIN 3,053,167
HOFEL, TORBEN 3,052,920
HOFFMANN, ANDRE 3,052,699
HOFFMASTER, CARL 3,052,394
HOLDERMAN, LUKE WILLIAM 3,052,651
HOLEKAMP, TERRENCE FLETCHER 3,053,122
HOLLEY, BROCK E. 3,052,678
HOLLIS, RICHARD 3,052,723
HOLOGIC, INC. 3,053,184
HOLST, THORSTEN 3,052,764
HOLT, JEFFREY 3,052,704
HOLZLEITNER, BERND 3,053,007
HOSAHALLI, SUBRAMANYA 3,053,068
HOU, JILEI 3,052,486
HSU, CHIHJUNG 3,052,879
HU, JIANXIN 3,052,842
HU, XU 3,052,794
HUANG, ZIQIANG 3,052,834
HUAWEI TECHNOLOGIES CO., LTD. 3,052,996
HUGHES NETWORK SYSTEMS, LLC 3,052,982
HULL, JOHN 3,052,852
HUMETRIX.COM, INC. 3,053,159
HUNT, BARRY F 3,053,184
HUNTER, TIMOTHY HOLIMAN 3,052,769
HUSENI, MAHRUKH 3,052,670
HUSSAIN, ALI 3,052,765
HUTCHINSON 3,053,017
IANNONE, ROBERT 3,052,652
ICHIKAWA, JUNYA 3,052,938
IFTF HOLDING LTD 3,052,560
IGL PHARMA, INC. 3,052,973
IGOE, COLUM 3,052,805
IIDA, KENJI 3,052,938
ILLUMINA, INC. 3,053,175

Index des demandes PCT entrant en phase nationale

IMAGR LIMITED 3,053,106
IMHOF-JUNG, SABINE 3,052,532
INDUSTRIAL MICROBES, INC. 3,052,760
INGBER, DONALD E. 3,053,191
INNES, JOHN 3,053,087
INNOVATE BIOPHARMACEUTICALS, INC. 3,052,975
INOKUMA, MARGARET 3,052,595
INOSPRAY 3,052,730
INSTITUT DE RECHERCHE ET DE COORDINATION ACOUSTIQUE/MUSIQUE 3,053,032
INVENTIO AG 3,052,896
IRIS, JEFFREY 3,053,011
IRIYAMA YUSUKE 3,052,801
IRLBACHER, HORST 3,052,718
IROA TECHNOLOGIES, LLC 3,053,196
IRRGANG, TOBIAS 3,053,052
ISHIDA, AKIHARU 3,053,091
ISHIKAWA, SHIN 3,052,937
ISHIZUKA, MASAYUKI 3,052,835
ITAHASHI, TAMON 3,052,838
ITOU, KAZUSHI 3,052,757
ITT MANUFACTURING ENTERPRISES LLC 3,052,957
IXENSOR CO., LTD. 3,052,879
JABLONSKI, ANGELA MARIE 3,052,538
JACKSON, GREGORY A. 3,053,105
JAGER, MARCO, DICK 3,052,728
JALILIAN, SEYED EHSAN 3,052,852
JANG, MAN 3,052,700
JANG, SEOK GEUN 3,053,104
JANNEY, TAYLOR 3,052,828
JAQUESS, PERCY 3,052,624
JAYANTH, JAYANTHY 3,052,873
JAYASINGHE, LAKMAL 3,053,086
JCR PHARMACEUTICALS CO., LTD. 3,052,936
JEAL, WILLIAM 3,053,084
JEAY, SEBASTIEN 3,052,543
JENOSKI, RAYMOND 3,053,184
JENSEN, LEIF HELTH 3,052,910
JEONG, JAE U. 3,052,767
JERGER, GARY THOMAS 3,053,163
JFE STEEL CORPORATION 3,052,692
JFE STEEL CORPORATION 3,052,937
JHA, NEILANK K. 3,053,187
JI, HONG 3,052,796
JIANG, CHUANGXIN 3,052,753
JIANG, JING 3,052,486
JIANG, TAO 3,052,957
JIN, SUNGHO 3,053,103
JIN, XIAOPING 3,052,652
JOHANSEN, ALEXANDER ROSENBERG 3,052,212
JOHNSON & JOHNSON CONSUMER INC. 3,053,180
JOHNSON, DAVID SCOTT 3,052,490
JOHNSON, JERRY RICHMOND 3,052,866
JOKINEN, JARMO 3,052,687
JONES, BRYANT 3,053,134
JONES, STEPHANIE RHIANON 3,052,760
JORDAN, INGO 3,052,895
JULLION, ASTRID 3,052,543
JUNGE, KATHRIN 3,052,387
JUNGERWIRTH, STEVEN 3,052,873
JURKIEWICZ, DAMON 3,053,183
JUTRAS, RENEE 3,053,112
JUVONEN, SEPPO 3,052,687
KAISER, WILLIAM 3,052,654
KAISER, WILLIAM 3,052,788
KAISER, WILLIAM 3,052,793
KALLER, MARTIN 3,053,037
KALNIK, MATTHEW W. 3,052,928
KANAKI TATSURO 3,052,801
KANE, MICHAEL J. 3,052,980
KANE, MICHAEL J. 3,052,983
KANE, MICHAEL J. 3,052,984
KANG, WEI 3,053,171
KANGPU BIOPHARMACEUTICALS, LTD. 3,052,516
KARATHUR, KARTHIK N. 3,052,465
KARATOPRAK, ERINC 3,052,887
KARATOPRAK, ERINC 3,052,890
KARATOPRAK, ERINC 3,052,891
KARC, JEFFREY 3,052,978
KARLSON, DOUGLAS 3,052,795
KARLSSON, PETER 3,052,943
KARTHAUSER, JOACHIM 3,052,918
KATSAVOUNIDIS, IOANNIS 3,052,657
KAUVOSAARI, SAKARI 3,052,685
KAWAMURA, DAICHI 3,052,757
KAWATA, MOTOSHIGE 3,053,092
KEATING, THOMAS M. 3,052,839
KELL, ARNOLD J. 3,052,742
KELL, ARNOLD J. 3,052,747
KELL, ARNOLD J. 3,052,749
KELL, ARNOLD J. 3,052,751
KELLER, THOMAS 3,053,134
KELLEY, JASON 3,052,394
KELLY, BRIAN 3,053,069
KELLY, MICHAEL PATRICK 3,053,122
KELLY, PETER 3,053,178
KEMPERMAN, ROBIN HENDRIKUS JOHANNES 3,053,196
KENNEL, PHILIPPE 3,052,519
KERTESZ, RUBEN 3,052,870
KETELAARS, JEROEN 3,052,676
KEVIL, CHRISTOPHER G. 3,052,206
KHANER, HANITA 3,052,872
KIBLER, TYLER 3,052,741
KIEDERLE, GUNTER 3,052,892
KIINJA CORPORATION 3,053,105
KILCHER, SAMUEL 3,052,725
KIM, DAE BONG 3,052,765
KIM, KWANG-SOO 3,052,622
KIM, SUN-YOUNG 3,052,940
KIM, YONG JOO 3,052,815
KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY 3,052,540
KING, STEVEN 3,052,642
KINGSPAN HOLDINGS (IRL) LIMITED 3,052,531
KIRCHNER, NATHAN GRAHAM EDWARD 3,052,845
KIRKLEY, KEVIN 3,052,830
KIRKLEY, KEVIN 3,052,842
KISHIMOTO, SHUN 3,053,157
KITZMILLER, RYAN 3,053,170
KLACHKOV, ALEXANDER ANATOLYEVICH 3,052,867
KLEIN, CHRISTIAN 3,052,532
KLEIN, JACOB 3,052,774
KLEVERNESS INCORPORATED 3,051,705
KLEY, NIKOLAI 3,052,523
KLEYMAN, GENNADY 3,052,983
KLIT, CARSTEN 3,053,043
KLUG, RICHARD 3,053,161
KLUMP, LESLIE 3,052,633
KLUNDER, BEN 3,052,873
KLUSSMAN, BERTRAND R. 3,052,649
KLUSSMANN, BERTRAND R. 3,052,981
KNODE, GALEN E. 3,052,978
KO, GI HOON 3,053,104
KOBER, CHRISTINA 3,052,718
KOCH, JOACHIM 3,052,886
KOEGEL, MARKUS 3,052,878
KOEGEL, MARKUS 3,052,906
KOLL, GREGORY 3,053,180
KOMATSU LTD. 3,053,100
KONCHENKO, ANDREY SERGEEVICH 3,052,941
KONDO, DAISUKE 3,053,100
KONIG, MARCO 3,052,517
KOOC, LINH L. 3,052,447
KOPPELMAN, RACHEL 3,052,390
KOREA MARINE ENVIRONMENT MANAGEMENT CORPORATION 3,052,700
KORELSKIY, EVGENY PAVLOVICH 3,052,941
KOSONEN, MIKA 3,052,685
KOTCH, FRANK W. 3,052,539
KOVACEVICH, IAN 3,052,788
KOZLOWSKI, ERIC 3,052,989
KRAFT FOODS GROUP BRANDS LLC 3,052,778
KRAFT FOODS GROUP BRANDS LLC 3,052,804
KRATA, NATALIA 3,052,545
KREAGER, DON 3,052,465
KRIEGEL, JACOB 3,052,806
KROEGER, JENS 3,052,851
KTM AG 3,053,007
KUDO, SHOTA 3,052,938
KUHLMAN, ROGER L. 3,053,119
KULAKOWSKI, JOSEPH 3,052,633
KUMAR, NAMEET 3,052,869
KUMAR, RAJESH 3,052,632
KURLAND, JOHN 3,052,652
KUSSEROW, MARTIN 3,052,896
KUSUNOKI, TOMOYUKI 3,052,696
KUZNETSOV, ALEXANDER NIKOLAEVICH 3,052,867
KUZNETSOV, MIKHAIL INNOKENTYEVICH 3,052,972
KWON, BYOUNG S. 3,052,740

