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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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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
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[54] - Title of Invention
[60] - Related by Supplementary Disclosure
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[71] - Name(s) of Applicant(s)
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[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After 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 (Rule 58) **$800**

* 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 (Règle 58) **800 $**

* 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

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html

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

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14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html

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

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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

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

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.

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. 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 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

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 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

to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

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 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,

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 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

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
  Tel.: 604-666-5000

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

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

  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

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

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.

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 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

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 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,

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).

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:

(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.

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)

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.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

Brevets

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

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

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.

Patents

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

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents; and
- ordering copies in paper, or electronic form of a document.

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 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.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

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

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

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

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

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

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 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.

:

- 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 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.

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.

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.

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

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.

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

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.

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.

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

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

Electronic Media accepted by the Patent Office

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

Supports électroniques acceptés par le Bureau des brevets

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

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. 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

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.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

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

PDF Format:

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

ASCII

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

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

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

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 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;

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;

- 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 (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.

- 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 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,

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

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.

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 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.

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 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

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

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.

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

In case of unforeseen circumstances, CIPO will attempt to 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

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. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

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

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.

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

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.

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

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

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

- Patent Rules
- Regulations under the PCT
- Trademarks Act
- Trademarks Regulations

- 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 January 7, 2020 contains applications open to public inspection from December 22, 2019 to December 28, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 janvier 2020 contient les demandes disponibles au public pour consultation pour la période du 22 décembre 2019 au 28 décembre 2019.

Canadian Patents Issued

January 7, 2020

Brevets canadiens délivrés

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[72] LINKEL, STEPHAN M., US
[72] KIMBALL, DAVID L., US
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[54] **COMPOSITIONS ET PROCEDES POUR LA PROTECTION DE SUBSTRATS CONTRE LES FLUX DE CHALEUR ET LES INCENDIES**
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[54] **SYSTEM AND METHOD FOR EARLY DETECTION OF DIABETIC RETINOPATHY USING OPTICAL COHERENCE TOMOGRAPHY**
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[54] **USINE DE BIOGAZ ET DISPOSITIF DE SERVICE POUR UNE USINE DE BIOGAZ**
[72] BIERER, JOHANN, DE
[72] RABENER, MATTHIAS, DE
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[72] BEGLEY, AARON, AU
[73] MATRIX COMPOSITES AND ENGINEERING LIMITED,
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[54] **VACCIN SOUS-UNITAIRE RECOMBINANT CONTRE LE VIRUS DU NIL OCCIDENTAL, DESTINE A PROTEGER DES SUJETS HUMAINS**
[72] COLLER, BETH-ANN, US
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[72] WEEKS-LEVY, CAROLYN L., US
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[54] **CATHETER A RESEAU D'ELECTRODES DISPOSEES SUR UNE FEUILLE**
[72] URMAN, ROY, IL
[72] MIZRAHI, LIRON SHMUEL, IL
[72] KRUPNIK, RONEN, IL
[73] BIOSENSE WEBSTER (ISRAEL) LTD.,
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[54] **COMPOSITIONS D'EAU ELECTROLYSEE ET METHODES D'UTILISATION**
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[72] ARRISON, NORMAN L., CA
[72] SCHADECK, DALE R., CA
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[54] **PROCEDES ET COMPOSITIONS POUR UTILISATION DANS DES THERAPIES CELLULAIRES**
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[73] TIGENIX, S.A.,
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[54] **PROCEDES DE TRAITEMENT D?UNE DOULEUR NEUROPATHIQUE AVEC DES AGONISTES DE PPARGAMMA DERIVES DE BENZIMIDAZOLE**
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[72] HONORE, TAGE, US
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[54] **FAMILLE DES GENES PESTICIDES AXMI-192 ET LEURS METHODES D'UTILISATION**
[72] SAMPSON, KIMBERLY S., US
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[72] GUO, RONG, US
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[72] BAHADOOR, ADILAH, US
[72] BELANI, JITENDRA D., US
[72] JANARDANANNAIR, SOMARAJANNAIR, US
[72] JOHANNES, CHARLES W., SG
[72] KEANEY, GREGG F., US
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[54] **CONDENSATEUR NOYE DANS UNE CARTE DE CIRCUITS A PLAQUES MULTIPLES ET METHODES DE FABRICATION CONNEXES**
[72] ABAWI, DANIEL Z., US
[73] GENERAL ELECTRIC COMPANY,
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[54] **PLANTES DE BLE TETRAPLOIDES A TEXTURE SOUPLE NON TRANSGENIQUES AYANT DES GRAINS AVEC UN ENDOSPERME A TEXTURE SOUPLE, ENDOSPERME DE CELLES-CI ET UTILISATIONS DE CELLES-CI**
[72] MORRIS, CRAIG F., US
[72] JOPPA, LEONARD R., US
[72] LAFIANDRA, DOMENICO, IT
[72] SIMEONE, MARCO C., IT
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[54] **CHRONOMETRAGE DE PROCEDES ININTERRUPTIBLES**
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[72] HONG, YEONG-CHING, US
[72] LESHIK, RICHARD, US
[72] CAPLAN, ZACHARY, US
[72] LOH, JIMBAY, US
[73] KRAFT FOODS GROUP BRANDS LLC,
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[73] GEO FOSSIL FUELS, LLC,
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[72] LOURENCO, JOSE, CA
[73] 1304342 ALBERTA LTD.,
[73] 1304338 ALBERTA LTD.,
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[54] **ARTICLE VENDING MACHINE AND METHOD FOR EXCHANGING AN INOPERABLE ARTICLE FOR AN OPERABLE ARTICLE**
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[72] HOERSTEN, ERIC, US
[72] KAPCAR, CHRISTOPHER A., US
[73] REDBOX AUTOMATED RETAIL, LLC,
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[54] **METHOD OF PRODUCING LEAFY BIOMASS FROM UNDIFFERENTIATED PLANT CELLS, AND RELATED METHOD FOR POLYPEPTIDE PRODUCTION**
[54] **METHODE DE PRODUCTION DE BIOMASSE RICHE EN FEUILLES A PARTIR DE CELLULES VEGETALES INDIFFERENCIEES ET METHODE ASSOCIEE DE PRODUCTION DE POLYPEPTIDE**
[72] MICHOUX, FRANCK, FR
[72] NIXON, PETER, GB
[72] MCCARTHY, JAMES GERARD, FR
[73] IMPERIAL INNOVATIONS LIMITED,
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[54] **ADJUSTABLE LIFT CORD ANCHOR FOR MOVABLE RAILS IN COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **ANCRAGE A CABLE AJUSTABLE POUR RAILS AMOVIBLES UTILISES DANS LE RECOUVREMENT D'OUVERTURES DE BATIMENTS**
[72] SPRAY, JEFFREY L., US
[73] HUNTER DOUGLAS INC.,
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[54] **RESEAU AUTO-OPTIMISE POUR ACCES FIXE SANS FIL**
[72] TRIGUI, HAFEDH, CA
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[54] **METHODE HEURISTIQUE D'EVALUATION DU RENDEMENT D'UN AERONEF**
[72] LIEU, BRIAN V., US
[73] UNIVERSAL AVIONICS SYSTEMS CORPORATION,
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[54] **SYNCHRONISATION DE CATHETERS SANS FIL**
[72] KILIM, NAHUM, IL
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] EPHRATH, YARON, IL
[73] BIOSENCE WEBSTER (ISRAEL) LTD.,
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[54] **ADAPTATEUR POUR PILE A ROSETTES**
[72] ATCHLEY, JACOB C., US
[72] DOWNEY, SHAWN D., US
[72] STEINKAMP, BERNARD A., US
[73] HUBBELL INCORPORATED,
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[54] **CAPTEURS D'ANALYTE COMPRENANT DES COMPOSITIONS DE MEMBRANES MELANGEES ET LEURS METHODES DE FABRICATION ET D'UTILISATION**
[72] WANG, JENN-HANN LARRY, US
[72] DANG, TRI T., US
[72] COCHRAN, BROOKS B., US
[72] MASTROTOTARO, JOHN J., US
[72] SHAH, RAJIV, US
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[54] **COMPOSITIONS, USE AND METHOD FOR THE USE OF SURFACE ACTIVE PROTEINS IN TOPICAL DRUG DELIVERY ACROSS KERATIN**
[54] **COMPOSITIONS, UTILISATION ET PROCEDE D'UTILISATION DE PROTEINES TENSIOACTIVES DANS LA DELIVRANCE TOPIQUE DE MEDICAMENTS A TRAVERS LA KERATINE**
[72] BUTHE, ANDREAS, DE
[72] HAFNER, ANDREAS, CH
[72] KAUFMANN, FRANZ, DE
[72] FIEDLER, BABETTE, DE
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[54] **SYSTEM AND METHODS FOR PROVIDING REAL-TIME ANATOMICAL GUIDANCE IN A DIAGNOSTIC OR THERAPEUTIC PROCEDURE**
[54] **SYSTEME ET METHODES PERMETTANT DE LIVRER UNE AIDE DIRECTIONNELLE ANATOMIQUE EN TEMPS REEL POUR UN DIAGNOSTIC OU UNE INTERVENTION THERAPEUTIQUE**
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[72] MOHS, AARON, US
[72] MANCINI, MICHAEL, US
[73] EMORY UNIVERSITY,
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[54] **TREATMENT OF INSULIN RECEPTOR SUBSTRATE 2 (IRS2) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO IRS2 AND TRANSCRIPTION FACTOR E3 (TFE3)**
[54] **TRAITEMENT DE MALADIES LIEES AU SUBSTRAT 2 DU RECEPTEUR DE L'INSULINE (IRS2) PAR INHIBITION DU PRODUIT DE TRANSCRIPTION ANTISENS NATUREL D'IRS2 ET DU FACTEUR DE TRANSCRIPTION E3 (TFE3)**
[72] COLLARD, JOSEPH, US
[72] KHORKOVA SHERMAN, OLGA, US
[73] CURNA, INC.,
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[54] **TROUS DE VIS DE PLAQUE VISSEE CONVERTIBLES EN CROCHETS**
[72] MODI, ABHISHEK, US
[73] DEPUY SYNTHES PRODUCTS, INC.,
[85] 2012-07-10
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[25] EN
[54] **ENGINEERED POLYPEPTIDE AGENTS FOR TARGETED BROAD SPECTRUM INFLUENZA NEUTRALIZATION**
[54] **AGENTS POLYPEPTIDIQUES TECHNIQUES POUR LA NEUTRALISATION DE LA GRIPPE A LARGE SPECTRE CIBLEE**
[72] SASISEKHARAN, RAM, US
[72] VISWANATHAN, KARTHIK, US
[72] SOUNDARARAJAN, VENKATARAMANAN, US
[72] RAGURAM, SASI, US
[72] SASISEKHARAN, VISWANATHAN, US
[72] SUBRAMANIAN, VIDYA, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY,
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[54] **NITRIC OXIDE DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'OXYDE NITRIQUE**
[72] FINE, DAVID H., US
[72] DENTON, RYAN, US
[72] VASQUEZ, GREGORY, US
[72] JOHNSON, BRYAN, US
[73] VERO BIOTECH LLC.,
[85] 2012-07-31
[86] 2011-01-31 (PCT/US2011/023172)
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[54] **ANIMAL STROKE MODEL**
[54] **MODELE D'ACCIDENT VASCULAIRE CEREBRAL ANIMAL**
[72] CONNELL, BARRY JAMES, CA
[72] SALEH, TAREK, CA
[73] UNIVERSITY OF PRINCE EDWARD ISLAND,
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[54] **LOW-PROFILE HEART VALVE AND DELIVERY SYSTEM**
[54] **VALVULE CARDIAQUE A PROFIL BAS ET SYSTEME DE POSE**
[72] BENICHOU, NETANEL, US
[72] ROWE, STANTON J., US
[72] CHOW, SEAN, US
[73] EDWARDS LIFESCIENCES CORPORATION,
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[54] **FILTER STATUS TECHNIQUES ADAPTED FOR USE WITH A CONTAINER BASED FILTRATION DEVICE**
[54] **TECHNIQUES RELATIVES A L'ETAT D'UN FILTRE ADAPTEES A L'UTILISATION DANS UN DISPOSITIF DE FILTRATION A BASE DE RECIPIENT**
[72] MA, BENJAMIN, US
[72] NISHIJIMA, RICK T., US
[72] JAMIESON, JOHN W., US
[72] BUCKLEY, EDWARD M., US
[72] HISHIKI, TERUO, HK
[72] DYCHER, DAVID, HK
[72] CHUNG, HO PUN, HK
[73] BRITA LP,
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[87] (2790511)
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[25] EN
[54] **SAMPLE CHAMBER FOR LASER ABLATION ANALYSIS OF FLUID INCLUSIONS AND ANALYZING DEVICE THEREOF**
[54] **ENCEINTE D'ECHANTILLONNAGE POUR ANALYSE PAR ABLATION LASER D'INCLUSIONS DE FLUIDE ET SON DISPOSITIF D'ANALYSE**
[72] ZHANG, ZHIRONG, CN
[72] TENGER, CN
[72] RAO, DAN, CN
[72] SHI, WEIJUN, CN
[72] JIANG, QIGUI, CN
[72] QIN, JIANZHONG, CN
[72] ZHANG, QU, CN
[72] XI, BINBIN, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION,
[73] SINOPEC EXPLORATION & PRODUCTION RESEARCH INSTITUTE,
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[87] (2792056)
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[54] **MODIFIED U7 SNRNAS FOR TREATMENT OF NEUROMUSCULAR DISEASES**
[54] **SNARN U7 MODIFIES POUR TRAITER LES MALADIES NEUROMUSCULAIRES**
[72] GARCIA, LUIS, FR
[72] FURLING, DENIS, FR
[72] BELEY, CYRIAQUE, FR
[72] VOIT, THOMAS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS),
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6),
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM),
[73] ASSOCIATION INSTITUT DE MYOLOGIE,
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[25] EN
[54] **PREDICTING HUMAN DEVELOPMENTAL TOXICITY OF PHARMACEUTICALS USING HUMAN STEM-LIKE CELLS AND METABOLOMICS**
[54] **PREDICTION DE LA TOXICITE SUR LE DEVELOPPEMENT HUMAIN D'AGENTS PHARMACEUTIQUES AU MOYEN DE CELLULES DE TYPE CELLULES SOUCHES HUMAINES ET DE LA METABOLOMIQUE**
[72] WEST, PAUL R., US
[72] WEIR-HAUPTMANN, APRIL M., US
[72] SMITH, ALAN M., US
[72] DONLEY, ELIZABETH L. R., US
[72] CEZAR, GABRIELA G., US
[73] STEMINA BIOMARKER DISCOVERY, INC.,
[85] 2012-09-13
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[54] **IDLER WHEEL ASSEMBLY FOR SNOWMOBILE**
[54] **ENSEMBLE DE POULIE DE TENSION DE CHENILLE POUR MOTONEIGE**
[72] BEAVIS, ANDREW, US
[72] EDWARDS, JONATHON, US
[72] FREDRICKSON, KEN, US
[72] BERGMAN, RONALD, US
[73] ARCTIC CAT INC.,
[86] (2793334)
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[54] **ENDOPHYTE ENHANCED SEEDLINGS WITH INCREASED PEST TOLERANCE AND METHODS**
[54] **SEMIS AMELIORES CONTRE LES ENDOPHYTES AVEC TOLERANCE ACCRUE AUX PARASITES, ET METHODES D'UTILISATION**
[72] MILLER, JOHN DAVID, CA
[72] ADAMS, GREG WILLIAM, CA
[73] IRVING LICENSING INC.,
[86] (2793664)
[87] (2793664)
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[25] EN
[54] **METHOD FOR MAKING HIGHLY POROUS, STABLE METAL OXIDE WITH A CONTROLLED PORE STRUCTURE**
[54] **PROCEDE DE PREPARATION D'OXYDES METALLIQUES STABLES, TRES POREUX A STRUCTURE DE PORES CONTROLEE**
[72] BARTHOLOMEW, CALVIN H., US
[72] WOODFIELD, BRIAN F., US
[72] HUANG, BAIYU, US
[72] OLSEN, REBECCA ELIZABETH, US
[72] ASTLE, LYNN, US
[73] BRIGHAM YOUNG UNIVERSITY,
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[54] **FRAME MEMBERS, CORNER KEY AND ASSEMBLY METHOD**
[54] **ELEMENTS DE CADRE, CLE D'ANGLE ET METHODE D'ASSEMBLAGE**
[72] EMANUEL, BRIAN, US
[72] BERANEK, GERALD D., US
[73] JAMES HARDIE TECHNOLOGY LIMITED,
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[54] **VEHICULE SUR RAILS A GEOMETRIE D'ESSIEU VARIABLE**
[72] SIX, KLAUS, AT
[72] TEICHMANN, MARTIN, AT
[73] SIEMENS MOBILITY GMBH,
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[54] **INFUSION METHODS AND PRODUCTS**
[54] **PROCEDES DE PERFUSION ET PRODUITS ASSOCIES**
[72] ROY, SOUMYA, US
[72] DENSON, KELLIE, US
[72] MANTIUS, HAROLD L., US
[73] OCEAN SPRAY CRANBERRIES, INC.,
[85] 2012-10-02
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[25] EN
[54] **MEDICAL DEVICE CONTROL HANDLE WITH INDEPENDENT SELF HOLDING PULLER WIRE ACTUATORS**
[54] **POIGNEE DE CONTROLE DE DISPOSITIF MEDICAL AVEC ACTUATEURS DE FIL D'EXTRACTION AUTONOMES INDEPENDANTS**
[72] SELKEE, THOMAS V., US
[73] BIOSENSE WEBSTER (ISRAEL) LTD.,
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[87] (2795790)
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[54] **TILEABLE DRAIN SYSTEMS AND RELATED METHODS**
[54] **SYSTEMES DE DRAIN EMPILABLE ET METHODES ASSOCIEES**
[72] PLANK, REINHARD H., US
[72] GEROLIMATOS, SEAN P., US
[73] SCHLUTER SYSTEMS L.P.,
[86] (2795948)
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[54] **METHODS AND SYSTEMS FOR INCREASING THE SECURITY OF NETWORK-BASED TRANSACTIONS**
[54] **METHODES ET SYSTEMES POUR AUGMENTER LA SECURITE DES TRANSACTIONS SUR RESEAU**
[72] LANGLEY, RICHARD JAY, US
[73] DAON HOLDINGS LIMITED,
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[87] (2798071)
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[54] **METHOD OF BLASTING**
[54] **PROCEDE D'ABATTAGE A L'EXPLOSIF**
[72] GOODRIDGE, RICHARD JOHN, AU
[72] APPLEBY, RODNEY WAYNE, AU
[72] JOHNSON, DAVID OLAF, US
[72] MILLER, THOMAS M., US
[73] ORICA INTERNATIONAL PTE LTD,
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[25] EN
[54] **SELF-HOLDING MEDICAL DEVICE CONTROL HANDLE WITH CAM ACTUATED CLUTCH MECHANISM**
[54] **COMMANDE DE DISPOSITIF MEDICAL AUTOPORTANT AVEC MECANISME D'ENGRENAGE ACTIVE PAR CAME**
[72] SELKEE, THOMAS V., US
[73] BIOSENSE WEBSTER (ISRAEL) LTD.,
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[87] (2798786)
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[25] EN
[54] **FUEL ECONOMICAL LUBRICATING OIL COMPOSITION FOR INTERNAL COMBUSTION ENGINES**
[54] **COMPOSITION D'HUILE LUBRIFIANTE A ECONOMIE DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE**
[72] USHIODA, NOBUO, JP
[72] MIYAMOTO, TSUYOSHI, JP
[72] OGASAWARA, YASUHIRO, JP
[73] CHEVRON JAPAN LTD,
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[54] **MEDICAL DEVICE CONTROL HANDLE WITH MULTIPLE PULLER WIRES**
[54] **POIGNEE DE COMMANDE DE DISPOSITIF MEDICAL AVEC FILS DE TIRAGE MULTIPLES**
[72] CAPLES, DENNIS C., US
[72] DATTA, KESHAVA, US
[72] PENDEKANTI, RAJESH, US
[73] BIOSENSE WEBSTER (ISRAEL) LTD.,
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[54] **MARINE ENGINE LUBRICATING OIL COMPRISING A POLYMER COMPRISING A CORE AND A PLURALITY OF POLYMERIC ARMS EXTENDING THEREFROM**
[54] **HUILE LUBRIFIANTE DE MOTEUR DE BATEAU RENFERMANT UN POLYMERE COMPRENANT UN NOYAU ET UNE PLURALITE DE BRAS POLYMERIQUES S'EN PROLONGEANT**
[72] DOAN, MINH, GB
[72] GARNER, TERENCE, GB
[72] GIRSHICK, FREDERICK, GB
[73] INFINEUM INTERNATIONAL LIMITED,
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[54] **SYSTEM FOR RECEIVING SATELLITE SIGNALS**
[54] **SYSTEME DE RECEPTION DE SIGNAUX SATELLITES**
[72] CHOPARD, VINCENT, FR
[72] LETESTU, FRANCK, FR
[72] MONTAGNE, BRUNO, FR
[73] THALES,
[86] (2799675)
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[51] **Int.Cl. G01S 15/89 (2006.01) G01B 17/02 (2006.01)**
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[54] **DEVICE FOR MEASURING MATERIAL THICKNESS**
[54] **DISPOSITIF POUR MESURER L'EPAISSEUR D'UN MATERIAU**
[72] MATTHEWS, FRED TIMOTHY, US
[72] MEYER, PAUL ALOYSIUS, US
[72] KROHN, MATTHEW HARVEY, US
[72] SMITH, NATHAN JOHN, US
[72] VIGANO, ADEODATO MARIA, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2799731)
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[25] EN
[54] **DEFOAMER COMPOSITIONS FOR BUILDING-PRODUCT MIXTURES**
[54] **COMPOSITIONS D'ANTIMOUSSES POUR MELANGES DE MATERIAUX DE CONSTRUCTION**
[72] HENNING, FRAUKE, DE
[72] REINSCHMIDT, ANKE, DE
[72] SCHEUERMANN, RALPH, DE
[72] BAYNE, GEORGE-HANS, DE
[72] KLEIN, KERSTIN, DE
[72] ROOS, MARKUS, DE
[73] EVONIK DEGUSSA GMBH,
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[87] (2799843)
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[25] FR
[54] **CARBONATED ELECTRODE COMPOSITION FOR A SUPERCAPACITOR, ELECTRODE, ITS FABRICATION PROCESS AND CELL THEREOF.**
[54] **COMPOSITION CARBONEE POUR ELECTRODE DE CELLULE DE SUPERCONDENSATEUR, ELECTRODE, SON PROCEDE DE FABRICATION ET CELLULE L'INCORPORANT.**
[72] DUFOUR, BRUNO, FR
[72] AYME-PERROT, DAVID, FR
[72] DIEUDONNE, MARIE, FR
[72] SONNTAG, PHILIPPE, FR
[73] HUTCHINSON,
[86] (2800129)
[87] (2800129)
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[30] FR (12 50 171) 2012-01-06

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[51] **Int.Cl. F16K 17/196 (2006.01) F16K 17/04 (2006.01) F16K 24/00 (2006.01)**
[25] EN
[54] **PILOT VALVE CONTROLLED POSITIVE AND NEGATIVE PRESSURE RELIEF VALVES**
[54] **SOUPAPES DE SURPRESSION POSITIVES ET NEGATIVES COMMANDEES PAR UNE SOUPAPE PILOTE**
[72] SHELLY, MARK ALAN, US
[73] THE BOEING COMPANY,
[86] (2800583)
[87] (2800583)
[22] 2013-01-07
[30] US (13/440,494) 2012-04-05

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[51] **Int.Cl. E04B 2/68 (2006.01) E04B 1/61 (2006.01) E04C 2/28 (2006.01)**
[25] FR
[54] **PREFABRICATED MODULAR CONSTRUCTION ELEMENT FOR BUILDING A WALL**
[54] **ELEMENT DE CONSTRUCTION MODULAIRE PREFABRIQUE POUR LA REALISATION DE MUR**
[72] FARJOT, ERIC, FR
[72] LAPLASSOTTE, PASCAL, FR
[73] FARJOT, ERIC,
[86] (2802585)
[87] (2802585)
[22] 2013-01-11
[30] FR (12/50382) 2012-01-16

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[72] SATO, KIMIHIKO, JP
[72] MIZUMOTO, SHINSUKE, JP
[72] SATO, YUICHIRO, JP
[72] KURIHARA, HIDEKI, JP
[72] KUBO, YOHEI, JP
[72] NAKATA, HIYOKU, JP
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[72] TAMURA, TAKASHI, JP
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[73] JOY GLOBAL SURFACE MINING INC,
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[72] GREGORY, CHRISTOPHER, US
[73] CONVATEC TECHNOLOGIES INC.,
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[54] **SYSTEMES ET PROCEDES UTILISANT UN AGENT A DOUBLE FONCTION POUR AUGMENTER LA PRODUCTION D'HYDROCARBURES VISQUEUX A PARTIR D'UNE FORMATION SOUTERRAINE**
[72] CHAKRABARTY, TAPANTOSH, CA
[72] COURTNAGE, DAVID E., CA
[72] KWAN, MORI Y., CA
[72] YERIAN, JEFFREY A., CA
[72] YANG, XIAOMENG, CA
[73] IMPERIAL OIL RESOURCES LIMITED,
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[54] **PROCEDE DE REGULATION D'UNE SORTIE DE VOLUME D'AIR FOURNIE PAR UN MOTEUR ET UN SYSTEME DE VENTILATEUR DE CLIMATISATION**
[72] HU, GE, CN
[72] ZHANG, XIANSHENG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.,
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[54] **ANTICORPS ANTI-VIRUS RESPIRATOIRE SYNCYTIAL (RSV) HUMAIN ET PROCEDES D'UTILISATION**
[72] WILLIAMSON, ROBERT ANTHONY, US
[72] WADIA, JEHANGIR, US
[72] PASCUAL, GABRIEL, US
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[54] **EXTRUDEUSE AVEC PLATEAU MATRICE INTEGRE ET PROCEDE POUR DEGAZER DES MELANGES DE POLYMERES**
[72] PAUL, HANNS-INGOLF, DE
[72] WIESNER, UDO, DE
[72] KIRCHHOFF, JOERG, DE
[72] KOENIG, THOMAS, DE
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[72] TEODORCZYK, MARIA, US
[73] CILAG GMBH INTERNATIONAL,
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[72] BISCHOFF, JEFFREY E., US
[72] SANFORD, ADAM H., US
[72] HODOREK, ROBERT, US
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[72] BHATJI, ARUN ANANTH, US
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[72] MICHALSKI, JAMES, US
[72] WOOLEY, C. BENJAMIN, US
[73] JOHNSON & JOHNSON VISION CARE, INC.,
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[54] **ENSEMBLES D'AIGUILLES SOLUBLES POUR L'ADMINISTRATION DE VACCINS CONTRE LA GRIPPE**
[72] O'HAGAN, DEREK, US
[72] SINGH, MANMOHAN, US
[72] KWON, SUN-YUN, US
[73] THERAJECT, INC.,
[73] SEQIRUS UK LIMITED,
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[54] **METHODE ET SYSTEME DE SURVEILLANCE SEQUENTIELLE A RECOUVREMENT DE POUR LES CIRCUITS DE VOIE**
[72] GRUBER, MARK JOHN, US
[72] BEACHAM, MICHAEL JAMES, US
[73] ANSALDO STS USA, INC.,
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[54] **APPAREIL ET PROCEDE POUR TRAVAIL ET NIVELLEMENT DE SOLS**
[72] GRAY, GEOF J., CA
[72] AVERINK, JOHN MARK, CA
[72] ROZENDAAL, JACOBUS A., CA
[72] GOVEIA, SIMON, CA
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[72] CLOUTIER, SYLVIE, CA
[73] DSM NUTRITIONAL PRODUCTS AG,
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[73] MUDDY RIVER, SERIES 97 OF ALLIED SECURITY TRUST I,
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[73] DANA CANADA CORPORATION,
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[73] IMPLUS FOOTCARE, LLC,
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[73] TYR TACTICAL, LLC,
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[54] **PROCEDES ET SYSTEMES POUR MENER DES OPERATIONS PAR CARTE A PUCE**
[72] PATEFIELD-SMITH, MARTIN, GB
[72] AHERN, JAMES, IE
[73] DAON HOLDINGS LIMITED,
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[54] **APPAREIL DE DETECTION DE RAYONNEMENT DIRECTIONNEL ET PROCEDE UTILISANT UNE COLLIMATION INVERSE**
[72] SUR, BHASKAR, CA
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[72] DAS, ARJUN, CA
[72] JONKMANS, GUY, CA
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[72] DEBOER, NATHAN H., US
[72] HOLLERMANN, ROSS MICHAEL, US
[72] SALENTINE, ERIC, US
[73] MARVIN LUMBER AND CEDAR COMPANY, D/B/A/ MARVIN WINDOWS AND DOORS,
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[72] SHELTON, STEPHEN, US
[72] UTECH, THOMAS, US
[72] GODLEWSKI, PETER, US
[72] JING, EMILY, US
[72] SCHMIDT, CHARLIE, US
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[54] **APPAREIL D'ORIENTATION DE FLUX A UTILISER AVEC DES REGULATEURS DE FLUIDE**
[72] CHIZEK, JARED B., US
[72] DAVIS, DAVID BLAIR, US
[73] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC.,
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[54] **SYSTEME ET PROCEDE POUR COUPE ELECTROCHIRURGICALE AU GAZ CONDUCTEUR POUR AMELIORER LE SOIN DES ESCARRES, SCELLER DE MANIERE ETANCHE DES VAISSEAUX ET DES TISSUS**
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[72] VIEIRA, EDSON, BR
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[72] LU, FANG, US
[72] GREENE, THOMAS W., US
[72] MOORE, ROBERT E., JR., US
[72] HEDGES, BRADLEY, CA
[72] KUMPATLA, SIVA P., US
[72] RAM, RAGHAV, US
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[54] **THERAPIE ANTIDIABETIQUE VASOPROTECTRICE ET CARDIOPROTECTRICE EMPLOYANT DES INHIBITEURS DE DPP-4**
[72] KLEIN, THOMAS, DE
[72] DAIBER, ANDREAS, DE
[72] JOHANSEN, ODD-ERIK, DE
[72] MARK, MICHAEL, DE
[72] PATEL, SANJAYKUMAR, DE
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[54] **SYSTEME ET METHODE DE VERIFICATION D'IDENTITE DANS UN MILIEU DE DETENTION**
[72] TORGERSRUD, RICHARD, US
[72] O'NEIL, KEVIN, US
[72] DITTO, CHRISTOPHER, US
[72] GONGAWARE, GRANT, US
[72] KRAUSS, KEVIN E., US
[72] PETERSEN, ERIK, US
[73] INTELMATE LLC,
[86] (2818214)
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[54] **BASKETBALL STOPPING WALL**
[54] **PAROI D'ARRET POUR BALLON DE BASKETBALL**
[72] ELPERS, PHILIP, US
[72] GUERZINI, MICHAEL, US
[72] HUGHES, ANDREW, US
[73] INDIAN INDUSTRIES, INC.,
[86] (2818535)
[87] (2818535)
[22] 2013-06-07
[30] US (61/656,602) 2012-06-07
[30] US (13/911,728) 2013-06-06

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[25] EN
[54] **IMMUNOGENIC PEPTIDES FOR USE IN THE PREVENTION AND/OR TREATMENT OF INFECTIOUS DISEASES, AUTOIMMUNE DISEASES, IMMUNE RESPONSES TO ALLOFACTORS, ALLERGIC DISEASES, TUMORS, GRAFT REJECTION AND IMMUNE RESPONSES AGAINST VIRAL VECTORS USED FOR GENE THERAPY OR GENE VACCINATION**
[54] **PEPTIDES IMMUNOGENES DESTINES A LA PREVENTION ET/OU AU TRAITEMENT DE MALADIES INFECTIEUSES, DE MALADIES AUTO-IMMUNES, DE REPONSES IMMUNITAIRES AUX ALLOFACTEURS, DE MALADIES ALLERGIQUES, DE TUMEURS, DU REJET DE GREFFE, ET DES REPONSES IMMUNITAIRES DIRIGEES CONTRE DES VECTEURS VIRAUX UTILISES EN THERAPIE GENIQUE OU EN VACCINATION GENIQUE**
[72] SAINT-REMY, JEAN-MARIE, BE
[73] IMNATE SARL,
[85] 2013-05-24
[86] 2011-11-24 (PCT/EP2011/070898)
[87] (WO2012/069568)
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[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/52 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **RAPID IN VIVO GENE MUTATION ASSAY BASED ON THE PIG-A GENE**
[54] **EVALUATION DE MUTATION GENETIQUE IN VIVO RAPIDE SUR LA BASE DU GENE PIG-A**
[72] DERTINGER, STEPHEN D., US
[72] BRYCE, STEVEN M., US
[73] LITRON LABORATORIES, LTD.,
[85] 2013-05-24
[86] 2011-11-23 (PCT/US2011/062125)
[87] (WO2012/071557)
[30] US (61/417,104) 2010-11-24

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[51] **Int.Cl. G01V 9/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **MODELING IMMISCIBLE TWO PHASE FLOW IN A SUBTERRANEAN FORMATION**
[54] **MODELISATION D'UN ECOULEMENT DIPHASIQUE IMMISCIBLE DANS UNE FORMATION SOUTERRAINE**
[72] ALSHAKHS, MOHAMMED JAWAD A., SA
[73] SAUDI ARABIAN OIL COMPANY,
[85] 2013-06-10
[86] 2011-11-23 (PCT/US2011/062015)
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[30] US (12/974,434) 2010-12-21

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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CENTRE FOR THE PREPARATION OF ADDITIVES FOR HYDRAULIC FRACTURING OPERATIONS AND HYDRAULIC FRACTURING PROCESS EMPLOYING THE PREPARATION CENTRE**
[54] **CENTRE POUR LA PREPARATION D'ADDITIFS POUR LES OPERATIONS DE FRACTURATION HYDRAULIQUE ET PROCEDE DE FRACTURATION HYDRAULIQUE ASSOCIE AU CENTRE DE PREPARATION**
[72] PICH, RENE, FR
[72] NICHOLS, PETER, US
[73] S.P.C.M. SA,
[86] (2821558)
[87] (2821558)
[22] 2013-07-24
[30] US (61/693,547) 2012-08-27

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[51] **Int.Cl. F21V 19/02 (2006.01) F21V 14/02 (2006.01) F21V 17/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE LED ASSEMBLY, OPTICAL SYSTEM USING SAME AND METHOD OF ASSEMBLY THEREFOR**
[54] **ENSEMBLE A DEL REGLABLE, SYSTEME OPTIQUE UTILISANT CELUI-CI ET METHODE D'ASSEMBLAGE CONNEXE**
[72] YAPHE, HOWARD, CA
[72] NISEL, ADRIAN, CA
[73] AXIS LIGHTING INC.,
[86] (2821751)
[87] (2821751)
[22] 2013-07-25
[30] US (13/601,562) 2012-08-31