LACH, PATRICK 3,049,570
LACH, RAYMOND 3,049,570
LAFERRE, KELLY 3,052,628
LAFRENIERE, SYLVIE 3,052,751
LAGALANTE, DANIEL 3,053,011
LAGRANGE, TIMOTHY E. 3,053,174
LAIDLER, IAN 3,052,901
LAINE, PASI 3,052,719
LAING O'ROURKE AUSTRALIA PTY LTD 3,052,845
LAKIN, BRIAN 3,052,782
LAMBERT, NATHANIEL A. 3,052,634
LANDRUM, TRAMPUS LEE 3,053,165
LANDSCAPE STRUCTURES INC. 3,053,134
LARNER, STEPHEN F. 3,052,636
LAROUCHE, FREDERIC 3,052,851
LAROUCHE, NICHOLAS 3,052,851
LARSEN, TOM 3,052,764
LATIMER, JESS 3,052,741
LAUGHLIN, MARY 3,053,129
LAWRENCE, MICHAEL R. 3,052,639
LAWRENCE, NATHAN 3,052,889
LAXMINARAYA, JOSHI 3,052,564
LAZAREV, PAVEL IVAN 3,052,703
LE PAPE, PATRICE 3,052,919
LEBEDINKSI, NIKOLAY 3,052,632
LECOMTE, PAULINE 3,052,686
LEE, JOONG WON 3,052,740
LEE, JUNG AH 3,052,785
LEE, JUNG AH 3,052,787
LEE, KANG KYUNG 3,053,104
LEE, SANG-SEOB 3,052,700
LEE, SEOUNG-JOO 3,052,740
LEE, SEUNGHYUN 3,052,740
LEE, WEN-CHERNG 3,052,516
LEE, YUNHEE 3,052,765
LEESON, KIM 3,052,537
LEFEBVRE, PHILIPPE 3,053,024
LEISKE, CHRIS 3,052,837
LEISKE, JOCELYN 3,052,837
LEKA, LAWRENCE G. 3,052,676
LENKE, LAWRENCE GERARD 3,053,122
LEVECKE, BART 3,053,075
LEVY, BRUCE 3,052,271
LEYVA ROS, MARCO POLO 3,051,705
LI, GANG 3,052,625
LI, JI 3,052,809
LI, JI 3,052,963
LI, JI 3,053,132
LI, JIAN 3,052,486
LI, XUERU 3,052,996
LI, YUNGOK 3,052,753
LIAN, STEIN 3,052,720
LIAO, BAISONG 3,052,516
LICHT, STUART 3,052,483
LILLEHOJ, HYUN S. 3,053,150
LIM, YONG TAIK 3,052,940
LIMA DE AGUIAR, MARTIM 3,052,833
LIN, CHUN 3,052,800
LIN, CHUNCHENG 3,052,879
LIN, WEIFENG 3,052,774
LIN, YANAN 3,052,682
LIN, YANAN 3,052,871
LIND, SVEN 3,052,943
LINDE AKTIENGESELLSCHAFT 3,052,920
LINDNER, STEFAN 3,052,900
LIPOVSEK, DASA 3,052,639
LIU, GUODONG 3,052,479
LIU, XIANG YANG 3,052,747
LIU, XIANGYANG 3,052,742
LOCASCIO, TIMOTHY R. 3,052,791
LOCKE, REBECCA 3,052,533
LOCKE, REBECCA 3,052,534
LOCKE, REBECCA 3,052,541
LOCUS IP COMPANY, LLC 3,052,977
LOCUS OIL IP COMPANY, LLC 3,052,465
LOESSNER, MARTIN JOHANNES 3,052,725
LOGOS TECHNOLOGIES, LLC 3,052,437
LOHITHARN, NATTAPORN 3,052,437
LOKHANOV, DMITRIY VALERIEVICH 3,052,867
LONGO, VALTER D. 3,052,827
LONNING, SCOTT MICHAEL 3,053,164
LOPES FERREIRA, ADELINO JORGE 3,052,917
LOPES, EDSON 3,052,793
LOPEZ, JOSUE R. JUARBE 3,052,778
LORD, PAUL DAVID 3,053,107
LU, ALBERT L. 3,052,794
LU, CHENGCHIEN 3,052,672
LU, FRANKLIN 3,052,635
LU, SHAWN 3,052,814
LU, ZHAOHUA 3,052,753
LUBE, IVAN IGOREVICH 3,052,867
LUDVIG, MARIA MARGARET 3,052,674
LUM, GARY 3,052,795
LUNZER, FLORIAN 3,052,684
LUTRON TECHNOLOGY COMPANY LLC 3,052,978
MA, BAOLI 3,052,997
MA, HUANYU 3,052,997
MA, JUN 3,053,035
MA, JUN 3,053,040
MA, SHOUXIANG MARK 3,053,194
MA, XIAOHUA 3,052,540
MACDONALD, JOHN 3,052,904
MACHADO DE LACERDA, ANA PAULA 3,052,873
MACIVER, IVOR 3,052,536
MACPHERSON, DIETER 3,052,741
MADAN, JAY 3,052,975
MADDURI, KRISHNA 3,052,966
MADERA, GIOVANNI 3,052,395
MADONNA, ROBERT P. 3,052,791
MADSEN, CORT S. 3,052,639
MAGEMA TECHNOLOGY, LLC 3,052,649
MAGEMA TECHNOLOGY, LLC 3,052,981
MAGIC LEAP, INC. 3,052,831
MAGIC LEAP, INC. 3,052,834
MAGNA SEATING INC. 3,052,989
MAINTAIN YOUR EDGE, LLC 3,052,802
MAJUMDER, PRADIP K. 3,052,987
MALASHOCK, DANIEL STEPHEN 3,052,538
MALAVARCA, RICHARD HAROLD 3,053,146
MALCOLM, ROGER J. 3,052,793
MALEK, ANDRZEJ 3,052,619
MALENFANT, PATRICK ROLAND LUCIEN 3,052,742
MALENFANT, PATRICK ROLAND LUCIEN 3,052,747
MALENFANT, PATRICK ROLAND LUCIEN 3,052,749
MALENFANT, PATRICK ROLAND LUCIEN 3,052,751
MALLON, STEPHEN 3,052,882
MAMCHENKO, VLADISLAV ANATOLYEVICH 3,052,867
MANAHAN, JOSEPH MICHAEL 3,052,967
MANCINI, MICHELE 3,052,542
MANICKA, RAJENDRAN 3,051,413
MAOZ, BEN M. 3,053,191
MAPELLI, CLAUDIO 3,052,639
MARCUCCIO, SUZI MARIE 3,052,651
MARIANO, JORDI PEREZ 3,052,795
MARINO, JAIME 3,052,513
MARJORAM, DARRELL JOHN 3,052,392
MARROUM, PATRICK J. 3,052,873
MARS, INCORPORATED 3,052,904
MARSHAK, RICHARD B. 3,053,108
MARSHALL, PHILIP ANDREW 3,053,178
MARTIN, LISA J. 3,052,796
MARTIN, PETER S. 3,053,119
MARTINEAU, GONTRAN 3,052,729
MARVICK FUELCELLS LTD. 3,052,716
MASCARELLO, ALESSANDRA 3,052,713
MASINI, PAOLO 3,052,956
MATSUMOTO, IZUMI 3,052,757
MATZNER, ULRICH 3,052,520
MAXI-THERME INC. 3,049,570
MAY, MICHAEL W. 3,052,950
MAY, MICHAEL W. 3,053,101
MAYER, PETER T. 3,052,873
MAYRHOFER, CHRISTIAN 3,053,007
MCARDELL, ROGER NICHOLAS 3,052,546
MCCANN, BRYAN 3,052,212
MCCANTY, PATRICK 3,052,878
MCCANTY, PATRICK 3,052,906
MCCLURE, JASON 3,053,110
MCCOULL, WILLIAM 3,053,069
MCCULLOUGH, ADAM B. 3,052,482
MCDONNELL, BRYANT 3,052,870
MCDOUGAL, MAHSA 3,053,119
MCFATRICH, CHARLES MICHAEL 3,046,208
MCGONAGLE, RYAN 3,052,465
MCHUGH, GEORGE J., IV 3,052,958
MCHUGH, JAMES P. 3,052,958
MCKNIGHT, GARY DAVID 3,052,403
MCMAHON, WILLIAM F. 3,052,706
MCMURTREY, WESLEY 3,052,453
MCNALLY, GERARD 3,053,180
MCNAUGHTON, DAVID P. 3,052,838

Index des demandes PCT entrant en phase nationale

MCOWAN, PETER 3,052,391
MCQUISTON, BETH 3,052,513
ME THERAPEUTICS INC. 3,052,877
MEDANNEX LTD. 3,052,903
MEDIMMUNE, LLC 3,052,652
MEDRICKY, HYNEK 3,052,756
MEGIN OY 3,052,719
MEI, MENG 3,052,753
MEILLE, CHRISTOPHE 3,052,543
MEIRING, WOUTER, JAN 3,052,728
MEISSNER, RUTH 3,052,519
MEISSNER, RUTH 3,052,898
MENASHA CORPORATION 3,052,706
MERCK PATENT GMBH 3,053,068
MERCK SHARP & DOHME CORP. 3,052,538
MERHI, SOUHEIL 3,052,852
MERKLE, HELLMUT 3,053,157
MERLIN, ETIENNE 3,052,908
MERRIMAN, BARRY L. 3,053,103
METRO, GOPAL 3,053,011
MIAO, YONG 3,052,722
MICHAEL TODD BEAUTY LP 3,052,992
MICHAUD, ELODIE 3,052,908
MICHELS, SHAWN 3,053,109
MIECZKOWSKI, CARL 3,052,538
MIKALSEN, JARLE 3,052,720
MIKIO KASSUYA, ROBERTO 3,053,059
MILLAY, DOUGLAS 3,053,142
MILLER, BLAINE 3,052,993
MILLER, KEVIN ALFONSO 3,052,674
MILLER, RICARDA 3,052,519
MILLER, RICARDA 3,052,898
MILLER, WILLIAM 3,052,628
MILLIKEN & COMPANY 3,052,790
MILLS, RANDELL L. 3,053,126
MILSOM, JEFFREY 3,052,781
MISKOWSKI DAUBERT, TAMARA ANN 3,052,479
MISSKE, ANDREA 3,053,037
MITCHELL S., STEINER 3,052,157
MITCHELL, JAMES B. 3,053,157
MITKIDIS, GEORGIOS 3,052,530
MITRA RXDX, INC. 3,052,987
MIWA, TAKASHI 3,053,155
MIYATA, HIDENORI 3,053,091
MIYAZAKI, TAKAHIRO 3,052,696
MIZRAHI, RENA AVIVA 3,052,490
MIZUNO, MINORU 3,053,090
MOEL, ALBERTO 3,052,961
MOHAMED, MOHAMED-ESLAM 3,052,873
MOHRMANN, HOLGER 3,052,548
MOILANEN, REBEKAH LAUREN 3,052,669
MOITY, LAURIANNE 3,053,073
MOITY, LAURIANNE 3,053,074
MOLA, PAUL W. 3,053,103
MOLECULAR INFUSIONS, LLC 3,053,158
MONSANTO TECHNOLOGY LLC 3,050,714
MONTESTRUQUE, LUIS 3,052,870
MONTUENGA BADIA, LUIS 3,052,529
MOORE, MICHAEL J. 3,052,649
MOORE, MICHAEL J. 3,052,981
MOORE, SCOTT DAVID 3,052,592
MORATORIO, GUILLERMO W. 3,052,680
MOREL, DIDIER 3,053,161
MORGAN, PHILLIP J.I. 3,052,671
MORHENN, HEINRICH 3,052,521
MORIN, PAUL E. 3,052,639
MORRIS, SHANNON 3,052,652
MORSTATT, SCOTT 3,052,512
MORTON, DON 3,052,741
MORTON, KEITH 3,052,947
MOUNT TAM THERAPEUTICS, INC. 3,053,108
MOWBRAY, MATHEW PETER 3,052,921
MOZENSON, OLGA 3,052,749
MUCHA, KRZYSZTOF 3,052,545
MUELLER-CRISTADORO, ANNA 3,053,071
MULHERN, MATHEW M. 3,052,873
MULTI-CHEM GROUP, LLC 3,053,107
MULTNER, BENJAMNIN 3,052,517
MUNASINGHE, JEEVA P. 3,053,157
MURACA, MAURIZIO 3,052,739
MURAKAMI, TAKASHI 3,052,538
MURLIDHARAN, GIRIDHAR 3,052,829
MURPHY, JEAN LOUIS 3,053,185
MUTH, MAXIMILAN 3,052,892
MYERS, MICHAEL C. 3,052,639
NABERNIK, STANE 3,052,892
NABET, BEHNAM 3,053,006
NABET, BEHNAM 3,053,008
NAJAFIAN, SHAHRIAR 3,052,836
NAJI, BEHNAM 3,052,830
NAKAJIMA HIROYUKI 3,052,801
NAKAMURA, KENSUKE 3,052,938
NAKAMURA, YUUTA 3,052,757
NAMIKI, NAOKO 3,052,538
NANNAPANENI, KISHORE 3,046,208
NANRI, YU 3,053,100
NANT HOLDINGS IP, LLC 3,052,803
NANTCELL, INC. 3,052,803
NARANJO GUTIERREZ, JUAN DIEGO 3,052,489
NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION 3,053,092
NATIONAL OILWELL VARCO DENMARK I/S 3,052,764
NATIONAL OILWELL VARCO, L.P. 3,052,964
NATIONAL RESEARCH COUNCIL OF CANADA 3,052,742
NATIONAL RESEARCH COUNCIL OF CANADA 3,052,747
NATIONAL RESEARCH COUNCIL OF CANADA 3,052,749
NATIONAL RESEARCH COUNCIL OF CANADA 3,052,751
NATIONAL UNIVERSITY OF SINGAPORE 3,050,700
NAUD, SEBASTIEN 3,052,519
NAVATI, MAHANTESH 3,053,147
NECINA, ROMAN 3,053,176
NENGFEI, XU 3,052,992
NEON THERAPEUTICS, INC. 3,053,133
NERRIS, ANTHONY 3,052,465
NETFLIX, INC. 3,052,657
NEUMANN, BJOERN 3,052,878
NEUMANN, BJOERN 3,052,906
NEVLUD, KENNETH 3,052,394
NEWLEAF SYMBIOTICS, INC. 3,046,208
NG, ALBERT KOK FOO 3,052,575
NGUYEN, PHILIP 3,053,107
NGUYEN, PHUONG 3,052,893
NGUYEN, SI 3,052,787
NIAZI, KAYVAN 3,052,803
NICHIHA CORPORATION 3,053,094
NIELSEN, IAN BRADLEY 3,053,166
NIESKENS, DAVY L.S. 3,052,619
NILL, JOHN B. 3,052,978
NIPPON STEEL CORPORATION 3,052,696
NIPPON STEEL CORPORATION 3,053,102
NISSAN CHEMICAL CORPORATION 3,052,801
NISSAN NORTH AMERICA, INC. 3,052,951
NISSAN NORTH AMERICA, INC. 3,052,952
NISSAN NORTH AMERICA, INC. 3,052,953
NISSAN NORTH AMERICA, INC. 3,052,954
NIWA MASATOSHI 3,052,801
NOGIWA, IMIHIRO 3,052,835
NOLAN, RYAN 3,053,171
NONIASHVILI, ALEKSEY ILJICH 3,052,942
NORDENG, MIKAEL 3,052,918
NORDSTROM, FREDRIK LARS 3,052,873
NORLENIUS, TOMAS 3,053,098
NORTH CAROLINA STATE UNIVERSITY 3,052,842
NORTH CAROLINA STATE UNIVERSITY 3,052,975
NOVARTIS AG 3,052,543
NOVARTIS AG 3,052,911
NOVOMATIC AG 3,052,690
NOXSANO INC. 3,053,141
NPROXX B.V. 3,053,051
NZ TECHNOLOGIES INC. 3,052,869
O'CONNELL, JOHN F., JR. 3,050,118
O'CONNELL, MICHAEL 3,052,949
O'NEIL, VIRGIL 3,053,153
OBERMARK, STEPHEN DOUGLAS 3,052,815
OBERMARK, WILLIAM FRANCIS 3,052,815
OBOLENSKY, ALEX 3,052,872
OBSHCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIU "NPO "PROMRESURS" (OOO "NPO "PROMRESURS") 3,052,972