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[51] **Int.Cl. H02G 3/04 (2006.01) H02G 3/32 (2006.01)**
[25] EN
[54] **A CABLE BREAKOUT SUPPORT**
[54] **SUPPORT DE RUPTURE DE CABLE**
[72] EYLES, JONATHAN MARK, GB
[72] KURUNDWAD, PRAVEEN, IN
[72] JAIN, DHARMENDRA, IN
[72] CHANDOOR, SRIVANI, IN
[72] MUTHUSWAMY, SURESH KUMAR, IN
[72] KAINTHAJE, SHIVAPRAKASH, IN
[73] TYCO ELECTRONICS UK LTD,
[73] TYCO ELECTRONICS CORPORATION INDIA PVT LIMITED,
[85] 2013-06-19
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[54] **BIODEGRADABLE DRUG DELIVERY COMPOSITIONS**
[54] **COMPOSITIONS BIODEGRADABLES D'ADMINISTRATION DE MEDICAMENTS**
[72] GAUDRIAULT, GEORGES, FR
[73] MEDINCELL,
[85] 2013-06-20
[86] 2011-12-29 (PCT/IB2011/003323)
[87] (WO2012/090070)
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[51] **Int.Cl. G06F 16/903 (2019.01) G06F 16/2453 (2019.01)**
[25] EN
[54] **FILTERING QUERIED DATA ON DATA STORES**
[54] **FILTRAGE DE DONNEES INTERROGEES DANS DES MAGASINS DE DONNEES**
[72] NICE, NIR, US
[72] SITTON, DANIEL, US
[72] KREMER, DROR, US
[72] FELDMAN, MICHAEL, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
[85] 2013-06-21
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[25] EN
[54] **LIGHTWEIGHT FOAMED FLY ASH BASED BINDERS AND METHOD**
[54] **LIANTS A BASE DE CENDRES VOLANTES EXPANSEES LEGERES ET PROCEDE**
[72] PEREZ-PENA, MARIANELA, US
[73] UNITED STATES GYPSUM COMPANY,
[85] 2013-06-25
[86] 2011-12-21 (PCT/US2011/066347)
[87] (WO2012/092047)
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[25] EN
[54] **NOVEL PYRAZOLE AND IMIDAZOLE DERIVATIVES USEFUL AS OREXIN ANTAGONISTS**
[54] **NOUVEAUX DERIVES DE PYRAZOLE ET D'IMIDAZOLE UTILES A TITRE D'ANTAGONISTES D'OREXINE**
[72] BOLLI, MARTIN, CH
[72] BOSS, CHRISTOPH, CH
[72] BROTSCHI, CHRISTINE, CH
[72] GUDE, MARKUS, CH
[72] HEIDMANN, BIBIA, CH
[72] SIFFERLEN, THIERRY, CH
[72] WILLIAMS, JODI T., CH
[73] IDORSIA PHARMACEUTICALS LTD,
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[25] FR
[54] **DEVICE FOR MEASURING SPASTICITY**
[54] **DISPOSITIF DE MESURE DE LA SPASTICITE**
[72] GAMET, DIDIER, FR
[72] BUFFENOIR-BILLET, KEVIN, FR
[72] PEROT, CHANTAL, FR
[73] UNIVERSITE TECHNOLOGIE DE COMPIEGNE - UTC,
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS),
[85] 2013-07-16
[86] 2012-01-17 (PCT/EP2012/050649)
[87] (WO2012/098121)
[30] FR (1150361) 2011-01-17

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[51] **Int.Cl. A61K 35/76 (2015.01) C12N 5/09 (2010.01) A61P 37/04 (2006.01) C12N 7/00 (2006.01) C12Q 1/70 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PVRL4 (NECTIN 4) IS A RECEPTOR FOR MEASLES VIRUS.**
[54] **LA PVRL4 (NECTINE 4) EST UN RECEPTEUR DU VIRUS DE LA ROUGEOLE**
[72] RICHARDSON, CHRISTOPHER D., CA
[73] RICHARDSON, CHRISTOPHER D.,
[85] 2013-07-18
[86] 2012-01-17 (PCT/IB2012/000183)
[87] (WO2012/098465)
[30] US (61/433,679) 2011-01-18

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[13] C
[51] **Int.Cl. C07B 45/00 (2006.01) C07D 213/63 (2006.01) C07F 9/58 (2006.01)**
[25] EN
[54] **A THIONATION PROCESS AND A THIONATING AGENT**
[54] **PROCEDE DE THIONATION ET AGENT DE THIONATION**
[72] PETTERSSON, BIRGITTA, SE
[72] HASIMBEGOVIC, VEDRAN, SE
[72] SVENSSON, PER H., SE
[72] BERGMAN, JAN, SE
[73] VIRONOVA THIONATION AB,
[85] 2013-07-19
[86] 2012-02-03 (PCT/EP2012/051864)
[87] (WO2012/104415)
[30] EP (11153421.0) 2011-02-04
[30] US (61/439,522) 2011-02-04

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[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) B09B 3/00 (2006.01) F25J 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING THE ENERGY DENSITY OF FEEDSTOCKS USING FORMATE SALTS**
[54] **PROCEDE POUR L'AMELIORATION DE LA DENSITE D'ENERGIE DE CHARGES DE DEPART A L'AIDE DE SELS DE TYPE FORMIATE**
[72] WHEELER, MARSHALL CLAYTON, US
[72] VAN HEININGEN, ADRIAAN R.P., US
[72] CASE, PAIGE A., US
[72] DESISTO, WILLIAM JOSEPH, US
[72] VAN WALSUM, G. PETER, US
[73] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES,
[85] 2013-07-24
[86] 2011-12-20 (PCT/US2011/066057)
[87] (WO2012/106040)
[30] US (61/438,419) 2011-02-01
[30] US (61/510,671) 2011-07-22

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[51] **Int.Cl. E01B 1/00 (2006.01) E01B 3/40 (2006.01) E01C 5/00 (2006.01) E04B 5/04 (2006.01)**
[25] EN
[54] **MODULAR SLAB AND MODULAR SURFACE SYSTEM**
[54] **DALLE MODULAIRE ET SYSTEME DE SURFACE MODULAIRE**
[72] HAMMOND, JOHN, GB
[73] PRECAST ADVANCED TRACK LIMITED,
[85] 2013-07-25
[86] 2011-01-27 (PCT/GB2011/000107)
[87] (WO2011/092470)
[30] GB (1001492.6) 2010-01-29

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[51] **Int.Cl. C08K 3/26 (2006.01) C08L 83/04 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **ORGANOSILOXANE COMPOSITIONS**
[54] **COMPOSITIONS D'ORGANOSILOXANE**
[72] VANDEREECKEN, PATRICK, BE
[72] JADOT, EMMANUEL, BE
[73] DOW CORNING CORPORATION,
[85] 2013-08-06
[86] 2012-03-02 (PCT/EP2012/053620)
[87] (WO2012/119940)
[30] GB (1103689.4) 2011-03-04

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[51] **Int.Cl. A01N 33/12 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 39/04 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 47/12 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **USES OF CHOLINE CHLORIDE IN AGROCHEMICAL FORMULATIONS TO INCREASE THE PENETRATION OF THE AGROCHEMICAL ACTIVE INGREDIENT IN A PLANT**
[54] **UTILISATIONS DE CHLORURE DE CHOLINE DANS LES FORMULES AGROCHIMIQUES EN VUE D'AUGMENTER LA PENETRATION DE L'INGREDIENT AGROCHIMIQUE ACTIF DANS UNE PLANTE**
[72] SCLAPARI, THIERRY, US
[72] BRAMATI, VALERIO, IT
[72] ERBA, AMBROGIO, IT
[73] RHODIA OPERATIONS,
[85] 2013-08-08
[86] 2012-02-22 (PCT/EP2012/053012)
[87] (WO2012/113830)
[30] US (61/445,144) 2011-02-22
[30] EP (11305356.5) 2011-03-30

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[51] **Int.Cl. A61K 31/205 (2006.01) A61K 31/221 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 9/14 (2006.01)**
[25] EN
[54] **TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASE AND THROMBOSIS**
[54] **TRAITEMENT ET PREVENTION D'UNE MALADIE CARDIOVASCULAIRE ET D'UNE THROMBOSE**
[72] HAZEN, STANLEY L., US
[72] WANG, ZENENG, US
[73] THE CLEVELAND CLINIC FOUNDATION,
[85] 2013-08-09
[86] 2012-02-01 (PCT/US2012/023449)
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[30] US (61/441,315) 2011-02-10

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[51] **Int.Cl. B24D 3/14 (2006.01) B24D 3/28 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **COATED ABRASIVE ARTICLE HAVING ROTATIONALLY ALIGNED FORMED CERAMIC ABRASIVE PARTICLES AND METHOD OF MAKING**
[54] **ARTICLE ABRASIF REVETU AYANT DES PARTICULES ABRASIVES CERAMIQUES FACONNEES ALIGNEES EN ROTATION ET PROCEDE DE FABRICATION**
[72] KEIPERT, STEVEN J., US
[73] 3M INNOVATIVE PROPERTIES COMPANY,
[85] 2013-08-12
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[51] **Int.Cl. G01L 3/10 (2006.01) G01L 25/00 (2006.01)**
[25] FR
[54] **METHOD FOR CALIBRATING A TORQUEMETER**
[54] **PROCEDE DE CALIBRATION D'UN COUPLEMETRE A TORSION**
[72] HAEHNER, EDGAR, FR
[73] TURBOMECA,
[85] 2013-08-14
[86] 2012-02-23 (PCT/FR2012/050383)
[87] (WO2012/117187)
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[25] EN
[54] **SOAP DISPENSING UNITS WITH ANTI-DRIP VALVE**
[54] **UNITES DE DISTRIBUTION DE SAVON AVEC ROBINET ANTI-GOUTTES**
[72] YANG, FRANK, US
[72] WOLBERT, DAVID, US
[72] SANDOR, JOSEPH, US
[72] CARDENAS, ORLANDO, US
[73] SIMPLEHUMAN, LLC,
[85] 2013-08-21
[86] 2012-03-02 (PCT/US2012/027602)
[87] (WO2012/122056)
[30] US (61/449,588) 2011-03-04
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[25] EN
[54] **HISTONE DEACETYLASE INHIBITORS**
[54] **INHIBITEURS DE L'HISTONE DEACETYLASE**
[72] JACQUES, VINCENT, US
[72] RUSCHE, JAMES R., US
[72] PEET, NORTON P., US
[72] SINGH, JASBIR, US
[73] BIOMARIN PHARMACEUTICAL INC.,
[85] 2013-08-27
[86] 2012-02-28 (PCT/US2012/026874)
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[30] US (61/447,416) 2011-02-28

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[25] EN
[54] **INSULATIVE PRODUCTS HAVING BIO-BASED BINDERS**
[54] **PRODUITS ISOLANTS A LIANTS D'ORIGINE BIOLOGIQUE**
[72] HAWKINS, CHRISTOPHER M., US
[72] HERNANDEZ-TORRES, JESUS MANUEL, US
[72] CHEN, LIANG, US
[72] MARTINE, EDWARD ALAN, US
[72] CHACKO, JACOB, US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC,
[85] 2013-08-28
[86] 2012-03-01 (PCT/US2012/027226)
[87] (WO2012/118939)
[30] US (13/037,725) 2011-03-01

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[13] C
[51] **Int.Cl. G01N 21/03 (2006.01) B82Y 15/00 (2011.01) B82Y 35/00 (2011.01) B01L 3/00 (2006.01) G01N 21/05 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **RAPID QUANTIFICATION OF BIOMOLECULES IN A SELECTIVELY FUNCTIONALIZED NANOFLUIDIC BIOSENSOR AND METHOD THEREOF**
[54] **QUANTIFICATION RAPIDE DE BIOMOLECULES DANS UN BIOCAPTEUR NANOFLUIDIQUE SELECTIVEMENT FONCTIONNALISE ET PROCEDE ASSOCIE**
[72] DURAND, NICOLAS, CH
[72] MARKI, IWAN, CH
[72] BROILLET, STEPHANE, CH
[72] MAYOR, ANNICK, CH
[72] LASSER, THEO, CH
[73] ABIONIC SA,
[85] 2013-09-05
[86] 2012-02-06 (PCT/IB2012/050527)
[87] (WO2012/120387)
[30] IB (PCT/IB2011/050979) 2011-03-09

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[13] C
[51] **Int.Cl. C12P 21/02 (2006.01) C12N 15/113 (2010.01) A61K 38/00 (2006.01) A61K 39/395 (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] **RECOMBINANT POLYPEPTIDE PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE POLYPEPTIDE RECOMBINE**
[72] TABUCHI, HISAHIRO, JP
[72] SUGIYAMA, TOMOYA, JP
[73] CHUGAI SEIYAKU KABUSHIKI KAISHA,
[85] 2013-09-11
[86] 2012-03-30 (PCT/JP2012/058577)
[87] (WO2012/137683)
[30] JP (2011-082002) 2011-04-01

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[13] C
[51] **Int.Cl. C04B 35/52 (2006.01) C04B 35/645 (2006.01)**
[25] EN
[54] **METHODS FOR IMPROVING THERMAL STABILITY OF A POLYCRYSTALLINE DIAMOND (PCD)**
[54] **METHODES D'AMELIORATION DE LA STABILITE THERMIQUE D'UN DIAMANT POLYCRISTALLIN (PCD)**
[72] SURYAVANSHI, ABHIJIT, US
[73] DIAMOND INNOVATIONS, INC.,
[85] 2013-09-19
[86] 2012-04-06 (PCT/US2012/032626)
[87] (WO2012/139060)
[30] US (61/472,322) 2011-04-06

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[13] C
[51] **Int.Cl. B65G 45/10 (2006.01) B08B 9/049 (2006.01)**
[25] EN
[54] **CLEANING DEVICE FOR CLEANING A CONVEYOR SYSTEM**
[54] **DISPOSITIF DE NETTOYAGE POUR NETTOYER UN SYSTEME TRANSPORTEUR**
[72] HILARIDES, JIM J., US
[72] HUBMANN, CURTIS H., US
[72] BOBER, ANDREW M., US
[72] COOK, STEPHEN C., US
[72] LUDTKE, JONATHAN L., US
[72] NUNEZ, JUSTIN M., US
[72] BULLIS, DANIEL, US
[72] SEALS, DOUGLAS E., US
[72] LEE, DANIEL J., US
[72] BAKKEN, TODD J., US
[72] SHERWIN, CHRIS, US
[73] DIVERSEY, INC.,
[85] 2013-09-27
[86] 2012-03-28 (PCT/US2012/030985)
[87] (WO2012/135369)
[30] US (61/516,132) 2011-03-28
[30] US (61/592,374) 2012-01-30

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[13] C
[51] **Int.Cl. B61H 13/20 (2006.01) B61H 13/38 (2006.01)**
[25] EN
[54] **A RAIL VEHICLE BRAKE ACTUATOR WITH A BRAKE BLOCK HOLDER**
[54] **RECEPTEUR DE FREINAGE DE VEHICULE FERROVIAIRE A PORTE-SABOT**
[72] LUNDGREN, MAGNUS, SE
[73] FAIVELEY TRANSPORT NORDIC AB,
[85] 2013-10-01
[86] 2012-04-04 (PCT/SE2012/050371)
[87] (WO2012/138291)
[30] SE (1150302-6) 2011-04-06

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[13] C
[51] **Int.Cl. C04B 7/43 (2006.01) C04B 7/60 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING AND UTILIZING BYPASS DUSTS OBTAINED DURING THE PRODUCTION OF CEMENT**
[54] **PROCEDE POUR LE TRAITEMENT ET L'UTILISATION DE POUSSIERES DE DERIVATION PROVENANT DU PROCESSUS DE PRODUCTION DE CIMENT**
[72] SIPPLE, ERNST-MICHAEL, AT
[72] MADERO, CARLOS ENRIQUE ALZATE, SK
[72] SZABADOS, PETER, SK
[72] VAJANSKY, MICHAL, SK
[72] SVARC, VIKTOR, SK
[72] KOGLBAUER, GERALD, AT
[73] HOLCIM TECHNOLOGY LTD,
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[54] **PROCEDE DE RECUPERATION D'HUILE OU DE GAZ ET DE TRAITEMENT DE L'EAU PRODUITE RESULTANTE**
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[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT,
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[54] **METHOD TO EXTEND WHOLE GRAIN FLOUR AND PRODUCT SHELF LIFE**
[54] **PROCEDE POUR PROLONGER LA DUREE DE CONSERVATION D'UNE FARINE COMPLETE ET D'UN PRODUIT**
[72] ZHAO, BIN, US
[72] ZHOU, NING, US
[72] HANSEN, TIMOTHY S., US
[72] DUFFIN, MICHAEL A., CA
[72] CASSONE, DOMENICO R., US
[72] GANNON, DIANE L., US
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[54] **SYSTEME POUR SANITAIRES PERMETTANT LA PREVENTION DE TROP-PLEIN ET POSSEDANT D'AUTRES FONCTIONS**
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[72] FIGURSKI, MARK A., US
[72] RUNDBERG, MICHELLE L., US
[72] KOHLWEY, KEVIN M., US
[72] BAYLEY, GRAEME S., US
[72] DHEIN, THEODORE E., US
[72] KREITZER, KENNETH A., US
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[72] WEERASOORIYA, UPALI P., US
[72] POPE, GARY A., US
[72] RADFORD, PETER, US
[72] STEVENSON, HOWARD, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM,
[73] HARCROS CHEMICALS INC.,
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[54] **BENZAMIDES**
[72] YU, HENRY, US
[72] LI, JIEZHEN, US
[72] RICHARDSON, THOMAS E., US
[72] BHARATHI, PANDI, US
[72] HEASLEY, BRIAN H., US
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[72] YAMAMOTO, MITSUAKI, JP
[73] SEKISUI MEDICAL CO., LTD.,
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[54] **METHOD AND APPARATUS FOR COMPRESSING/LOADING STENT-VALVES**
[54] **PROCEDE ET APPAREIL POUR COMPRESSER/CHARGER DES VALVES D'ENDOPROTHESES**
[72] ESSINGER, JACQUES, CH
[72] DELALOYE, STEPHANE, CH
[72] HEFTI, JEAN-LUC, CH
[72] MANTANUS, LUC, CH
[72] PARIS, MICHAEL, CH
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[54] **LIXISENATIDE AND METFORMIN FOR TREATMENT OF DIABETES TYPE 2**
[54] **LIXISENATIDE ET METFORMINE POUR LE TRAITEMENT DU DIABETE DE TYPE 2**
[72] RUUS, PETER, DE
[72] SILVESTRE, LOUISE, FR
[72] MIOSSEC, PATRICK, FR
[72] PINQUIER, JEAN-LOUIS, FR
[72] HINCELIN-MERY, AGNES, FR
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[54] **METHOD OF TREATING ARTICLES WITH CARBON DIOXIDE**
[54] **PROCEDE DE TRAITEMENT D'ARTICLES AVEC DU DIOXYDE DE CARBONE**
[72] OLSON, JOELLE FRANCINE, US
[72] SMITH, KIM R., US
[72] THOMAS, JOHN E., US
[72] SCHULTZ, ANDREW M., US
[73] ECOLAB USA INC.,
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[72] ERLE, ULRICH JOHANNES, US
[73] SOCIETE DES PRODUITS NESTLE S.A.,
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[54] **SEPARATEUR POUR BATTERIE LITHIUM-ION A SIMPLE COUCHE**
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[72] SCHAEFFER, JAMES L., US
[73] DREAMWEAVER INTERNATIONAL, INC.,
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[73] THOMPSON, MARILYN R.,
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[72] MARTCH, HENRY GREGG, US
[72] KUMMER, DAVID A., US
[72] KENNEDY, JOHN T., US
[73] ECHOSTAR TECHNOLOGIES L.L.C.,
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[54] **COMPOSITIONS D'ESTOLIDE PRESENTANT UNE STABILITE OXYDANTE ELEVEE**
[72] BREDSGUARD, JAKOB, US
[72] THOMPSON, TRAVIS, US
[72] FOREST, JEREMY, US
[73] BIOSYNTHETIC TECHNOLOGIES, LLC,
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[54] **COMPOUNDS AND PHARMACEUTICAL COMBINATIONS FOR THE TREATMENT OF NEURODEGENERATIVE AND ISCHEMIC BRAIN DISEASES**
[54] **COMPOSES ET COMBINAISONS PHARMACEUTIQUES POUR LE TRAITEMENT DE MALADIES CEREBRALES ISCHEMIQUES ET NEURODEGENERATIVES**
[72] PENTON ROL, GISELLE, CU
[72] LLOPIZ ARZUAGA, ALEXEY, CU
[72] MARIN PRIDA, JAVIER, CU
[72] PENTON ARIAS, EDUARDO, CU
[72] RODRIGUEZ JIMENEZ, EFRAIN, CU
[72] MUSACCHIO LASA, ALEXIS, CU
[72] BESADA PEREZ, VLADIMIR ARMANDO, CU
[72] PARDO ANDREU, GILBERTO LAZARO, CU
[72] GONZALEZ LOPEZ, LUIS JAVIER, CU
[72] PAVON FUENTES, NANCY, CU
[72] GUILLEN NIETO, GERARDO ENRIQUE, CU
[72] LOPEZ SAURA, PEDRO ANTONIO, CU
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[54] **DHA ET EPA POUR LA REDUCTION DU STRESS OXYDATIF**
[72] BOSCO, MOHAMED NABIL, CH
[72] OLIVEIRA, MANUEL, CH
[72] DESTAILLATS, FREDERIC, CH
[72] BENYACOUB, JALIL, CH
[72] BRAHMBHATT, VIRAL, CH
[73] SOCIETE DES PRODUITS NESTLE S.A.,
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[54] **APPLICATEUR SERVANT A APPLIQUER UNE SOLUTION LIQUIDE SUR UN PATIENT**
[72] UETA, MASAHIRO, JP
[72] SAKAGUCHI, RYOUHEI, JP
[72] TAKEI, RYOUJI, JP
[72] SASAMA, KATSUMI, JP
[72] TAGUCHI, KATSUYA, JP
[73] KAKEN PHARMACEUTICAL CO., LTD.,
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[72] GRATZER, LOUIS B., US
[73] AVIATION PARTNERS, INC.,
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[54] **INK AND COATING COMPOSITIONS FOR PACKAGING APPLICATIONS INCLUDING FUNCTIONALIZED HOMOPOLYMERS OR COPOLYMERS OF VINYL ALCOHOLS**
[54] **COMPOSITIONS D'ENCRE ET DE REVETEMENT POUR APPLICATIONS D'EMBALLAGE COMPRENANT DES HOMOPOLYMERES OU DES COPOLYMERES FONCTIONNALISES D'ALCOOLS VINYLIQUES**
[72] ILLSLEY, DEREK RONALD, GB
[73] SUN CHEMICAL CORPORATION,
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[54] **PROCEDE DE GESTION DE LA REUTILISATION SPATIALE DE CANAL UNIQUE EN PRESENCE DE NOEUDS POTENTIELLEMENT PERTURBATEURS DANS UN RESEAU MOBILE AD HOC**
[72] JOLY, ANTOINE, FR
[72] FACHAU, LAURENT, FR
[73] THALES,
[73] INDRA SISTEMAS S.A.,
[73] ELEKTROBIT WIRELESS COMMUNICATIONS LTD,
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[73] SAAB AB (PUBL.),
[73] RADMOR S.A.,
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[54] **METHODES DE DIAGNOSTIC DE CARENCE OVARIENNE PRECOCE PAR DETECTION D'EXPRESSION VASA**
[72] TILLY, JONATHAN L., US
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[73] THE GENERAL HOSPITAL CORPORATION,
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[54] **COMPOSES DE MONOMETHYLVALINE CAPABLES DE CONJUGAISON AUX LIGANDS**
[72] DORONINA, SVETLANA O., US
[72] SENTER, PETER D., US
[72] TOKI, BRIAN E., US
[72] EBENS, ALLEN J., US
[72] KLINE, TONI BETH, US
[72] POLAKIS, PAUL, US
[72] SLIWKOWSKI, MARK X., US
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[73] SEATTLE GENETICS, INC.,
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[25] EN
[54] **HYBRID POLYMER COATING FOR PETROUS OR CERAMIC SUBSTRATES, PETROUS OR CERAMIC SUBSTRATE, AND OBTAINING METHOD**
[54] **REVETEMENT POLYMERE HYBRIDE POUR SUPPORTS EN PIERRE OU EN CERAMIQUE ET PROCEDE DE FABRICATION**
[72] SCHONEVELD, ERIK, ES
[72] SANCHIS BRINES, FRANCISCO, ES
[72] ORTOLA, ALBERTO, ES
[72] SANCHEZ SEVILLA, BERNARDO, ES
[73] SILICALIA, SL,
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[54] **COMPOSITION DE MODIFICATEUR DE LIANT D'ASPHALTE**
[72] TREWELLA, JEFFREY C., US
[72] STROPE, DAN, US
[73] KIOR, INC.,
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[54] **HOSE CLAMP WITH FLAT SPRING LINER**
[54] **COLLIER DE SERRAGE A DOUILLE A RESSORT PLATE**
[72] BOWATER, BRUCE D., US
[73] IDEAL CLAMP PRODUCTS, INC.,
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[51] **Int.Cl. C12Q 1/56 (2006.01) G01N 21/64 (2006.01) G01N 21/76 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE SPATIAL AND TEMPORAL DISTRIBUTION OF THE ACTIVITY OF A PROTEOLYTIC ENZYME IN A HETEROGENEOUS SYSTEM (VARIATIONS), DEVICE FOR REALIZING SAME AND METHOD FOR DIAGNOSING DEFECTS IN THE HEMOSTATIC SYSTEM ON THE BASIS OF A CHANGE IN THE SPATIAL AND TEMPORAL DISTRIBUTION OF THE ACTIVITY OF A PROTEOLYTIC ENZYME IN A HETEROGENEOUS SYSTEM**
[54] **PROCEDE POUR DETERMINER LA REPARTITION SPATIALE ET TEMPORELLE DE L'ACTIVITE D'UN FERMENT PROTEOLYTIQUE DANS UN SYSTEME HETEROGENE (ET VARIANTES), DISPOSITIF POUR METTRE EN OEUVRE L EDIT PROCEDE ET PROCEDE DE DIAGNOSTIC DU SYSTEME DE PERTURBATION DE L'HOMEOSTASIE SUR LA BASE DE LA MODIFICATION DE LA REPARTITION SPATIALE ET TEMPORELLE DE L'ACTIVITE D'UN FERMEN**
[72] ATAULLAKHANOV, FAZOIL INOYATOVICH, RU
[72] DASHKEVICH, NATALJYA MIKHAJLOVNA, RU
[72] OVANESOV, MIKHAIL VLADIMIROVICH, RU
[72] SARBASH, VASILII IVANOVICH, RU
[72] PANTELEEV, MIKHAIL ALEKSANDROVICH, RU
[72] KARAMZIN, SERGEY SERGEEVICH, RU
[72] KONDRATOVICH, ANDREY YURJEVICH, RU
[73] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "GEMATOLOGICHESKAYA KORPORSIYA",
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[54] **METHODS FOR RESETTING STALLED PUMPS IN ELECTRONICALLY CONTROLLED DISPENSING SYSTEMS**
[54] **PROCEDES PERMETTANT DE REINITIALISER DES POMPES BLOQUEES DANS DES SYSTEMES DE DISTRIBUTION A COMMANDE ELECTRONIQUE**
[72] REYNOLDS, AARON R., US
[72] WEGELIN, JACKSON W., US
[72] QUINLAN, ROBERT L., JR., US
[72] HACKNEY, ROBERT S., CA
[72] TRUONG, CUONG, CA
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[54] **PANNEAU DE SIGNALISATION EN TROIS DIMENSIONS ET SON PROCEDE DE REALISATION**
[72] SHEN, XINGHUA, CN
[73] WU JIANG YU XING METAL ART DECORATION CO., LTD.,
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[54] **PROMEDICAMENTS LIES A DES EXCIPIENTS HYDROSOLUBLES DE FORTE CHARGE**
[72] HERSEL, ULRICH, DE
[72] MAITRO, GUILLAUME, DE
[72] RAU, HARALD, DE
[72] VETTER, DIRK, DE
[73] ASCENDIS PHARMA A/S,
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[54] **SYSTEM FOR AUTOMATIC STRUCTURE FOOTPRINT DETECTION FROM OBLIQUE IMAGERY**
[54] **SYSTEME POUR LA DETECTION AUTOMATIQUE D'EMPREINTES DE STRUCTURE A PARTIR D'IMAGERIE OBLIQUE**
[72] SCHULTZ, STEPHEN L., US
[72] YANDONG, WANG, US
[73] PICTOMETRY INTERNATIONAL CORP.,
[85] 2014-01-31
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[54] **ACCESS CHAMBER AND MARKERS FOR BIOPSY DEVICE**
[54] **CHAMBRE D'ACCES ET MARQUEURS POUR DISPOSITIF DE BIOPSIE**
[72] FIEBIG, KEVIN M., US
[72] LEIMBACH, JESSICA P., US
[72] MOORE, KYLE P., US
[72] HUNTER, MORGAN R., US
[72] NOCK, ANDREW P., US
[73] DEVICOR MEDICAL PRODUCTS, INC.,
[85] 2014-02-07
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[54] **DEVICES AND SYSTEMS FOR COUNTERPULSATION AND BLOOD FLOW CONDUIT CONNECTION**
[54] **DISPOSITIFS ET SYSTEMES DE CONTREPULSATION ET DE RACCORD DE CONDUIT DE FLUX SANGUIN**
[72] DOWLING, ROB, US
[72] KUNG, BOB, US
[72] SPENCE, PAUL, US
[72] SIESS, THORSTEN, DE
[72] SPANIER, GERD, DE
[72] GRATZ, ERIC, US
[72] HASTIE, CAITLYN, US
[73] ABIOMED, INC.,
[85] 2014-02-07
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[54] **PRESSURE RELIEVING MATTRESS**
[54] **MATELAS A DECHARGE DE PRESSION**
[72] STEVENS, LEYTON, GB
[72] MAHONEY, IAN, GB
[73] INVACARE UK OPERATIONS LIMITED,
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[54] **HOCKEY SKATE**
[54] **PATIN DE HOCKEY**
[72] CRUIKSHANK, DAVID, US
[72] HUNG, AKY, TW
[72] RUSAKOV, DMITRY, US
[72] FUNG, IAN, US
[72] KEEGAN, WILL, US
[72] SNOW, MIKE, US
[73] BAUER HOCKEY LTD.,
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[54] **IGNITION DEVICE AND METHOD FOR A TURBOMACHINE COMBUSTION CHAMBER**
[54] **DISPOSITIF ET PROCEDE D'ALLUMAGE POUR CHAMBRE DE COMBUSTION DE TURBOMACHINE**
[72] JUCHAULD, ETIENNE, FR
[72] BADINIER, JEAN-PIERRE, FR
[72] ROBERDEAU, JEAN-PIERRE, FR
[72] SERRAU, MARC, FR
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[54] **SYSTEME D'INTERFACE SYNERGIQUE POUR RESEAU D'IMMEUBLE**
[72] CASILLI, CHRIS, US
[73] SIEMENS INDUSTRY, INC.,
[85] 2014-02-21
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[25] EN
[54] **APPARATUS FOR EXTRACORPOREAL TREATMENT OF BLOOD AND PROCESS OF CALCULATING SET FLOW RATES IN A MEDICAL APPARATUS FOR DELIVERY OR COLLECTION OF FLUIDS**
[54] **APPAREIL POUR LE TRAITEMENT EXTRACORPOREL DE SANG ET PROCEDE DE CALCUL DE DEBITS REGLES DANS UN APPAREIL MEDICAL POUR L'ADMINISTRATION OU LA COLLECTE DE FLUIDES**
[72] POUCHOULIN, DOMINIQUE, FR
[73] GAMBRO LUNDIA AB,
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[54] **CONTROL CIRCUIT FOR MOTORIZED CIRCUIT BREAKER**
[54] **CIRCUIT DE COMMANDE POUR DISJONCTEUR MOTORISE**
[72] FLIPPENKO, ALEXANDER, US
[72] BROWN, SCOTT ROBERT, US
[73] SCHNEIDER ELECTRIC USA, INC.,
[85] 2014-02-25
[86] 2012-09-06 (PCT/US2012/053895)
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[54] **METHOD AND SYSTEM FOR ROUTING DATA TRAFFIC**
[54] **PROCEDE ET SYSTEME POUR L'ACHEMINEMENT DU TRAFIC DE DONNEES**
[72] ZWART, CORNELIS REMMENT, NL
[73] LIBERTY GLOBAL EUROPE HOLDING B.V.,
[85] 2014-02-26
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[54] **POLYMER COMPOSITIONS HAVING IMPROVED BARRIER PROPERTIES**
[54] **COMPOSITIONS DE POLYMERE AYANT DES PROPRIETES DE BARRIERE AMELIOREES**
[72] YANG, QING, US
[72] HLAVINKA, MARK L., US
[72] ST. JEAN, GUYLAINE, US
[72] GILL, BROOKE A., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP,
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[25] FR
[54] **SYSTEM FOR MONITORING A MEASUREMENT CHAIN OF A TURBOJET ENGINE**
[54] **SYSTEME DE SURVEILLANCE D'UNE CHAINE DE MESURE D'UN TURBOREACTEUR**
[72] FOIRET, GUILHEM, FR
[73] SNECMA,
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[25] EN
[54] **CELL VOLTAGE MONITORING CONNECTOR SYSTEM FOR A FUEL CELL STACK**
[54] **SYSTEME DE CONNEXION DE SURVEILLANCE DE LA TENSION DE BAIN DESTINE A UN BLOC DE PILES A COMBUSTIBLE**
[72] KARMAZYN, HARRY JOHN, GB
[72] CLARK, JOHN FREDERICK, GB
[72] PEART, RICHARD ALBERT, GB
[72] JONES, MARK LLEWELLYN, GB
[73] INTELLIGENT ENERGY LIMITED,
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTACTLESS TRANSACTION PROCESSING**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT SANS CONTACT DE TRANSACTIONS**
[72] WOLFOND, GREG, CA
[72] RONDA, TROY, CA
[72] BOYSEN, ANDRE, CA
[72] DAS, ABHISHEK, CA
[72] VARLEY, MICHAEL, CA
[73] SECUREKEY TECHNOLOGIES INC.,
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[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] MINATO, RAY, CA
[72] ZHOU, YUNZHEN, CA
[72] LEIPHART, CHRISTOPHER, CA
[72] DINESCU, IULIU VIG, CA
[73] CLEK INC.,
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[54] **ADJUSTABLE FRACTURING SYSTEM**
[54] **SYSTEME DE FRACTURATION REGLABLE**
[72] GUIDRY, KIRK P., US
[72] CAVANAGH, JAMES D., US
[72] SHIRLEY, BRANDON B., US
[73] CAMERON TECHNOLOGIES LIMITED,
[85] 2014-03-21
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[25] EN
[54] **FIBRONECTIN TYPE III REPEAT BASED PROTEIN SCAFFOLDS WITH ALTERNATIVE BINDING SURFACES**
[54] **ECHAFAUDAGES PROTEIQUES A BASE DE REPETITION DE FIBRONECTINE TYPE III AVEC DE NOUVELLES SURFACES DE LIAISON**
[72] DIEM, MICHAEL, US
[72] JACOBS, STEVEN, US
[73] JANSSEN BIOTECH, INC.,
[85] 2014-03-21
[86] 2012-09-27 (PCT/US2012/057436)
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[54] **COMBINATIONS OF LIPO-CHITOOLIGOSACCHARIDES AND METHODS FOR USE IN ENHANCING PLANT GROWTH**
[54] **COMBINAISONS DE LIPO-CHITO-OLIGOSACCHARIDES ET LEURS METHODES D'UTILISATION POUR AMELIORER LA CROISSANCE DE PLANTES**
[72] SMITH, R. STEWART, US
[72] HABIB, AHSAN, US
[73] NOVOZYMES BIOLOGICALS, INC.,
[73] NOVOZYMES BIOAG A/S,
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[25] EN
[54] **BROAD-SPECTRUM ANTIVIRALS AGAINST 3C OR 3C-LIKE PROTEASES OF PICORNAVIRUS-LIKE SUPERCLUSTER: PICORNAVIRUSES, CALICIVIRUSES AND CORONAVIRUSES**
[54] **ANTIVIRAUX A LARGE SPECTRE CONTRE DES PROTEASES 3C OU 3C-ASSOCIEES DU SUPER-GROUPE DES PICORNAVIRUS-ASSOCIES : PICORNAVIRUS, CALICIVIRUS ET CORONAVIRUS**
[72] CHANG, KYEONG-OK, US
[72] KIM, YUNJEONG, US
[72] GROUTAS, WILLIAM C., US
[72] HUA, DUY, US
[72] SAIF, LINDA J., US
[73] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION,
[73] THE OHIO STATE UNIVERSITY,
[73] WICHITA STATE UNIVERSITY,
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[86] 2012-09-27 (PCT/US2012/057609)
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[54] **ISOXAZOLIDINE DERIVATIVES**
[54] **DERIVES D'ISOXAZOLIDINE**
[72] GHIDINI, ELEONORA, IT
[72] RIZZI, ANDREA, IT
[73] CHIESI FARMACEUTICI S.P.A.,
[85] 2013-09-12
[86] 2012-03-14 (PCT/EP2012/054439)
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[30] EP (11158230.0) 2011-03-15