OCADO INNOVATION LIMITED 3,053,046
OCHODNICKY, PAVOL 3,052,946
OERLIKON METCO AG, WOHLEN 3,052,721
OH, CHULWOO 3,052,831
OHLSSON, OSCAR 3,052,944
OHRLEIN, JOHANNES 3,053,000
OHTSUKA, TOSHIAKI 3,052,938
OKLEJAS, ELI, JR. 3,053,170
OKLEJAS, ROBERT A. 3,053,170
OLIVA, RYAN 3,053,184
OLIVEIRA FAEL, PAULO MANUEL 3,052,917
OLIVER, DAVID 3,052,531
OLLAND, STEPHANE 3,052,911
OLSON, ERIC N. 3,052,705
OLSSON, CHRISTIAN 3,052,943
OMIDVAR, NAVID 3,052,964
OMIX-ADA, INC. 3,053,140
OMIX-ADA, INC. 3,053,186
ONCOLOGY RESEARCH INTERNATIONAL LIMITED 3,053,178
ONO PHARMACEUTICAL CO., LTD. 3,053,091
OREXPLORE AB 3,052,526
ORIONIS BIOSCIENCES NV 3,052,523
ORRICO, MICHAEL RAYMOND 3,052,948
ORTHOGENICS AS 3,052,720
OSAKA UNIVERSITY 3,053,100
OSHIMA, MASAHIRO 3,053,092
OSLUND, ROB CARL 3,053,133
OTHMAN, AHMED 3,052,873
OUTOKUMPU OYJ 3,052,900
OUTOTEC (FINLAND) OY 3,052,685
OUTOTEC (FINLAND) OY 3,052,687
OUTOTEC (FINLAND) OY 3,052,771
OUTOTEC (FINLAND) OY 3,053,078
OUTOTEC (FINLAND) OY 3,053,080
OWEN OIL TOOLS LP 3,053,174
OWEN, DAVID 3,053,069
OXFORD NANOPORE TECHNOLOGIES LIMITED 3,053,086
PAAR, WILLIBALD 3,052,684
PACZEK, LESZEK 3,052,545
PAHL, JENS 3,052,886
PAJARES VILLANDIEGO, MARIA JOSEFA 3,052,529
PANGAN, AILEEN L. 3,052,873
PANIGRAHI, SUNIL KUMAR 3,053,068
PAPASAKELLARIOU, ARIS 3,052,762
PAQUET, CHANTAL 3,052,742
PAQUET, CHANTAL 3,052,747
PAQUET, CHANTAL 3,052,749
PAQUET, CHANTAL 3,052,751
PARASKAR, ABHIMANYU 3,053,158
PARDO, FREDERIC PHILIPPE JEAN-JACQUES 3,052,729
PARKER, JOHN 3,052,788
PARKER, KEVIN K. 3,053,191
PARKHONYUK, SERGEY DMITRIEVICH 3,052,941
PARMENTIER BATTEUR, SOPHIE 3,052,538
PARTOVI, ALIREZA 3,052,870
PASQUINET, ERIC 3,053,070
PASTA, MAURO 3,052,988
PAT&CO BVBA 3,053,061
PATEL, AVNI 3,052,806
PATEL, VIMALKUMAR B. 3,052,539
PATROUIX, LAURENT 3,052,686
PATSERKOVSKIY, ROMAN PETROVICH 3,052,972
PAVLINA, ERIK JAMES 3,052,990
PAVLOV, VALERIY ANATOLIEVICH 3,052,941
PEDEN, ANDREW ALEXANDER 3,052,902
PEDERSEN, LIAM 3,052,951
PEDERSEN, LIAM 3,052,952
PEDERSEN, LIAM 3,052,953
PEDERSEN, LIAM 3,052,954
PEDERSEN, TOMMY EWI 3,053,043
PEDERSON, NELS ERIC 3,053,164
PELFREY, RON 3,052,800
PEREZ, ERNESTO J. 3,052,676
PEREZ, JOSE 3,052,814
PERRO, MARIO 3,052,532
PESSA, LISANDRA RAVANELLI 3,052,713
PETERS, DAVID ERIC 3,052,672
PETERSEN, TIMOTHY WAYNE 3,052,979
PETRUZZIELLO, FERNANDO 3,053,004
PETTIS, RONALD 3,053,161
PFIZER INC. 3,052,539
PFORTJE, RENE 3,053,167
PHARMOCON LLC 3,050,118
PHILLIPS, ANDREWS J. 3,053,006
PHILLIPS, ANDREWS J. 3,053,008
PHOENIXSONGS BIOLOGICALS, INC. 3,053,146
PHOTONICARE, INC. 3,053,171
PIERECHOD, MARCIN 3,052,727
PILETTE, KEVIN 3,052,729
PILKINGTON GROUP LIMITED 3,053,087
PIN, NICOLAS 3,053,070
PINNAU, INGO 3,052,540
PIO OSES, RUBEN 3,052,529
PIONEER HI-BRED INTERNATIONAL, INC. 3,052,794
PISCITELLI, CHAYNE LEE 3,052,938
PITCO FRIALATOR, INC. 3,052,634
PITIS, PHILIP MICHAEL 3,052,479
PLACE, WAYNE 3,052,842
PLATTEN, MICHAEL 3,052,718
PLETNYOV, ALEX 3,052,852
POHL, UWE 3,052,521
POLYTEX FIBERS CORPORATION 3,053,182
PONTONIO, STEVEN J. 3,053,162
POOLA, INDIRA 3,052,798
PORA, BERNARD 3,052,722
PORTA, EARNEST W. 3,053,150
PORTAL, JEROME 3,052,731
PORWAL, ANSHUL 3,052,869
POULADI, MAHMOUD ABDULHOSSEIN 3,050,700
POWERS, TIMOTHY S. 3,053,108
PPC BROADBAND FIBER LTD. 3,052,537
PRADO-MASIAS, ALONSO 3,053,152
PRASHAD, AMARNAUTH SHASTRIE 3,052,539
PRAXAIR TECHNOLOGY, INC. 3,053,162
PREMERGY, INC. 3,052,976
PRESIDENT AND FELLLOWS OF HARVARD COLLEGE 3,053,191
PRIATEL, JOHN 3,052,877
PRILENIA NEUROTHERAPEUTICS LTD. 3,050,700
PROBIOGEN AG 3,052,895
PROCOPIO-MELINO, RENEE L. 3,052,539
PUBLICHNOE AKTSIONERNOE OBSHCHESTVO "TRUBNAYA METALLURGICHESKAYA KOMPANIYA" (PAO "TMK") 3,052,867
PUC POOT, FRANCISCO ANTONIO 3,051,705
PUERTO, ALPHONSE 3,053,012
PUTNAM, MICHAEL DAVID 3,052,778
PYANKOV, BORIS GRIGORYEVICH 3,052,867
PYATKOV, VLADIMIR LEONIDOVICH 3,052,867
PYSHMINTSEV, IGOR YURYEVICH 3,052,867
Q'MAX SOLUTIONS INC. 3,052,814
QI, JI 3,052,786
QI, JI 3,052,809
QI, JI 3,052,963
QI, JI 3,052,986
QI, JI 3,053,005
QI, JI 3,053,009
QI, JI 3,053,114
QI, JI 3,053,120
QI, JI 3,053,125
QI, JI 3,053,132
QUALCOMM INCORPORATED 3,048,641
QUALCOMM INCORPORATED 3,052,486
QUALCOMM INCORPORATED 3,052,994
QUALCOMM INCORPORATED 3,052,995
QUEEN MARY UNIVERSITY OF LONDON 3,052,391
QUIDEL CORPORATION 3,053,110
RABHI, VIANNEY 3,053,014
RABHI, VIANNEY 3,053,015
RABIZADEH, SHAHROOZ 3,052,803
RADEL, JASON CARL 3,053,004
RADHAKRISHNAN, PADHMA D. 3,052,987
RAGHUNATHAN, GOPALAN (RAGHU) 3,052,538
RAHAMAN, MOHAMMAD SAIDUR 3,052,631
RAJKOVIC, ERICH 3,052,886