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[54] **IMPROVED MANIFOLD ARRANGEMENT**
[54] **AGENCEMENT DE COLLECTEURS AMELIORE**
[72] BILTOFT, BRUCE GREGORY, AU
[72] COLLIGNON, MICHAEL, AU
[72] MCMAHON, ROBERT JAMES, AU
[73] EVOQUA WATER TECHNOLOGIES LLC,
[85] 2014-03-27
[86] 2012-09-17 (PCT/US2012/055715)
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[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR ENCLOSING AN ANATOMICAL OPENING**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR ENFERMER UNE OUVERTURE ANATOMIQUE**
[72] BACHMAN, ANTHONY, US
[72] ROUE, CHAD, US
[72] JENSEN, MARC, US
[72] WALSH, MIKE, US
[72] CAMERON, SCOTT, US
[72] GENDREAU, MICHAEL, US
[72] ABRAMS, ROBERT M., US
[73] PULSAR VASCULAR, INC.,
[85] 2014-04-01
[86] 2012-10-05 (PCT/US2012/059133)
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[25] EN
[54] **FLAME-RETARDANT WATERPROOF STRETCHABLE COMPOSITE FABRIC, PILLOW OR MATTRESS PROTECTOR USING SAID FABRIC AND USE OF SAID FABRIC AS A PROTECTIVE SCREEN**
[54] **TISSU COMPOSITE EXTENSIBLE, ETANCHE, IGNIFUGE, ELEMENT DE PROTECTION POUR OREILLER OU MATELAS UTILISANT CE TISSU ET UTILISATION DUDIT TISSU COMME ECRAN DE PROTECTION**
[72] CUROS SANTAEULARIA, JOAN, ES
[72] RIGAU ROCA, LAURA, ES
[73] MANUFACTURES INDUSTRIALS DE TORTELLA, SA,
[85] 2014-04-08
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[51] **Int.Cl. B60L 53/00 (2019.01) B60L 58/10 (2019.01) B60W 40/00 (2006.01) H02J 7/00 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR BATTERY LIFE MAXIMIZATION UNDER FIXED-ROUTE APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE MAXIMISATION DE DUREE DE VIE DE BATTERIE DANS DES APPLICATIONS A ITINERAIRES FIXES**
[72] SARKAR, REUBEN, US
[72] MCGRATH, SEAMUS, US
[72] FINNERN, MICHAEL, US
[73] PROTERRA INC.,
[85] 2014-04-08
[86] 2012-10-10 (PCT/US2012/059611)
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[25] FR
[54] **IMPROVED METHOD FOR PROCESSING SHEET METAL MADE OF AN AL-CU-LI ALLOY**
[54] **PROCEDE DE TRANSFORMATION AMELIORE DE TOLES EN ALLIAGE AL-CU-LI**
[72] BES, BERNARD, FR
[72] EBERL, FRANK, FR
[73] CONSTELLIUM ISSOIRE,
[85] 2014-04-09
[86] 2012-10-12 (PCT/FR2012/000414)
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[30] FR (11/03155) 2011-10-14
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[25] EN
[54] **SUBSTITUTED TETRAHYDROISOQUINOLINE COMPOUNDS AS FACTOR XIA INHIBITORS**
[54] **COMPOSES DE TETRAHYDROISOQUINOLEINE SUBSTITUES COMME INHIBITEURS DU FACTEUR XIA**
[72] ORWAT, MICHAEL J., US
[72] PINTO, DONALD J.P., US
[72] SMITH, LEON M., II, US
[72] SRIVASTAVA, SHEFALI, IN
[73] BRISTOL-MYERS SQUIBB COMPANY,
[85] 2014-04-10
[86] 2012-10-12 (PCT/US2012/059969)
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[30] US (61/547,292) 2011-10-14

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[25] EN
[54] **A NEW PROCESS FOR MAKING CROSSLINKABLE POLYURETHANE/ACRYLIC HYBRID DISPERSIONS**
[54] **NOUVEAU PROCEDE POUR LA FABRICATION DE DISPERSIONS HYBRIDES DE POLYURETHANE/ACRYLIQUE RETICULABLES**
[72] ZHANG, JIGUANG, CN
[72] GUO, SHOUXUE, CN
[72] WANG, YUJIANG, CN
[72] FENG, SHAOGUANG, CN
[72] JIANG, SIYUAN, CN
[72] WANG, CAIFENG, CN
[73] DOW GLOBAL TECHNOLOGIES LLC,
[73] ROHM AND HAAS COMPANY,
[85] 2014-04-11
[86] 2011-12-22 (PCT/CN2011/084416)
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[13] C
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR SUBSTITUTED QUINAZOLINONES**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR DES QUINAZOLINONES SUBSTITUEES**
[72] SHENOY, NARMADA R., US
[73] RESVERLOGIX CORP.,
[85] 2014-04-11
[86] 2012-10-31 (PCT/IB2012/002721)
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[30] US (61/554,090) 2011-11-01

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[54] **SOLUTIONS D'ADMINISTRATION ORALE COMPRENANT UN BENZOTHIOPHENE SUBSTITUE PAR PIPERAZINE**
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[73] OTSUKA PHARMACEUTICAL CO., LTD.,
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[54] **ACTIONNEUR D'OUTIL DE FOND**
[72] MACKENZIE, ALAN, GB
[73] NOV DOWNHOLE EURASIA LIMITED,
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[54] **ATTACHMENT SYSTEM AND METHOD OF USING THE SAME**
[54] **SYSTEME DE FIXATION ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] BOUTIN, JIMMY, CA
[72] ROY, NORMAND, CA
[72] VINCENT, MATHIEU, CA
[72] JAILLET-GOSSELIN, PHILIPPE, CA
[72] THERRIEN, GENEVIEVE, CA
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[73] SOUCY INTERNATIONAL INC.,
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[54] **FORMES D'ONDE CODEES A SPECTRE ETALE DANS UNE IMAGERIE ULTRASONORE**
[72] WEGNER, ALLAN, US
[73] DECISION SCIENCES INTERNATIONAL CORPORATION,
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[54] **TRAITEMENT ANTI-HEMORROIDAIRE DOUX ASSURANT UN RETABLISSEMENT ESSENTIELLEMENT SANS DOULEUR**
[72] PISKUN, GREGORY, US
[72] GUTELIUS, PATRICK, US
[72] SHIKHMAN, OLEG, US
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[54] **TESTS DE POINT DE SOINS DE DETECTION IMMUNOLOGIQUE POUR MESURER QUANTITATIVEMENT DE PETITS ANALYTES**
[72] GIBBS, PHILLIP, US
[73] DECIMADX, LLC,
[85] 2014-04-22
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[54] **VITRAGE HYDROPHOBE**
[72] THOUMAZET, CLAIRE, FR
[72] MELCHER, MARTIN, DE
[72] HUIGNARD, ARNAUD, FR
[72] LANTE, RAPHAEL, DE
[73] SAINT-GOBAIN GLASS FRANCE,
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[54] **POLYMER-BONDED VAT DYES**
[54] **COLORANTS DE CUVE LIES PAR POLYMERE**
[72] MARGUERETTAZ, XAVIER, CH
[72] PASQUIER, CECILE, CH
[72] FANKHAUSER, CATHERINE, CH
[72] COMMEUREUC, AURELIEN, CH
[72] TILLER, THOMAS, CH
[72] WYSS, PATRICK, CH
[72] CHRISTINAT, ALEXIA, CH
[72] GRIVEL, AURELIE, CH
[72] CHILLAT, PHILIPPE, FR
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[54] **DISPOSITIF MEDICAL ET PROCEDES POUR LA COMPRESSION DE VAISSEAUX SANGUINS**
[72] KRUK, MARIUSZ, PL
[73] INSTYTUT KARDIOLOGII,
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[54] **SOLUTION MOBILE POUR IMPORTER ET SIGNER DES DOCUMENTS DE SIGNATURE ELECTRONIQUE DE TIERCE PARTIE**
[72] GONSER, THOMAS H., US
[72] PETERSON, DONALD G., US
[73] DOCUSIGN, INC.,
[85] 2014-04-23
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[54] **DISPOSITIF GENERATEUR D'AEROSOL AVEC ENSEMBLE CHAUFFANT**
[72] RUSCIO, DANI, CH
[72] GREIM, OLIVIER, CH
[72] PLOJOUX, JULIEN, CH
[73] PHILIP MORRIS PRODUCTS S.A.,
[85] 2014-04-25
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[54] **DIVERSITE D'ANTENNES MRC POUR SIGNAUX NUMERIQUES IBOC FM**
[72] KROEGER, BRIAN, US
[72] PEYLA, PAUL J., US
[72] BAIRD, JEFFREY S., US
[73] IBIQUITY DIGITAL CORPORATION,
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[54] **PROCEDE POUR LA PREPARATION DE MEMBRANES REVETUES PAR CATALYSEUR**
[72] GHIELMI, ALESSANDRO, DE
[72] MERLO, LUCA, IT
[72] BINDER, MATTHIAS, DE
[72] FACCHI, DANIELE, DE
[72] ARCELLA, VINCENZO, DE
[73] GREENERITY GMBH,
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[54] **PROCESS FOR THE REMOVAL OF THE SOLVENT FROM A POLYMERIC SOLUTION**
[54] **PROCEDE D'ELIMINATION DE SOLVANT A PARTIR D'UNE SOLUTION POLYMERE**
[72] PARISI, MARIA, IT
[72] MAESTRI, PIERO, IT
[73] VERSALIS S.P.A.,
[85] 2014-04-29
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[54] **COUCHE BARRIERE AUX METAUX ALCALINS A BASE DE SIOC**
[72] THOUMAZET, CLAIRE, FR
[72] MELCHER, MARTIN, DE
[72] HUIGNARD, ARNAUD, FR
[72] LANTE, RAPHAEL, DE
[73] SAINT-GOBAIN GLASS FRANCE,
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[54] **MONOCLONAL ANTIBODY FOR THE DETECTION OF SNAP/CLIP TAG**
[54] **ANTICORPS MONOCLONAL UTILISABLE EN VUE DE LA DETECTION DE L'ETIQUETTE SNAP/CLIP**
[72] BARTH, STEFAN, DE
[72] KOLBERG, KATHARINA, DE
[72] PUTTMANN, CHRISTIANE, DE
[72] SCHMIES, SEVERIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[85] 2014-05-07
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[54] **IMPROVED-MODEL GOLF TROLLEY**
[54] **MODELE PERFECTIONNE DE CHARIOT DE GOLF**
[72] ZHANG, SHENG, CN
[73] NINGBO WENTAI SPORT EQUIPMENT CO., LTD.,
[85] 2014-05-13
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[25] FR
[54] **TUBULAR COMPONENT FOR BORING AND EXPLOITING HYDROCARBONS WELLS AND RESULTANT THREADED JOINT**
[54] **COMPOSANT TUBULAIRE POUR LE FORAGE ET L'EXPLOITATION DES PUITS D'HYDROCARBURES ET JOINT FILETE RESULTANT**
[72] GRANGER, SCOTT, US
[72] CARON, OLIVIER, FR
[72] VERGER, ERIC, FR
[72] ROUSSIE, GABRIEL, FR
[72] FRANCHI, JONATHAN, US
[73] VALLOUREC OIL AND GAS FRANCE,
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[25] EN
[54] **METHOD AND SYSTEM FOR ELECTRONIC MDI MODEL**
[54] **PROCEDE ET SYSTEME POUR UN MODELE DE MDI ELECTRONIQUE**
[72] LEWIS, DAVID ANDREW, IT
[73] CHIESI FARMACEUTICI S.P.A.,
[85] 2014-05-15
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[72] CUPPETELLI, WALTER JAMES, US
[73] CUPPETELLI, WALTER JAMES,
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[54] **SEALING SYSTEMS AND METHODS EMPLOYING A SWITCHABLE DRAPE**
[54] **SYSTEMES ET PROCEDES D'ETANCHEITE UTILISANT UN DRAPE COMMUTABLE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] LUCKEMEYER, JAMES, US
[73] KCI LICENSING, INC.,
[85] 2014-05-22
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[54] **CUTTING AND SPLICING APPARATUS FOR CONVEYOR BELTS AND METHOD**
[54] **APPAREIL DE COUPE ET D'EPISSURE POUR COURROIES DE TRANSPORTEUR ET SON PROCEDE**
[72] ZIEGER, ANDREW J., US
[73] FLEXIBLE STEEL LACING COMPANY,
[85] 2014-05-22
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[54] **METHOD FOR MEASURING ELASTIC PROPERTIES USING ULTRASOUND**
[54] **METHODE DE MESURE DE PROPRIETES ELASTIQUES PAR ULTRASONS**
[72] CHATELLIER, JEAN-YVES
FRANCOIS ROGER, FR
[73] SNECMA,
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[54] **COMPOSITE FILLER PARTICLES AND PROCESS FOR THE PREPARATION THEREOF**
[54] **PARTICULES DE MATIERE DE CHARGE COMPOSITES ET PROCEDE POUR LEUR PREPARATION**
[72] STELZIG, SIMON, DE
[72] KEMPTER, JORG, DE
[72] NOERPEL, STEPHANIE, DE
[72] KLEE, JOACHIM E., DE
[72] FACHER, ANDREAS, CH
[72] WALZ, UWE, DE
[72] WEBER, CHRISTOPH, DE
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[54] **CYCLE DE RECHAUFFAGE POUR UN VEHICULE DE MANIPULATION DE MATERIAUX**
[72] DAMMEYER, KARL L., US
[72] THOBE, NICHOLAS D., US
[72] OBRINGER, DAVID J., US
[72] STEINBRUNNER, COLE T., US
[72] MCCLAIN, MARC A., US
[72] IHLE, DARRIN R., US
[73] CROWN EQUIPMENT CORPORATION,
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[54] **JOINT FILETE A FAIBLE COUPLE DE VISSAGE**
[72] DAVID, DIDIER, FR
[72] CARROIS, FABIEN, FR
[73] VALLOUREC OIL AND GAS FRANCE,
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[25] EN
[54] **SYSTEM AND METHOD FOR SHARING ELECTRONIC NEWS ITEMS**
[54] **SYSTEME ET PROCEDE DE PARTAGE D'ARTICLES DE PRESSE ELECTRONIQUES**
[72] MAYYA, NIRANJAN, CA
[72] STEELE, JAY DAVID, CA
[72] LACEY, JON-DAVID KENNETH, CA
[72] HANTZAKOS, PETER, CA
[73] BLACKBERRY LIMITED,
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[54] **INSTRUMENT ENDOSCOPIQUE POUVANT ETRE INTRODUIT POUR UN RETRAIT DE TISSU**
[72] FURLONG, COSME, US
[72] MARCOUX, MICHAEL W., US
[73] INTERSCOPE, INC.,
[85] 2014-05-30
[86] 2012-12-03 (PCT/US2012/067614)
[87] (WO2013/082602)
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[54] **PROCESSUS D'ASSEMBLAGE D'UNE TOUR TELESCOPIQUE**
[72] FERNANDEZ GOMEZ, MIGUEL ANGEL, ES
[72] JIMENO CHUECA, JOSE EMILIO, ES
[73] SEA WIND TOWERS, S.L.,
[73] ESTEYCO S.A.P.,
[85] 2014-06-02
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[54] **CARBONATE DE SODIUM ANHYDRE FAIBLEMENT POREUX**
[72] KLATYK, JENS, DE
[72] WEDEL, THORSTEN, DE
[72] MODDELMOG, GUENTER, DE
[72] PETH, HANS-KURT, DE
[73] MERCK PATENT GMBH,
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[30] EP (11009721.9) 2011-12-09

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[25] EN
[54] **SYSTEM, CONTROLLER, AND METHOD FOR DETERMINING CONDUCTANCE OF AN OBJECT**
[54] **SYSTEME, ORGANE DE COMMANDE ET PROCEDE PERMETTANT DE DETERMINER LA CONDUCTANCE D'UN OBJET**
[72] FELDKAMP, JOSEPH R., US
[73] KIMBERLY-CLARK WORLDWIDE, INC.,
[85] 2014-06-06
[86] 2012-11-02 (PCT/IB2012/056128)
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[30] US (61/568,224) 2011-12-08

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[25] EN
[54] **AN INTELLIGENT BALLISTIC TARGET**
[54] **CIBLE BALISTIQUE INTELLIGENTE**
[72] GRAHAM, SAM D., US
[72] STAYLOR, SCOTT, US
[73] GRAHAM, SAM D.,
[73] STAYLOR, SCOTT,
[85] 2014-06-06
[86] 2012-12-07 (PCT/US2012/068446)
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[30] US (61/568,257) 2011-12-08

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[51] **Int.Cl. B29C 70/24 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **COMPOSITE BLADE MADE BY ADDITIVE MANUFACTURING**
[54] **PALE COMPOSITE PRODUITE PAR FABRICATION ADDITIVE**
[72] PEREZ, RAFAEL, BE
[73] SAFRAN AERO BOOSTERS SA,
[86] (2858653)
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[22] 2014-08-07
[30] EP (13181971.6) 2013-08-28

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[25] EN
[54] **2-OXO-1,3-DIOXOLANE-4-CARBOXAMIDES, THEIR PREPARATION AND USE**
[54] **2-OXO-1,3-DIOXOLANE-4-CARBOXAMIDES, LEUR PREPARATION ET LEUR UTILISATION**
[72] WOELFLE, HEIMO, DE
[72] WALTHER, BURKHARD, DE
[72] KOHLER, MAXIMILIAN, DE
[72] PUTZIEN, SOPHIE, DE
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH,
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[25] EN
[54] **GRINDING PROCESS AND UNIT, AND CORRESPONDING PRODUCTION PROCESS OF A HYDRAULIC BINDER**
[54] **PROCESSUS ET UNITE DE BROYAGE, ET PROCESSUS CORRESPONDANT DE PRODUCTION D'UN LIANT HYDRAULIQUE**
[72] DUMONT, DIDIER, FR
[73] HOLCIM TECHNOLOGY LTD.,
[85] 2014-06-16
[86] 2012-11-30 (PCT/EP2012/074029)
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[25] FR
[54] **PIPERAZINYL DERIVATIVES FOR THE TREATMENT OF CANCER**
[54] **DERIVES PIPERAZINYLES POUR LE TRAITEMENT DE CANCERS**
[72] CARNIATO, DENIS, FR
[72] BRIAND, JEAN-FRANCOIS, FR
[72] GUTMANN, MATHIEU, FR
[72] BUSNEL, OLIVIER, FR
[72] BOUGERET, CECILE, FR
[72] DEPREZ, BENOIT, FR
[72] JAILLARDON, KARINE, FR
[73] PITTY, MARC-HENRY,
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[54] **METHOD OF TERMINATING A STRANDED SYNTHETIC FILAMENT CABLE**
[54] **PROCEDE DE TERMINAISON D'UN CABLE TORONNE DE FILAMENTS SYNTHETIQUES**
[72] CAMPBELL, RICHARD, US
[72] HILBIG, DAVID, US
[72] SEDILES, DAVID, US
[72] WORTHAM, KRISTOPHER, US
[73] BRIGHT TECHNOLOGIES, LLC,
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[25] EN
[54] **COMPOSITE MATERIALS COMPRISING CONDUCTIVE NANO-FILLERS**
[54] **MATERIAUX COMPOSITES COMPRENANT DES NANO-CHARGES CONDUCTRICES**
[72] RESTUCCIA, CARMELO LUCA, GB
[72] LENZI, FIORENZO, IT
[72] FRULLONI, EMILIANO, GB
[72] JORDAN, NATALIE DENISE, GB
[72] HARRIMAN, MARK EDWARD, GB
[73] CYTEC TECHNOLOGY CORP.,
[85] 2014-06-20
[86] 2012-12-19 (PCT/US2012/070472)
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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/6809 (2018.01)**
[25] EN
[54] **METHOD FOR THE QUANTIFICATION, QUALITATIVE GENETIC CHARACTERIZATION AND GENE EXPRESSION CHARACTERIZATION OF PREDETERMINED CELLS**
[54] **PROCEDE POUR LA QUANTIFICATION, LA CARACTERISATION GENETIQUE QUALITATIVE ET LA CARACTERISATION DE L'EXPRESSION GENIQUE DE CELLULES PREDETERMINEES**
[72] HAUCH, SIEGFRIED, DE
[73] ADNAGEN GMBH,
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[86] 2013-01-08 (PCT/EP2013/050181)
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[25] FR
[54] **SYSTEM FOR ACQUIRING A VIBRATORY SIGNAL OF A ROTARY MOTOR**
[54] **SYSTEME D'ACQUISITION D'UN SIGNAL VIBRATOIRE D'UN MOTEUR ROTATIF**
[72] NICQ, GEOFFROY, FR
[73] SNECMA,
[85] 2014-07-04
[86] 2013-01-14 (PCT/FR2013/050083)
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[25] EN
[54] **MULTI-SPEED AUTOMATIC TRANSMISSION WITH FAST REVERSE**
[54] **TRANSMISSION AUTOMATIQUE A PLUSIEURS VITESSES ET A MARCHE ARRIERE RAPIDE**
[72] ETCHASON, EDMOND M., US
[73] ALLISON TRANSMISSION, INC.,
[85] 2014-07-14
[86] 2013-02-25 (PCT/US2013/027563)
[87] (WO2013/130376)
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[54] **BEVERAGE PACKAGE WITH AERATOR**
[54] **CONDITIONNEMENT POUR BOISSONS AVEC AERATEUR**
[72] SMITH, ROGER P., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC.,
[85] 2014-07-14
[86] 2013-03-19 (PCT/US2013/032959)
[87] (WO2013/180825)
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[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSMITTING AND RECEIVING DISCOVERY AND PAGING MESSAGES**
[54] **SYSTEMES ET PROCEDES D'EMISSION ET DE RECEPTION DE MESSAGES DE DECOUVERTE ET DE RECHERCHE**
[72] SAMPATH, HEMANTH, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] MERLIN, SIMONE, US
[72] TAVILDAR, SAURABH, US
[72] LI, JUNYI, US
[72] KHUDE, NILESH N., US
[73] QUALCOMM INCORPORATED,
[85] 2014-06-04
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[30] US (61/570,704) 2011-12-14
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[25] EN
[54] **A FLUSH TYPE TOILET BOWL AND DEVELOPED PORTABLE TOILET THEREOF**
[54] **CUVETTE DE TOILETTE DE TYPE A CHASSE D'EAU ET TOILETTE PORTATIVE DEVELOPPEE A PARTIR DE CELLE-CI**
[72] DING, LIMIN, CN
[72] DING, JINNING, CN
[72] WANG, JINGHE, CN
[72] BAI, GUIFEN, CN
[73] QINGDAO CHUANGHUI INDUSTRY CO., LTD.,
[85] 2014-06-20
[86] 2013-03-25 (PCT/CN2013/073153)
[87] (WO2014/146307)
[30] CN (2013100881777) 2013-03-19

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[51] **Int.Cl. B32B 27/06 (2006.01) B32B 3/04 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **LARGE FORMAT POLYSTYRENE PANEL**
[54] **PANNEAU DE POLYSTYRENE GRAND FORMAT**
[72] STILLWELL, NICHOLAS, GB
[73] UPCYCLE HOLDINGS LIMITED,
[85] 2014-07-17
[86] 2013-01-22 (PCT/GB2013/050134)
[87] (WO2013/110930)
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[51] **Int.Cl. F16C 32/04 (2006.01) H02K 7/09 (2006.01)**
[25] EN
[54] **ELECTRICAL MACHINE**
[54] **MACHINE ELECTRIQUE**
[72] DE LEPINE, XAVIER, FR
[73] GE ENERGY POWER CONVERSION TECHNOLOGY LTD.,
[85] 2014-07-18
[86] 2013-01-22 (PCT/EP2013/051144)
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING DRILLSTRING OSCILLATIONS**
[54] **PROCEDE DE REDUCTION D'OSCILLATIONS DE TRAIN DE TIGES DE FORAGE**
[72] KYLLINGSTAD, AGE, NO
[73] NATIONAL OILWELL VARCO NORWAY AS,
[85] 2014-07-18
[86] 2013-01-17 (PCT/NO2013/050014)
[87] (WO2013/112056)
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[51] **Int.Cl. A63B 60/46 (2015.01) A63B 60/00 (2015.01) A63B 71/06 (2006.01)**
[25] EN
[54] **ENCLOSURE AND MOUNT FOR MOTION CAPTURE ELEMENT**
[54] **ENCEINTE ET MONTURE POUR ELEMENT DE CAPTURE DE MOUVEMENT**
[72] BENTLEY, MICHAEL, US
[72] KAPS, RYAN, US
[72] BOSE, BHASKAR, US
[73] BLAST MOTION INC.,
[85] 2014-06-27
[86] 2012-11-29 (PCT/US2012/066915)
[87] (WO2013/082201)
[30] US (13/306,869) 2011-11-29

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 6/00 (2006.01) A61B 6/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR IMAGE-BASED ROBOTIC SURGERY**
[54] **SYSTEME POUR UNE CHIRURGIE ROBOTIQUE A BASE D'IMAGES**
[72] JENSEN, VERNON, US
[73] MAKO SURGICAL CORP.,
[85] 2014-06-27
[86] 2012-12-27 (PCT/US2012/071792)
[87] (WO2013/101917)
[30] US (61/582,145) 2011-12-30

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[13] C
[51] **Int.Cl. F21V 5/04 (2006.01) F21V 7/00 (2006.01) F21V 13/04 (2006.01)**
[25] EN
[54] **OPTICAL SYSTEM AND LIGHTING DEVICE COMPRISED THEREOF**
[54] **SYSTEME OPTIQUE ET DISPOSITIF D'ECLAIRAGE COMPOSE DE CELUI-CI**
[72] YODER, BENJAMIN LEE, US
[72] KAMINSKI, MARK EDWARD, US
[73] GE LIGHTING SOLUTIONS, LLC,
[85] 2014-07-24
[86] 2013-01-30 (PCT/US2013/023853)
[87] (WO2013/116343)
[30] US (13/365,949) 2012-02-03

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[13] C
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **BEVERAGE FORMING DEVICE AND METHOD WITH MOVING BEVERAGE CARTRIDGE HOLDER**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION DE BOISSON AYANT UN SUPPORT MOBILE DE CARTOUCHE DE BOISSON**
[72] SMITH, GEOFFREY Y., US
[72] SHEPARD, JAMES E., US
[72] TINKLER, IAN, US
[73] KEURIG GREEN MOUNTAIN, INC.,
[85] 2014-07-25
[86] 2013-02-04 (PCT/US2013/024597)
[87] (WO2013/119495)
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[51] **Int.Cl. A47J 31/32 (2006.01) A47J 31/36 (2006.01)**
[25] EN
[54] **LIQUID DELIVERY TANK WITH EXPANSION CHAMBER**
[54] **RESERVOIR DE DISTRIBUTION DE LIQUIDE COMPRENANT UNE CHAMBRE D'EXPANSION**
[72] COMINELLI, TOM, US
[72] SHEPARD, JAMES E., US
[72] VITELLA, THOMAS, US
[73] KEURIG GREEN MOUNTAIN, INC.,
[85] 2014-07-25
[86] 2013-02-04 (PCT/US2013/024590)
[87] (WO2013/119493)
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[25] EN
[54] **BEVERAGE FORMING DEVICE AND METHOD WITH ACTIVATION BUTTON**
[54] **DISPOSITIF D'ELABORATION DE BOISSON AVEC BOUTON D'ACTIVATION ET PROCEDE POUR CELA**
[72] TINKLER, IAN, US
[72] SHEPARD, JAMES E., US
[73] KEURIG GREEN MOUNTAIN, INC.,
[85] 2014-07-28
[86] 2013-02-05 (PCT/US2013/024734)
[87] (WO2013/119543)
[30] US (61/597,017) 2012-02-09

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[25] EN
[54] **A TABLET COMPRISING .ALPHA.,.ALPHA.,.ALPHA.-TRIFLUOROTHYMIDINE AND 5-CHLORO-6-(2-IMINOPYRROLIDINE-1-YL)METHYL-2,4(1H,3H)-PYRIMIDINE DIONE HYDROCHLORIDE**
[54] **COMPRIME COMPRENANT DE L'.ALPHA.,.ALPHA.,.ALPHA.-TRIFLUOROTHYMIDINE ET DU CHLORHYDRATE DE 5-CHLORO-6-(2-IMINOPYRROLIDINE-1-YL)METHYL-2,4(1H,3H)-PYRIMIDINE DIONE**
[72] OHNISHI, YOSHITO, JP
[72] OGATA, TETSUO, JP
[73] TAIHO PHARMACEUTICAL CO., LTD.,
[85] 2014-07-28
[86] 2013-02-14 (PCT/JP2013/053514)
[87] (WO2013/122135)
[30] JP (2012-031144) 2012-02-15

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[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **BEVERAGE FORMING DEVICE AND METHOD WITH CARTRIDGE RETAINER**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION DE BOISSON AYANT UN DISPOSITIF DE RETENUE DE CARTOUCHE**
[72] SMITH, GEOFFREY Y., US
[72] CHAN, THOMAS, CN
[72] CHOI, KEITH, CN
[72] LI, BENJAMIN, CN
[73] KEURIG GREEN MOUNTAIN, INC.,
[85] 2014-07-28
[86] 2013-02-05 (PCT/US2013/024718)
[87] (WO2013/119534)
[30] US (61/597,006) 2012-02-09

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/60 (2006.01) C09K 8/68 (2006.01)**
[25] FR
[54] **NOVEL AGENT FOR INHIBITING THE SWELLING OF CLAYS, COMPOSITIONS COMPRISING SAID AGENT AND METHODS IMPLEMENTING SAID AGENT**
[54] **NOUVEL AGENT INHIBITEUR DE GONFLEMENT DES ARGILES, COMPOSITIONS COMPRENANT LEDIT AGENT ET PROCEDES METTANT EN OEUVRE LEDIT AGENT**
[72] BADEL, THIERRY, FR
[72] CADIX, ARNAUD, FR
[73] RHODIA OPERATIONS,
[85] 2014-07-28
[86] 2013-02-12 (PCT/EP2013/052775)
[87] (WO2013/120844)
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[25] EN
[54] **INHALATION DEVICE FOR POWDERED DRUGS**
[54] **INHALATEUR POUR MEDICAMENTS EN POUDRE**
[72] HERDER, MARTIN, DE
[72] LUDANEK, GERHARD, DE
[72] METT, INGO, DE
[72] SCHMIDT, JOACHIM, DE
[73] ASTRAZENECA AB,
[85] 2014-07-09
[86] 2013-01-17 (PCT/EP2013/000126)
[87] (WO2013/107640)
[30] EP (12000353.8) 2012-01-20
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[25] EN
[54] **PROCESS FOR PREPARING 4-AMINO-5-BIPHENYL-4-YL-2-HYDROXYMETHYL-2-METHYL-PENTANOIC ACID COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES DE L'ACIDE 4-AMINO-5-BIPHENYL-4-YL-2-HYDROXYMETHYL-2-METHYLPENTANOIQUE**
[72] RAPTA, MIROSLAV, US
[73] THERAVANCE BIOPHARMA R&D IP, LLC,
[85] 2014-07-29
[86] 2013-02-14 (PCT/US2013/026182)
[87] (WO2013/123222)
[30] US (61/599,020) 2012-02-15

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[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **BEVERAGE FORMING DEVICE AND METHOD WITH MULTI-PART BEVERAGE CARTRIDGE HOLDER**
[54] **DISPOSITIF ET PROCEDE D'ELABORATION DE BOISSON AVEC PORTE-CARTOUCHE DE BOISSON EN PLUSIEURS PARTIES**
[72] SULLIVAN, KEVIN P., US
[72] TINKLER, IAN, US
[72] SHEPARD, JAMES E., US
[73] KEURIG GREEN MOUNTAIN, INC.,
[85] 2014-07-28
[86] 2013-02-04 (PCT/US2013/024604)
[87] (WO2013/119497)
[30] US (61/597,002) 2012-02-09

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[13] C
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[25] EN
[54] **COMPACT FISCHER TROPSCH SYSTEM WITH INTEGRATED PRIMARY AND SECONDARY BED TEMPERATURE CONTROL**
[54] **SYSTEME DE FISCHER TROPSCH COMPACT AVEC COMMANDE INTEGREE DE TEMPERATURE DE LITS PRIMAIRE ET SECONDAIRE**
[72] HARTVIGSEN, JOSEPH, US
[72] ELANGOVAN, S., US
[72] FROST, LYMAN, US
[73] COORSTEK, INC.,
[85] 2014-08-13
[86] 2013-02-19 (PCT/US2013/026721)
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[25] EN
[54] **IMPLEMENT CARRIER AND IMPLEMENTS**
[54] **SUPPORT D'OUTIL ET OUTILS**
[72] BREUER, JIM M., US
[72] ZENT, KEVIN J., US
[73] CLARK EQUIPMENT COMPANY,
[85] 2014-08-13
[86] 2013-02-22 (PCT/US2013/027467)
[87] (WO2013/126801)
[30] US (61/601,928) 2012-02-22
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[13] C
[51] **Int.Cl. E05B 19/20 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND TRANSDUCER FOR USE IN DETERMINING THE CUT OF A MECHANICAL LOCK**
[54] **PROCEDE, APPAREIL ET TRANSDUCTEUR A UTILISER DANS LA DETERMINATION DE L'ENCOCHE D'UNE SERRURE MECANIQUE**
[72] NEDWELL, JEREMY, GB
[73] ASCENDANT RESEARCH SERVICES LTD,
[85] 2014-08-20
[86] 2013-02-15 (PCT/GB2013/050358)
[87] (WO2013/124628)
[30] GB (1202818.9) 2012-02-20

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[51] **Int.Cl. B65D 83/62 (2006.01) B65D 83/32 (2006.01) B65D 83/42 (2006.01) B65D 83/48 (2006.01) B65D 83/38 (2006.01)**
[25] FR
[54] **RING FOR ATTACHING A VESSEL IN A BOTTLE**
[54] **BAGUE POUR FIXER UNE POCHE DANS UN FLACON**
[72] BODET, HERVE, FR
[72] PELTIER, JEROME, FR
[73] LINDAL FRANCE SAS,
[85] 2014-08-27
[86] 2013-03-04 (PCT/EP2013/054255)
[87] (WO2013/131846)
[30] FR (1251971) 2012-03-05

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[51] **Int.Cl. C07C 17/386 (2006.01) C07C 21/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE REMOVAL OF CONTAMINANT FROM A HYDROCHLOROFLUOROOLEFIN BY EXTRACTIVE DISTILLATION**
[54] **PROCESSUS D'ELIMINATION D'UN CONTAMINANT PRESENT DANS UNE HYDROCHLOROFLUOROOLEFIN E PAR DISTILLATION EXTRACTIVE**
[72] WISMER, JOHN A., US
[73] ARKEMA INC.,
[85] 2014-09-02
[86] 2013-02-22 (PCT/US2013/027205)
[87] (WO2013/130342)
[30] US (61/605,883) 2012-03-02

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[25] EN
[54] **4 -HYDROXY-ISOQUINOLINE COMPOUNDS AS HIF HYDROXYLASE INHIBITORS**
[54] **COMPOSES 4 -HYDROXY-ISOQUINOLINE COMME INHIBITEURS D'HIF HYDROXYLASE**
[72] HO, WEN-BIN, US
[72] ZHAO, HONGDA, US
[72] DENG, SHAOJIANG, US
[72] NG, DANNY, US
[72] WRIGHT, LEE R., US
[72] WU, MIN, US
[72] ZHOU, XIAOTI, US
[72] AREND, MICHAEL P., US
[72] FLIPPIN, LEE A., US
[73] FIBROGEN, INC.,
[85] 2014-09-05
[86] 2013-03-08 (PCT/US2013/029912)
[87] (WO2013/134660)
[30] US (61/609,022) 2012-03-09