Index des demandes PCT entrant en phase nationale

RAJPUT, SATEESH K. 3,052,770
RAKE, JOHN 3,052,949
RALSTON, TYLER S. 3,052,673
RAMIREZ, CARLOS MUCINO 3,051,705
RASCH, SYLVIA 3,053,021
RATHGEB, CHRISTIAN 3,053,007
RAVI, KACKER 3,052,157
RAVISHANKAR, CHANNASANDRA 3,052,982
RAYBORN, RANDALL LINWOOD 3,052,403
RAYMOR INDUSTRIES INC. 3,052,851
RAYTHEON COMPANY 3,052,956
RE-TURN AS 3,052,918
REBELATTO, MARLON 3,052,652
REED, CHARLES C. 3,052,928
REED, JAIME 3,052,528
REED, ROBERT 3,053,110
REHRL, CHRISTIAN 3,053,007
REIS, ROMULO DRAGANI 3,052,713
RELIANCE PRECISION LIMITED 3,052,901
RELIANCE WORLDWIDE CORPORATION 3,053,153
RENAUD, GUILLAUME 3,052,905
RENWICK, JEFF 3,052,564
RENZI, DANIELE 3,052,824
REUBINOFF, BENJAMIN E. 3,052,872
REUSCH, UWE 3,052,886
REY, MANUEL 3,052,676
RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN 3,052,520
RHEINMETALL WAFFE MUNITION GMBH 3,052,548
RHODIA OPERATIONS 3,052,385
RHODIA OPERATIONS 3,053,073
RHODIA OPERATIONS 3,053,074
RICH, DAVID B. 3,052,653
RICHARDSON, WILLIAM THOMAS 3,052,901
RICO ALVARINO, ALBERTO 3,048,641
RICO ALVARINO, ALBERTO 3,052,995
RIDDELL, STANLEY R. 3,052,779
RIDEOUT, DARRYL C. 3,050,118
RIKOVA, KLARISA 3,053,164
RINI, CHRISTOPHER 3,053,161
RINNE, ANTTI 3,052,771
RINNE, ANTTI 3,053,078
RINNE, ANTTI 3,053,080
RIOS, EDMUNDO LEYVA 3,051,705
RIOUX, RENEE A. 3,046,208
RIPLEY, LYNNE 3,052,531
RISSET, OLIVIA 3,052,988
RIVERA, JOMASOEL 3,052,676
ROACH, MARSHA LYNN 3,053,146
ROAD SAFETY DESIGNS LIMITED 3,052,789
ROBERTO, ROBERTO 3,052,542
ROBERTS, BRUCE 3,053,161
ROBERTS, JUSTIN 3,053,006
ROBERTS, JUSTIN 3,053,008
ROBINSON, ANNE M. 3,052,873
ROCKTASCHEL, CHRISTIAN 3,052,715
RODNICK-SMITH, MAX 3,052,928
ROEBEL, AXEL 3,053,032
ROGERS, JUSTIN 3,052,513
ROHN, ULRIKE 3,052,718
ROIZMAN, BERNARD 3,052,882
ROMAN, LINDA C. 3,052,778
ROMERO, DONNA 3,052,479
ROONEY, MICHAEL 3,053,133
ROOS, STEFAN 3,052,383
ROQUETTE FRERES 3,052,722
ROSE, LARS 3,052,718
ROSS INDUSTRIES INC. 3,052,677
ROSS, THORSTEN 3,052,886
ROSWELL BIOTECHNOLOGIES, INC. 3,053,103
ROTHBERG, JONATHAN M. 3,052,673
ROTHWEILER, ULLI 3,052,727
ROUBIDOUX, JOHN ANDREW 3,052,990
ROY, SANJIT 3,052,814
RUBIE, PETER JOHN 3,052,712
RUBOD DIT GUILLET, CHRYSTELE 3,052,686
RUGGABER, TIMOTHY P. 3,052,870
RUNOCEROS FITNESS CORPORATION 3,052,866
RUSH, MICHAEL G. 3,053,121
RUSSELL MINERAL EQUIPMENT PTY LTD 3,052,712
RUSSELL, ERIC 3,053,140
RUST, ALEKSANDER MIKAEL RUDOLF 3,052,902
RUTTMAN, LAURA J. 3,052,794
SAAB AB 3,052,943
SABETI, MANOUCHEHR 3,052,991
SAFARYAN, KAREN 3,052,876
SAFRAN AIRCRAFT ENGINES 3,052,707
SAFRAN HELICOPTER ENGINES 3,052,729
SAFRAN HELICOPTER ENGINES 3,053,012
SAGE (UK) LIMITED 3,052,392
SAHORES, JEAN-LUC PIERRE 3,052,729
SAIKA, MASAYUKI 3,052,835
SAINT-GOBAIN PERFORMANCE PLASTICS FRANCE 3,052,726
SAKAI, TORU 3,053,093
SAKO, DIANNE 3,052,625
SALDIN, LINDSEY TAMIKO 3,052,489
SALESFORCE.COM, INC. 3,052,212
SAMSUNG ELECTRONICS CO., LTD. 3,052,762
SAMSUNGS ELECTRONIC CO., LTD. 3,053,104
SAMUEL, STEVAN 3,053,141
SAN ROMAN MACIA, MARIA 3,052,530
SANCHES, MARIO 3,052,938
SANCHEZ, NEVADA J. 3,052,673
SANDIFORD, A. DAVID 3,052,957
SANDIG, VOLKER 3,052,895
SANDIKCI, AYSEGUL CIFTCI 3,052,619
SANDS, KENNETH D. 3,052,716
SARRAT, CHRISTIAN 3,053,012
SATO, SAYAKA 3,053,155
SAUDI ARABIAN OIL COMPANY 3,053,194
SAUTY, NICOLAS 3,052,478
SAVANT SYSTEMS, LLC 3,052,791
SAVOY, MARK A. 3,052,671
SAWADA, YOUHEI 3,053,094
SAXENA, PRANAV 3,052,869
SCALONE, MICHELANGELO 3,052,387
SCANOPTIX, INC. 3,053,011
SCHADECK, EVA BARBARA 3,052,621
SCHAFFER, DAVID V. 3,053,154
SCHILDER, FRANK 3,052,638
SCHILL, DANIEL J. 3,052,812
SCHILLBERG, STEFAN 3,052,966
SCHLEDER, NICHOLAS 3,052,644
SCHLEGEL-KACHEL, SIBYLIE 3,053,000
SCHLUMBERGER CANADA LIMITED 3,052,941
SCHMEES, NORBERT 3,052,718
SCHMID, RICHARD K. 3,052,721
SCHNEIDER, RON 3,052,396
SCHOONEBEEK, RONALD JAN 3,052,530
SCHUTZENDUBEL, WOLFGANG 3,052,548
SCHWAMM, VICTOR 3,052,717
SCHWARZ, MATTHIAS 3,053,068
SCOGLIO, GABRIEL DYLAN 3,052,737
SCOGLIO, STEFANO 3,052,737
SCOTT, ANTHONY J. 3,052,955
SDS BIOTECH K.K. 3,053,092
SEATTLE GENETICS, INC. 3,052,837
SEB S.A. 3,052,667
SECRIST, JOHN PAUL 3,053,069
SEEBER, STEFAN 3,052,532
SEHGAL, RACHNA 3,052,595
SEKINO, KEISUKE 3,053,092
SEKISUI CHEMICAL CO., LTD. 3,052,757
SERGHINE, CAMEL 3,053,012
SERHAN, CHARLES N. 3,052,271
SERVENTI, FRANCO 3,052,395
SERVICIOS Y SUMINISTROS WEAVER DE MEXICO, SA DE CV 3,052,972
SHAH, HEMA 3,052,595
SHARIFF, AABID 3,050,714
SHARMA, ANKIT 3,052,741
SHARMA, SAMEER 3,052,781
SHARP, BARRY K. 3,052,703
SHEAR BITS, LTD. 3,052,394
SHEARER, ALEXANDER 3,052,635
SHEIKH, AHMAD Y. 3,052,873
SHELL INTERNATIONALE RESEARCH MAATCSHAPPIJ B.V. 3,052,728
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,052,530
SHELTON, RYAN 3,053,171
SHEN, CHAO 3,051,762
SHENZHEN INTERNATIONAL INSTITUTE FOR BIOMEDICAL RESEARCH 3,052,882
SHERMAN, HILARY A. 3,052,970