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[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/4545 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 239/47 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 471/10 (2006.01) C07D 487/20 (2006.01)**
[25] EN
[54] **NITROGEN-CONTAINING AROMATIC HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE AROMATIQUE CONTENANT DE L'AZOTE**
[72] KAMEDA, MINORU, JP
[72] KURIWAKI, IKUMI, JP
[72] IIKUBO, KAZUHIKO, JP
[72] HISAMICHI, HIROYUKI, JP
[72] KAWAMOTO, YUICHIRO, JP
[72] MORITOMO, HIROYUKI, JP
[72] SUZUKI, TOMOYUKI, JP
[72] FUTAMI, TAKASHI, JP
[72] SUZUKI, ATSUSHI, JP
[72] TSUNOYAMA, KAZUHISA, JP
[72] ASAUMI, MAKOTO, JP
[72] TOMIYAMA, HIROSHI, JP
[72] NODA, ATSUSHI, JP
[72] IWAI, YOSHINORI, JP
[72] TOKUZAKI, KAZUO, JP
[72] OKADA, HARUKI, JP
[72] MIYASAKA, KOZO, JP
[73] ASTELLAS PHARMA INC.,
[73] KOTOBUKI PHARMACEUTICAL CO., LTD.,
[85] 2014-08-22
[86] 2013-02-26 (PCT/JP2013/054878)
[87] (WO2013/129369)
[30] JP (2012-042065) 2012-02-28

[11] **2,866,816**
[13] C
[51] **Int.Cl. B01D 53/04 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING CARBON DIOXIDE FROM A GAS STREAM**
[54] **PROCEDE POUR L'ELIMINATION DE DIOXYDE DE CARBONE D'UN COURANT DE GAZ**
[72] FILIPPI, ERMANNO, CH
[73] CASALE SA,
[85] 2014-09-09
[86] 2013-01-11 (PCT/EP2013/050453)
[87] (WO2013/135398)
[30] EP (12159286.9) 2012-03-13

[11] **2,866,936**
[13] C
[51] **Int.Cl. C11D 3/04 (2006.01) C11D 3/40 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **LAUNDRY DETERGENT PARTICLE**
[54] **PARTICULES DE DETERGENT A LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] CHAPPLE, ANDREW PAUL, GB
[72] KENINGLEY, STEPHEN THOMAS, GB
[73] UNILEVER PLC,
[85] 2014-09-10
[86] 2013-02-15 (PCT/EP2013/053125)
[87] (WO2013/149754)
[30] EP (12163029.7) 2012-04-03

[11] **2,867,278**
[13] C
[51] **Int.Cl. A01B 71/02 (2006.01)**
[25] EN
[54] **REMOTE LEVELING OF TILLAGE IMPLEMENTS USING INCLINOMETERS**
[54] **MISE A NIVEAU A DISTANCE D'INSTRUMENTS ARATOIRES AU MOYEN D'INCLINOMETRES**
[72] HENRY, JAMES W., CA
[73] CNH INDUSTRIAL CANADA, LTD.,
[86] (2867278)
[87] (2867278)
[22] 2014-10-14
[30] US (61/914,555) 2013-12-11

[11] **2,868,509**
[13] C
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 37/00 (2006.01) G01R 31/02 (2006.01) H02H 11/00 (2006.01)**
[25] EN
[54] **WELDING SYSTEMS AND METHOD OF WELDING WITH DETERMINATION OF PROPER ATTACHMENT AND POLARITY OF A WELDING ELECTRODE**
[54] **SYSTEMES DE SOUDAGE ET PROCEDE DE SOUDAGE AVEC DETERMINATION DE LA POLARITE ET LA FIXATION APPROPRIEE D'UNE ELECTRODE DE SOUDAGE**
[72] KNOENER, CRAIG STEVEN, US
[72] WOODWARD, RONALD DEWAYNE, US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2014-09-24
[86] 2013-03-25 (PCT/US2013/033663)
[87] (WO2013/148553)
[30] US (61/616,303) 2012-03-27
[30] US (13/776,229) 2013-02-25

[11] **2,869,116**
[13] C
[51] **Int.Cl. H04W 4/14 (2009.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SHORT MESSAGE SERVICE MOBILE ORIGINATED/MOBILE TERMINATED WITHOUT MOBILE STATION INTERNATIONAL SUBSCRIBER DIRECTORY NUMBER (MSISDN) IN INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM (IMS)**
[54] **SERVICE DE MESSAGES COURTS PROVENANT D'UN MOBILE/A DESTINATION D'UN MOBILE SANS NUMERO INTERNATIONAL D'ABONNE MOBILE (MSISDN) DANS UN SOUS-SYSTEME MULTIMEDIA DE PROTOCOLE INTERNET(IMS)**
[72] WONG, CURT, US
[72] MUTIKAINEN, JARI, FI
[73] NOKIA TECHNOLOGIES OY,
[85] 2014-09-30
[86] 2013-04-08 (PCT/FI2013/050380)
[87] (WO2013/153277)
[30] US (61/622,166) 2012-04-10

[11] **2,869,351**
[13] C
[51] **Int.Cl. D21C 9/10 (2006.01) D21C 9/12 (2006.01) D21C 9/14 (2006.01)**
[25] EN
[54] **A METHOD FOR BLEACHING PULP**
[54] **PROCEDE DE BLANCHIMENT DE PATE A PAPIER**
[72] VUORINEN, TAPANI, FI
[72] JAASKELAINEN, ANNA-STIINA, FI
[72] LINDBERG, ANDREAS, FI
[73] KEMIRA OYJ,
[73] ANDRITZ OY,
[73] UPM-KYMMENE CORPORATION,
[73] STORA ENSO OYJ,
[73] METSA FIBRE OY,
[85] 2014-10-02
[86] 2013-04-03 (PCT/FI2013/050360)
[87] (WO2013/150184)
[30] FI (20125378) 2012-04-03

[11] **2,869,551**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING A CUSTOMIZED NETWORK**
[54] **PROCEDES ET SYSTEMES DE FOURNITURE D'UN RESEAU PERSONNALISE**
[72] HING, EILEEN CHU, US
[73] HING, EILEEN CHU,
[85] 2014-10-03
[86] 2012-08-07 (PCT/US2012/049877)
[87] (WO2013/151574)
[30] US (13/440,924) 2012-04-05

[11] **2,869,701**
[13] C
[51] **Int.Cl. C07C 2/08 (2006.01)**
[25] EN
[54] **A PROCESS FOR OLIGOMERISING A HYDROCARBON TO FORM AT LEAST ONE CO-MONOMER PRODUCT**
[54] **PROCEDE POUR L'OLIGOMERISATION D'UN HYDROCARBURE POUR FORMER AU MOINS UN PRODUIT COMONOMERE**
[72] VENTER, DENISE LOUISETTE, ZA
[72] TENZA, KENNY, ZA
[72] NONGODLWANA, PALESA, ZA
[72] OVERETT, MATTHEW JAMES, ZA
[72] BLANN, KEVIN, ZA
[72] STARK, NICOLAUS LADISLAUS, ZA
[72] MCGREGOR, CRAIG, ZA
[72] WALSH, RICHARD NEIL, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED,
[85] 2014-10-06
[86] 2013-05-08 (PCT/IB2013/053687)
[87] (WO2013/168099)
[30] ZA (2012/03387) 2012-05-09

[11] **2,869,720**
[13] C
[51] **Int.Cl. F16K 27/08 (2006.01) F16K 31/126 (2006.01)**
[25] EN
[54] **GUIDE MEMBER FOR USE IN A VALVE ACTUATOR ASSEMBLY**
[54] **ELEMENT DE GUIDAGE DESTINE A UN ENSEMBLE ACTIONNEUR DE SOUPAPE**
[72] ALMAN, PAUL T., US
[72] LU, HANBING, CN
[73] FISHER CONTROLS INTERNATIONAL LLC,
[85] 2014-10-06
[86] 2012-07-11 (PCT/US2012/046273)
[87] (WO2013/158137)
[30] CN (201210124604.8) 2012-04-20

[11] **2,869,935**
[13] C
[51] **Int.Cl. E02F 9/22 (2006.01)**
[25] EN
[54] **LIFT ARM SUSPENSION SYSTEM FOR A POWER MACHINE**
[54] **SYSTEME DE SUSPENSION DE BRAS DE LEVAGE POUR ENGIN DE CHANTIER**
[72] BILLAUD, GAETAN, FR
[72] GALES, NICOLAS, FR
[72] GICQUEL, LAURENT, FR
[72] LE BEUZE, NATHALIE, FR
[72] SIEGWALD, GILLES, FR
[72] OLHEISER, ALLEN C., US
[73] CLARK EQUIPMENT COMPANY,
[85] 2014-10-07
[86] 2013-04-10 (PCT/US2013/035968)
[87] (WO2013/155178)
[30] US (61/622,743) 2012-04-11

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[11] **2,870,667**
[13] C
[51] **Int.Cl. B23K 9/10 (2006.01)**
[25] EN
[54] **WELDING SYSTEM INRUSH CURRENT CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DU COURANT D'APPEL DANS UN SYSTEME DE SOUDAGE**
[72] SALSICH, ANTHONY VAN BERGEN, US
[72] BEISTLE, EDWARD GERARD, US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2014-10-15
[86] 2013-06-06 (PCT/US2013/044602)
[87] (WO2013/184967)
[30] US (61/657,536) 2012-06-08
[30] US (13/835,106) 2013-03-15

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[13] C
[51] **Int.Cl. C25B 1/26 (2006.01) C25B 1/00 (2006.01) C25B 1/04 (2006.01) C25B 7/00 (2006.01) C25B 9/06 (2006.01)**
[25] EN
[54] **ELECTROLYTIC CELL EQUIPPED WITH CONCENTRIC ELECTRODE PAIRS**
[54] **CELLULE ELECTROLYTIQUE EQUIPEE DE PAIRES D'ELECTRODES CONCENTRIQUES**
[72] BENEDETTO, MARIACHIARA, IT
[73] INDUSTRIE DE NORA S.P.A.,
[85] 2014-10-17
[86] 2013-05-16 (PCT/EP2013/060179)
[87] (WO2013/189670)
[30] IT (MI2012A001048) 2012-06-18

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[13] C
[51] **Int.Cl. B22F 3/105 (2006.01) B23K 26/34 (2014.01)**
[25] FR
[54] **METHOD FOR HARD-SURFACING METAL PARTS FOR AIRCRAFT TURBOFANS, AND LOCAL PROTECTION TOOL FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE RECHARGEMENT DE PIECES METALLIQUES POUR TURBOREACTEURS D'AERONEFS, ET OUTILLAGE DE PROTECTION LOCALE POUR LA MISE EN OEUVRE DU PROCEDE**
[72] MOTTIN, JEAN-BAPTISTE, FR
[73] SNECMA,
[85] 2014-11-06
[86] 2013-05-07 (PCT/FR2013/051016)
[87] (WO2013/167841)
[30] FR (1254191) 2012-05-09

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[11] **2,874,529**
[13] C
[51] **Int.Cl. B60C 7/00 (2006.01) B60B 9/00 (2006.01)**
[25] EN
[54] **AN AIRLESS TYRE FOR VEHICLES**
[54] **PNEU SANS AIR POUR VEHICULES**
[72] LABUSCHAGNE, PIETER JOHANNES, ZA
[73] PROSPECT SA INVESTMENTS 121 LIMITED,
[85] 2014-11-24
[86] 2012-05-24 (PCT/IB2012/052599)
[87] (WO2012/160534)

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[51] **Int.Cl. B23K 26/08 (2014.01) B23K 26/12 (2014.01) B23K 26/34 (2014.01) B23P 6/00 (2006.01) F01D 5/00 (2006.01)**
[25] FR
[54] **PROCESS FOR COMPLETE CLADDING OF METAL PARTS OF AIRCRAFT TURBOJETS, AND COMPLETE PROTECTION TOOL FOR IMPLEMENTING THE PROCESS**
[54] **PROCEDE DE RECHARGEMENT GLOBAL DE PIECE METALLIQUE POUR TURBOREACTEURS D'AERONEFS, ET OUTILLAGE DE PROTECTION GLOBALE POUR LA MISE EN OEUVRE DU PROCEDE**
[72] MOTTIN, JEAN-BAPTISTE, FR
[73] SNECMA,
[85] 2014-12-04
[86] 2013-05-23 (PCT/FR2013/051118)
[87] (WO2013/182773)
[30] FR (FR1255288) 2012-06-06

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[13] C
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ESTIMATING AND ATTENUATING NOISE IN SEISMIC DATA**
[54] **SYSTEME ET PROCEDE D'ESTIMATION ET D'ATTENUATION DE BRUIT DANS DES DONNEES SISMIQUES**
[72] KUSTOWSKI, BODGAN, US
[72] HENNENFENT, GILLES, US
[72] COLE, JEFFREY, US
[73] CHEVRON U.S.A. INC.,
[85] 2014-12-05
[86] 2013-04-11 (PCT/US2013/036200)
[87] (WO2014/011280)
[30] US (13/545,467) 2012-07-10

[11] **2,876,015**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **HETEROCYCLIC ANTIMICROBIAL COMPOUNDS FOR USE IN WATER-CONTAINING SYSTEMS**
[54] **COMPOSES HETEROCYCLIQUES ANTIMICROBIENS DESTINES A ETRE UTILISES DANS DES SYSTEMES CONTENANT DE L'EAU**
[72] COBURN, CHARLES E., US
[72] PEERA, ASGHAR A., US
[72] MCGINLEY, HEATHER R., US
[72] KOEHLER, THOMAS, CH
[73] DOW GLOBAL TECHNOLOGIES LLC,
[73] ROHM AND HAAS COMPANY,
[85] 2014-12-05
[86] 2013-06-12 (PCT/US2013/045418)
[87] (WO2013/191988)
[30] US (61/661,518) 2012-06-19

[11] **2,876,058**
[13] C
[51] **Int.Cl. B61B 12/06 (2006.01)**
[25] FR
[54] **MECHANICAL CHAIRLIFT SEAT AND INSTALLATION EQUIPPED WITH THIS SEAT**
[54] **SIEGE DE REMONTEE MECANIQUE ET INSTALLATION EQUIPEE DE CE SIEGE**
[72] CHEDAL BORNU, YVES, FR
[73] SOMMITAL,
[85] 2014-12-08
[86] 2013-06-13 (PCT/FR2013/051381)
[87] (WO2013/190220)
[30] FR (12/55787) 2012-06-20

[11] **2,876,405**
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS, REAGENTS AND KITS FOR DETECTING MINIMAL RESIDUAL DISEASE**
[54] **PROCEDES, REACTIFS ET KITS DE DETECTION DE MALADIE RESIDUELLE MINIMALE**
[72] VAN DONGEN, JACOBUS JOHANNES MARIA, NL
[72] ORFAO DE MATOS CORREIA E VALE, JOSE ALBERTO, ES
[72] FLORES MONTERO, JUAN ALEJANDRO, ES
[72] ALMEIDA PARRA, JULIA MARIA, ES
[72] VAN DER VELDEN, VINCENT HENRICUS JOHANNES, NL
[72] BOTTCHER, SEBASTIAN, DE
[72] LANGERAK, ANTHONIE WILLEM, NL
[72] MEJSTRIKOVA, ESTER, CZ
[72] SZCZEPANSKI, TOMASZ, PL
[72] RITGEN, MATTHIAS, DE
[72] MONTEIRO DA SILVA LUCIO, PAULO JORGE, PT
[73] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM,
[85] 2014-12-11
[86] 2013-06-14 (PCT/NL2013/050420)
[87] (WO2013/187765)
[30] US (61/659,524) 2012-06-14

[11] **2,876,510**
[13] C
[51] **Int.Cl. A61B 17/326 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **DISPOSABLE APPARATUS FOR FITLY CIRCUMCISING A PENIS**
[54] **DISPOSITIF D'ANASTOMOSE JETABLE POUR LA CIRCONCISION**
[72] SHANG, JIANZHONG, CN
[72] SHANG, JINGJING, CN
[73] SHANG, JIANZHONG,
[85] 2014-12-12
[86] 2012-10-26 (PCT/CN2012/001438)
[87] (WO2013/173954)
[30] CN (201210169127.7) 2012-05-28

[11] **2,877,190**
[13] C
[51] **Int.Cl. A61K 9/16 (2006.01)**
[25] EN
[54] **MEDICAMENT FORM FOR RELEASE OF ACTIVE INGREDIENTS**
[54] **FORME GALENIQUE POUR LA LIBERATION DE PRINCIPES ACTIFS**
[72] FRANCAS, GERNOT, DE
[72] PRZYKLENK, KARL-HEINZ, DE
[73] HENNIG ARZNEIMITTEL GMBH & CO. KG,
[85] 2014-12-18
[86] 2013-06-24 (PCT/EP2013/063162)
[87] (WO2014/001267)
[30] DE (10 2012 105 528.9) 2012-06-25

[11] **2,877,329**
[13] C
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 31/26 (2006.01) A61K 36/31 (2006.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING SULFORAPHANE OR A SULFORAPHANE PRECURSOR AND MAGNESIUM**
[54] **COMPOSITIONS COMPRENANT DU SULFORAPHANE OU UN PRECURSEUR DE SULFORAPHANE ET DU MAGNESIUM**
[72] CORNBLATT, BRIAN, US
[72] CORNBLATT, GRACE, US
[72] BZHELYANSKY, ANTON, US
[72] HENDERSON, ROBERT W., US
[72] KETTENACKER, RONALD W., US
[73] NUTRAMAX LABORATORIES, INC.,
[85] 2014-12-18
[86] 2013-07-03 (PCT/US2013/049224)
[87] (WO2014/008341)
[30] US (61/668,328) 2012-07-05
[30] US (61/668,342) 2012-07-05
[30] US (61/668,364) 2012-07-05
[30] US (61/668,374) 2012-07-05
[30] US (61/668,386) 2012-07-05
[30] US (61/668,396) 2012-07-05
[30] US (61/794,417) 2013-03-15

[11] **2,877,393**
[13] C
[51] **Int.Cl. A61K 47/42 (2017.01) A61K 31/26 (2006.01) A61K 31/575 (2006.01) A61K 36/31 (2006.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING SULFORAPHANE OR A SULFORAPHANE PRECURSOR AND URSOLIC ACID**
[54] **COMPOSITIONS COMPRENANT DU SULFORAPHANE OU UN PRECURSEUR DE SULFOPHARANE ET DE L'ACIDE URSOLIQUE**
[72] CORNBLATT, BRIAN, US
[72] CORNBLATT, GRACE, US
[72] BZHELYANSKY, ANTON, US
[72] HENDERSON, ROBERT W., US
[73] NUTRAMAX LABORATORIES, INC.,
[85] 2014-12-18
[86] 2013-07-03 (PCT/US2013/049267)
[87] (WO2014/008366)
[30] US (61/668,328) 2012-07-05
[30] US (61/668,342) 2012-07-05
[30] US (61/668,364) 2012-07-05
[30] US (61/668,374) 2012-07-05
[30] US (61/668,386) 2012-07-05
[30] US (61/668,396) 2012-07-05
[30] US (61/794,417) 2013-03-15

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[13] C
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARING A BEVERAGE**
[54] **SYSTEME ET PROCEDE POUR PREPARER UNE BOISSON**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[73] EUGSTER / FRISMAG AG,
[85] 2014-12-24
[86] 2013-06-28 (PCT/EP2013/063656)
[87] (WO2014/001516)
[30] DE (10 2012 105 787.7) 2012-06-29

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[13] C
[51] **Int.Cl. C23C 10/08 (2006.01)**
[25] FR
[54] **METHOD AND TOOL FOR THE VAPOUR PHASE DEPOSITION OF A METAL COATING ONTO PARTS MADE OF SUPERALLOYS**
[54] **PROCEDE ET OUTILLAGE POUR LE DEPOT D'UN REVETEMENT METALLIQUE EN PHASE VAPEUR SUR DES PIECES EN SUPER ALLIAGES**
[72] RODRIGUEZ ELIZONDO, GABRIELA, FR
[72] VITRAC, STEPHANE, MX
[73] SNECMA,
[85] 2014-12-29
[86] 2013-07-01 (PCT/FR2013/051546)
[87] (WO2014/006317)
[30] FR (1256376) 2012-07-03

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[13] C
[51] **Int.Cl. C10G 35/24 (2006.01)**
[25] EN
[54] **HYDROGEN RECYCLE AND HYDROGEN CHLORIDE RECOVERY IN AN ALKYLATION PROCESS**
[54] **RECYCLAGE D'HYDROGENE ET RECUPERATION DE CHLORURE D'HYDROGENE DANS UN PROCEDE D'ALKYLATION**
[72] TIMKEN, HYE KYUNG CHO, US
[72] CLEVERDON, ROBERT FLETCHER, US
[72] CHANG, BONG-KYU, US
[72] MOHR, DONALD HENRY, US
[72] PHILLIPS, CHRISTINE MARIE, US
[73] CHEVRON U.S.A. INC.,
[85] 2015-01-02
[86] 2013-06-06 (PCT/US2013/044446)
[87] (WO2014/021988)
[30] US (13/563,385) 2012-07-31

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[11] **2,878,527**
[13] C
[51] **Int.Cl. A61M 5/30 (2006.01)**
[25] EN
[54] **DISPOSABLE INJECTOR WITH TWO-STAGE TRIGGER**
[54] **INJECTEUR JETABLE A DECLENCHEMENT EN DEUX PHASES**
[72] HADASCHIK, ROMAN, DE
[72] HEUSER, KARSTEN, DE
[72] SPILGIES, HEIKO, DE
[72] WORTMANN, UWE, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG,
[85] 2015-01-07
[86] 2013-08-29 (PCT/EP2013/067867)
[87] (WO2014/033198)
[30] EP (12182782.8) 2012-09-03

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[13] C
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **ADHESIVE DRESSING INTEGRATED PACKAGING**
[54] **EMBALLAGE INTEGRE DE PANSEMENT ADHESIF**
[72] REINHARDT, JEFFREY ANDREW, US
[72] YEH, JONATHAN, US
[72] PANIAN, TYLER DEVIN, US
[72] MANSOUR, GEORGE, US
[73] CAREFUSION 303, INC.,
[85] 2015-01-12
[86] 2013-07-31 (PCT/US2013/053055)
[87] (WO2014/025590)
[30] US (13/568,013) 2012-08-06

[11] **2,879,070**
[13] C
[51] **Int.Cl. H01H 71/04 (2006.01) H01H 71/12 (2006.01)**
[25] EN
[54] **CIRCUIT INTERRUPTER EMPLOYING NON-VOLATILE MEMORY FOR IMPROVED DIAGNOSTICS**
[54] **COUPE-CIRCUIT A MEMOIRE REMANENTE POUR DIAGNOSTICS AMELIORES**
[72] PARKER, KEVIN L., US
[72] MILLER, THEODORE J., US
[73] EATON INTELLIGENT POWER LIMITED,
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[54] **PROCEDE D'AMARRAGE DE NAVIRE ET AGENCEMENT POUR METTRE EN UVRE LE PROCEDE**
[72] ROBERTSSON, HARRY, SE
[72] HELLESMARK, SVEIN B., NO
[73] STENA REDERI AB,
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[54] **GALVANIC ANODE AND METHOD OF CORROSION PROTECTION**
[54] **ANODE GALVANIQUE ET PROCEDE DE PROTECTION CONTRE LA CORROSION**
[72] GOODWIN, FREDERICK R., US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH,
[85] 2015-01-27
[86] 2013-07-30 (PCT/EP2013/065990)
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[30] US (61/677,164) 2012-07-30
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[54] **METHODS AND SYSTEMS RELATED TO HYDROCARBON RECOVERY STRATEGY DEVELOPMENT**
[54] **PROCEDES ET SYSTEMES SE RAPPORTANT AU DEVELOPPEMENT D'UNE STRATEGIE DE RECUPERATION D'HYDROCARBURES**
[72] TEMIZEL, CENK, US
[73] LANDMARK GRAPHICS CORPORATION,
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[86] 2013-06-03 (PCT/US2013/043872)
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[25] EN
[54] **METHOD FOR PROCESSING STEEL SLAG AND HYDRAULIC MINERAL BINDER**
[54] **PROCEDE POUR TRAITER DES SCORIES D'ACIERIE AINSI QUE LIANT MINERAL HYDRAULIQUE**
[72] WULFERT, HOLGER, DE
[72] LUDWIG, HORST-MICHAEL, DE
[73] LOESCHE GMBH,
[85] 2015-01-30
[86] 2012-09-06 (PCT/EP2012/003744)
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[25] EN
[54] **ANTIBACTERIAL COMPOSITION FOR TOPICAL USE**
[54] **COMPOSITION ANTIBACTERIENNE POUR UTILISATION TOPIQUE**
[72] DE PAOLI AMBROSI, GIANFRANCO, IT
[73] GENERAL TOPICS S.R.L.,
[85] 2015-01-30
[86] 2013-07-29 (PCT/IB2013/056199)
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[54] **INTEGRATED DRESSING DEVICE**
[54] **DISPOSITIF DE PANSEMENT INTEGRE**
[72] LEIBOWITZ, REBECCA, US
[72] GENSINI, SANDRA, US
[72] ZAVATSKY, JOSEPH, US
[73] ETHICON, INC.,
[85] 2015-02-05
[86] 2013-08-02 (PCT/US2013/053410)
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[51] **Int.Cl. H04W 48/16 (2009.01) H04W 52/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FINDING SMALL CELLS**
[54] **PROCEDE ET APPAREIL POUR TROUVER DE PETITES CELLULES**
[72] GOU, WEI, CN
[72] XIA, SHUQIANG, CN
[72] DAI, BO, CN
[73] ZTE CORPORATION,
[85] 2015-02-05
[86] 2013-09-10 (PCT/CN2013/083243)
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[25] EN
[54] **NEEDLE GUARD**
[54] **GAINE D'AIGUILLE**
[72] KURACINA, THOMAS C, US
[72] KITCHEN, TIM L, ES
[73] INJECTIMED, INC.,
[85] 2015-02-06
[86] 2013-08-27 (PCT/US2013/056801)
[87] (WO2014/035970)
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[30] US (13/749,387) 2013-01-24
[30] US (13/836,988) 2013-03-15

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[25] EN
[54] **MULTI-FUNCTIONAL FOOD PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'ALIMENTS MULTIFONCTION**
[72] ROSENZWEIG, MARK, US
[73] SHARKNINJA OPERATING LLC,
[85] 2015-02-11
[86] 2012-12-12 (PCT/US2012/069233)
[87] (WO2013/090424)
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[51] **Int.Cl. B60L 5/00 (2006.01) B60L 53/12 (2019.01)**
[25] EN
[54] **CIRCUIT ARRANGEMENT AND METHOD OF OPERATING A CIRCUIT ARRANGEMENT**
[54] **AGENCEMENT DE CIRCUIT ET PROCEDE DE FONCTIONNEMENT D'UN AGENCEMENT DE CIRCUIT**
[72] SAFAEE, ALIREZA, US
[73] BOMBARDIER TRANSPORTATION GMBH,
[85] 2015-02-12
[86] 2013-09-10 (PCT/EP2013/068687)
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[51] **Int.Cl. A23G 4/08 (2006.01) A23G 4/06 (2006.01)**
[25] EN
[54] **CHEWING GUMS AND GUM BASES COMPRISING BLOCK COPOLYMERS HAVING CRYSTALLIZABLE HARD BLOCKS**
[54] **GOMMES A MACHER ET BASES DE GOMME COMPORTANT DES COPOLYMERES A BLOCS AYANT DES BLOCS DURS CRISTALLISABLES**
[72] LIU, JINGPING, US
[72] PHILLIPS, DAVID, US
[72] MORGRET, LES, US
[72] BRAS, RAFAEL E., US
[73] WM. WRIGLEY JR. COMPANY,
[85] 2015-02-10
[86] 2013-08-09 (PCT/US2013/054357)
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[30] US (61/681,998) 2012-08-10
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[25] EN
[54] **ANALYTIC MORPHOMICS: HIGH SPEED MEDICAL IMAGE AUTOMATED ANALYSIS METHOD**
[54] **MORPHOMIQUE ANALYTIQUE : METHODE D'ANALYSE AUTOMATISEE D'IMAGES MEDICALES A GRANDE VITESSE**
[72] WANG, STEWART, US
[72] HOLCOMBE, SVEN ALAN, US
[72] HUHDANPAA, HANNU, US
[72] SULLIVAN, JUNE, US
[72] KOHOYDA-INGLIS, CARLA, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN,
[85] 2015-02-25
[86] 2013-08-30 (PCT/US2013/057501)
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[30] US (61/694,944) 2012-08-30
[30] US (14/014,485) 2013-08-30

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[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL SENSORS AND A METHOD FOR THEIR MANUFACTURE**
[54] **CAPTEURS ELECTROCHIMIQUES ET PROCEDE POUR LEUR FABRICATION**
[72] SETFORD, STEVEN JOHN, GB
[72] SLOSS, SCOTT J., GB
[73] CILAG GMBH INTERNATIONAL,
[85] 2015-03-04
[86] 2012-09-07 (PCT/GB2012/052218)
[87] (WO2014/037688)

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[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **NETWORK ADDRESS AND HOSTNAME MAPPING IN POLICY SERVICE**
[54] **TRANSCRIPTION D'ADRESSES RESEAU ET DE NOMS D'HOTES DANS UN SERVICE AVEC POLITIQUE**
[72] ERB, JEREMY, CA
[73] NETSWEEPER (BARBADOS) INC.,
[85] 2015-03-16
[86] 2012-09-17 (PCT/CA2012/000823)
[87] (WO2014/040160)

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[13] C
[51] **Int.Cl. B65D 30/08 (2006.01) B65F 1/06 (2006.01)**
[25] EN
[54] **TRASH BAG WITH INNER BAG**
[54] **SAC DE DECHETS AVEC SAC INTERIEUR**
[72] FRASER, ROBERT W., US
[72] BORCHARDT, MICHAEL G., US
[72] DORSEY, ROBERT T., US
[72] BINGER, SCOTT, US
[72] BROERING, SHAUN T., US
[72] MACPHERSON, JACK A., US
[73] THE GLAD PRODUCTS COMPANY,
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[86] 2013-01-24 (PCT/US2013/022993)
[87] (WO2013/112737)
[30] US (13/357,892) 2012-01-25

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[13] C
[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/20 (2006.01)**
[25] EN
[54] **CONDUIT FOR THE REMOVABLE POSITIONING OF TEMPERATURE SENSORS IN A WATER HEATER AND METHOD**
[54] **CONDUIT POUR LE POSITIONNEMENT AMOVIBLE DE CAPTEURS DE TEMPERATURE DANS UN CHAUFFE-EAU ET PROCEDE**
[72] LESAGE, CLAUDE, CA
[73] LESAGE, CLAUDE,
[86] (2885403)
[87] (2885403)
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[51] **Int.Cl. G01S 19/34 (2010.01) G01S 5/02 (2010.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR REDUCING GNSS RECEIVER POWER USAGE BY LEVERAGING SIGNALS OF OPPORTUNITY TO PREDICT GNSS AVAILABILITY**
[54] **SYSTEME ET PROCEDES DE REDUCTION DE CONSOMMATION D'ENERGIE DE RECEPTEUR GNSS PAR EXPLOITATION DE SIGNAUX D'OPPORTUNITE POUR PREDIRE UNE DISPONIBILITE GNSS**
[72] WHELAN, DAVID A., US
[72] GUTT, GREGORY M., US
[72] O'CONNOR, MICHAEL L., US
[73] THE BOEING COMPANY,
[85] 2015-03-17
[86] 2013-11-27 (PCT/US2013/072414)
[87] (WO2014/093032)
[30] US (13/712,896) 2012-12-12

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[13] C
[51] **Int.Cl. G02B 6/36 (2006.01) G02B 6/38 (2006.01)**
[25] EN
[54] **OPTICAL FIBER JOINT, OPTICAL FIBER ADAPTER AND OPTICAL FIBER CONNECTOR**
[54] **JOINT DE FIBRES OPTIQUES, ADAPTATEUR DE FIBRE OPTIQUE ET CONNECTEUR DE FIBRE OPTIQUE**
[72] WU, WENXIN, CN
[72] HUANG, XUESONG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2015-03-24
[86] 2013-11-12 (PCT/CN2013/086983)
[87] (WO2015/070382)

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[13] C
[51] **Int.Cl. H04N 19/31 (2014.01) H04N 19/174 (2014.01) H04N 19/44 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **DECODING AND ENCODING OF PICTURES OF A VIDEO SEQUENCE**
[54] **DECODAGE ET CODAGE D'IMAGES D'UNE SEQUENCE VIDEO**
[72] SAMUELSSON, JONATAN, SE
[72] SJOBERG, RICKARD, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL),
[85] 2015-03-27
[86] 2013-09-26 (PCT/EP2013/070093)
[87] (WO2014/049066)
[30] US (61/706,869) 2012-09-28

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[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LATENCY MEASUREMENT IN COMMUNICATION SYSTEMS**
[54] **PROCEDE ET SYSTEME POUR MESURER UNE LATENCE DANS DES SYSTEMES DE COMMUNICATION**
[72] YUN, SUNGHO, US
[72] GOLDBURG, MARC, US
[72] GARCIA, CARLOS, US
[72] RHEE, WONJONG, US
[73] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.,
[85] 2015-04-07
[86] 2012-10-09 (PCT/US2012/059395)
[87] (WO2014/058416)

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[13] C
[51] **Int.Cl. B02C 21/00 (2006.01) B02C 4/02 (2006.01) B02C 23/12 (2006.01) B07B 4/02 (2006.01) B07B 9/00 (2006.01)**
[25] EN
[54] **GRINDING MILL**
[54] **INSTALLATION DE BROYAGE**
[72] HAGEMEIER, OLAF, DE
[72] HAACK, AIMO DIRK, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG,
[85] 2015-04-09
[86] 2013-10-09 (PCT/EP2013/071031)
[87] (WO2014/056974)
[30] DE (10 2012 109 644.9) 2012-10-10

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[51] **Int.Cl. F23Q 2/173 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY FOR A GAS LIGHTER**
[54] **ENSEMBLE DE VALVE POUR UN BRIQUET A GAZ**
[72] LEFEBVRE, GUY, FR
[72] LEFEBVRE, YANN, FR
[73] SOCIETE BIC,
[85] 2015-04-10
[86] 2012-10-12 (PCT/IB2012/002306)
[87] (WO2014/057300)

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[51] **Int.Cl. G06F 3/0338 (2013.01)**
[25] EN
[54] **OPERATING DEVICE**
[54] **DISPOSITIF DE COMMANDE**
[72] IGARASHI, TAKESHI, JP
[72] MORITA, MASAHO, JP
[72] ENOMOTO, KAZUYOSHI, JP
[72] AOKI, TOSHIMASA, JP
[73] SONY INTERACTIVE ENTERTAINMENT INC.,
[85] 2015-04-13
[86] 2013-07-11 (PCT/JP2013/069064)
[87] (WO2014/061322)
[30] JP (2012-228481) 2012-10-15
[30] JP (2013-029458) 2013-02-18

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[13] C
[51] **Int.Cl. F01N 3/20 (2006.01) F01N 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR UREA CONDITIONING AND INJECTION CONTROL IN A SELECTIVE CATALYTIC REDUCTION SYSTEM**
[54] **PROCEDE ET APPAREIL DE CONTROLE D'INJECTION ET DE CONDITIONNEMENT D'UREE DANS UN SYSTEME DE REDUCTION CATALYTIQUE SELECTIVE**
[72] BROOKS, JEFFREY A., US
[72] BERGH, PATRIK, SE
[73] MACK TRUCKS, INC.,
[85] 2015-05-05
[86] 2012-11-09 (PCT/US2012/064262)
[87] (WO2014/074100)