SHI, LI 3,052,652
SHKURATOV, EVGENIY ALEXANDROVICH 3,052,867
SHONO, TOMOYUKI 3,053,091
SHU, MINFENG 3,052,882
SHUKLA, JAYKRISHNA A. 3,052,978
SHUMWAY, MARTIN R. 3,052,465
SIDDIQUI, MICHAEL S. 3,052,635
SIEMENS AKTIENGESELLSCHAFT 3,052,766
SIGMON, CHRIS 3,052,830
SILBIOTECH, INC. 3,052,798
SILVA, ROGER H. 3,052,964
SILVER, MIKIYA 3,052,980
SILVER, MIKIYA 3,052,983
SILVER, MIKIYA 3,052,984
SIMON, JAIME 3,052,973
SINGH, PRATIK RAJ 3,053,086
SJT MOLECULAR RESEARCH, SL 3,053,059
SKESTONE, ANDREW R. 3,053,172
SKRLEC, JASMINKO 3,052,900
SMITH, BENJAMIN JOHN 3,052,840
SMITH, CONRAD 3,052,654
SMITH, CONRAD 3,052,793
SMITH, EDWARD F. 3,052,770
SMITH, GAVIN 3,053,173
SMITH, JARROD NIGEL 3,052,841
SOBALVARRO, PATRICK 3,052,961
SOCHER, RICHARD 3,052,212
SOCIETE BIC 3,053,024
SOINTEK S.R.L. 3,052,542
SOKOLOWSKI, ROBERT 3,052,852
SOLET, RONAN 3,052,393
SOLETANCHE FREYSSINET 3,052,393
SOLLEN, JAMES R. 3,052,770
SOLOMON, ALAN 3,052,959
SONG, DEZHAO 3,052,638
SONG, WENCHAO 3,053,155
SONODA, HIROYUKI 3,052,936
SONY CORPORATION 3,051,660
SOON-SHIONG, PATRICK 3,052,803
SORBONNE UNIVERSITE 3,053,032
SORRENTINO, CATELLO 3,052,395
SOTO, GERARDO GOMEZ 3,051,705
SOYEL, HAMIT 3,052,391
SPATZENEGGER, STEFAN 3,053,007
SPINDLER, MATTHEW JAMES 3,052,490
SPRINKLE, JASON D. 3,052,790
STARKLAB 3,052,701
STATTIN, MAGNUS 3,052,944
STAUNSTRUP, JAN AAE 3,053,043
STEINER, ANDREAS J. 3,052,684
STEPANOV, ARTUR 3,052,989
STEPHENSON, NEIL A. 3,053,162
STERLING LUMBER COMPANY, LLC 3,052,949
STERLING, CARSON 3,052,949
STERLING, CARTER 3,052,949
STERLING, CHRISTIAN 3,052,949
STERLING, COOPER 3,052,949
STERLING, JOHN 3,052,949
STEWART, ALEX 3,052,776
STEWART, PAULA 3,052,710
STOCKIGT, DETLEF 3,052,718
STOLLENWERK, THOMAS 3,052,633
STONE, EVERETT 3,052,928
STRAARUP, ANDERS 3,052,764
STRUIN, DMITRIY OLEGOVICH 3,052,867
STRUM, JAY COPELAND 3,052,810
STRYKER CORP. 3,052,654
STRYKER CORP. 3,052,788
STRYKER CORP. 3,052,793
STUCKERT, NICHOLAS R. 3,053,162
STUDER, PATRICK 3,052,725
SUBEDI, SHREE K. 3,052,629
SUMITOMO CHEMICAL ADVANCED TECHNOLOGIES LLC, D.B.A. SUMIKA ELECTRONIC MATERIALS 3,052,838
SUMITOMO CHEMICAL COMPANY, LIMITED 3,052,838
SUMITOMO HEAVY INDUSTRIES, LTD. 3,052,835
SUMMERS, BRENT MICHAEL 3,052,815
SUNDAY, BRITTNEY 3,052,478
SUNG, SHIANG 3,052,878
SUNG, SHIANG 3,052,906
SUPERIOR INDUSTRIES, INC. 3,052,805
SURJAATMADJA, JIM BASUKI 3,052,769
SUSITAIVAL, RIIKKA 3,052,944
SUSSMAN, DJANGO 3,052,837
SUZUKI, TAKUMI 3,052,930
SYLVAN SOURCE, INC. 3,052,795
SZOLDAN, PETER 3,053,106
SZUL, JOHN F. 3,053,119
SZYMCZAK, CHRISTOPHER E. 3,053,180
SZYNDELMAN, GREGORY 3,052,721
TAGUCHI, AYUMU 3,053,116
TAIYO NIPPON SANSO CORPORATION 3,053,093
TAJIMA, KOICHIRO 3,052,838
TAKABE, KAZUAKI 3,052,630
TAKADA, KATSUNORI 3,053,093
TAKAHASHI, KENICHI 3,052,936
TAKAMIYA, TOSHITO 3,052,692
TAKEI, SATOMI 3,053,092
TANG, HAI 3,052,733
TANG, HAI 3,052,874
TANG, HAI 3,052,883
TANG, HAI 3,052,899
TANIMOTO, TAKANOBU 3,053,100
TANOKURA, AKIRA 3,052,538
TAPIA, JAVIER O. 3,052,676
TARAKANOV, VALERIY VIKTOROVICH 3,052,972
TAVERNIER, JAN 3,052,523
TAYLOR, NATHAN 3,052,964
TEAGUE, PHILIP 3,052,776
TECHNETIX B.V. 3,052,887
TECHNETIX B.V. 3,052,890
TECHNETIX B.V. 3,052,891
TEIJIN PHARMA LIMITED 3,052,538
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,052,944
TERASHIMA, TAKASHI 3,052,692
TEXAS MEDICAL CENTER 3,052,806
THAKKAR, ROOPAL B. 3,052,873
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 3,052,705
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,052,271
THE CLEVELAND CLINIC FOUNDATION 3,052,626
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE 3,053,150
THE LOCKOUT CO., LLC 3,052,640
THE MCLEAN HOSPITAL CORPORATION 3,052,622
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,053,154
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3,053,155
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 3,053,157
THE UNIVERSITY OF MASSACHUSETTS 3,052,951
THE UNIVERSITY OF MASSACHUSETTS 3,052,952
THE UNIVERSITY OF MASSACHUSETTS 3,052,953
THE UNIVERSITY OF MASSACHUSETTS 3,052,954
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 3,052,829
THE UNIVERSITY OF QUEENSLAND 3,052,708
THE UNIVERSITY OF SHEFFIELD 3,052,902
THE WILL-BURT COMPANY 3,052,681
THERMOSEAL INDUSTRIES, LLC 3,053,013
THERON, KARIN ALICIA 3,053,035
THERON, KARIN ALICIA 3,053,040
THIEL, JOSEPH A. 3,052,640
THIERS, EUGENE 3,052,795
THIRIET, ROMAIN 3,053,012
THISTED, THOMAS 3,052,928
THOMAS, ANDREW L. 3,052,976
THOMPSON, DARYL 3,051,413
THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY 3,052,638
THUNUGUNTLA, SIVA SANJEEVA RAO 3,053,068

TIAN, JUN 3,053,009
TIER LIFE INC. 3,052,959
TILRAY, INC. 3,053,168
TINDALL CORPORATION 3,052,830
TINDALL CORPORATION 3,052,842
TINICHIGIU, TAL 3,052,544
TISCHENDORF, ANDY 3,052,633
TKACHEV, ALEKSANDR 3,053,164
TONE, SAORI 3,052,757
TONG, LING-KANG 3,052,821
TOPOROV, VLADIMIR ALEXANDROVICH 3,052,867
TOZAWA, YUZURU 3,053,092
TRACEWELL, CARA 3,052,635
TRCKA, DARRYL 3,053,194
TREDER, MARTIN 3,052,886
TRENOR, SCOTT R. 3,052,790
TREVENA, INC. 3,052,479
TREZISE, SHAUN 3,052,537
TROEBNER, MICHAEL 3,052,717
TRUDSO, JENS ESKIL 3,053,043
TRUTNEV, NIKOLAY VLADIMIROVICH 3,052,867
TSAY, JAMES M. 3,053,175
TSCHUPPERT, RETO 3,052,896
TSUKAGOSHI, IKUO 3,051,660
TUBIE POCKETS, LLC 3,052,669
TULLEY, BRIAN 3,051,687
TUTHILL CORPORATION 3,052,678
UENO, NORIEDA 3,052,835
UMADA, TAKUMI 3,052,692
UNARCO INDUSTRIES LLC 3,052,453
UNITED PARCEL SERVICE OF AMERICA, INC. 3,052,828
UNIVATION TECHNOLOGIES, LLC 3,053,119
UNIVERSAL CITY STUDIOS LLC 3,052,642
UNIVERSIDAD DE NAVARRA 3,053,033
UNIVERSIDADE DA BEIRA INTERIOR 3,052,833
UNIVERSIDADE DA BEIRA INTERIOR 3,052,917
UNIVERSIDADE DE COIMBRA 3,052,917
UNIVERSITA DEGLI STUDI DI PADOVA 3,052,739
UNIVERSITE CLERMONT AUVERGNE 3,052,908
UNIVERSITE DE LILLE 3,052,686
UNIVERSITE DE NANTES 3,052,919
UNIVERSITE LIBRE DE BRUXELLES 3,052,839
UNIVERSITEIT GENT 3,052,523
UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET 3,052,727
UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,052,489
UNIVERSITY OF SOUTHERN CALIFORNIA 3,052,827
URRUTIA SAGARDIA, OSCAR 3,053,033
USTINOV, IGOR 3,052,699
USTINOV, JIHAN 3,052,699
UTICA ENTERPRISES, INC. 3,052,671
VALENTINO, ANTHONY 3,052,455
VALOR WATER ANALYTICS, INC. 3,053,112
VAN BURREN, CHRISTOPHER D. 3,053,140
VAN ROSSUM, GUUS 3,052,530
VAN WEZEL, MARTIN 3,052,676
VANBECELAERE, NATHAN PADRIAC 3,052,792
VARROT, ANNABELLE 3,052,919
VAUGHAN, GEORGE A. 3,052,770
VAZQUEZ, FRANCISCO ALMEDINA 3,052,676
VECTOR TECHNOLOGIES, LLC 3,053,170
VEO ROBOTICS, INC. 3,052,961
VEOLIA WATER SOUTIONS & TECHNOLOGIES SUPPORT, SAS 3,053,084
VERHAAK, MICHAEL JOHANNES FRANCISCUS MARIA 3,052,530
VERU INC. 3,052,157
VIB VZM 3,052,523
VIERTLMAYR, MICHAEL 3,053,007
VILLANUEVA TAVARES, FABIOLA PATRICIA 3,053,165
VINATI S.R.L. 3,053,076
VINATI, FELICE 3,053,076
VINATI, GIACOMO 3,053,076
VINATI, MARIACHIARA 3,053,076
VINATI, MATTEO 3,053,076
VINATI, SAMUELE 3,053,076
VINTON, ROGER ALAN 3,052,546
VIOLA, ANTONELLA 3,052,739
VITOR, CARLOS EDUARDO 3,052,713
VOGEL, SIMON 3,052,966
VOLLMER, HUBERT 3,052,717
VU, CLARA 3,052,961
VYAIRE MEDICAL CONSUMABLES LLC 3,052,455
VYDRIN, ALEXANDER VLADIMIROVICH 3,052,867
W.L. GORE & ASSOCIATES GMBH 3,052,892
WAH REYES, NOEL 3,052,676
WAIGHT, ANDREW 3,052,837
WALKER, JILL 3,052,652
WALKER, SAMUEL V. 3,053,150
WALKUP, C. MICHAEL 3,052,838
WALLACE, ELIZABETH JAYNE 3,053,086
WALLING, BRADFORD J. 3,052,447
WALTERS, ZACHARY 3,052,476
WANG, MINHAN 3,052,879
WANG, RICHARD Y. 3,052,988
WANG, YINGGE 3,052,540
WANGO, JORG CHRISTIAN KARL 3,052,684
WARSZAWSKI UNIWERSYTET MEDYCZNY 3,052,545
WASSON, ANDREW PAUL 3,052,681
WATANABE, MAKOTO 3,052,692
WATERS, STEVEN MARK 3,052,712
WEATHERFORD INTERNATIONAL, LLC 3,053,194
WEBCO INDUSTRIES, INC. 3,052,815
WEBER, PATRICK ALEXANDER AARON 3,052,532
WEGMAN, DAVID R. 3,053,112
WEI, CHAO 3,052,486
WEI, MIN 3,052,827
WEICHSELBAUM, RALPH R. 3,052,882
WEILLER, ROBERT 3,053,110
WEST, KARL 3,052,626
WESTROCK PACKAGING SYSTEMS, LLC 3,052,447
WHALEN, THOMAS 3,052,633
WHITEHEAD, NICK 3,052,741
WHITEWAVE SERVICES, INC. 3,053,163
WILDEMEERSCH, DIRK 3,053,061
WILF, ITZHAK 3,052,544
WILLASSEN, NILS PEDER 3,052,727
WILLEY, ALAN 3,053,141
WILLIAMS, CHRISTOPHER JOHN 3,052,450
WILLIAMS, DUSTIN 3,053,011
WILLIAMS, JEANETTE LOUISE 3,052,669
WILLINGDON PROPERTIES PTY. LTD. 3,052,841
WILLIS, MICHAEL 3,052,830
WILLOUGHBY, ALASTAIR 3,052,390
WILSON, ROBERT 3,053,194
WINTER, GEORG 3,053,006
WINTER, GEORG 3,053,008
WITOWSKI, ZENON 3,052,631
WITWICKI, STEFAN 3,052,951
WITWICKI, STEFAN 3,052,952
WITWICKI, STEFAN 3,052,953
WITWICKI, STEFAN 3,052,954
WITZ, JEAN FRANCOIS 3,052,686
WOLTER, JAN 3,053,000
WONDERLEY, JEFFREY W. 3,052,637
WOOD, CHRISTOPHER BARRY 3,052,903
WOODS, ADAM STEVEN 3,052,921
WORNHAM, STEPHEN 3,052,789
WRAY, KYLE 3,052,951
WRAY, KYLE 3,052,952
WRAY, KYLE 3,052,953
WRAY, KYLE 3,052,954
WRIGHT, DEAN 3,052,723
WRIGHT, MATTHEW 3,052,904
WRIGHT, MICHAEL THOMAS 3,052,821
WU, AUSTIN 3,052,979
WU, GUSUI 3,052,794
WUERTHNER, JENS 3,052,543
WUILLAUME, ANNE 3,053,070
WYBROW, TIM 3,052,723
XIA, NING 3,052,348
XIA, NING 3,052,884

XIE, GUILU 3,052,348
XIE, GUILU 3,052,884
XU, CHANGLONG 3,052,486
XU, LIANG XIN 3,053,107
XU, WEI 3,052,403
YAMAGUCHI, SHINICHI 3,053,102
YAMAMOTO, KAZUTOSHI 3,053,157
YAMANAKA, SHINTARO 3,053,102
YAMASHITA, DENNIS SHINJI 3,052,479
YAMAZAKI, AKIHIKO 3,053,092
YANG, ROBERT 3,053,175
YANG, SUTUNG 3,052,879
YANO, TAKAYOSHI 3,052,937
YEDA RESEARCH AND DEVELOPMENT CO. LTD. 3,052,774
YEE, YOKE KEEN 3,052,575
YOMTOW, SAMUEL NURKO 3,051,705
YOO, HAN NA 3,053,104
YOSHIDA, ATSUSHI 3,053,091
YOSHINADA, HIROSHI 3,053,100
YOST, RICHARD A. 3,053,196
YOWE, DAVID LANGDON 3,052,911
YUAN, CATHERINE C.K. 3,052,479
YUCEL, TUNA 3,053,158
YVIN, JEAN-CLAUDE 3,053,033
ZACHERLE, MATTHEW E. 3,052,447
ZACHERT, WOLFGANG 3,052,998
ZAGOZDZON, RADOSLAW 3,052,545
ZAHORIAN, JAIME SCOTT 3,052,673
ZAJAC, MAGDALENA 3,052,652
ZAKARIA, GAGUK 3,052,982
ZALE, STEPHEN 3,053,158
ZAMARRENO ARREGUI, ANGEL MARIA 3,053,033
ZAROLI, ALBERTO 3,053,182
ZAVITZ, BRYANT 3,052,830
ZAVITZ, BRYANT 3,052,842
ZEITOUNY, ABRAHAM 3,052,396
ZEMMOURI, JAOUAD 3,052,701
ZENTENO, LEOBARDO STEPHEN LINCOLN STRANGE 3,051,705
ZEPELIN, S.R.O. 3,052,946
ZHANG, ANQI 3,053,171
ZHANG, LEI 3,052,516
ZHANG, RUIQI 3,052,996
ZHANG, SHUJUAN 3,052,753
ZHANG, WENBIN 3,051,762
ZHANG, WENBIN 3,052,997
ZHANG, YUFAN 3,052,786
ZHANG, YUFAN 3,052,809
ZHANG, YUFAN 3,052,962
ZHANG, YUFAN 3,052,963
ZHANG, YUFAN 3,052,986
ZHANG, YUFAN 3,053,002
ZHANG, YUFAN 3,053,005
ZHANG, YUFAN 3,053,009
ZHANG, YUFAN 3,053,114
ZHANG, YUFAN 3,053,120
ZHANG, YUFAN 3,053,125
ZHANG, YUFAN 3,053,132
ZHONG, XIAOTIAN 3,052,539
ZHOU, LIN 3,053,155
ZHU, BAOLONG 3,052,760
ZILBERSTEIN, SHLOMO 3,052,951
ZILBERSTEIN, SHLOMO 3,052,952
ZILBERSTEIN, SHLOMO 3,052,953
ZILBERSTEIN, SHLOMO 3,052,954
ZILIFT HOLDINGS LIMITED 3,052,536
ZIMMER BIOMET CMF AND THORACIC, LLC 3,053,113
ZIMMERMANN, CHRISTOPHER 3,052,548
ZIRAKNEJAD, NIMA 3,052,869
ZOETIS SERVICES LLC 3,052,450
ZOIA, GIORGIO 3,052,824
ZORN, LUDWIG 3,052,718
ZTE CORPORATION 3,052,753
ZYMERGEN INC. 3,052,635