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[13] C
[51] **Int.Cl. A61K 31/4045 (2006.01) A61K 9/70 (2006.01) A61K 47/06 (2006.01) A61K 47/14 (2017.01) A61K 47/32 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **ROPINIROLE-CONTAINING PATCH**
[54] **TIMBRE TRANSDERMIQUE ADHESIF CONTENANT DU ROPINIROLE**
[72] INOO, KATSUYUKI, JP
[72] KATAYAMA, AKIKO, JP
[72] TAKANO, DAIKI, JP
[73] TEIKOKU SEIYAKU CO., LTD.,
[85] 2015-05-07
[86] 2013-11-28 (PCT/JP2013/082055)
[87] (WO2014/084311)
[30] JP (2012-262143) 2012-11-30

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[51] **Int.Cl. B03C 1/14 (2006.01)**
[25] EN
[54] **MAGNETIC DRUM INLET SLIDE AND SCRAPER BLADE**
[54] **GLISSOIR D'ENTREE ET LAME DE RACLAGE DE TAMBOUR MAGNETIQUE**
[72] VAREIKA, MATTHEW J., US
[72] GWARJANSKI, JOSEPH P., US
[72] KLYAMKIN, SIMONE, US
[72] FEDERICO, FRANK W., US
[73] EVOQUA WATER TECHNOLOGIES LLC,
[85] 2015-05-08
[86] 2013-03-11 (PCT/US2013/030145)
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[30] US (61/733,111) 2012-12-04
[30] US (61/734,095) 2012-12-06

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[13] C
[51] **Int.Cl. E04B 1/08 (2006.01) E04B 1/10 (2006.01) E04B 1/24 (2006.01) E04B 1/26 (2006.01) E04B 2/28 (2006.01)**
[25] EN
[54] **WALL BASE STRUCTURE FOR LIGHT BUILDINGS**
[54] **STRUCTURE DE BASE MURALE POUR CONSTRUCTIONS LEGERES**
[72] SCOTTA, ROBERTO, IT
[72] POZZA, LUCA, IT
[73] UNIVERSITA' DEGLI STUDI DI PADOVA,
[73] POZZA, LUCA,
[85] 2015-05-13
[86] 2012-11-19 (PCT/IB2012/056544)
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[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **TEMPORARY ROOT CANAL SEALER DISPERSION**
[54] **DISPERSION D'AGENT COLMATANT TEMPORAIRE POUR CANAL RADICULAIRE**
[72] WALZ, UWE, DE
[72] WEBER, CHRISTOPH, DE
[72] BROD, CARSTEN, DE
[72] KLEE, JOACHIM E., DE
[73] DENTSPLY DETREY GMBH,
[85] 2015-05-19
[86] 2014-01-16 (PCT/EP2014/000093)
[87] (WO2014/111255)
[30] EP (13000220.7) 2013-01-16

[11] **2,892,530**
[13] C
[51] **Int.Cl. F15B 15/14 (2006.01) B23P 19/02 (2006.01) B23P 19/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE ASSEMBLY AND DISASSEMBLY OF HYDRAULIC CYLINDERS**
[54] **DISPOSITIF DE MONTAGE ET DE DEMONTAGE DE CYLINDRES HYDRAULIQUES**
[72] TRENKLE, MARTIN, DE
[72] LUIDL, WERNER, DE
[73] ZEPPELIN BAUMASCHINEN GMBH,
[73] TRENKLE, MARTIN,
[85] 2015-05-25
[86] 2013-12-24 (PCT/EP2013/077967)
[87] (WO2014/108313)
[30] DE (10 2013 000 319.9) 2013-01-10
[30] DE (10 2013 001 675.4) 2013-01-31

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[13] C
[51] **Int.Cl. G06F 15/16 (2006.01) H04L 12/24 (2006.01) H04L 12/407 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **INDUCTION OF A NODE INTO A GROUP**
[54] **INDUCTION D'UN N□UD DANS UN GROUPE**
[72] AAHLAD, YETURU, US
[72] PARKIN, MICHAEL, GB
[72] AKHTAR, NAEEM, US
[73] WANDISCO, INC.,
[85] 2015-05-29
[86] 2013-10-04 (PCT/US2013/063422)
[87] (WO2014/105247)
[30] US (61/746,867) 2012-12-28
[30] US (13/835,888) 2013-03-15

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[13] C
[51] **Int.Cl. B64G 1/10 (2006.01) G01S 5/02 (2010.01) H04B 7/185 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR OBTAINING INFORMATION ABOUT ELECTROMAGNETIC ENERGY EMITTED FROM THE EARTH, SUCH AS FOR LOCATING AN INTERFERENCE SOURCE ON EARTH**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR OBTENIR UNE INFORMATION CONCERNANT UNE ENERGIE ELECTROMAGNETIQUE EMISE A PARTIR DE LA TERRE, PAR EXEMPLE POUR LA LOCALISATION D'UNE SOURCE D'INTERFERENCE SUR LA TERRE**
[72] MENGWASSER, BRIAN, US
[73] SES S.A.,
[85] 2015-06-01
[86] 2013-11-21 (PCT/EP2013/074372)
[87] (WO2014/086588)
[30] US (13/705,566) 2012-12-05

[11] **2,894,048**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/30 (2018.01) H04L 12/26 (2006.01)**
[25] EN
[54] **AGGREGATION OF SEPARATE DOMAIN DATA**
[54] **AGREGATION DE DONNEES DE DOMAINES SEPAREES**
[72] FOGEL, CHRISTOPHER MICHAEL, CA
[72] JUDGE, FRANCIS PATRICK, US
[72] RATTA, BRIAN TIMOTHY, US
[72] FLANIGAN, MARK JUSTIN, CA
[72] CHERRY, CARL LLOYD, CA
[72] EWANCHUK, ANDREW JOHN, CA
[73] BLACKBERRY LIMITED,
[86] (2894048)
[87] (2894048)
[22] 2015-06-12
[30] US (14/307,204) 2014-06-17

[11] **2,894,145**
[13] C
[51] **Int.Cl. A61L 27/00 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **ARTIFICIAL BLOOD VESSEL USING DECELLULARIZED BLOOD VESSEL SHEET**
[54] **VAISSEAU SANGUIN ARTIFICIEL UTILISANT UNE FEUILLE DE VAISSEAU SANGUIN DECELLULARISE**
[72] SHINYA, NORIKO, JP
[72] UCHIDA, TAKANORI, JP
[72] KISHIDA, AKIO, JP
[72] HIGAMI, TETSUYA, JP
[73] THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE,
[85] 2015-06-04
[86] 2013-12-17 (PCT/JP2013/083749)
[87] (WO2014/109185)
[30] JP (2013-001033) 2013-01-08

[11] **2,894,342**
[13] C
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[25] EN
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[54] **CULTIVAR DE SOYA AR1100280**
[72] MCCLURE, DONALD B., CA
[72] LEE, DAVID S., CA
[73] SYNGENTA PARTICIPATIONS AG,
[86] (2894342)
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[30] US (14/578,810) 2014-12-22

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[54] **ENHANCED OIL RECOVERY FROM A CRUDE HYDROCARBON RESERVOIR**
[54] **RECUPERATION AMELIOREE DES HUILES A PARTIR D'UN RESERVOIR D'HYDROCARBURES BRUTS**
[72] UDESEN, HENRIK, DK
[72] VIVAS, ANGELICA HIDALGO, DK
[73] HALDOR TOPSOE A/S,
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[54] **MESOPOROUS SILICA NANOPARTICLES FOR OIL ABSORPTION**
[54] **NANOPARTICULES DE SILICE MESOPOREUSE POUR L'ABSORPTION D'HUILE**
[72] CHENG, SHIH-HSUN, TW
[72] LIAO, WEI-NENG, TW
[72] YANG, CHUNG-SHI, TW
[72] LO, LEU-WEI, TW
[73] NATIONAL HEALTH RESEARCH INSTITUTES,
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[54] **REFRACTIVE MULTIFOCAL INTRAOCULAR LENS WITH OPTIMISED OPTICAL QUALITY IN A RANGE OF FOCUS AND METHOD TO PRODUCE IT**
[54] **LENTILLE INTRAOCULAIRE MULTIFOCALE REFRACTIVE AVEC QUALITE OPTIQUE OPTIMISEE DANS UNE PLAGE DE FOCALE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] FERNANDEZ GUTIERREZ, DAVID, ES
[72] BARBERO BRIONES, SERGIO, ES
[72] DORRONSORO DIAZ, CARLOS, ES
[72] MARCOS CELESTINO, SUSANA, ES
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC),
[85] 2015-06-23
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[54] **PROCESS FOR MAKING A STRATIFIED AND AGGLOMERATED ARTIFICIAL STONE ARTICLE**
[54] **ARTICLES AGGLOMERES DE PIERRE ARTIFICIELLE STRATIFIES**
[72] BENITO LOPEZ, JOSE MANUEL, ES
[72] GONZALEZ HERNANDEZ, LEOPOLDO, ES
[72] JARA GUERRERO, JUAN ANTONIO, ES
[73] COSENTINO RESEARCH AND DEVELOPMENT, S.L.,
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[25] EN
[54] **MULTIFUNCTIONAL MOTORIZED BOX AND LANDING PAD FOR AUTOMATIC DRONE PACKAGE DELIVERY**
[54] **CAISSON MOTORISE MULTIFONCTIONNEL ET COUSIN D'ATTERRISSAGE DESTINE A LA LIVRAISON AUTOMATIQUE D'UN PAQUET PAR UN DRONE**
[72] TREMBLAY, SIMON, CA
[72] BHARUCHA, ERIC, CA
[73] TREMBLAY, SIMON,
[73] BHARUCHA, ERIC,
[86] (2898304)
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[54] **NOVEL ANTIBODY CONJUGATES AND USES THEREOF**
[54] **NOUVEAUX CONJUGUES ANTICORPS ET LEURS UTILISATIONS**
[72] TORGOV, MICHAEL, US
[72] HOWARD, PHILIP WILSON, GB
[73] MEDIMMUNE LIMITED,
[73] ABBVIE STEMCENTRX LLC,
[85] 2015-08-12
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[54] **GAS TURBINE ENGINE CONFIGURATION INTERFACE**
[54] **INTERFACE DE CONFIGURATION DE MOTEUR A TURBINE A GAZ**
[72] MYER, JOSEPH D., US
[72] TOMLINSON, STEVEN WESLEY, US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.,
[85] 2015-08-18
[86] 2013-11-15 (PCT/US2013/070322)
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[25] EN
[54] **DETERMINING STUCK POINT OF TUBING IN A WELLBORE**
[54] **DETERMINATION DU POINT DE COINCEMENT D'UN TUBAGE DANS UN PUITS DE FORAGE**
[72] BROWN-KERR, WILLIAM, GB
[72] MCGARIAN, BRUCE HERMMAN FORSYTH, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED,
[85] 2015-08-20
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[25] EN
[54] **WORKFLOW GENERATION FOR CLOUD-PLATFORM INFRASTRUCTURE LAYOUTS**
[54] **GENERATION DE FLUX DE TRAVAIL POUR DISPOSITIONS D'INFRASTRUCTURE DE PLATEFORME NUAGIQUE**
[72] XIE, QING, US
[72] TUNG, TERESA SHEAUSAN, US
[72] GOMADAM, KARTHIK, US
[73] ACCENTURE GLOBAL SERVICES LIMITED,
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[54] **GEOGRAPHIC UTILIZATION OF ARTIFICIAL INTELLIGENCE IN REAL-TIME FOR DISEASE IDENTIFICATION AND ALERT NOTIFICATION**
[54] **UTILISATION GEOGRAPHIQUE D'UNE INTELLIGENCE ARTIFICIELLE EN TEMPS REEL POUR L'IDENTIFICATION D'UNE MALADIE ET UNE NOTIFICATION D'ALERTE**
[72] SILVA, JULIO CESAR, US
[72] RUMORO, DINO PETER, US
[73] RUSH UNIVERSITY MEDICAL CENTER,
[85] 2015-08-25
[86] 2014-03-14 (PCT/US2014/027139)
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[25] EN
[54] **HIGH FLOW UREA-FORMALDEHYDE POWDERS FOR PARTICLEBOARD AND FIBERBOARD MANUFACTURE**
[54] **POUDRES D'UREE-FORMALDEHYDE EXTREMEMENT FLUIDES POUR LA FABRICATION DE PANNEAUX DE PARTICULES ET DE PANNEAUX DE FIBRES**
[72] BREYER, ROBERT A., US
[72] KRAUTH, TYLER, US
[72] COTHRAN, JOHN D., US
[72] BAXTER, PAUL S., US
[72] CRIBB, ASHLEE, US
[73] GEORGIA-PACIFIC CHEMICALS LLC,
[85] 2015-08-27
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[25] EN
[54] **METHOD AND APPARATUS FOR PARTICLE SIZE DETERMINATION**
[54] **PROCEDE ET APPAREIL POUR LA DETERMINATION DE TAILLES DE PARTICULES**
[72] DAY, NEIL M., US
[72] DONG, JING, US
[73] BLUE BOTTLE COFFEE, INC.,
[85] 2015-08-28
[86] 2014-02-28 (PCT/US2014/019618)
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[54] **POWER SUPPLY CIRCUIT AND POWER SUPPLY PANEL**
[54] **CIRCUIT D'ALIMENTATION ELECTRIQUE ET PANNEAU D'ALIMENTATION ELECTRIQUE**
[72] GAO, XINGGUO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD.,
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[54] **COLD-CATHODE SWITCHING DEVICE AND CONVERTER**
[54] **DISPOSITIF DE COMMUTATION A CATHODE FROIDE ET CONVERTISSEUR**
[72] SOMMERER, TIMOTHY JOHN, US
[72] MICHAEL, JOSEPH DARRYL, US
[72] SMITH, DAVID JOHN, US
[72] ZALUBOVSKY, SERGEY JOSEPH, US
[73] GENERAL ELECTRIC COMPANY,
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[25] EN
[54] **TISSUE CAPTURING BONE ANCHOR**
[54] **ANCRAGE OSSEUX A CAPTURE TISSULAIRE**
[72] TICKER, JONATHAN B., US
[73] CONMED CORPORATION,
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[25] EN
[54] **INDEPENDENTLY CONTROLLED METER ROLLERS AND AIR CONVEYANCE COMPONENTS SYSTEM AND METHOD**
[54] **ROULEAUX DOSEURS A CONTROLE INDEPENDANT ET SYSTEME ET METHODE DE COMPOSANTES DE TRANSPORT A AIR**
[72] CHAHLEY, DENNIS W., CA
[72] ENGEL, GORDON ANTHONY, CA
[72] TURNER, JACK DONALD, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] ERKER, GREGORY JACOB, CA
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] RAPLEY, ANTHONY CHARLES, CA
[73] CNH INDUSTRIAL CANADA, LTD.,
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[54] **INTEGRATED HEALTH MANAGEMENT APPROACH TO PROPULSION CONTROL SYSTEM PROTECTION LIMITING**
[54] **APPROCHE DE GESTION SANITAIRE INTEGREE A LA LIMITATION DE PROTECTION DE SYSTEME DE COMMANDE DE PROPULSION**
[72] MYER, JOSEPH D., US
[72] SKERTIC, RICHARD J., US
[72] CALHOUN, KEITH A., US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.,
[73] ROLLS-ROYCE CORPORATION,
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[54] **MOBILE BARCODE GENERATION AND PAYMENT**
[54] **GENERATION DE CODE A BARRES MOBILE ET PAIEMENT**
[72] WONG, CATHERINE A., US
[73] PAYPAL, INC.,
[85] 2015-09-22
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[54] **SYSTEM AND METHOD FOR DOWNHOLE TELEMETRY**
[54] **SYSTEME ET METHODE DE TELEMETRIE DE FOND DE TROU**
[72] PETROVIC, JOHN, CA
[72] PETROVIC, VICTOR, CA
[72] WHITE, MATTHEW R., CA
[72] BEAULAC, NEAL P., CA
[73] MOSTAR DIRECTIONAL TECHNOLOGIES INC.,
[86] (2908296)
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[25] EN
[54] **MULTI-FARM WIND POWER GENERATION SYSTEM**
[54] **SYSTEME MULTI-PARCS DE PRODUCTION D'ENERGIE EOLIENNE**
[72] BURRA, RAJNI KANT, US
[72] SAHA, AVIJIT, IN
[72] RYALI, VENKATARAO, US
[72] GANIREDDY, GOVARDHAN, IN
[72] AMBEKAR, AKSHAY KRISHNAMURTY, IN
[72] SAGI, DEEPAK RAJ, IN
[73] GENERAL ELECTRIC COMPANY,
[85] 2015-10-05
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[51] **Int.Cl. C07J 53/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF DROSPIRENONE**
[54] **PROCEDE DE PREPARATION DE DROSPIRENONE**
[72] LENNA, ROBERTO, IT
[72] BARBIERI, FRANCESCO, IT
[72] LUONI, MARIA GIOVANNA, IT
[72] NOSEDA, MONICA, IT
[73] INDUSTRIALE CHIMICA S.R.L.,
[85] 2015-10-07
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[51] **Int.Cl. G07F 17/32 (2006.01) H04B 10/114 (2013.01)**
[25] EN
[54] **AMUSEMENT MACHINE AND MONITORING SYSTEM**
[54] **APPAREIL DE DIVERTISSEMENT ET SYSTEME DE SURVEILLANCE**
[72] KORNDORFER, JENS, DE
[73] NOVOMATIC AG,
[85] 2015-10-27
[86] 2014-04-17 (PCT/EP2014/057864)
[87] (WO2014/177394)
[30] DE (102013104460.3) 2013-05-02

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[25] EN
[54] **AUTOMATIC ACTIVATION OF A FOG PROTECTION SYSTEM ONBOARD A VEHICLE**
[54] **ACTIVATION AUTOMATIQUE D'UN SYSTEME ANTIBROUILLARD A BORD D'UN VEHICULE**
[72] MEIS, CHARLES S., US
[72] GERMEROTH, TODD J., US
[73] THE BOEING COMPANY,
[86] (2910898)
[87] (2910898)
[22] 2015-10-30
[30] US (14/573,614) 2014-12-17

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[25] EN
[54] **MULTIFUNCTIONAL FOAMING COMPOSITION WITH WETTABILITY MODIFYING, CORROSION INHIBITORY AND MINERAL SCALE INHIBITORY/DISPERSANTS PROPERTIES FOR HIGH TEMPERATURE AND ULTRA HIGH SALINITY**
[54] **COMPOSITION MOUSSANTE MULTIFONCTIONNELLE AYANT DES PROPRIETES MODIFIANT LA MOUILLABILITE, EMPECHANT LA CORROSION ET EMPECHANT/DISPERSANT LE TARTRE MINERAL DESTINEE A UNE TEMPERATURE ELEVEE ET UNE SALINITE TRES ELEVEE**
[72] HERNANDEZ ALTAMIRANO, RAUL, MX
[72] ZAMUDIO RIVERA, LUIS SILVESTRE, MX
[72] MENA CERVANTES, VIOLETA YAZMIN, MX
[72] LUNA ROJERO, ERICK EMANUEL, MX
[72] NIETO ALVAREZ, DAVID AARON, MX
[72] CISNEROS DEVORA, RODOLFO, MX
[72] PONS JIMENEZ, MIRNA, MX
[72] RAMIREZ ESTRADA, ALEJANDRO, MX
[72] MENDOZA AGUILAR, AMERICA ELIZABETH, MX
[72] KIM, SUNG JAE KO, MX
[73] INSTITUTO MEXICANO DEL PETROLEO,
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[87] (2911915)
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[30] MX (MX/A/2014/013981) 2014-11-18

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[54] **SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION**
[54] **REALISATION SELECTIVE D'UN DECHIFFREMENT AVEC INTERVENTION HUMAINE**
[72] MARTINI, PAUL MICHAEL, US
[73] IBOSS, INC.,
[85] 2015-11-09
[86] 2014-05-06 (PCT/US2014/037009)
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[30] US (13/890,146) 2013-05-08

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[25] EN
[54] **VIDEO LARYNGOSCOPE SYSTEMS**
[54] **SYSTEMES DE LARYNGOSCOPE VIDEO**
[72] DAN, GABRIEL, IL
[72] ROSENBLATT, DAVID, IL
[73] TRUPHATEK INTERNATIONAL LTD,
[85] 2015-11-13
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[54] **RAILWAY VEHICLE**
[54] **VEHICULE FERROVIAIRE**
[72] MCCULLOCH, WILLIAM FRANCIS, GB
[73] W & D MCCULLOCH LTD.,
[85] 2015-11-17
[86] 2014-06-10 (PCT/GB2014/051787)
[87] (WO2014/199146)
[30] GB (1310596.0) 2013-06-14

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[51] **Int.Cl. B07B 1/42 (2006.01)**
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[54] **VIBRATORY APPARATUS WITH MULTIPLE SCREENING DECKS**
[54] **APPAREIL VIBRATOIRE DOTE DE PLUSIEURS PLATEAUX FILTRES**
[72] MASSMAN, STEVE, US
[72] DICKINSON, ERIC, US
[73] GENERAL KINEMATICS CORPORATION,
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[30] US (62/088,492) 2014-12-05

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[25] EN
[54] **PREPARATION OF POLYLACTIDE-POLYGLYCOLIDE MICROPARTICLES HAVING A SIGMOIDAL RELEASE PROFILE**
[54] **PREPARATION DE MICROPARTICULES POLYLACTIDE-POLYGLYCOLIDE AYANT UN PROFIL DE LIBERATION SIGMOIDE**
[72] KARAVAS, EVANGELOS, GR
[72] KOUTRIS, EFTHYMIOS, GR
[72] HAITIDOU, SOTIRIA, GR
[72] MANTOURLIAS, THEOFANIS, GR
[72] PAPANIKOLAOU, GEORGIA, GR
[73] PHARMATHEN S.A.,
[85] 2015-12-18
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[30] EP (PCT/EP2013/001821) 2013-06-20

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[13] C
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[25] EN
[54] **SWITCHING APPARATUS AND METHOD FOR VARYING AN IMPEDANCE OF A PHASE LINE OF A SEGMENT OF AN ELECTRICAL POWER LINE**
[54] **APPAREIL DE COMMUTATION ET PROCEDE POUR FAIRE VARIER L'IMPEDANCE D'UNE LIGNE DE PHASE D'UN SEGMENT D'UNE LIGNE DE TRANSPORT D'ENERGIE ELECTRIQUE**
[72] COUTURE, PIERRE, CA
[73] HYDRO-QUEBEC,
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[86] 2013-10-04 (PCT/CA2013/050748)
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[54] **SYSTEM AND METHOD FOR DRAINING LIQUIDS THROUGH A GULLY**
[54] **SYSTEME ET METHODE D'EVACUATION DE LIQUIDES DANS UNE RAVINE**
[72] JOHNSEN, ASLE, NO
[73] AIWELL HOLDING AS,
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[54] **ACCESSORY CONNECTION SYSTEMS AND METHODS FOR USE WITH HELICAL PILE DRIVING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE RACCORDEMENT D'ACCESSOIRE DESTINES A ETRE UTILISES AVEC DES SYSTEMES D'ENTRAINEMENT DE PIEU HELICOIDAL**
[72] SUVER, PAUL, US
[72] MILLER, DAN, US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC.,
[85] 2016-01-05
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[30] US (61/843,294) 2013-07-05
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[25] EN
[54] **AUTOMATIC PROCESS CONTROL OF ADDITIVE MANUFACTURING DEVICE**
[54] **COMMANDE AUTOMATIQUE DE PROCEDE POUR DISPOSITIF DE FABRICATION D'ADDITIF**
[72] PEREZ, ALFONSO ALEXANDER, US
[72] HAID, CHRISTOPHER MICHAEL, US
[72] PENA DOLL, MATEO, US
[72] PIEPER, FORREST W., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY,
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[25] EN
[54] **METHOD AND SYSTEM FOR ULTRASONIC AIRFLOW MEASUREMENTS**
[54] **METHODE ET SYSTEME DE MESURE DE FLUX D'AIR ULTRASONIQUE**
[72] MAENPAA, DOUGLAS, CA
[72] SHARKEY, MICHAEL, CA
[72] DIGNARD, RICHARD, CA
[73] ACCUTRON INSTRUMENTS INC.,
[86] (2920324)
[87] (2920324)
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[51] **Int.Cl. C01B 33/26 (2006.01) C09D 7/61 (2018.01) D21H 17/68 (2006.01)**
[25] EN
[54] **HYPERPLATY CLAYS AND THEIR USE IN PAPER COATING AND FILLING, METHODS FOR MAKING SAME, AND PAPER PRODUCTS HAVING IMPROVED BRIGHTNESS**
[54] **ARGILES HYPERLAMELAIRES ET LEUR UTILISATION DANS LE REVETEMENT ET LE CHARGEMENT DE PAPIER, PROCEDES DE FABRICATION DE CELLES-CI, ET PRODUITS DE PAPIER A BLANCHEUR AMELIOREE**
[72] JONES, PHILIP J. E., US
[72] PRUETT, ROBERT J., US
[72] GARSKA, MICHAEL J., US
[72] BILIMORIA, BOMI M., US
[72] YUAN, JUN, US
[72] CUMMINGS, DAVID O., US
[72] WESLEY, ROBIN, GB
[73] IMERYS PIGMENTS, INC.,
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[25] EN
[54] **APPARATUS FOR THERMAL PROCESSING OF FLEXOGRAPHIC PRINTING ELEMENTS**
[54] **APPAREIL DE TRAITEMENT THERMIQUE D'ELEMENTS D'IMPRESSION FLEXOGRAPHIQUE**
[72] GOTSICK, TIMOTHY, US
[73] MACDERMID GRAPHICS SOLUTIONS, LLC,
[85] 2016-02-09
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[54] **BATTERY WELL FOR A MEDICAL TESTING DEVICE**
[54] **LOGEMENT DE PILE POUR UN DISPOSITIF D'ANALYSE MEDICALE**
[72] ROLFS, BRYAN, US
[72] UBERTA, ANTHONY J., III, US
[73] F. HOFFMANN-LA ROCHE AG,
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[54] **LENTICULAR AIRSHIP AND ASSOCIATED CONTROLS**
[54] **DIRIGEABLE LENTICULAIRE ET COMMANDES ASSOCIEES**
[72] BALASKOVIC, PIERRE, FR
[73] JG ENTREPRENEURIAL ENTERPRISES LLC,
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[87] (2924142)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TRANSDERMAL DELIVERY OF A NON-SEDATIVE AMOUNT OF DEXMEDETOMIDINE**
[54] **PROCEDES ET COMPOSITIONS POUR L'ADMINISTRATION TRANSDERMIQUE D'UNE QUANTITE NON SEDATIVE DE DEXMEDETOMIDINE**
[72] PONGPEERAPAT, ADCHARA, US
[72] JAIN, AMIT, US
[72] BERNER, BRET, US
[72] WEN, JIANYE, US
[72] SHUDO, JUTARO, US
[73] TEIKOKU PHARMA USA, INC.,
[85] 2016-03-11
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[25] EN
[54] **GYPSUM SCALE INHIBITORS FOR ORE SLURRY SYSTEMS IN HYDRO METALLURGICAL APPLICATIONS**
[54] **INHIBITEURS DE DEPOT DE GYPSE POUR SYSTEMES UTILISANT DE LA PULPE DE MINERAI DANS DES APPLICATIONS HYDROMETALLURGIQUES**
[72] BAKEEV, KIRILL N., US
[72] DIMAIO, ANDREW M., US
[73] SOLENIS TECHNOLOGIES, L.P.,
[85] 2016-03-16
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[54] **PACKAGING**
[54] **EMBALLAGE**
[72] DOWN, MATTHEW JAMES, GB
[73] MONDELEZ UK R&D LIMITED,
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[25] EN
[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] OKUBO, TAKUYA, JP
[72] NAKAGAWA, NORIHISA, JP
[72] KIMURA, KOICHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
[86] (2925226)
[87] (2925226)
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[54] **RADIAL PASSAGE ENGINE WASH MANIFOLD**
[54] **COLLECTEUR DE LAVAGE DE MOTEUR A PASSAGE RADIAL**
[72] RICE, ROBERT M., US
[72] ZADRICK, WAYNE J., US
[72] NORDLUND, SEBASTIAN, SE
[72] DORSHIMER, KURT D., US
[73] ECOSERVICES, LLC,
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[54] **MOBILE ROBOTIC SYSTEM**
[54] **SYSTEME ROBOTIQUE MOBILE**
[72] NGUYEN, TUONG Q., US
[72] PRINGLE, JOHN W., IV, US
[73] THE BOEING COMPANY,
[86] (2925580)
[87] (2925580)
[22] 2016-03-31
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[54] **COORDINATION CONTROL METHOD OF MULTI-TERMINAL VSC-HVDC TRANSMISSION SYSTEM**
[54] **METHODE DE CONTROLE DE LA COORDINATION DE SYSTEME DE TRANSMISSION VSC-CCHT MULTITERMINAL**
[72] DONG, YUNLONG, CN
[72] TIAN, JIE, CN
[72] LI, GANG, CN
[72] CAO, DONGMING, CN
[72] LI, HAIYING, CN
[72] LIU, HAIBIN, CN
[73] NR ELECTRIC CO., LTD,
[73] NR ENGINEERING CO., LTD,
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[51] **Int.Cl. G01M 3/26 (2006.01) E21B 47/007 (2012.01) E21B 47/10 (2012.01)**
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[54] **SYSTEM AND METHOD FOR A BENCHMARK PRESSURE TEST**
[54] **SYSTEME ET PROCEDE POUR UN TEST DE PERFORMANCES DE PRESSION**
[72] FRANKLIN, CHARLES M., US
[72] CULLY, RICHARD A., US
[73] INNOVATIVE PRESSURE TESTING, LLC,
[85] 2016-04-01
[86] 2013-10-17 (PCT/US2013/065413)
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[25] EN
[54] **AIR SUPPLY SYSTEM INTEGRATED INTO A SEED HOPPER ASSEMBLY**
[54] **MECANISME D'APPROVISIONNEMENT D'AIR INTEGRE A UN APPAREIL DE TREMIE DES SEMENCES**
[72] JOHNSON, CHAD M., US
[72] LONG, SCOTT A., US
[73] CNH INDUSTRIAL AMERICA LLC,
[86] (2927777)
[87] (2927777)
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[25] EN
[54] **DIGITAL DOWNLOADING JUKEBOX SYSTEM WITH CENTRAL AND LOCAL MUSIC SERVERS**
[54] **SYSTEME NUMERIQUE DE JUKEBOX A TELECHARGEMENT ASSOCIE A DES SERVEURS DE MUSIQUE CENTRAL ET LOCAL**
[72] DION, DOMINIQUE, CA
[72] NATHAN, GUY, CA
[73] TOUCHTUNES MUSIC CORPORATION,
[86] (2928142)
[87] (2928142)
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[54] **SPATIAL PHASE-SHIFT SHEAROGRAPHY SYSTEM FOR NON-DESTRUCTIVE TESTING AND STRAIN MEASUREMENT**
[54] **SYSTEME SHEAROGRAPHIQUE A DEPHASAGE SPATIAL POUR ESSAI NON DESTRUCTIF ET EXTENSOMETRIE**
[72] YANG, LIANXIANG, US
[72] XIE, XIN, US
[72] XUE, NAN, US
[72] CHEN, XU, US
[73] OAKLAND UNIVERSITY,
[85] 2016-04-25
[86] 2014-10-28 (PCT/US2014/062610)
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[54] **OUTER MEMBRANE VESICLES AND USES THEREOF**
[54] **VESICULES DE MEMBRANE EXTERNE ET UTILISATION ASSOCIEES**
[72] WINTHER-LARSEN, HANNE, NO
[72] BRUDAL, ESPEN, NO
[72] COLQUHOUN, DUNCAN, NO
[73] UNIVERSITY OF OSLO,
[73] NMBU VETERINAERHOGSKOLEN,
[73] VETERINAERINSTITUTTET,
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[54] **BLASTING SYSTEM CONTROL**
[54] **COMMANDE DE SYSTEME D'ABATTAGE A L'EXPLOSIF**
[72] KRUGER, MICHIEL JACOBUS, ZA
[73] DETNET SOUTH AFRICA (PTY) LIMITED,
[85] 2016-04-29
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[54] **HIV-1 ENVELOPE PROTEINS AND FRAGMENTS THEREOF THAT POSSESS EPITOPES RECOGNIZED BY BROADLY NEUTRALIZING ANTIBODIES**
[54] **PROTEINES D'ENVELOPPE DU VIH-1 ET LEURS FRAGMENTS QUI POSSEDENT DES EPITOPES RECONNUS PAR DES ANTICORPS LARGEMENT NEUTRALISANTS**
[72] BERMAN, PHILLIP W., US
[72] TATSUNO, GWEN, US
[72] YU, BIN, US
[72] MORALES, JAVIER, US
[72] MESA, KATHRYN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,
[85] 2015-04-07
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[25] EN
[54] **MULTI-LAYERED PLASTIC POLYMERIC CONTAINER FOR THE STORAGE OF PHARMACEUTICAL COMPOSITIONS**
[54] **RECIPIENT POLYMERE EN MATIERE PLASTIQUE MULTICOUCHE POUR STOCKER DES COMPOSITIONS PHARMACEUTIQUES**
[72] LACOSTE, SANDRINE, FR
[72] PEYROT, LAURENCE, FR
[72] BOIVIN, ELIANE, FR
[73] CEVA SANTE ANIMALE,
[86] (2930072)
[87] (2930072)
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[25] EN
[54] **VALVE DEVICE FOR A PRESSURIZED GAS CONTAINER**
[54] **DISPOSITIF DE SOUPAPE POUR UN RECIPIENT DE GAZ SOUS PRESSION**
[72] HAUSMANN, PHILIPP, DE
[73] NISSAN MOTOR CO., LTD.,
[85] 2016-05-24
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[30] DE (10 2013 019 811.9) 2013-11-26

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[51] **Int.Cl. B01D 53/14 (2006.01)**
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[54] **METHOD FOR REMOVING SOX FROM GAS USING ETHYLENE GLYCOL COMPOSITE SOLUTION**
[54] **PROCEDE D'ELIMINATION DES SOX D'UN GAZ A L'AIDE D'UNE SOLUTION COMPLEXE D'ETHYLENE GLYCOL**
[72] WEI, XIONGHUI, CN
[72] ZOU, MEIHUA, CN
[72] WANG, JUN, CN
[72] CHEN, LI, CN
[72] LI, LIFANG, CN
[72] SUN, YONG, CN
[72] LIU, JIAXU, CN
[72] HU, CHUN, CN
[72] LI, XIANGBIN, CN
[73] BEIJING BOYUAN HENGSHENG HIGH-TECHNOLOGY CO., LTD,
[73] YONGFENG BOYUAN INDUSTRY CO. LTD., JIANGXI PROVINCE,
[73] PEKING UNIVERSITY,
[85] 2016-06-02
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[54] **WIRELESS INTERACTIVE HEADSET**
[54] **CASQUE D'ECOUTE INTERACTIF SANS FIL**
[72] JANNARD, JAMES H., US
[72] BADEN, COLIN, US
[72] BRUNS, SUMMER LANE, US
[72] REYES, CARLOS, US
[73] OAKLEY, INC.,
[86] (2932965)
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[51] **Int.Cl. A47B 9/10 (2006.01) A47C 3/30 (2006.01) F16F 9/512 (2006.01)**
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[54] **SAFETY BRAKE FOR TELESCOPIC FURNITURE COLUMN**
[54] **FREIN DE SECURITE POUR COLONNE DE MEUBLE TELESCOPIQUE**
[72] HANSEN, MELF, DE
[73] KESSEBOHMER PRODUKTIONS GMBH & CO. KG,
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[25] EN
[54] **TIE SYSTEM FOR INSULATED CONCRETE PANELS**
[54] **SYSTEME DE CHAINAGE POUR PANNEAUX DE BETON ISOLES**
[72] FODERBERG, JOEL, US
[73] ICONX, LLC,
[85] 2016-06-09
[86] 2014-11-25 (PCT/US2014/067427)
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[30] US (61/915,675) 2013-12-13
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[54] **PROCEDE ET SYSTEME A UTILISER POUR REALISER UNE INSPECTION DE SECURITE**
[72] PERRON, LUC, CA
[73] VANDERLANDE APC INC.,
[86] (2933659)
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[25] EN
[54] **NON-CONTACT FLOW RATE MEASUREMENT OF FLUID USING SURFACE FEATURE IMAGE ANALYSIS**
[54] **MESURE DE DEBIT DE FLUIDE SANS CONTACT AU MOYEN D'UNE ANALYSE D'IMAGE DE CARACTERISTIQUE DE SURFACE**
[72] ZHAO, LIANG, US
[72] FRIPP, MICHAEL L., US
[72] FROSELL, THOMAS J., US
[72] MURPHREE, ZACHARY, US
[73] HALLIBURTON ENERGY SERVICES INC.,
[85] 2016-06-15
[86] 2014-02-19 (PCT/US2014/017186)
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[13] C
[51] **Int.Cl. C09D 5/00 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS FOR BUILDING MATERIALS AND COATED BUILDING MATERIAL SUBSTRATES**
[54] **COMPOSITIONS DE REVETEMENT POUR MATERIAUX DE CONSTRUCTION ET SUBSTRATS DE MATERIAUX DE CONSTRUCTION REVETUS**
[72] PEET, JEFFREY H., US
[72] YUAN, SAM, US
[72] COOGAN, TIMOTHY J., US
[73] CERTAINTEED CORPORATION,
[85] 2016-06-15
[86] 2014-12-19 (PCT/US2014/071652)
[87] (WO2015/095786)
[30] US (61/918,521) 2013-12-19
[30] US (62/094,534) 2014-12-19

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[13] C
[51] **Int.Cl. C08L 1/02 (2006.01) C08H 8/00 (2010.01) B82Y 40/00 (2011.01) D21C 9/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF CELLULOSE NANOCRYSTALS FROM MISCANTHUS GIGANTEUS AND COMPOSITES THEREFROM**
[54] **PROCEDE DE PRODUCTION DE NANOCRISTAUX DE CELLULOSE A PARTIR DE MISCANTHUS GIGANTEUS ET COMPOSITES ASSOCIES**
[72] ROWAN, STUART, US
[72] HUNSEN, MO, US
[72] WAY, AMANDA, US
[73] CASE WESTERN RESERVE UNIVERSITY,
[85] 2016-06-17
[86] 2014-12-19 (PCT/US2014/071366)
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[30] US (61/918,993) 2013-12-20

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[51] **Int.Cl. B23K 20/12 (2006.01) B23K 26/21 (2014.01) B21D 26/02 (2011.01)**
[25] EN
[54] **FABRICATING METAL COMPONENTS WITH WELD NUGGETS HAVING A DESIRED THICKNESS RATIO AND CHARACTERISTICS IN COMMON WITH THE METAL**
[54] **FABRICATION DE COMPOSANTES METALLIQUES A PEPITES SOUDEES AYANT UN RAPPORT D'EPAISSEUR DESIRE ET DES CARACTERISTIQUES EN COMMUN AVEC LE METAL**
[72] SANDERS, DANIEL G., US
[72] LEON, LUIS R., US
[72] EDWARDS, PAUL D., US
[72] RAMSEY, GREGORY L., US
[72] COLEMAN, GARY W., US
[73] THE BOEING COMPANY,
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[54] **ADJUSTABLE DRAIN**
[54] **SIPHON AJUSTABLE**
[72] TOMS, MATTHEW JASON, GB
[72] MELVILLE, NICHOLAS, GB
[73] CORAM UK HOLDING LIMITED,
[85] 2016-07-06
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[51] **Int.Cl. F16D 13/38 (2006.01) F16D 13/64 (2006.01)**
[25] EN
[54] **FLOATING HOUSING FORCE TRANSMITTING ASSEMBLY**
[54] **DISPOSITIF DE TRANSMISSION DE FORCE DESTINE A UN LOGEMENT FLOTTANT**
[72] PATIL, YOGESH BHANUDAS, IN
[72] WEPPLO, DANIEL EINO, US
[73] EATON INTELLIGENT POWER LIMITED,
[86] (2936103)
[87] (2936103)
[22] 2016-07-14
[30] US (14/799,827) 2015-07-15

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[51] **Int.Cl. A61B 5/00 (2006.01) A61C 19/04 (2006.01)**
[25] EN
[54] **DETECTION OF HARD AND SOFT TISSUE MASS/DENSITY**
[54] **DETECTION DE MASSE/DENSITE DE TISSU DUR ET MOU**
[72] RADMAND, REZA, US
[72] MOGHADAM, ALI, US
[73] ACHAEMENID, LLC,
[85] 2016-07-07
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[51] **Int.Cl. A47J 36/02 (2006.01)**
[25] EN
[54] **AUTOMATIC CONSTANT TEMPERATURE COOKWARE UTENSIL AND COMBINED STRUCTURE WITH ELECTRO-MAGNETIC HEATING DEVICE**
[54] **USTENSILE DE CUISSON A TEMPERATURE CONSTANTE AUTOMATIQUE ET STRUCTURE COMBINEE DOTEE D'UN DISPOSITIF CHAUFFANT ELECTROMAGNETIQUE**
[72] LIAO, ZHE, CN
[73] TIANYU IMPORT & EXPORT TRADING LTD.,
[86] (2938249)
[87] (2938249)
[22] 2016-08-04
[30] CN (201520612565.5) 2015-08-14
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[25] EN
[54] **USE OF POLYMERS AS HETEROGENEOUS HYDROGEN DONORS IN THE UPGRADING OF HEAVY AND EXTRA-HEAVY CRUDE OILS**
[54] **UTILISATION DE POLYMERES COMME DONNEURS D'HYDROGENE HETEROGENES POUR LA VALORISATION DE PETROLES BRUTS, LOURD ET EXTRALOURD**
[72] ALEMAN VAZQUEZ, LAURA OLIVIA, MX
[72] CANO DOMINGUEZ, JOSE LUIS, MX
[72] JIMENEZ CRUZ, FEDERICO, MX
[72] GARCIA GUTIERREZ, JOSE LUIS, MX
[72] HERNANDEZ PEREZ, FIDENCIO, MX
[72] MARES GALLARDO, MARIA TERESA, MX
[73] INSTITUTO MEXICANO DEL PETROLEO,
[86] (2938272)
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[25] EN
[54] **ROOT SPECIFIC EXPRESSION CONFERRED BY CHIMERIC GENE REGULATORY ELEMENTS**
[54] **EXPRESSION SPECIFIQUE DES RACINES CONFEREE PAR DES ELEMENTS REGULATEURS DE GENE CHIMERE**
[72] OWENS MERLO, PATRICIA ANN, US
[72] HAMPTON, RONNIE, JR., US
[72] LARSEN, CORY, US
[72] WOOSLEY, AARON, US
[73] DOW AGROSCIENCES LLC,
[85] 2016-08-08
[86] 2015-02-26 (PCT/US2015/017749)
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[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY EVALUATING AN ABSENCE EEG, COMPUTER PROGRAM AND EVALUATING DEVICE THEREFOR**
[54] **PROCEDE D'EVALUATION AUTOMATIQUE D'UN EEG DE DIAGNOSTIC D'ABSENCES, PROGRAMME INFORMATIQUE ET APPAREIL D'EVALUATION CORRESPONDANT**
[72] SCHULTZ, ARTHUR, DE
[73] SCHULTZ, ARTHUR,
[85] 2016-08-11
[86] 2015-01-27 (PCT/EP2015/051593)
[87] (WO2015/121059)
[30] DE (10 2014 101 814.1) 2014-02-13

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[51] **Int.Cl. B01J 20/30 (2006.01) B01J 20/02 (2006.01) B01J 20/20 (2006.01)**
[25] EN
[54] **SORBENT COMPOSITIONS HAVING AMORPHOUS HALOGEN SPECIES FOR THE SEQUESTRATION OF CONTAMINANTS**
[54] **COMPOSITIONS SORBANTES COMPORTANT DES ESPECES HALOGENES AMORPHES DESTINEES A LA SEQUESTRATION DE CONTAMINANTS**
[72] LI, MOWEN, US
[72] VIZCAINO, CHRISTOPHER, US
[72] LOWRING, JACOB B., US
[72] CAYTON, ROGER H., US
[73] ADA CARBON SOLUTIONS, LLC,
[86] (2939597)
[87] (2939597)
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[13] C
[51] **Int.Cl. A47J 31/46 (2006.01) F04B 17/00 (2006.01)**
[25] EN
[54] **MACHINE FOR PREPARING LIQUID PRODUCTS, IN PARTICULAR VIA CAPSULES**
[54] **MACHINE DE PREPARATION DE PRODUITS LIQUIDES, EN PARTICULIER PAR L'INTERMEDIAIRE DE CAPSULES**
[72] BOLOGNESE, DANILO, IT
[72] CABILLI, ALBERTO, IT
[72] ROTTA, DENIS, IT
[72] BUGNANO, LUCA, IT
[73] LUIGI LAVAZZA S.P.A.,
[85] 2016-08-12
[86] 2015-03-16 (PCT/IB2015/051899)
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[30] IT (TO2014A000227) 2014-03-19

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[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR THE PREPARATION OF A LIQUID FOOD PRODUCT VIA A BREWING MACHINE**
[54] **CAPSULE POUR LA PREPARATION D'UN PRODUIT ALIMENTAIRE LIQUIDE AU MOYEN D'UNE MACHINE D'INFUSION**
[72] CABILLI, ALBERTO, IT
[72] BUGNANO, LUCA, IT
[72] AUDINO, MASSIMO, IT
[73] LUIGI LAVAZZA S.P.A.,
[85] 2016-08-12
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[25] EN
[54] **MILL, MILLING MACHINE, AND BEVERAGE PREPARATION APPARATUS**
[54] **BROYEUR, MACHINE DE BROYAGE ET APPAREIL DE PRODUCTION DE BOISSON**
[72] SHIMA, HIDEKAZU, JP
[72] MISUMI, MASARU, JP
[72] MIEDA, KIMIKO, JP
[73] SHARP KABUSHIKI KAISHA,
[85] 2016-08-16
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[51] **Int.Cl. G01V 3/20 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD FOR CALCULATING ELECTROMAGNETIC FIELDS FROM A SOURCE THAT UTILIZES A CONDUCTING CASTING OF A BOREHOLE**
[54] **METHODE DE CALCUL DES CHAMPS MAGNETIQUES A PARTIR D'UNE SOURCE QUI UTILISE UN COULAGE CONDUCTEUR D'UN TROU DE FORAGE**
[72] MORRISON, H. FRANK, US
[72] SCHENKEL, CLIFFORD J., US
[72] HIBBS, ANDREW D., US
[73] GROUNDMETRICS, INC.,
[85] 2016-08-18
[86] 2015-02-20 (PCT/US2015/016831)
[87] (WO2015/127211)
[30] US (61/942,940) 2014-02-21

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[51] **Int.Cl. B60Q 1/42 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK MACHINE, WORK MACHINE, MANAGEMENT SYSTEM FOR WORK MACHINE, AND MANAGEMENT METHOD FOR WORK MACHINE**
[54] **SYSTEME DE CONTROLE D'UNE MACHINE DE TRAVAIL, MACHINE DE TRAVAIL, SYSTEME DE GESTION DE MACHINE DE TRAVAIL ET METHODE DE GESTION DE MACHINE DE TRAVAIL**
[72] OGIHARA, MASANORI, JP
[72] NISHIJIMA, AKIHARU, JP
[73] KOMATSU LTD.,
[85] 2016-08-30
[86] 2015-12-18 (PCT/JP2015/085544)
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[25] EN
[54] **ADJUSTABLE HINGE FOR VERTICALLY HANGING PANEL**
[54] **CHARNIERE AJUSTABLE DESTINEE A UN PANNEAU SUSPENDU VERTICALEMENT**
[72] MCINNIS, JAMES, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC,
[86] (2941596)
[87] (2941596)
[22] 2016-09-09
[30] US (15/259,111) 2016-09-08
[30] US (62/216,648) 2015-09-10

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[51] **Int.Cl. E05D 13/00 (2006.01)**
[25] EN
[54] **SIDE-LOAD, CONSTANT FORCE WINDOW AND WINDOW BALANCE ASSEMBLY**
[54] **FENETRE A FORCE CONSTANTE ET CHARGEMENT LATERAL ET ASSEMBLAGE D'EQUILIBRAGE DE FENETRE**
[72] DENORMAND, RICHARD S., US
[72] SOFIANEK, JAY, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC,
[86] (2941847)
[87] (2941847)
[22] 2016-09-13
[30] US (62/218,201) 2015-09-14
[30] US (15/257,183) 2016-09-06

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[51] **Int.Cl. G08G 1/16 (2006.01)**
[25] EN
[54] **ROAD SHOULDER-DETECTING SYSTEM AND TRANSPORTATION VEHICLE FOR MINING**
[54] **SYSTEME DE DETECTION D'ACCOTEMENT DE ROUTE ET VEHICULE DE TRANSPORT POUR EXPLOITATION MINIERE**
[72] ONO, YUKIHIKO, JP
[72] WATANABE, ATSUSHI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[72] FUJITA, KOJI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD.,
[85] 2016-09-08
[86] 2015-03-04 (PCT/JP2015/056381)
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[30] JP (2014-093076) 2014-04-28

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[51] **Int.Cl. B26D 5/08 (2006.01) B26D 5/12 (2006.01) B26D 7/08 (2006.01)**
[25] EN
[54] **DEVICE WITH A BLADE FOR PROCESSING A PRODUCT**
[54] **APPAREIL EQUIPE D'UNE LAME SERVANT AU TRAITEMENT D'UN PRODUIT**
[72] CARRASCO, CESAR, CH
[73] A O SCHALLINOX GMBH,
[85] 2016-09-09
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[54] **MONITORING AND TREATMENT DOSAGE PREDICTION SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET PREDICTION DE DOSE DE MEDICAMENT**
[72] HOGLUND, JONAS, SE
[72] JOHANSSON, HENRIK, SE
[72] MBANEFO, PRIMROSE, GB
[72] O'KANE, MATTHEW, GB
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED,
[86] (2942251)
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[54] **DETERMINING ALTERNATIVE DELIVERY DESTINATIONS**
[54] **DETERMINATION DE DESTINATIONS DE LIVRAISON ALTERNATIVES**
[72] SAGER, JEFFREY CARL, US
[72] GENSBURG, WILLIAM, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC.,
[85] 2016-09-09
[86] 2015-03-09 (PCT/US2015/019475)
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[54] **SOLENOIDE INTELLIGENT**
[72] PHILLIPS, DAVID, US
[72] GUZOREK, RICHARD, US
[73] FLEXTRONICS AP, LLC,
[85] 2016-09-19
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[25] EN
[54] **HOT-STAMPED STEEL**
[54] **ACIER ETAMPE A CHAUD**
[72] SENGOKU, AKIHIRO, JP
[72] TAKEBAYASHI, HIROSHI, JP
[73] NIPPON STEEL CORPORATION,
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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/44 (2006.01) A61K 8/67 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS HAVING REDUCED IRRITATION**
[54] **COMPOSITIONS COSMETIQUES PRODUISANT MOINS D'IRRITATION**
[72] DAS, SOURAV, US
[72] YOSHIMI, NAOHISA, SG
[72] TANAKA, SHUHEI, SG
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2016-09-27
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[51] **Int.Cl. E05B 47/06 (2006.01)**
[25] EN
[54] **SWING BOLT LOCK MECHANISM FOR PREVENTING PREMATURE STATUS SWITCH ENABLING**
[54] **MECANISME DE VERROUILLAGE A BOULON A CHARNIERE CONCU POUR EMPECHER L'ACTIVATION PREMATUREE D'UN COMMUTATEUR D'ETAT**
[72] AKER, ROSS, US
[73] DORMAKABA USA INC.,
[85] 2016-09-30
[86] 2013-04-03 (PCT/US2013/035130)
[87] (WO2014/163630)

[11] **2,945,372**
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[51] **Int.Cl. H02K 51/00 (2006.01)**
[25] EN
[54] **SELF-ALIGNMENT PROTECTION DEVICE FOR PERMANENT-MAGNET COUPLING**
[54] **DISPOSITIF DE PROTECTION D'AUTO-ALIGNEMENT DESTINE AU COUPLAGE D'AIMANT PERMANENT**
[72] XU, JUNFENG, CN
[72] QI, FUXING, CN
[73] JIANGSU MAGNET VALLEY TECHNOLOGIES CO., LTD.,
[85] 2016-10-11
[86] 2015-02-05 (PCT/CN2015/072309)
[87] (WO2015/176559)
[30] CN (201410215313.9) 2014-05-21

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[13] C
[51] **Int.Cl. B01D 39/14 (2006.01) B01D 35/02 (2006.01)**
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[54] **FILTER MEDIUM AND STRUCTURE**
[54] **MILIEU FILTRE ET STRUCTURE DE FILTRE**
[72] DEMA, KEH B., US
[72] ISRAEL, JOE, US
[72] JONES, DEREK O., US
[72] KAHLBAUGH, BRAD E., US
[72] LAVALLE, GREGORY L., US
[72] MADDEN, MICHAEL A., US
[72] OLSON, LINDA M., US
[72] YANG, CHUANFANG, US
[72] ROGERS, ROBERT M., US
[72] KOJETIN, PAUL L., US
[73] DONALDSON COMPANY, INC.,
[86] (2945592)
[87] (2945592)
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[51] **Int.Cl. E04B 9/26 (2006.01) E04B 9/06 (2006.01)**
[25] EN
[54] **CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND**
[72] HOLDRIDGE, DANIEL M., US
[73] AWI LICENSING LLC,
[85] 2016-10-19
[86] 2015-04-23 (PCT/US2015/027269)
[87] (WO2015/167921)
[30] US (14/264,868) 2014-04-29

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[13] C
[51] **Int.Cl. G07C 13/00 (2006.01) G06Q 50/26 (2012.01) G06F 21/00 (2013.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
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[54] **SYSTEM AND METHOD FOR SECURE VOTING**
[54] **SYSTEME ET PROCEDE POUR UN VOTE SECURISE**
[72] BACKERT, ALISA JONES, US
[72] BACKERT, CHRISTOPHER CHARLES, US
[72] DAHL, CHRISTOPHER CHARLES, US
[73] ELECTION-EUROPE,
[86] (2947086)
[87] (2947086)
[22] 2008-12-31
[62] 2,711,243
[30] US (61/006,301) 2008-01-04
[30] US (12/318,492) 2008-12-30

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[51] **Int.Cl. B41J 3/46 (2006.01) G06Q 30/06 (2012.01) G06F 3/0484 (2013.01) G06F 3/0488 (2013.01) H04W 4/30 (2018.01) G03B 13/02 (2006.01) G06F 3/12 (2006.01) G06T 3/00 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **TRANSFER OF MOBILE DEVICE CAMERA IMAGE TO AN IMAGE-SUPPORTING SURFACE**
[54] **TRANSFERT D'IMAGE D'APPAREIL PHOTO DE DISPOSITIF MOBILE SUR UNE SURFACE DE SUPPORT D'IMAGE**
[72] KRILIVSKY, MICHAEL, US
[73] RAGEON, INC.,
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028292)
[87] (WO2015/168285)
[30] US (61/987,242) 2014-05-01

[11] **2,947,426**
[13] C
[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **MULTIPLEXED SINGLE CELL GENE EXPRESSION ANALYSIS USING TEMPLATE SWITCH AND TAGMENTATION**
[54] **ANALYSE DE L'EXPRESSION DE GENES DE CELLULES ISOLEES MULTIPLEXEES PAR COMMUTATION DE MATRICE ET FRAGMENTATION ET ETIQUETAGE (TAGMENTATION)**
[72] KAPER, FIONA, US
[72] FAN, JIAN-BING, US
[72] SALATHIA, NEERAJ, US
[72] CANN, GORDON M., US
[72] JAMSHIDI, ARASH, US
[72] ARAVANIS, ALEX, US
[73] ILLUMINA, INC.,
[85] 2016-10-28
[86] 2015-04-28 (PCT/US2015/028062)
[87] (WO2015/168161)
[30] US (61/985,983) 2014-04-29
[30] US (61/987,433) 2014-05-01

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[13] C
[51] **Int.Cl. F17C 13/02 (2006.01) F17C 5/06 (2006.01)**
[25] EN
[54] **FUEL GAS FILLING SYSTEM AND FUEL GAS FILLING METHOD**
[54] **SYSTEME DE RAVITAILLEMENT EN GAZ COMBUSTIBLE ET PROCEDE DE RAVITAILLEMENT EN GAZ COMBUSTIBLE**
[72] UCHIDA, HIROSHI, JP
[72] YOSHINAGA, TOMOFUMI, JP
[73] NISSAN MOTOR CO., LTD.,
[85] 2016-11-07
[86] 2015-04-30 (PCT/JP2015/063031)
[87] (WO2015/170670)
[30] JP (2014-096383) 2014-05-07

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[13] C
[51] **Int.Cl. B02C 4/28 (2006.01)**
[25] EN
[54] **GRANULES, TABLETS AND GRANULATION**
[54] **GRANULES, COMPRIMES ET GRANULATION**
[72] POLITI, GIOVANNI, FI
[72] HEILAKKA, ERKKI, FI
[73] ATACAMA LABS OY,
[86] (2949095)
[87] (2949095)
[22] 2007-11-05
[62] 2,668,647
[30] FI (20060990) 2006-11-10
[30] FI (20061146) 2006-12-21
[30] FI (20070521) 2007-07-02

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[51] **Int.Cl. G06F 8/30 (2018.01)**
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[54] **TABULAR FORMAT TRANSACTION EDITOR**
[54] **EDITEUR DE TRANSACTIONS AU FORMAT TABULAIRE**
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[72] WISE, JOHN W., US
[73] INVESTCLOUD INC,
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[54] **PRESS-FIT BEARING LOCKING SYSTEM, APPARATUS AND METHOD**
[54] **SYSTEME DE BLOCAGE DE ROULEMENT A AJUSTEMENT SERRE, APPAREIL ET METHODE**
[72] NOWITZKI, WESLEY JOHN, US
[72] ROBERTS, RANDY S., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
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[54] **LINEAR MODE COMPUTATIONAL SENSING LADAR**
[54] **LIDAR DE DETECTION DE CALCUL EN MODE LINEAIRE**
[72] FLUCKIGER, DAVID U., US
[73] RAYTHEON COMPANY,
[85] 2016-11-30
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[54] **ASSISTANT PERSONNALISE POUR L'ALIMENTATION ET LE BIEN-ETRE**
[72] OLIVIER, LAURENCE RICHARD, US
[73] LIFEQ GLOBAL LIMITED,
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[54] **CABLE DE DONNEES POUR TRANSMISSIONS DE DONNEES A HAUT DEBIT**
[72] JANSSEN, BERND, DE
[72] DETTMER, MELANIE, DE
[73] LEONI KABEL GMBH,
[85] 2017-01-03
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[54] **LOCKING MECHANISM FOR A TANK BODY AND A TANK COVER OF A PRESSURE TANK**
[54] **MECANISME DE VERROUILLAGE DESTINE A UN CORPS DE RESERVOIR ET UN COUVERCLE DE RESERVOIR DE RESERVOIR SOUS PRESSION**
[72] ZHENG, YUEPENG, CN
[72] ZUO, YUE, CN
[72] BAI, RIZHOU, CN
[72] ZHANG, SIJIN, CN
[72] YAN, CHENGQUN, CN
[72] DU, ZHONGXIAN, CN
[72] SUN, JIANFEI, CN
[72] CAO, FUYANG, CN
[72] YANG, DONGYE, CN
[73] AMSTED RAIL COMPANY, INC.,
[86] (2954122)
[87] (2954122)
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[30] CN (201620028485.X) 2016-01-10

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[54] **FUSED QUINOLINE COMPOUNDS AS PI3K, MTOR INHIBITORS**
[54] **COMPOSES DE QUINOLEINE FUSIONNES UTILISES COMME INHIBITEURS DE LA VOIE DE SIGNALISATION PI3K/MTOR**
[72] CHEN, GUOQING PAUL, US
[72] YAN, CHANGREN, US
[72] REALE, MICHAEL, US
[72] CHEN, MONICA, US
[73] ADVENCHEN PHARMACEUTICALS, NANJING LTD.,
[85] 2017-01-12
[86] 2015-07-11 (PCT/US2015/040076)
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[54] **FLOWPATH ASSEMBLY FOR A GAS TURBINE ENGINE**
[54] **ASSEMBLAGE DE PARCOURS D'ECOULEMENT DESTINE A UNE TURBINE A GAZ**
[72] CORSMEIER, DONALD MICHAEL, US
[72] FARRAR, BRYAN HARRIS, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2955538)
[87] (2955538)
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[54] **REDUNDANT ACTUATION LOCK DECOUPLING SYSTEM AND METHODS OF USE**
[54] **MECANISME DE DEGAGEMENT DE VERROU A ACTIONNEMENT REDONDANT ET METHODES D'UTILISATION**
[72] REESE, BRIAN TODD, US
[72] MAYER, CODY LYLE, US
[73] TRANSFORM SR BRANDS, LLC,
[86] (2955963)
[87] (2955963)
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[54] **SYNTHETIC TRITERPENOIDS AND METHODS OF USE IN THE TREATMENT OF DISEASE**
[54] **TRITERPENOIDES SYNTHETIQUES ET PROCEDES D'UTILISATION DANS LE TRAITEMENT DE MALADIES**
[72] SPORN, MICHAEL, US
[72] LIBY, KAREN, US
[72] GRIBBLE, GORDON W., US
[72] HONDA, TADASHI, US
[72] KRAL, ROBERT M., US
[72] MEYER, COLIN J., US
[73] REATA PHARMACEUTICALS, INC.,
[73] TRUSTEES OF DARTMOUTH COLLEGE,
[86] (2955987)
[87] (2955987)
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[54] **PACKAGES CONTAINING A FOOD PRODUCT AND METHODS OF OPENING**
[54] **EMBALLAGES CONTENANT UN PRODUIT ALIMENTAIRE ET PROCEDES D'OUVERTURE**
[72] HALL, ISABEL, US
[72] BURNS, JUSTIN, US
[72] KANSBURG, MARK, US
[72] SOSNOWSKI, ROBERT, US
[73] INTERCONTINENTAL GREAT BRANDS LLC,
[85] 2017-01-25
[86] 2015-10-07 (PCT/US2015/054415)
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[30] US (62/062,080) 2014-10-09

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[25] EN
[54] **TURN DOWN RATIO (TDR) DAMPER**
[54] **ATTENUATEUR DE DIFFERENTIEL DE DEBIT**
[72] CHO, SUNG TAE, KR
[72] CHO, CHUL HEE, KR
[73] DAESUNG CELTIC ENERSYS CO., LTD.,
[86] (2956488)
[87] (2956488)
[22] 2017-01-26
[30] KR (10-2016-0012734) 2016-02-02

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[25] EN
[54] **METHOD FOR INSTALLING A ROTOR BLADE ON A WIND TURBINE**
[54] **PROCEDE PERMETTANT D'INSTALLER UNE PALE DE ROTOR SUR UNE EOLIENNE**
[72] CONERS, ROLF, DE
[72] LAODA, FIONA, DE
[73] WOBBEN PROPERTIES GMBH,
[85] 2017-01-31
[86] 2015-08-03 (PCT/EP2015/067843)
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[25] EN
[54] **APPARATUS FOR INSERTING A HOSE COUPLING INTO A HOSE**
[54] **APPAREIL PERMETTANT D'INSERER UN RACCORD DE TUYAU DANS UN TUYAU**
[72] SHIPMAN, DUANE G., US
[73] SHIPMAN, DUANE G.,
[85] 2017-02-06
[86] 2014-08-01 (PCT/US2014/049414)
[87] (WO2015/020901)
[30] US (13/960,516) 2013-08-06

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[25] EN
[54] **VACUUM CLEANER**
[54] **APPAREIL DE NETTOYAGE ELECTRIQUE**
[72] WATANABE, KOTA, JP
[72] IZAWA, HIROKAZU, JP
[72] FURUTA, KAZUHIRO, JP
[72] MARUTANI, YUUKI, JP
[72] TAKAHASHI, YUKI, JP
[73] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION,
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[86] 2015-08-21 (PCT/JP2015/073512)
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[25] EN
[54] **DEWATERING THICK FINE TAILINGS USING DILUTION AND NEAR INFRARED MONITORING TECHNIQUES**
[54] **DESHYDRATATION DE RESIDUS DE BOUE FINS AU MOYEN DE LA DILUTION ET TECHNIQUES DE SURVEILLANCE EN PROCHE INFRAROUGE**
[72] BUGG, TREVOR, CA
[72] FENG, ENBO, CA
[72] KADALI, RAMESH, CA
[72] ADAMS, BRYAN, CA
[72] GORANSON, MARC, CA
[72] PRATHAP, NAVEEN, CA
[72] REVINGTON, ADRIAN, CA
[72] MITTAL, KUSHAGRA, CA
[72] MOYLS, BENITO, CA
[72] DIEP, JOHN, CA
[73] SUNCOR ENERGY INC.,
[86] (2959035)
[87] (2959035)
[22] 2017-02-24

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[51] **Int.Cl. C07H 17/04 (2006.01) A23L 33/10 (2016.01) A23L 33/125 (2016.01) A61K 31/7048 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 37/08 (2006.01) C12P 19/60 (2006.01)**
[25] EN
[54] **A COMPOUND (KS 513) ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM, THE COMPOSITION COMPRISING THE SAME AS AN ACTIVE INGREDIENT FOR PREVENTING OR TREATING ALLERGY DISEASE, INFLAMMATORY DISEASE, ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND THE USE THEREOF**
[54] **UN COMPOSE (KS 513) ISOLE DE PSEUDOLYSIMACHION ROTUNDUM VAR. SUBIMTEGRUM, LA COMPOSITION RENFERMANT LEDIT COMPOSE COMME UN INGREDIENTACTIF POUR LA PREVENTION OU TRAITEMENT DE TROUBLE ALLERGIQUE, MALADIE INFLAMATOIRE, ASTHME OU MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE ET SON UTILISATION**
[72] LEE, YONGNAM, KR
[72] YOO, JI-SEOK, KR
[72] SHIN, DAE-HEE, KR
[72] RYOO, BYUNG-HWAN, KR
[72] OH, SEI-RYANG, KR
[72] AHN, KYUNG-SEOP, KR
[72] LEE, HYEONGKYU, KR
[72] LEE, SU UI, KR
[72] SONG, HYUK-HWAN, KR
[72] RYU, HYUNG WON, KR
[73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY,
[73] YUNGJIN PHARMACEUTICAL CO., LTD.,
[85] 2017-01-05
[86] 2016-06-15 (PCT/KR2016/006318)
[87] (WO2016/204493)
[30] KR (10-2015-0085752) 2015-06-17

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[51] **Int.Cl. C10L 10/04 (2006.01) C10L 1/26 (2006.01) C10L 1/30 (2006.01) C10L 10/10 (2006.01)**
[25] EN
[54] **AVIATION FUEL ADDITIVE SCAVENGER**
[54] **PIEGEUR D'ADDITIF DE CARBURANT D'AVIATION**
[72] MCAFEE, ZACHARY JOHN, US
[72] CALDERONE, JOSEPH ANTHONY, III, US
[73] AFTON CHEMICAL CORPORATION,
[86] (2959885)
[87] (2959885)
[22] 2017-03-03
[30] US (15/083,890) 2016-03-29

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[51] **Int.Cl. A01D 44/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR HARVESTING PLANKTON AND OTHER BIOMASS FROM A DEAD ZONE**
[54] **APPAREIL ET PROCEDE DE RECOLTE DE PLANCTON ET D'AUTRE BIOMASSE A PARTIR D'UNE ZONE MORTE**
[72] BECKER, WILLIAM R., US
[73] BECKER, WILLIAM R.,
[85] 2017-03-02
[86] 2015-11-20 (PCT/US2015/061822)
[87] (WO2016/085802)
[30] US (14/551,561) 2014-11-24

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[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **CHARGING CIRCUIT AND MOBILE TERMINAL**
[54] **CIRCUIT DE CHARGE ET TERMINAL MOBILE**
[72] ZHANG, JIALIANG, CN
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.,
[85] 2017-03-07
[86] 2015-06-01 (PCT/CN2015/080490)
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[25] EN
[54] **ADJUSTABLE LADDER RACK**
[54] **SUPPORT D'ECHELLE AJUSTABLE**
[72] LACHANCE, YAN, CA
[72] AUDET, GUILLAUME, CA
[72] DONAIS, SEBASTIEN, CA
[73] TECHNO-FAB 9000 INC.,
[86] (2961044)
[87] (2961044)
[22] 2017-03-13
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[51] **Int.Cl. C09K 8/532 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INHIBITING SULFIDE STRESS CRACKING**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'INHIBER UNE CORROSION FISSURANTE PROVOQUEE PAR L'HYDROGENE SULFURE**
[72] CHEN, GONG, US
[72] CASSIDY, JUANITA M., US
[72] LANE, JIM L., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-03-13
[86] 2014-10-16 (PCT/US2014/060802)
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[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **AN INTERFACE AND A METHOD OF SUPPLYING BREATHING GAS**
[54] **UNE INTERFACE ET UNE METHODE D'APPROVISIONNEMENT EN GAZ RESPIRATOIRE**
[72] TATKOV, STANISLAV, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED,
[86] (2962659)
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[54] **PORTABLE AND MODULAR PRODUCTION ELECTROPLATING SYSTEM**
[54] **SYSTEME D'ELECTROPLACAGE DE PRODUCTION MODULAIRE ET PORTATIF**
[72] TABOR, KRAIG A., US
[72] KASSOUF, THOMAS L., US
[72] GUEDES, RICARDO M., US
[72] FORMELLA, GREG P., US
[72] BIRSCHBACH, ALAN J., US
[72] EISCH, PETER W., US
[72] DILLON, GARRY L., US
[72] KASCHAK, CHAD J., US
[72] GENTILE, MICHAEL G., US
[73] SNAP-ON INCORPORATED,
[86] (2963101)
[87] (2963101)
[22] 2017-04-03
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[54] **RESERVOIR WITH HANDLE**
[54] **RESERVOIR MUNI D'UNE POIGNEE**
[72] DONG, YALONG, CN
[72] CAO, JIANJUN, CN
[72] ZHANG, XUDONG, CN
[72] GU, ZHIGANG, CN
[73] ELECTROLUX (HANGZHOU) HOME APPLIANCES CO., LTD.,
[85] 2017-04-10
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[25] EN
[54] **ARTICLES CONTAINING CARBON COMPOSITES AND METHODS OF MANUFACTURE**
[54] **ARTICLES CONTENANT DES COMPOSITES DE CARBONE ET PROCEDES DE FABRICATION**
[72] XU, ZHIYUE, US
[72] ZHAO, LEI, US
[73] BAKER HUGHES INCORPORATED,
[85] 2017-04-10
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[51] **Int.Cl. B65G 15/60 (2006.01) B65G 23/04 (2006.01)**
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[54] **IDLER WHEEL FRAME WITH FRAME ADJUSTMENT MECHANISM**
[54] **CADRE DE ROUE FOLLE A MECANISME D'AJUSTEMENT DE CADRE**
[72] MATTILA, GREG, US
[73] TRANSCO INDUSTRIES, INC.,
[86] (2964984)
[87] (2964984)
[22] 2017-04-20
[30] US (62/325,886) 2016-04-21
[30] US (62/460,600) 2017-02-17
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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/00 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **DRILLING ASSEMBLY HAVING A TILTED OR OFFSET DRIVESHAFT**
[54] **ENSEMBLE DE FORAGE A ARBRE D'ENTRAINEMENT INCLINE OU DECALE**
[72] JONES, STEPHEN, US
[72] SAVAGE, JOHN KEITH, CA
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-04-20
[86] 2014-12-29 (PCT/US2014/072516)
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[25] EN
[54] **FRICTION BASED THREAD LOCK FOR HIGH TORQUE CARRYING CONNECTIONS**
[54] **FREIN-FILET A FRICTION POUR RACCORDEMENTS SUPPORTANT UN COUPLE ELEVE**
[72] D'SILVA, ALBEN, CA
[72] ROY CHOUDHURY, NEIL, CA
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-04-20
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[51] **Int.Cl. A61M 1/00 (2006.01)**
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[54] **SUCTION DEVICE FOR SURGICAL INSTRUMENTS**
[54] **DISPOSITIF D'ASPIRATION POUR INSTRUMENTS CHIRURGICAUX**
[72] MINSKOFF, NOAH MARK, US
[72] JACKSON, JAMES, CA
[72] LEEFLANG, ELISABETH JACQUES, US
[73] CONMED CORPORATION,
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057241)
[87] (WO2016/065336)
[30] US (62/068,156) 2014-10-24
[30] US (62/243,422) 2015-10-19