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

10353744 CANADA LTD. 3,051,757
ABRAXIS BIOSCIENCE, LLC 3,051,495
ALL PURPOSE NETWORKS, INC. 3,051,624
ALL PURPOSE NETWORKS, INC. 3,051,661
AMAZON TECHNOLOGIES, INC. 3,051,933
AMERICAN PANEL CORPORATION 3,051,064
ASTRAZENECA AB 3,051,973
BARKER, KENTON HAYES 3,051,749
BARTA, JOHN 3,051,748
BEARDSLEE, TOM 3,051,939
BECTON, DICKINSON AND COMPANY 3,051,490
BERGHMAN, LUC 3,051,748
BIESHEUVEL, AREND CORNELIS JACOBUS 3,051,559
BOTTJE, WALTER 3,051,748
BOYLE, EDWARD M., JR. 3,051,894
BRANDT, GUIDO 3,051,559
BRANYON, JACOB DONALD PRUE 3,051,412
BREWINGTON, JAMES KEITH 3,051,624
BREWINGTON, JAMES KEITH 3,051,661
BRIGHT, MARK 3,051,752
BULLION, CONRAD 3,051,619
CHANG, CHUNG 3,051,887
CHEVRON U.S.A. INC. 3,051,745
CHONG, KOK SENG 3,051,552
CLEARFLOW, INC. 3,051,894
COHN, WILLIAM E. 3,051,894
COLE, KIMBERLY 3,051,748
COX, MANDY 3,051,748
CRICKMORE, ROGER IAN 3,051,560
CRICKMORE, ROGER IAN 3,051,561
CRYSTAL SPRING COLONY FARMS LTD. 3,052,008
DALE, NATHAN J. 3,051,894
DECURTINS, WILLY 3,051,737
DNESTRIANSCHII, LUCIEN 3,052,008
EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH 3,051,737
EIRICH, E. DUDLEY 3,051,939
EL-ASHRAM, SAID 3,051,748
ENDURA PRODUCTS, INC. 3,051,951
ENJO, YOUHEI 3,051,675
FILDANI, ANDREA 3,051,745
FISKARS BRANDS, INC. 3,051,920
FREISHTAT, GREGG 3,051,658
GAGNON, SHANE 3,051,391
GILLINOV, ALAN MARC 3,051,894
GPCP IP HOLDINGS LLC 3,051,567
GPCP IP HOLDINGS LLC 3,051,569
GPCP IP HOLDINGS LLC 3,051,628
HALLIBURTON ENERGY SERIVCES, INC. 3,051,887
HARGIS, BILLY 3,051,748
HASHIMOTO, KUNIHIDE 3,051,675
HENDERSON, RICHARD S. 3,051,752
HERDER, MARTIN 3,051,973
HILL, DAVID JOHN 3,051,560
HILL, DAVID JOHN 3,051,561
HINENO, MAKOTO 3,051,675
HOFER, ETHAN 3,052,008
HUFFORD, STEVE 3,051,658
HUGHES, BROCK 3,051,325
HYMAN, TANYA 3,051,658
JASKIEWICZ, TOMASZ 3,051,951
JOHNSON, ERIC 3,051,951
KAIB, PAUL 3,051,658
KAMERBEEK, RALF 3,051,559
KAUFMAN, RICHARD CLARK 3,050,535
KENDALL, ADAM 3,051,951
KIDERMAN, SAM 3,051,894
KO, RYAN DELMORAL 3,051,325
KOELING, HENDRIK CORNELIS 3,051,559
KOKKO, BRUCE J. 3,051,567
KOKKO, BRUCE J. 3,051,569
KOKKO, BRUCE J. 3,051,628
KONINKLIJKE DOUWE EGBERTS B.V. 3,051,559
KRALL, NIKOLAUS 3,051,737
KUBOTA CORPORATION 3,051,675
KULKARNI, RAVEENDRA 3,051,910
KWON, YOUNG MIN 3,051,748
LAPLAZA, JOSE MIGUEL 3,051,939
LAYTON, SHERRYLL 3,051,748
LENKE, MICHAEL 3,051,672
LEONARD, PAUL C. 3,051,894
LISSACK, AVICHAI MENDLE 3,051,933
LIU, ZONGXIAN 3,051,552
LOMASK, JESSE 3,051,745
LUDANEK, GERHARD 3,051,973
LUTES, LENNARD 3,051,752
MAHDI, KEN 3,051,064
MCADAMS, TOM 3,052,008
MCEWEN-KING, MAGNUS 3,051,560
MCEWEN-KING, MAGNUS 3,051,561
MCFALL, DODGE 3,051,658
MCKIBBEN, AARON P. 3,051,749
MEEKER, LAURA HART 3,051,619
METT, INGO 3,051,973
MILLER, DAVID M. 3,051,896
MITCHELL, MICHAEL K. 3,051,951
MORANDO, JORGE A. 3,051,752
MORDUE, GEORGE 3,051,752
MOSCARILLO, THOMAS J. 3,051,912
NANOSPHERE HEALTH SCIENCES, LLC 3,050,535
NERI, DARIO 3,051,737
NEXTLEAF SOLUTIONS LTD. 3,051,325
NOVOLUTO GMBH 3,051,672
NYSSEN, BENJAMIN J. 3,051,920
O'CONNELL, KEVIN K. 3,051,619
OEHRING, JARED 3,051,541
OGBUNUJU, IFE 3,051,887
OPTASENSE HOLDINGS LIMITED 3,051,560
OPTASENSE HOLDINGS LIMITED 3,051,561
OSHIKIRI, MASAHIRO 3,051,552
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 3,051,552
PARREIRA, VALERIA 3,051,910
PICATAGGIO, STEPHEN 3,051,939
POPE, SAMUEL TAYLOR 3,051,619
POTICNY, DAVID M. 3,051,624
POTICNY, DAVID M. 3,051,661
PRESCOTT, JOHN 3,051,910
PRINCE, JORDAN 3,051,920
PROFICIENT SYSTEMS, INC. 3,051,658
PROTEUS DIGITAL HEALTH, INC. 3,051,659
PYROTEK INC. 3,051,752
RIJSINGHANI, VIKAS 3,051,658
RUAN, TIEMING 3,051,490
RUBIN, HARVEY 3,051,624
RUBIN, HARVEY 3,051,661
SAWKAR, ANIL S. 3,051,624
SAWKAR, ANIL S. 3,051,661
SCHEUERMANN, JORG 3,051,737
SCHLAGE LOCK COMPANY LLC 3,051,749
SCHMIDT, JOACHIM 3,051,973
SHARIF, SHAYAN 3,051,910
SHELEF, EITAN 3,051,745
SONOCO DEVELOPMENT, INC. 3,051,412
SUMNICHT, DANIEL W. 3,051,567
SUMNICHT, DANIEL W. 3,051,569
SUMNICHT, DANIEL W. 3,051,628
TEH, YEE SIANG 3,051,887
TELLEZ, GUILLERMO 3,051,748
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS 3,051,748
THE CLEVELAND CLINIC FOUNDATION 3,051,894

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

THE TEXAS A&M UNIVERSITY SYSTEM	3,051,748
TIPTON, JON	3,051,752
UNIVERSITY OF GUELPH	3,051,748
UNIVERSITY OF GUELPH	3,051,910
URAMARU, SHINICHI	3,051,675
US WELL SERVICES LLC	3,051,541
USNR/KOCKUMS CANCAR COMPANY	3,051,619
VERDEZYNE, INC.	3,051,939
VILD, CHRIS T.	3,051,752
WICHERT, MORENO	3,051,737
WILSON, JACKSON	3,051,658
WONG, KON EUAN GERARD	3,051,559
WONG, NATHALIE	3,051,495
YEO, WINNIE	3,051,495
ZDEBLICK, MARK J.	3,051,659
ZHANG, YI	3,051,757