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[25] EN
[54] **TRANSACTIONAL GRAPH-BASED COMPUTATION WITH ERROR HANDLING**
[54] **CALCUL A BASE DE GRAPHE TRANSACTIONNEL AVEC MANIPULATION D'ERREUR**
[72] STANFILL, CRAIG W., US
[72] WHOLEY, JOSEPH SKEFFINGTON, III, US
[73] AB INITIO TECHNOLOGY LLC,
[86] (2965896)
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[51] **Int.Cl. A01N 1/02 (2006.01) A61D 19/02 (2006.01)**
[25] FR
[54] **BAG FOR PACKAGING DILUTED ANIMAL SEMEN SUITABLE FOR ARTIFICIAL INSEMINATION, IN PARTICULAR OF PORCINE SPECIES; AND SYSTEM COMPRISING SAME**
[54] **SACHET DE CONDITIONNEMENT DE SEMENCE ANIMALE DILUEE CONVENANT POUR L'INSEMINATION ARTIFICIELLE, EN PARTICULIER DES ESPECES PORCINES; ET SYSTEME LE COMPORTANT**
[72] SCHMITT, ERIC, FR
[72] GORGES, JEAN-CHARLES, FR
[73] IMV TECHNOLOGIES,
[85] 2017-05-01
[86] 2015-11-03 (PCT/FR2015/052950)
[87] (WO2016/071618)
[30] FR (1460647) 2014-11-04

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[13] C
[51] **Int.Cl. E04H 4/06 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **LIFT ASSEMBLY AND SPA INCLUDING THE SAME**
[54] **ENSEMBLE DE LEVAGE ET CUVE D'HYDROMASSAGE LE COMPRENANT**
[72] CUNERTY, JOHN JOSEPH, CA
[72] COMEAU, GARY MARK, CA
[73] 1140398 ONTARIO LTD.,
[85] 2017-05-03
[86] 2015-11-03 (PCT/CA2015/051126)
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[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF DE COMMUNICATION ET SYSTEME DE COMMUNICATION**
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[73] HUAWEI TECHNOLOGIES CO., LTD.,
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[54] **MATERIAU DE PILE A COMBUSTIBLE A OXYDE SOLIDE**
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[72] SHIN, FELIX, GB
[72] ROSSEINSKY, MATTHEW, GB
[72] CLARIDGE, JOHN, GB
[73] CERES INTELLECTUAL PROPERTY COMPANY LIMITED,
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[54] **METHOD FOR PRODUCING COMPOSITE BODY OF LITHIUM TITANATE PARTICLES AND CARBONACEOUS MATERIAL, AND COMPOSITE BODY OF LITHIUM TITANATE PARTICLES AND CARBONACEOUS MATERIAL**
[54] **PROCEDE DE PRODUCTION DE CORPS COMPOSITE DE PARTICULES DE TITANATE DE LITHIUM ET D'UN MATERIAU CARBONE, ET CORPS COMPOSITE DE PARTICULES DE TITANATE DE LITHIUM ET D'UN MATERIAU CARBONE**
[72] IUCHI, HIROTOSHI, JP
[72] NAKAGAWA, TAIJI, JP
[73] OTSUKA CHEMICAL CO., LTD.,
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[54] **CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL DE CONTROLE DE MOTEUR A COMBUSTION INTERNE**
[72] TSUKAMOTO, SHOTA, JP
[72] SUZUKI, KOTARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
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[54] **ELECTRODES A MEMBRANE HETEROGENE**
[72] LAUKS, IMANTS, CA
[72] VARLAN, ANCA, CA
[72] OUSSOVA, ALEXANDRA, CA
[72] BALES, MICHAEL, CA
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC.,
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[54] **RECIPROCATING PUMP WITH DUAL CIRCUIT POWER END LUBRICATION SYSTEM**
[54] **POMPE A VA-ET-VIENT AVEC SYSTEME DE LUBRIFICATION D'EXTREMITE DE PUISSANCE A DOUBLE CIRCUIT**
[72] BYRNE, JOSEPH H., US
[72] KOTAPISH, EDWARD C., US
[72] SKURDALSVOLD, SCOTT, US
[72] BAYYOUK, JACOB A., US
[72] WAWERU, LAWRENCE, US
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[54] **METHOD AND APPARATUS FOR CONSTRUCTING PUNCTURED POLAR CODE**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ELABORER UN CODE POLAIRE POINCONNE**
[72] SHEN, HUI, CN
[72] LI, BIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD.,
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[54] **DETERMINATION DE LA CONCENTRATION DANS UNE COUCHE BARRIERE DE DIFFUSION**
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[73] ASCENSIA DIABETES CARE HOLDINGS AG,
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[54] **CRAYON CARVING DEVICE**
[54] **DISPOSITIF DE SCULPTURE DE CRAYON**
[72] MOLL, JOSEPH THOMAS, US
[72] HENRY, ROBERT J., US
[72] HO, Y. K., US
[72] NUNGESTER, GREGORY RONALD, US
[73] CRAYOLA, LLC,
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[54] **SYSTEM AND METHOD FOR PRODUCING HIGH-PURITY VANADIUM TETRAOXIDE POWDER**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE POUDRE DE TETRAOXYDE DE VANADIUM DE HAUTE PURETE**
[72] ZHU, QINGSHAN, CN
[72] FAN, CHUANLIN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[73] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES,
[73] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD.,
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[54] **BRULEUR MODULANT**
[72] SMELCER, JIM C., US
[73] A.O. SMITH CORPORATION,
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[54] **SUBSTRATES AND OPTICAL SYSTEMS AND METHODS OF USE THEREOF**
[54] **SUBSTRATS ET SYSTEMES OPTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] ZHONG, CHENG FRANK, US
[72] LUNDQUIST, PAUL, US
[72] FOQUET, MATHIEU, US
[72] KORLACH, JONAS, US
[72] BAYANDORIAN, HOVIG, US
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[54] **AQUEOUS DISPERSIONS CONTAINING MULTISTAGE PRODUCED POLYMERS AND COATING AGENT COMPOSITIONS CONTAINING THE SAME**
[54] **DISPERSIONS AQUEUSES CONTENANT DES POLYMERISATS FABRIQUES EN PLUSIEURS ETAPES ET COMPOSITIONS D'AGENTS DE REVETEMENT CONTENANT CES DISPERSIONS**
[72] CORTEN, CATHRIN, DE
[72] EIERHOFF, DIRK, DE
[72] SCHNIEDERS, BRITTA, DE
[72] FREITAG, NICOLE, DE
[72] GRUMPE, HEINZ-ULRICH, DE
[72] WESSLING, ELISABETH, DE
[72] SCHWARZ, JOERG, DE
[72] VIENENKOTTER, MECHTHILD, DE
[72] WILM, PATRICK, DE
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[54] **MESH REINFORCEMENT FOR METAL-MATRIX COMPOSITE TOOLS**
[54] **RENFORCEMENT EN TREILLIS DESTINE A DES OUTILS COMPOSITES A MATRICE METALLIQUE**
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] COOK, GRANT O., III, US
[72] OLSEN, GARRETT T., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
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[25] EN
[54] **CUTTING DEVICE AND CUTTING METHOD**
[54] **DISPOSITIF DE COUPE ET D'USINAGE ET PROCEDE DE COUPE ET D'USINAGE**
[72] NISHIMURA, RYUICHI, JP
[72] ITO, YASUHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL CORPORATION,
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING FAULTS AND/OR FOR PROVIDING OPTIMIZATION MEASURES TO ENHANCE THE PERFORMANCE OF ONE OR MORE BUILDINGS**
[54] **SYSTEME ET METHODE DE DETECTION DE DEFAILLANCE ET DE FOURNITURE DE MESURES D'OPTIMISATION EN VUE D'AMELIORER LE RENDEMENT D'UN OU DE PLUSIEURS BATIMENTS**
[72] GARTNER, ROBERT, CH
[72] COHEN, HENRIK, DK
[73] SIEMENS SCHWEIZ AG,
[86] (2975039)
[87] (2975039)
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[54] **SOLAR AND WIND ENERGY COLLECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COLLECTE D'ENERGIE SOLAIRE ET D'ENERGIE EOLIENNE**
[72] LAVIGNE-OTTMAN, DAWN, US
[73] LAVIGNE-OTTMAN, DAWN,
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[54] **SPORTS TRAINING APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT SPORTIF**
[72] KAYE, CHRISTOPHER J., US
[73] KAYE, CHRISTOPHER J.,
[86] (2975137)
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[54] **FUEL COMPOSITION COMPRISING HUMINS**
[54] **COMPOSITION DE CARBURANT COMPRENANT DES HUMINES**
[72] DE JONG, EDSERD, NL
[72] VAN DER WAAL, JAN CORNELIS, NL
[72] BOOT, MICHAEL DIRK, NL
[73] AVANTIUM KNOWLEDGE CENTRE B.V.,
[73] PROGRESSION-INDUSTRY B.V.,
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[72] MOTADEL, ARTA, US
[72] HAIRFIELD, PHILLIP CHAD, US
[72] BLASZCAK, PETER PAUL, US
[73] BIOTIX, INC.,
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[54] **TRANSMISSION OF SYSTEM INFORMATION ON A DOWNLINK SHARED CHANNEL**
[54] **TRANSMISSION D'INFORMATION SYSTEME SUR UN CANAL PARTAGE DESCENDANT**
[72] DAHLMAN, ERIK, SE
[72] VUKAJLOVIC KENEHAN, VERA, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL),
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[25] EN
[54] **SUPPORT MATERIAL COMPRISING POLYVINYLALCOHOL AND ITS USE IN XEROGRAPHIC ADDITIVE MANUFACTURING**
[54] **MATERIAU DE SUPPORT RENFERMANT DE L'ALCOOL POLYVINYLIQUE ET SON UTILISATION DANS LA FABRICATION D'ADDITIF XEROGRAPHIQUE**
[72] SAMBHY, VARUN, US
[72] FACCI, JOHN S., US
[72] ROBLES-FLORES, ELIUD, US
[72] DERLETH, DAVID S., US
[72] CRAIG, DAVID C., US
[73] XEROX CORPORATION,
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[54] **PROCEDE DE BORDAGE**
[72] ISOGAI, EIJI, JP
[72] MIKAZUKI, YUTAKA, JP
[72] OKAMOTO, RIKI, JP
[73] NIPPON STEEL CORPORATION,
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[25] EN
[54] **PARITY PUNCTURING DEVICE FOR FIXED-LENGTH SIGNALING INFORMATION ENCODING, AND PARITY PUNCTURING METHOD USING SAME**
[54] **DISPOSITIF DE PERFORATION DE PARITE POUR LE CODAGE D'INFORMATIONS DE SIGNALISATION DE LONGUEUR FIXE ET PROCEDE DE PERFORATION DE PARITE FAISANT APPEL A CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE,
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[25] EN
[54] **PARITY PUNCTURING DEVICE FOR VARIABLE-LENGTH SIGNALING INFORMATION ENCODING, AND PARITY PUNCTURING METHOD USING SAME**
[54] **DISPOSITIF DE PERFORATION DE PARITE POUR CODAGE D'INFORMATIONS DE SIGNALISATION DE LONGUEUR VARIABLE, ET PROCEDE DE PERFORATION DE PARITE L'UTILISANT**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
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[54] **TRANSFORMER AND METHOD FOR RETROFITTING THE TRANSFORMER**
[54] **TRANSFORMATEUR ET METHODE DE REMISE EN ETAT DU TRANSFORMATEUR**
[72] SCHRAMMEL, ALFONS-KARL, AT
[73] SIEMENS AKTIENGESELLSCHAFT,
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[72] FISER, JAKOB D., US
[73] LOMANCO, INC.,
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[87] (2979248)
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[25] EN
[54] **SYSTEM AND METHOD FOR HEAT TREATING ALUMINUM ALLOY CASTINGS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT THERMIQUE DE PIECES COULEES EN ALLIAGE D'ALUMINIUM**
[72] CRAFTON, SCOTT P., US
[72] SUBRAMANIAM, SHANKER, US
[72] FAUTEUX, PAUL, US
[73] CONSOLIDATED ENGINEERING COMPANY, INC.,
[85] 2017-09-12
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[54] **SOUFFLEUSE A FEUILLES PORTABLE**
[72] COOPER, BRUCE MATTHEW T., CA
[72] WOLF, ANTHONY, CA
[73] CANADIAN TIRE CORPORATION, LIMITED,
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[25] EN
[54] **EXHAUST GAS TEMPERATURE SENSING PROBE ASSEMBLY**
[54] **DISPOSITIF DE SONDE DE DETECTION DE TEMPERATURE DE GAZ D'ECHAPPEMENT**
[72] JACKSON, DAVID REECE, US
[73] UNISON INDUSTRIES, LLC,
[86] (2979763)
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[25] EN
[54] **PROVIDING COMMUNICATION BETWEEN WELLBORES THROUGH DIRECTIONAL HYDRAULIC FRACTURING**
[54] **MIE EN □UVRE D'UNE COMMUNICATION ENTRE PUITS DE FORAGE A TRAVERS LA FRACTURATION HYDRAULIQUE DIRECTIONNELLE**
[72] ALTHOFF, GARY D., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-09-19
[86] 2015-05-14 (PCT/US2015/030881)
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[25] EN
[54] **SHOCK ABSORBER, VEHICLE, AND SNOWMOBILE**
[54] **AMORTISSEUR, VEHICULE ET MOTONEIGE**
[72] SAWAI, SEIJI, JP
[72] IMAMURA, TAKASHI, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA,
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[22] 2017-09-26
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[25] EN
[54] **SYSTEM AND METHOD FOR DISCLOSING UNAUTHORIZED REMOVAL OF ARTICLES FROM SECURED PREMISES**
[54] **SYSTEME ET PROCEDE D'INDICATION DE RETRAIT NON AUTORISE D'ARTICLES DE LOCAUX SECURISES**
[72] DAVIS, CHARLES E., US
[73] DAVIS, CHARLES E.,
[86] (2980647)
[87] (2980647)
[22] 2013-08-07
[62] 2,823,174
[30] US (13/661,252) 2012-10-26

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[51] **Int.Cl. H04H 60/31 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO GENERATE A TAG FOR MEDIA**
[54] **METHODES ET APPAREIL SERVANT A GENERER UNE ETIQUETTE DESTINE AUX MEDIAS**
[72] MCMILLAN, FRANCIS GAVIN, US
[72] DELIYANNIS, ALEXANDROS, US
[73] THE NIELSEN COMPANY (US), LLC,
[86] (2980754)
[87] (2980754)
[22] 2012-03-30
[62] 2,773,567
[30] US (13/181,147) 2011-07-12
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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSFER OF INFORMATION IN A WIRELESS CELLULAR NETWORK**
[54] **PROCEDE DE TRANSFERT D'INFORMATIONS DANS UN RESEAU CELLULAIRE SANS FIL**
[72] BREUER, VOLKER, DE
[72] WEHMEIER, LARS, DE
[72] ULRICH, THOMAS, DE
[73] GEMALTO M2M GMBH,
[85] 2017-09-25
[86] 2016-04-05 (PCT/EP2016/057417)
[87] (WO2016/162329)
[30] EP (15162789.0) 2015-04-08

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[51] **Int.Cl. H04W 4/70 (2018.01) H04W 4/06 (2009.01) H04W 48/12 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSFER OF INFORMATION IN A WIRELESS CELLULAR NETWORK**
[54] **PROCEDE POUR LE TRANSFERT D'INFORMATIONS DANS UN RESEAU CELLULAIRE SANS FIL**
[72] BREUER, VOLKER, DE
[72] WEHMEIER, LARS, DE
[72] ULRICH, THOMAS, DE
[73] GEMALTO M2M GMBH,
[85] 2017-09-25
[86] 2016-04-05 (PCT/EP2016/057421)
[87] (WO2016/162332)
[30] EP (15162789.0) 2015-04-08

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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSFER OF INFORMATION IN A WIRELESS CELLULAR NETWORK**
[54] **PROCEDE PERMETTANT UN TRANSFERT D'INFORMATIONS DANS UN RESEAU CELLULAIRE SANS FIL**
[72] BREUER, VOLKER, DE
[72] WEHMEIER, LARS, DE
[72] ULRICH, THOMAS, DE
[73] GEMALTO M2M GMBH,
[85] 2017-09-25
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[30] EP (15162789.0) 2015-04-08

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[51] **Int.Cl. H01R 11/14 (2006.01)**
[25] EN
[54] **SPRING LOADED PARALLEL PAD CLAMP CONNECTORS CONNECTABLE USING LINEMAN HOT STICKS**
[54] **CONNECTEURS DE SERRAGE A RESSORT COMPORTANT DES PLAQUETTES PARALLELES POUVANT ETRE CONNECTES A L'AIDE DE PERCHES ISOLANTES DE MONTEUR DE LIGNES**
[72] DE FRANCE, ROBERT VICTOR, US
[72] DOBRINSKI, DANIEL DAVID, US
[72] HALL, JEFFERSON ROBERT, US
[73] HUBBELL INCORPORATED,
[85] 2017-09-27
[86] 2016-03-30 (PCT/US2016/025086)
[87] (WO2016/161030)
[30] US (62/140,437) 2015-03-30

[11] **2,981,240**
[13] C
[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**
[25] EN
[54] **PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**
[54] **EMBALLAGE COMPORTANT UNE PILE DE MATERIAU DE PAPIER ABSORBANT ET UNE METHODE D'EMBALLAGE**
[72] WALLENIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG,
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050721)
[87] (WO2016/209122)

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[13] C
[51] **Int.Cl. B65B 63/02 (2006.01) A47K 10/16 (2006.01)**
[25] EN
[54] **PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING**
[54] **EMBALLAGE COMPRENANT UNE PILE DE MATERIAU DE PAPIER MINCE ABSORBANT ET UN EMBALLAGE**
[72] WALLENIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG,
[85] 2017-09-28
[86] 2015-06-22 (PCT/SE2015/050722)
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[13] C
[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/00 (2006.01)**
[25] EN
[54] **DRAG REDUCING DEVICE**
[54] **DISPOSITIF REDUISANT LA TRAINEE**
[72] MILLER, HUNTER, US
[72] VOGEL, JOHN, US
[72] TUERK, JAMES R., US
[73] AERO INDUSTRIES, INC.,
[86] (2981672)
[87] (2981672)
[22] 2017-10-05
[30] US (62/404,289) 2016-10-05

[11] **2,981,814**
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[51] **Int.Cl. C09D 11/101 (2014.01) B33Y 40/00 (2015.01) B33Y 70/00 (2015.01) C09D 11/30 (2014.01)**
[25] EN
[54] **CURABLE INK COMPOSITION**
[54] **COMPOSITION D'ENCRE DURCISSABLE**
[72] CHOPRA, NAVEEN, CA
[72] SISLER, GORDON, CA
[72] JIDDAWI, SALEH, CA
[72] ALLEN, C. GEOFFREY, CA
[72] MOORLAG, CAROLYN, CA
[73] XEROX CORPORATION,
[86] (2981814)
[87] (2981814)
[22] 2017-10-06
[30] US (15/290396) 2016-10-11

[11] **2,981,899**
[13] C
[51] **Int.Cl. H04R 25/02 (2006.01)**
[25] EN
[54] **USER PROGRAMMABLE HEARING ASSISTANCE DEVICE**
[54] **DISPOSITIF AUDITIF POUVANT ETRE PROGRAMME PAR UN UTILISATEUR**
[72] SCHUMAIER, DANIEL R., US
[73] SCHUMAIER, DANIEL R.,
[86] (2981899)
[87] (2981899)
[22] 2008-04-23
[62] 2,909,963
[30] US (11/739,781) 2007-04-25
[30] US (12/017,080) 2008-01-21
[30] US (61/036,594) 2008-03-14

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[13] C
[51] **Int.Cl. C09D 11/101 (2014.01) C09D 11/03 (2014.01) C09D 11/037 (2014.01)**
[25] EN
[54] **INK COMPOSITION COMPRISING PHASE CHANGE TRANSFER ADDITIVE FOR DIGITAL OFFSET PRINTING**
[54] **COMPOSITION D'ENCRE RENFERMANT UN ADDITIF DE TRANSFERT DE CHANGEMENT DE PHASE DESTINE A L'IMPRESSION OFFSET NUMERIQUE**
[72] BIRAU, MIHAELA MARIA, CA
[72] BRETON, MARCEL P., CA
[72] MAYO, JAMES D., CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] CHOPRA, NAVEEN, CA
[72] GAGNON, YVAN, CA
[73] XEROX CORPORATION,
[86] (2982310)
[87] (2982310)
[22] 2017-10-13
[30] US (15/296755) 2016-10-18

[11] **2,982,493**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01) A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61K 31/437 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **JAK INHIBITORS**
[54] **INHIBITEURS DE JAK**
[72] WU, HAO, CN
[72] LI, PENG, CN
[72] MAO, WEIWEI, CN
[72] CHEN, SHUHUI, CN
[72] WANG, FEI, CN
[72] LI, JIAN, CN
[73] WUXI FORTUNE PHARMACEUTICAL CO., LTD,
[85] 2017-10-12
[86] 2016-04-26 (PCT/CN2016/080208)
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[30] CN (201510213187.8) 2015-04-29

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[51] **Int.Cl. F23D 14/62 (2006.01) F23D 14/02 (2006.01) F23D 14/70 (2006.01) F24H 1/24 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **BURNER WITH FLOW DISTRIBUTION MEMBER**
[54] **BRULEUR A ELEMENT DE DISTRIBUTION D'ECOULEMENT**
[72] RUSSELL, JENNIFER MARIE, US
[72] MCCASLIN, JESSE TYLER, US
[72] ADAMS, JAMES TRAVIS, US
[72] PUTNAM, BENJAMIN PAUL, US
[73] LOCHINVAR, LLC,
[85] 2017-10-11
[86] 2016-05-02 (PCT/US2016/030427)
[87] (WO2016/182778)
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[13] C
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **CONDITION BASED MAINTENANCE PROGRAM BASED ON LIFE-STRESS ACCELERATION MODEL AND TIME-VARYING STRESS MODEL**
[54] **PROGRAMME DE MAINTENANCE CONDITIONNELLE BASE SUR UN MODELE D'ACCELERATION DES CONTRAINTES LIEES A LA DUREE DE VIE ET D'UN MODELE DE CONTRAINTE EN FONCTION DU TEMPS**
[72] JACKS, CURTIS, US
[72] BURKE, KEELEY, GB
[72] CHEN, WANYING, SG
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-10-12
[86] 2015-05-18 (PCT/US2015/031414)
[87] (WO2016/186646)

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[51] **Int.Cl. H04W 28/04 (2009.01) H04L 12/951 (2013.01) H03M 13/11 (2006.01) H03M 13/23 (2006.01) H03M 13/27 (2006.01) H03M 13/47 (2006.01) H04B 7/185 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WIRELESS DATA TRANSMISSION SUBJECT TO PERIODIC SIGNAL BLOCKAGES**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES SANS FIL SOUMIS A DES BLOCAGES DE SIGNAL PERIODIQUES**
[72] EROZ, MUSTAFA, US
[72] LEE, LIN-NAN, US
[73] HUGHES NETWORK SYSTEMS, LLC,
[85] 2017-10-13
[86] 2016-04-13 (PCT/US2016/027220)
[87] (WO2016/168253)
[30] US (14/685,854) 2015-04-14

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[51] **Int.Cl. C07D 473/34 (2006.01) A61K 31/52 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PURINYL-N-HYDROXYL PYRIMIDINE FORMAMIDE DERIVATIVE, PREPARATION METHODS AND USES THEREOF**
[54] **DERIVES DE PURINYL-N-HYDROXYLPYRIMIDINE-FORMAMIDE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] CHEN, LIJUAN, CN
[72] WEI, YUQUAN, CN
[73] GUIZHOU BAILING GROUP PHARMACEUTICAL CO., LTD.,
[85] 2017-10-17
[86] 2016-04-12 (PCT/CN2016/079022)
[87] (WO2016/169417)
[30] CN (201510189476.9) 2015-04-21

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[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **POSITIONING OF COMPONENTS IN A USER INTERFACE**
[54] **POSITIONNEMENT DE COMPOSANTS DANS UNE INTERFACE D'UTILISATEUR**
[72] MATAS, MICHAEL, US
[72] WALKIN, BRANDON MARSHALL, US
[73] FACEBOOK, INC.,
[86] (2983525)
[87] (2983525)
[22] 2014-10-09
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[25] EN
[54] **THERMOFUSIBLE SHEET MATERIAL**
[54] **TEXTILE THERMOFIXABLE**
[72] TRASER, STEFFEN, DE
[72] KREMSER, STEFFEN, DE
[73] CARL FREUDENBERG KG,
[85] 2017-10-20
[86] 2016-04-04 (PCT/EP2016/057314)
[87] (WO2016/169752)
[30] DE (10 2015 005 089.3) 2015-04-22

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[51] **Int.Cl. G01R 35/00 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **GROUND FAULT TESTER**
[54] **APPAREIL DE TEST DE DEFAUT A LA TERRE**
[72] ZHANG, JINGWANG, US
[73] SIEMENS INDUSTRY, INC.,
[86] (2984554)
[87] (2984554)
[22] 2017-11-02
[30] US (15/343,518) 2016-11-04

[11] **2,984,663**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **PLUG ASSEMBLY FOR A PIPE SYSTEM**
[54] **DISPOSITIF DE BOUCHON D'UN SYSTEME DE TUYAUX**
[72] MACDONALD, JOHN, CA
[72] GILLIS, SEAN, CA
[73] WELLFIRST TECHNOLOGIES INC.,
[86] (2984663)
[87] (2984663)
[22] 2017-11-02
[30] US (15/798,934) 2017-10-31

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[51] **Int.Cl. F04C 2/107 (2006.01) F01C 21/10 (2006.01)**
[25] EN
[54] **STATOR**
[54] **STATOR**
[72] ROTHSCHILD, JESSE B., US
[72] JONES, DWIGHT P., US
[72] NOAH, MARK P., US
[73] PENN UNITED TECHNOLOGIES, INC.,
[85] 2017-11-03
[86] 2015-11-04 (PCT/US2015/058921)
[87] (WO2016/178710)
[30] US (62/156,512) 2015-05-04
[30] US (14/931,885) 2015-11-04

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[13] C
[51] **Int.Cl. C09K 8/04 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **BETAINES FOR SHALE STABILIZATION**
[54] **UTILISATION DE BETAINES POUR LA STABILISATION DE SCHISTES**
[72] TRIA, MARIA CELESTE RELLAMAS, US
[72] SANTOS, CATHERINE MARTIN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-11-06
[86] 2015-06-08 (PCT/US2015/034730)
[87] (WO2016/200368)

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[51] **Int.Cl. H05B 37/02 (2006.01) F21S 8/00 (2006.01) F21S 9/02 (2006.01) F21V 23/02 (2006.01) F21V 25/10 (2006.01) H02J 9/02 (2006.01)**
[25] EN
[54] **DUAL-DISTRIBUTION LIGHTING DEVICE FOR LIGHTING SYSTEMS**
[54] **APPAREIL D'ECLAIRAGE A DOUBLE DISTRIBUTION DESTINE A DES SYSTEMES D'ECLAIRAGE**
[72] NELSON, KENNETH EDWIN, US
[72] HANLEY, MICHAEL G., US
[72] BOWLES, DALE R., US
[73] ABL IP HOLDING LLC,
[86] (2985580)
[87] (2985580)
[22] 2017-11-15
[30] US (62/423,874) 2016-11-18

[11] **2,985,914**
[13] C
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM**
[54] **SYSTEME DE SUIVI**
[72] SAUVAGEAU, YVES, CA
[72] NANAC, BRANISLAV, CA
[72] PELLERIN, JONATHAN, CA
[72] LAFLAMME, FRANCOIS, CA
[72] MARTEL, FREDERIK, CA
[72] GASSE, WILLIAM, CA
[72] GAGNON, JEAN, CA
[72] BOUTIN, KEVEN, CA
[73] SOUCY INTERNATIONAL INC.,
[85] 2017-09-21
[86] 2017-04-07 (PCT/US2017/026691)
[87] (WO2017/222622)
[30] US (62/353,138) 2016-06-22

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[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 9/32 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **INTELLIGENT SERVER ROUTING OF PAYMENT INSTRUMENTS**
[54] **ACHEMINEMENT DE SERVEUR INTELLIGENT D'INSTRUMENTS DE PAIEMENT**
[72] RATICA, ADAM, US
[73] CARDINALCOMMERCE CORPORATION,
[86] (2985938)
[87] (2985938)
[22] 2009-08-27
[62] 2,734,835
[30] US (12/548,819) 2009-08-27
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[13] C
[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01) D21H 17/67 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **PRECIPITATED CALCIUM CARBONATE INCORPORATING WATER-SOLUBLE MANGANESE**
[54] **CARBONATE DE CALCIUM PRECIPITE INCORPORANT DU MANGANESE HYDROSOLUBLE**
[72] POHL, MICHAEL, AT
[73] OMYA INTERNATIONAL AG,
[85] 2017-11-15
[86] 2016-05-24 (PCT/EP2016/061726)
[87] (WO2016/189009)
[30] EP (15169682.0) 2015-05-28

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[13] C
[51] **Int.Cl. G06F 9/445 (2018.01) G06F 8/10 (2018.01)**
[25] EN
[54] **PRODUCT CUSTOMIZATION BASED ON USER CONTRIBUTIONS**
[54] **PERSONNALISATION DE PRODUIT SUR LA BASE DE CONTRIBUTIONS D'UTILISATEURS**
[72] PAI, YOGISH, US
[72] GOYETTE, STEVE GEORGE, CA
[72] MACMARTIN, ROBERT, CA
[73] INTUIT INC.,
[85] 2017-11-17
[86] 2016-05-25 (PCT/US2016/034092)
[87] (WO2016/196119)
[30] US (14/726,392) 2015-05-29

[11] **2,986,676**
[13] C
[51] **Int.Cl. G05B 19/404 (2006.01) B23K 26/03 (2006.01) B23K 26/36 (2014.01) B23Q 17/20 (2006.01) G05B 19/401 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATED STRAIGHTENING OF WELDED ASSEMBLIES**
[54] **METHODE DE REDRESSEMENT AUTOMATISE D'ASSEMBLAGES SOUDES**
[72] MORNEAU, GASTON, CA
[72] CARON-GUILLEMETTE, GABRIEL, CA
[72] ALLARD, FREDERIC, CA
[73] BOMBARDIER TRANSPORTATION GMBH,
[86] (2986676)
[87] (2986676)
[22] 2017-11-24

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[13] C
[51] **Int.Cl. B42D 15/04 (2006.01) B65B 31/02 (2006.01)**
[25] EN
[54] **GREETING CARD HAVING COMPRESSED OBJECT THEREIN AND METHOD OF SELECTIVELY CONTROLLING DEFORMATION THEREOF**
[54] **CARTE DE SOUHAITS COMPORTANT UN OBJET COMPRIME INTEGRE ET METHODE DE CONTROLE SELECTIF DE DEFORMATION ASSOCIEE**
[72] BASSETT, LAINIE, US
[72] WALBERG, KARI, US
[72] LACY, ORLANDA, US
[73] HALLMARK CARDS, INCORPORATED,
[86] (2986869)
[87] (2986869)
[22] 2017-11-28
[30] US (15/442,153) 2017-02-24

[11] **2,987,501**
[13] C
[51] **Int.Cl. B25B 23/14 (2006.01) B25B 23/159 (2006.01) B25B 27/10 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **HOLDING TOOL**
[54] **OUTIL DE MAINTIEN**
[72] REYNERTSON, JOHN, US
[72] REYNERTSON, DONALD J., US
[72] DAVIS, PAUL E., US
[73] SNAP-ON INCORPORATED,
[86] (2987501)
[87] (2987501)
[22] 2017-12-01
[30] US (62/429,174) 2016-12-02
[30] US (15/823,028) 2017-11-27

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[13] C
[51] **Int.Cl. F16L 9/14 (2006.01)**
[25] EN
[54] **HEMP TWISTED COMPOSITE TUBE**
[54] **TUBE COMPOSITE TORSADE EN CHANVRE**
[72] YE, LING, CN
[72] NIU, LIN, CN
[73] YE, LING,
[73] ZHEJIANG XINZHOU BAMBOO-BASED COMPOSITES TECHNOLOGY CO., LTD.,
[85] 2017-11-29
[86] 2015-10-20 (PCT/CN2015/092317)
[87] (WO2017/012214)
[30] CN (201520538455.9) 2015-07-23

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[51] **Int.Cl. A45D 40/26 (2006.01) A45D 40/30 (2006.01)**
[25] EN
[54] **MOLDED MASCARA BRUSH HEAD WITH RAKE-LIKE TEETH**
[54] **TETE DE BROSSE A MASCARA MOULEE COMPORTANT DES SAILLIES EN FORME DE RATEAU**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE F., US
[73] ELC MANAGEMENT LLC,
[85] 2017-11-30
[86] 2015-12-17 (PCT/US2015/066343)
[87] (WO2017/003506)
[30] US (62/186,720) 2015-06-30
[30] US (14/844,794) 2015-09-03

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **HIGH PRESSURE REGULATION FOR A BALL VALVE**
[54] **REGULATION HAUTE PRESSION POUR VANNE A BOISSEAU SPHERIQUE**
[72] LEDINGHAM, STEVEN ALISTAIR, GB
[72] INGLIS, PETER D.W., GB
[72] NAPIER, RORY ARCHIBALD, GB
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-12-01
[86] 2015-07-14 (PCT/US2015/040284)
[87] (WO2017/010990)

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[51] **Int.Cl. F24C 7/02 (2006.01) F24C 1/00 (2006.01) F24C 7/04 (2006.01)**
[25] EN
[54] **COOKING APPARATUS**
[54] **CUISEUR**
[72] HAYASHI, HIROKI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.,
[85] 2017-12-04
[86] 2016-08-03 (PCT/JP2016/003571)
[87] (WO2017/038006)
[30] JP (2015-172515) 2015-09-02

[11] **2,988,712**
[13] C
[51] **Int.Cl. E21B 19/22 (2006.01)**
[25] EN
[54] **SMALL FOOTPRINT COILED TUBING APPARATUS**
[54] **APPAREIL POUR TUBE SPIRALE DE FAIBLE ENCOMBREMENT**
[72] BOGGESS, RONALD, US
[73] GREGG MARINE, INC.,
[85] 2017-12-07
[86] 2015-06-09 (PCT/US2015/034789)
[87] (WO2016/200369)

[11] **2,988,719**
[13] C
[51] **Int.Cl. F25D 3/08 (2006.01) A61D 99/00 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **THERMALLY INSULATED LIVESTOCK MEDICATION CONTAINER**
[54] **CONTENANT DE MEDICAMENT ISOLE THERMIQUEMENT DESTINE AU BETAIL**
[72] BRAMWELL, DARLA, US
[73] BRAMWELL, DARLA,
[86] (2988719)
[87] (2988719)
[22] 2017-12-12
[30] US (62/445,369) 2017-01-12
[30] US (15/642,532) 2017-07-06

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/04 (2006.01)**
[25] EN
[54] **HYDROCARBON RECOVERY SYSTEM WITH SLIDABLE CONNECTORS AND RELATED METHODS**
[54] **SYSTEME DE RECUPERATION D'HYDROCARBURES DOTE DE CONNECTEURS COULISSANTS ET METHODES ASSOCIEES**
[72] HANN, MURRAY T., US
[72] WRIGHT, BRIAN N., US
[72] HIBNER, VERLIN A., US
[73] HARRIS CORPORATION,
[86] (2988754)
[87] (2988754)
[22] 2017-12-12
[30] US (15/426,168) 2017-02-07

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[51] **Int.Cl. B08B 5/02 (2006.01) B23Q 3/12 (2006.01)**
[25] EN
[54] **MULTI-TOOL PART CLEANING MACHINE**
[54] **MACHINE DE NETTOYAGE DE PIECE MULTI-OUTIL**
[72] STOCKERT, DAVID L., US
[72] MILLER, SCOTT A., US
[72] CARMACK, KENNETH, US
[73] FIVES CINETIC CORP.,
[86] (2988928)
[87] (2988928)
[22] 2017-12-14
[30] US (62/442,474) 2017-01-05
[30] US (15/715,231) 2017-09-26

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[13] C
[51] **Int.Cl. G06F 21/56 (2013.01) G06F 21/57 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING MALICIOUS-DOWNLOAD RISK BASED ON USER BEHAVIOR**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER UN RISQUE DE TELECHARGEMENT MALVEILLANT EN SE BASANT SUR UN COMPORTEMENT D'UTILISATEUR**
[72] YUMER, LEYLYA, FR
[73] SYMANTEC CORPORATION,
[85] 2017-12-11
[86] 2016-06-14 (PCT/US2016/037336)
[87] (WO2016/205177)
[30] US (14/739,385) 2015-06-15

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[51] **Int.Cl. G08G 1/00 (2006.01) B60R 21/00 (2006.01) G08G 1/0969 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **TRAFFIC CONTROL SYSTEM AND ON-BOARD TERMINAL DEVICE**
[54] **SYSTEME DE CONTROLE DE LA CIRCULATION ET DISPOSITIF TERMINAL EMBARQUE**
[72] KANAI, MASAKI, JP
[72] KATOU, MANABU, JP
[72] HAMADA, TOMOYUKI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD.,
[85] 2017-12-14
[86] 2016-03-09 (PCT/JP2016/057470)
[87] (WO2016/203796)
[30] JP (2015-122022) 2015-06-17

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[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/122 (2006.01)**
[25] EN
[54] **EROSION RESISTANT BAFFLE FOR DOWNHOLE WELLBORE TOOLS**
[54] **DEFLECTEUR RESISTANT A L'EROSION POUR DES OUTILS DE FOND DE TROU DE PUITS DE FORAGE**
[72] WALTON, ZACHARY WILLIAM, US
[72] MERRON, MATTHEW JAMES, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[86] (2989547)
[87] (2989547)
[22] 2013-10-21
[62] 2,924,555

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE HAVING SLIDE-IN ATOMIZER ASSEMBLY**
[54] **CIGARETTE ELECTRONIQUE COMPORTANT UN MECANISME D'ATOMISEUR COULISSANT**
[72] CHEN, WEN, CN
[73] SHENZHEN IVPS TECHNOLOGY CO., LTD.,
[86] (2989563)
[87] (2989563)
[22] 2017-12-20
[30] CN (201621402789.4) 2016-12-20

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[13] C
[51] **Int.Cl. C23C 30/00 (2006.01)**
[25] EN
[54] **STEEL SHEET COATED WITH A METALLIC COATING BASED ON ALUMINUM**
[54] **TOLE D'ACIER REVETUE D'UN REVETEMENT METALLIQUE A BASE D'ALUMINIUM**
[72] ALLELY, CHRISTIAN, FR
[72] MACHADO AMORIM, TIAGO, FR
[72] DE STRYCKER, JOOST, BE
[72] VAN DEN BERGH, KRISTA GODELIEVE OSCAR, BE
[73] ARCELORMITTAL,
[85] 2017-12-20
[86] 2016-07-08 (PCT/IB2016/000977)
[87] (WO2017/017513)
[30] IB (PCT/IB2015/001281) 2015-07-30

[11] **2,990,451**
[13] C
[51] **Int.Cl. E03C 1/05 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **TOUCH SPRAY HEAD**
[54] **TETE DE PULVERISATEUR TACTILE**
[72] CHIU, HUILING, TW
[72] YUAN, CHIAHUA, TW
[72] LIN, YIPING, TW
[72] CHANG, YUANHAO, TW
[73] GLOBE UNION INDUSTRIAL CORP.,
[86] (2990451)
[87] (2990451)
[22] 2017-12-29

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[13] C
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **4-(3-PYRAZOLYLAMINO)-BENZIMIDAZOLE COMPOUNDS AND THEIR USE AS JAK1 INHIBITORS**
[54] **COMPOSES 4-(3-PYRAZOLYLAMINO)-BENZIMIDAZOLE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE JAK1**
[72] CLAYTON, JOSHUA RYAN, US
[73] ELI LILLY AND COMPANY,
[85] 2017-12-20
[86] 2016-07-28 (PCT/US2016/044410)
[87] (WO2017/023672)
[30] US (62/200,684) 2015-08-04

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[51] **Int.Cl. D06F 58/28 (2006.01)**
[25] EN
[54] **CONTROL METHOD OF LAUNDRY TREATMENT APPARATUS**
[54] **METHODE DE CONTROLE D'APPAREIL DE TRAITEMENT DE LESSIVE**
[72] KIM, YONGHYUN, KR
[72] HEO, SEONIL, KR
[73] LG ELECTRONICS INC.,
[86] (2990673)
[87] (2990673)
[22] 2018-01-03
[30] KR (10-2017-0002609) 2017-01-06

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[13] C
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **METHOD OF INJECTION MOLDING USING ONE OR MORE EXTERNAL SENSORS AS A VIRTUAL CAVITY SENSOR**
[54] **PROCEDE DE MOULAGE PAR INJECTION UTILISANT UN OU PLUSIEURS CAPTEURS EXTERNES COMME CAPTEUR DE CAVITE VIRTUEL**
[72] POLLARD, RICK ALAN, US
[72] RAKER, JOSHUA DOUGLAS, US
[72] ALTONEN, GENE MICHAEL, US
[72] HANSON, HERBERT KENNETH, III, US
[73] IMFLUX INC.,
[85] 2017-12-29
[86] 2016-07-22 (PCT/US2016/043591)
[87] (WO2017/015573)
[30] US (62/195,354) 2015-07-22

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[51] **Int.Cl. B30B 5/04 (2006.01) A61F 13/511 (2006.01) A61F 13/513 (2006.01) B29D 29/00 (2006.01) D04H 3/07 (2012.01) D04H 3/14 (2012.01) D04H 3/16 (2006.01) D21F 1/00 (2006.01)**
[25] EN
[54] **FORMING BELT FOR SHAPED NONWOVEN**
[54] **COURROIE DE FORMATION POUR NONTISSE FORME**
[72] ASHRAF, ARMAN, US
[72] RASCH, DAVID MARK, US
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2018-01-09
[86] 2016-07-28 (PCT/US2016/044355)
[87] (WO2017/023657)
[30] US (62/199,562) 2015-07-31

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[13] C
[51] **Int.Cl. H04B 1/40 (2015.01)**
[25] EN
[54] **SMALL FORM-FACTOR PLUGGABLE TRANSCEIVER**
[54] **EMETTEUR-RECEPTEUR BRANCHABLE A PETIT FACTEUR**
[72] CHEN, YI-MING, CN
[73] AXCEN PHOTONICS CORP.,
[86] (2991988)
[87] (2991988)
[22] 2018-01-16

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **FILTER ELEMENT HAVING A CUT-OUT**
[54] **ELEMENT FILTRANT COMPRENANT UN EVIDEMENT**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[73] K-FEE SYSTEM GMBH,
[85] 2018-01-12
[86] 2016-07-13 (PCT/EP2016/066617)
[87] (WO2017/009369)
[30] DE (102015111319.8) 2015-07-13

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[51] **Int.Cl. H04N 21/242 (2011.01) H04N 21/43 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMMUNICATING TIME REPRESENTATIONS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE COMMUNIQUER DES REPRESENTATIONS DE TEMPS**
[72] NG, SHEAU, US
[73] SHARP KABUSHIKI KAISHA,
[85] 2018-01-12
[86] 2016-08-10 (PCT/JP2016/003703)
[87] (WO2017/029794)
[30] US (62/205,564) 2015-08-14
[30] US (62/210,859) 2015-08-27

[11] **2,992,526**
[13] C
[51] **Int.Cl. G21C 9/02 (2006.01)**
[25] EN
[54] **CHANNEL BAFFLE STRUCTURE**
[54] **STRUCTURE DE CHICANE POUR CANAL**
[72] ZHANG, ZUOYI, CN
[72] WANG, HONG, CN
[72] WANG, JIE, CN
[72] ZHANG, QINZHAO, CN
[72] PENG, WEI, CN
[73] TSINGHUA UNIVERSITY,
[85] 2018-01-15
[86] 2016-07-13 (PCT/CN2016/089936)
[87] (WO2017/008746)
[30] CN (201510409138.1) 2015-07-13
[30] CN (201520504843.5) 2015-07-13

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[13] C
[51] **Int.Cl. A47C 27/15 (2006.01) A47C 31/12 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE MATTRESS USING INSERTED WANDS**
[54] **MATELAS AJUSTABLE AU MOYEN DE BAGUETTES INSEREES**
[72] ROBINS, JOHN A., US
[72] FORD, BRENT, US
[72] ORTIZ, ROSA, US
[73] BROBARD, LLC,
[86] (2992559)
[87] (2992559)
[22] 2018-01-19
[30] US (15/802,123) 2017-11-02

[11] **2,992,882**
[13] C
[51] **Int.Cl. E21B 47/005 (2012.01) E21B 33/13 (2006.01)**
[25] EN
[54] **SOFTWARE SIMULATION METHOD FOR ESTIMATING FLUID POSITIONS AND PRESSURES IN THE WELLBORE FOR A DUAL GRADIENT CEMENTING SYSTEM**
[54] **PROCEDE DE SIMULATION LOGICIELLE SERVANT A ESTIMER DES POSITIONS ET DES PRESSIONS DE FLUIDE DANS LE PUITS DE FORAGE POUR UN SYSTEME DE CIMENTATION A DOUBLE GRADIENT**
[72] GUPTA, GAURAV, US
[72] LOU, ZHUOMING, US
[72] TRIVEDI, DHAVAL, IN
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2018-01-17
[86] 2015-09-02 (PCT/US2015/048069)
[87] (WO2017/039649)

[11] **2,992,956**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/02 (2006.01) A61M 15/08 (2006.01)**
[25] EN
[54] **DRY POWDER INHALER**
[54] **INHALATEUR A POUDRE SECHE**
[72] MELINIOTIS, ANDREAS, GB
[72] MCGUINNESS, LIAM, GB
[73] VECTURA DELIVERY DEVICES LIMITED,
[85] 2018-01-18
[86] 2016-07-19 (PCT/EP2016/067208)
[87] (WO2017/013130)
[30] EP (15177556.6) 2015-07-20

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[13] C
[51] **Int.Cl. A42B 1/20 (2006.01) A42B 1/00 (2006.01) A42B 1/24 (2006.01)**
[25] EN
[54] **SECURABLE HAT**
[54] **CHAPEAU POUVANT ETRE SOLIDEMENT ATTACHE**
[72] PLON, RICHARD, US
[73] PLON, RICHARD,
[85] 2018-01-22
[86] 2016-07-05 (PCT/US2016/040955)
[87] (WO2017/014943)
[30] US (14/806,377) 2015-07-22

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[13] C
[51] **Int.Cl. B28C 7/02 (2006.01) E21B 47/007 (2012.01) B28C 7/04 (2006.01) E21B 33/05 (2006.01) E21B 33/13 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM PRE-CHECK METHODOLOGY AND CORRESPONDING INTERFACE**
[54] **METHODOLOGIE DE CONTROLE PREALABLE DE SYSTEME AUTOMATISE ET INTERFACE CORRESPONDANTE**
[72] WILLIAMS, DEREK RAY, US
[72] NEAL, CHARLES EDWARD, III, US
[72] FUNKHOUSER, JAMES DOUGLAS, US
[72] IMEL, CHIP, US
[72] CLINE, GARY LEE, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2018-01-22
[86] 2015-09-02 (PCT/US2015/048138)
[87] (WO2017/039653)

[11] **2,993,405**
[13] C
[51] **Int.Cl. A01K 91/053 (2006.01) A01K 91/06 (2006.01)**
[25] EN
[54] **MESH SCREEN MAXIMIZING PRODUCTION IN MYTILIDAE CULTIVATION**
[54] **OPTIMISATION DE PRODUCTION DE GRILLE A MAILLES DANS LA CULTURE DE MOULES**
[72] SOBENES VENNEKOOL, CATTERINA DEL PILAR, CL
[72] DIAZ PERALTA, CHRISTIAN JAVIER, CL
[72] PEDREROS SILVA, JOSE PATRICIO, CL
[73] UNIVERSIDAD CATOLICA DE LA SANTISIMA CONCEPCION,
[86] (2993405)
[87] (2993405)
[22] 2018-01-29
[30] CL (201700245) 2017-01-30

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[13] C
[51] **Int.Cl. A61K 31/443 (2006.01) A61P 35/02 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **1,3-BENZODIOXOLE DERIVATIVES FOR THE TREATMENT OR PREVENTION OF ADULT T CELL LEUKEMIA/LYMPHOMA**
[54] **DERIVES DE 1,3-BENZODIOXOLE DESTINES AU TRAITEMENT OU A LA PREVENTION DELEUCEMIE A LYMPHOCYTES T OU DE LYMPHOME T CHEZ L'ADULTE**
[72] WATANABE, TOSHIKI, JP
[72] YAMAGISHI, MAKOTO, JP
[72] KANNO, OSAMU, JP
[72] WATANABE, JUN, JP
[72] ADACHI, NOBUAKI, JP
[72] HONMA, DAISUKE, JP
[72] HAMADA, YOSHITO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED,
[73] THE UNIVERSITY OF TOKYO,
[85] 2018-01-22
[86] 2016-07-29 (PCT/JP2016/072262)
[87] (WO2017/018499)
[30] JP (2015-151170) 2015-07-30

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[51] **Int.Cl. F16C 43/00 (2006.01) F16C 41/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND NUT FOR PRELOADING A BEARING**
[54] **METHODE, APPAREIL ET ECROU POUR PRECHARGER UN PALIER**
[72] RODE, JOHN E., US
[73] TEMPER AXLE PRODUCTS CORPORATION,
[86] (2993836)
[87] (2993836)
[22] 2007-01-25
[62] 2,863,789
[30] US (11/341,948) 2006-01-27
[30] US (11/354,513) 2006-02-15

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[13] C
[51] **Int.Cl. C03B 23/035 (2006.01) C03B 35/14 (2006.01)**
[25] EN
[54] **POSITIVE PRESSURE-SUPPORTED GLASS BENDING METHOD AND DEVICE SUITABLE THEREFOR**
[54] **PROCEDE DE CINTRAGE DE VERRE PAR SURPRESSION ET DISPOSITIF APPROPRIE**
[72] SCHALL, GUNTHER, DE
[72] BALDUIN, MICHAEL, DE
[72] RADERMACHER, HERBERT, BE
[72] LE NY, JEAN-MARIE, BE
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2018-01-31
[86] 2016-12-14 (PCT/EP2016/080918)
[87] (WO2017/129307)
[30] EP (16153047.2) 2016-01-28

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[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/172 (2006.01) A61M 39/10 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **FLOW SENSOR SYSTEM INCLUDING TRANSMISSIVE CONNECTION**
[54] **SYSTEME DE CAPTEUR DE DEBIT COMPRENANT UNE CONNEXION DE TRANSMISSION**
[72] DEKALB, SHAWN WAYNE, US
[73] CRISI MEDICAL SYSTEMS, INC.,
[85] 2018-02-06
[86] 2016-08-25 (PCT/US2016/048689)
[87] (WO2017/040202)
[30] US (62/211,108) 2015-08-28

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[13] C
[51] **Int.Cl. B61F 5/38 (2006.01) B61F 5/42 (2006.01)**
[25] EN
[54] **PASSIVE STEERING FOR A THREE PIECE RAILWAY TRUCK**
[54] **DIRECTION PASSIVE DESTINEE A UN WAGON DE CHEMIN DE FER A TROIS PIECES**
[72] WIKE, PAUL STEVEN, US
[73] AMSTED RAIL COMPANY, INC.,
[86] (2995813)
[87] (2995813)
[22] 2018-02-21
[30] US (15/454,475) 2017-03-09

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[13] C
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 4/04 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **HYBRID DRIVE FOR A FULLY ROTATING DOWNHOLE TOOL**
[54] **TRANSMISSION HYBRIDE POUR OUTIL DE FOND A ROTATION COMPLETE**
[72] NANAYAKKARA, RAVI P., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2018-02-20
[86] 2015-10-12 (PCT/US2015/055144)
[87] (WO2017/065738)

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[51] **Int.Cl. B66F 17/00 (2006.01) B66F 7/28 (2006.01) B66F 11/04 (2006.01) E04G 1/15 (2006.01) E04G 1/22 (2006.01) F16P 3/14 (2006.01)**
[25] EN
[54] **OBSTACLE DETECTION SYSTEM FOR AN AERIAL WORK PLATFORM**
[54] **SYSTEME DE DETECTION D'OBSTACLE DESTINE A UNE PLATEFORME DE TRAVAIL AERIENNE**
[72] MOHLMAN, BRIAN K., US
[72] GILBRIDE, MATTHEW I., US
[72] LOMBARDO, DAVID W., US
[72] PUSZKIEWICZ, IGNACY, US
[73] JLG INDUSTRIES, INC.,
[86] (2996774)
[87] (2996774)
[22] 2018-02-28
[30] US (62/466,501) 2017-03-03
[30] US (15/904,682) 2018-02-26

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[13] C
[51] **Int.Cl. B31D 5/00 (2017.01)**
[25] EN
[54] **DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL**
[54] **SYSTEME ET PROCEDE DE CONVERSION DE FARDAGE POUR ETENDRE UNE MATIERE PREMIERE EN FEUILLE PRE-FENDUE**
[72] CHEICH, ROBERT C., US
[72] URBAN, PETER J., US
[73] RANPAK CORPORATION,
[85] 2018-02-27
[86] 2016-06-24 (PCT/US2016/039169)
[87] (WO2017/039792)
[30] US (62/211,938) 2015-08-31

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[13] C
[51] **Int.Cl. A42B 3/06 (2006.01) F16F 7/12 (2006.01)**
[25] EN
[54] **A COMPOSITE GEOMETRY STRUCTURE FOR THE ABSORPTION AND DISSIPATION OF THE ENERGY GENERATED BY AN IMPACT AND A SAFETY HELMET COMPRISING SAID STRUCTURE**
[54] **STRUCTURE GEOMETRIQUE COMPOSITE POUR L'ABSORPTION ET LA DISSIPATION DE L'ENERGIE GENEREE PAR UN IMPACT, ET CASQUE DE SECURITE COMPRENANT LADITE STRUCTURE**
[72] CROSERA, GIOVANNI, IT
[72] ABDOLAHIAN, ALESSIO, IT
[73] PEDEVILLA, PATRICK,
[73] AIRHELMET S.R.L.,
[85] 2018-02-28
[86] 2016-09-16 (PCT/IB2016/055534)
[87] (WO2017/046757)
[30] IT (102015000052896) 2015-09-18

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[13] C
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/017 (2012.01) E21B 17/00 (2006.01)**
[25] EN
[54] **HIGH-RESOLUTION-MOLDED MANDREL**
[54] **MANDRIN MOULE A HAUTE RESOLUTION**
[72] JAASKELAINEN, MIKKO, US
[72] PARK, BRIAN VANDELLYN, US
[72] BENJAMIN, SELDON DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2018-02-28
[86] 2015-11-02 (PCT/US2015/058550)
[87] (WO2017/078660)

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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01)**
[25] EN
[54] **MULTI-PORT ACCESS DEVICE FOR MINIMALLY INVASIVE SURGICAL PROCEDURES**
[54] **DISPOSITIF D'ACCES A ORIFICES MULTIPLES POUR INTERVENTIONS CHIRURGICALES MINIMALEMENT INVASIVES**
[72] ZERGIEBEL, EARL M., US
[72] MASTRI, DOMINICK, US
[72] STEARNS, RALPH, US
[73] SURGIQUEST, INC.,
[85] 2018-03-01
[86] 2016-08-31 (PCT/US2016/049613)
[87] (WO2017/040602)
[30] US (62/212,776) 2015-09-01

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[51] **Int.Cl. B62K 11/00 (2013.01) B62D 9/02 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **LEANING VEHICLE HAVING A REINFORCED TURNING SUPPORTING PORTION**
[54] **VEHICULE PENCHE AYANT UNE PORTION DE SUPPORT DE VIRAGE RENFORCEE**
[72] MITSUOKA, RYUTA, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA,
[86] (2997592)
[87] (2997592)
[22] 2018-03-07
[30] JP (2017-042842) 2017-03-07

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[51] **Int.Cl. B62K 11/00 (2013.01) B62D 9/02 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **LEANING VEHICLE HAVING A TORSION-SUPPRESSING LINK SUPPORTING PORTION**
[54] **VEHICULE INCLINE AYANT UNE PORTION DE SUPPORT DE LIAISON SUPPRIMANT LA TORSION**
[72] MITSUOKA, RYUTA, JP
[72] HIRAKAWA, NOBUHIKO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA,
[86] (2997596)
[87] (2997596)
[22] 2018-03-07
[30] JP (2017-042843) 2017-03-07

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[51] **Int.Cl. F16F 1/376 (2006.01) F16F 1/38 (2006.01)**
[25] EN
[54] **BUSHING FOR LIFT AXLE/SUSPENSION SYSTEMS**
[54] **DOUILLE POUR SYSTEMES D'ESSIEU RELEVABLE/SUSPENSION**
[72] WESTNEDGE, ANDREW J., US
[72] GUNTERMANN, JAMES ANTHONY KRUEGER, US
[73] HENDRICKSON USA, L.L.C.,
[85] 2018-03-07
[86] 2016-09-09 (PCT/US2016/050973)
[87] (WO2017/044765)
[30] US (62/215,803) 2015-09-09

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[13] C
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HEATING AND FOAMING A LIQUID, IN PARTICULAR A BEVERAGE**
[54] **DISPOSITIF ET PROCEDE DE CHAUFFAGE ET DE MOUSSAGE D'UN LIQUIDE, EN PARTICULIER D'UNE BOISSON**
[72] LOCHER, GREGOIRE, CH
[72] BETRISEY, STEPHANE, CH
[73] EVERSYS HOLDING SA,
[85] 2018-03-09
[86] 2016-10-06 (PCT/EP2016/073867)
[87] (WO2017/063936)
[30] DE (10 2015 117 650.5) 2015-10-16
[30] EP (16156809.2) 2016-02-23

[11] **2,998,302**
[13] C
[51] **Int.Cl. B65H 3/04 (2006.01) B65B 43/14 (2006.01)**
[25] EN
[54] **SHEET PRODUCT SUPPLYING APPARATUS**
[54] **APPAREIL D'ALIMENTATION DE PRODUIT EN FEUILLE**
[72] TANAKA, KOHEI, JP
[72] KAI, SHINTARO, JP
[73] TOTANI CORPORATION,
[85] 2018-03-09
[86] 2016-09-07 (PCT/JP2016/076325)
[87] (WO2017/061225)
[30] JP (2015-201370) 2015-10-09

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[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **ADAPTER FOR A SINGLE SERVE CAPSULE**
[54] **ADAPTATEUR DE CAPSULE**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] HANISCH, MARCO, DE
[73] K-FEE SYSTEM GMBH,
[85] 2018-03-14
[86] 2016-09-16 (PCT/EP2016/072016)
[87] (WO2017/046352)
[30] DE (10 2015 218 023.9) 2015-09-18
[30] DE (10 2015 219 147.8) 2015-10-02
[30] DE (10 2015 223 919.5) 2015-12-01

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[13] C
[51] **Int.Cl. A42B 1/06 (2006.01) A41D 3/00 (2006.01) A41D 3/04 (2006.01) A41D 13/012 (2006.01)**
[25] EN
[54] **PROTECTIVE HOOD WITH IMPROVED VISION FOR WATERPROOF MARINE GARMENTS**
[54] **CAPUCHON PROTECTEUR A VISON AMELIOREE DESTINE A DES VETEMENTS MARINS IMPERMEABLES**
[72] HUSSEY, THOMAS KENNETH, AU
[72] MILCZARCZYK, BARTOSZ, AU
[73] ZHIK PTY LTD,
[86] (2999081)
[87] (2999081)
[22] 2018-03-22
[30] AU (2017901058) 2017-03-24
[30] AU (2017902958) 2017-07-27
[30] US (15/923,440) 2018-03-16

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[13] C
[51] **Int.Cl. E05F 1/08 (2006.01) E05F 1/00 (2006.01)**
[25] EN
[54] **AUTOMATIC DOOR STOPPING-CLOSING DEVICE AND DOOR**
[54] **DISPOSITIF DE FERMETURE DE PORTE AUTOMATIQUE ET PORTE**
[72] QIU, JIA SEN, CN
[73] CMECH (GUANGZHOU) LTD.,
[86] (2999453)
[87] (2999453)
[22] 2018-03-27
[30] US (15/594127) 2017-05-12

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[13] C
[51] **Int.Cl. B65D 51/18 (2006.01) A45D 34/00 (2006.01) A45D 40/00 (2006.01) B65D 43/02 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **SCREW-TYPE CONTAINER-CLOSURE SYSTEMS WITH MAGNETIC FEATURE**
[54] **SYSTEMES CONTENANT-ELEMENT DE FERMETURE DE TYPE A VIS COMPRENANT DES ELEMENTS MAGNETIQUES**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE, US
[73] ELC MANAGEMENT LLC,
[85] 2018-03-22
[86] 2016-08-30 (PCT/US2016/049385)
[87] (WO2017/053027)
[30] US (14/865,040) 2015-09-25

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[13] C
[51] **Int.Cl. A47B 9/16 (2006.01) A47B 9/02 (2006.01)**
[25] EN
[54] **HEIGHT ADJUSTABLE DEVICE**
[54] **DISPOSITIF REGLABLE EN HAUTEUR**
[72] SWARTZ, NICHOLAS ROBERT, US
[72] LINDBLAD, SHAUN CHRISTOPHER, US
[72] MENSING, JEFFREY RANDALL, US
[73] ERGOTRON, INC.,
[85] 2018-03-22
[86] 2016-09-16 (PCT/US2016/052233)
[87] (WO2017/053200)
[30] US (62/232,133) 2015-09-24

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[51] **Int.Cl. A01N 25/00 (2006.01) A01C 1/06 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 47/40 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **AGROCHEMICAL COMPOSITION**
[54] **COMPOSITION AGROCHIMIQUE**
[72] IIGAYA, MASAYUKI, JP
[73] NIPPON SODA CO., LTD.,
[85] 2018-03-26
[86] 2016-09-28 (PCT/JP2016/078594)
[87] (WO2017/057445)
[30] JP (2015-192835) 2015-09-30

[11] **3,000,319**
[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-BURNING TYPE FLAVOR INHALER AND ATOMIZING UNIT**
[54] **MODULE D'ATOMISATION ET D'INHALATION D'AROME DE TYPE SANS COMBUSTION**
[72] SUZUKI, AKIHIKO, JP
[72] IRIYA, TATSUAKI, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[73] JAPAN TOBACCO INC.,
[85] 2018-03-28
[86] 2016-09-26 (PCT/JP2016/078295)
[87] (WO2017/057286)
[30] JP (PCT/JP2015/077887) 2015-09-30

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[13] C
[51] **Int.Cl. B61B 12/12 (2006.01)**
[25] EN
[54] **CLAMP**
[54] **PINCE**
[72] SUTTERLUETY, ANDREAS, AT
[72] SUTTER, JOSEF, AT
[73] INNOVA PATENT GMBH,
[85] 2018-04-04
[86] 2016-09-21 (PCT/EP2016/072444)
[87] (WO2017/067731)
[30] AT (A 677/2015) 2015-10-19

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[51] **Int.Cl. A61C 17/22 (2006.01) A61C 15/04 (2006.01) B26B 19/38 (2006.01)**
[25] EN
[54] **PERSONAL HYGIENE DEVICE AND METHOD OF CONTROLLING A PERSONAL HYGIENE DEVICE**
[54] **DISPOSITIF D'HYGIENE PERSONNELLE ET PROCEDE DE COMMANDE D'UN DISPOSITIF D'HYGIENE PERSONNELLE**
[72] LUECKEL, KRIS, DE
[72] KUCHLER, KERVIN HEINRICH, DE
[72] KIIVER, EGLE, DE
[73] BRAUN GMBH,
[85] 2018-04-06
[86] 2016-10-13 (PCT/IB2016/056129)
[87] (WO2017/064640)
[30] EP (15190167.5) 2015-10-16

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[51] **Int.Cl. B29C 45/37 (2006.01) B29C 33/34 (2006.01) B29C 33/38 (2006.01) B29C 33/56 (2006.01) B29C 45/00 (2006.01) B29C 45/26 (2006.01) B29C 45/64 (2006.01) B64C 1/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A POLYMERIC AIRCRAFT WINDOW PANEL**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN VITRAGE D'AERONEF POLYMERE**
[72] GOODWIN, GEORGE B., US
[72] MCCARTHY, DENNIS P., US
[72] SHEARER, JOHN D. M., US
[73] PPG INDUSTRIES OHIO, INC.,
[85] 2018-04-11
[86] 2016-10-12 (PCT/US2016/056521)
[87] (WO2017/066238)
[30] US (62/240,060) 2015-10-12

[11] **3,001,794**
[13] C
[51] **Int.Cl. F17D 3/01 (2006.01) F17D 1/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM IN AN INDUSTRIAL GAS PIPELINE NETWORK TO SATISFY ENERGY CONSUMPTION CONSTRAINTS AT PRODUCTION PLANTS**
[54] **SYSTEME DE CONTROLE DANS UN RESEAU DE CANALISATIONS GAZIERES INDUSTRIELLES AFIN DE SATISFAIRE LES CONTRAINTES DE CONSOMMATION ENERGETIQUE DANS LES USINES DE PRODUCTION**
[72] ISOM, JOSHUA DAVID, US
[72] STAMPS, ANDREW TIMOTHY, US
[72] LATSHAW, CATHERINE CATINO, US
[72] ESMAILI, ALI, US
[72] MANCILLA, CAMILO, US
[73] AIR PRODUCTS AND CHEMICALS, INC.,
[86] (3001794)
[87] (3001794)
[22] 2018-04-17
[30] US (15/490,308) 2017-04-18
[30] US (15/872,214) 2018-01-16

[11] **3,002,863**
[13] C
[51] **Int.Cl. B65D 5/10 (2006.01) B65D 5/20 (2006.01) B65D 5/24 (2006.01) B65D 5/36 (2006.01)**
[25] EN
[54] **CARTON WITH RECLOSABLE LOCK**
[54] **BRIQUE ALIMENTAIRE A LOQUET REFERMABLE**
[72] FAULKNER, WILLIAM, US
[72] BATES, AARON LEE, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC,
[85] 2018-04-20
[86] 2016-12-08 (PCT/US2016/065494)
[87] (WO2017/100386)
[30] US (62/264,530) 2015-12-08

[11] **3,003,753**
[13] C
[51] **Int.Cl. B64D 11/00 (2006.01) A47B 46/00 (2006.01)**
[25] EN
[54] **STORAGE BIN WITH LUGGAGE POSITIONING PROTRUSIONS**
[54] **SOUTE AVEC SAILLIES DE POSITIONNEMENT DE BAGAGES**
[72] SAVIAN, SCOTT, US
[72] LONG, ERIC, US
[72] HEIMBACH, ERIC, US
[73] C&D ZODIAC, INC.,
[85] 2018-04-30
[86] 2016-11-18 (PCT/US2016/062890)
[87] (WO2017/099977)
[30] US (62/264,205) 2015-12-07

[11] **3,003,988**
[13] C
[51] **Int.Cl. A61K 31/5365 (2006.01) A61K 31/513 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **COMBINATIONS FOR USE IN THE INHIBITION OF HIV-1**
[54] **COMBINAISONS A UTILISER POUR L'INHIBITION DU VIH-1**
[72] UNDERWOOD, MARK RICHARD, US
[73] VIIV HEALTHCARE COMPANY,
[86] (3003988)
[87] (3003988)
[22] 2011-01-24
[62] 2,787,691
[30] US (61/298,589) 2010-01-27

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[51] **Int.Cl. F21K 9/64 (2016.01) H01L 33/04 (2010.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) A01G 9/20 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING ASSEMBLY**
[54] **APPAREIL D'ECLAIRAGE**
[72] AIKALA, LARS, FI
[73] VALOYA OY,
[86] (3003994)
[87] (3003994)
[22] 2010-09-16
[62] 2,767,905
[30] FI (20095967) 2009-09-18
[30] US (61/243,613) 2009-09-18
[30] US (12/797,215) 2010-06-09

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[13] C
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SURFACE STEERABLE DRILLING**
[54] **SYSTEME ET PROCEDE POUR FORAGE POUVANT ETRE DIRIGE DEPUIS LA SURFACE**
[72] BENSON, TODD W., US
[72] CHEN, TEDDY C., US
[73] MOTIVE DRILLING TECHNOLOGIES, INC.,
[86] (3004093)
[87] (3004093)
[22] 2012-12-10
[62] 2,868,241
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[25] EN
[54] **PROSTHESIS**
[54] **PROTHESE**
[72] TAYLOR, ANDREW CLIVE, GB
[73] FINSBURY (DEVELOPMENT) LIMITED,
[86] (3006329)
[87] (3006329)
[22] 2011-02-03
[62] 2,786,633
[30] GB (1001830.7) 2010-02-04

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[13] C
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[25] EN
[54] **VARIABLE CONE CONTAINER CARRIER**
[54] **PORTEUR DE CONTENANT A CONE VARIABLE**
[72] BORG, ZAKARY J., US
[72] MELLOR, RONALD, JR. L., US
[73] OREGON PRECISION INDUSTRIES, INC. DBA PAKTECH,
[86] (3006368)
[87] (3006368)
[22] 2018-05-28
[30] US (15/615,697) 2017-06-06

[11] **3,006,924**
[13] C
[51] **Int.Cl. C23C 16/24 (2006.01) C23C 16/32 (2006.01) C23C 16/34 (2006.01) C23C 16/44 (2006.01) C23C 16/442 (2006.01)**
[25] EN
[54] **METHOD FOR DEPOSITING AN IN SITU COATING ONTO THERMALLY AND CHEMICALLY LOADED COMPONENTS OF A FLUIDIZED BED REACTOR FOR PRODUCING HIGH-PURITY POLYSILICON**
[54] **PROCEDE DE DEPOT D'UN REVETEMENT IN-SITU SUR DES PIECES SOLLICITEES THERMIQUEMENT ET CHIMIQUEMENT D'UN REACTEUR A LIT FLUIDISE POUR L'OBTENTION DE POLYSILICIUM DE HAUTE PURETE**
[72] PEDRON, SIMON, DE
[73] WACKER CHEMIE AG,
[85] 2018-05-30
[86] 2017-02-23 (PCT/EP2017/054255)
[87] (WO2017/144625)
[30] DE (10 2016 203 082.5) 2016-02-26

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[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPE**
[54] **JOINT FILETE POUR TUBE EN ACIER**
[72] INOSE, KEITA, JP
[72] SUGINO, MASAAKI, JP
[72] DOUCHI, SADAO, JP
[73] VALLOUREC OIL AND GAS FRANCE,
[73] NIPPON STEEL CORPORATION,
[85] 2018-05-30
[86] 2016-11-02 (PCT/JP2016/082567)
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[30] JP (2015-244620) 2015-12-15

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[25] EN
[54] **VEHICLE DRAG REDUCTION AND ELECTRICITY GENERATION SYSTEM**
[54] **REDUCTION DE TRAINEE DE VEHICULE ET SYSTEME DE PRODUCTION D'ELECTRICITE**
[72] SIKRORIA, SHIVAM, US
[72] CHOUKSEY, SIDDHANT, IN
[72] GUPTA, SHIV, IN
[73] SMART AUTO LABS INC.,
[85] 2018-05-30
[86] 2016-11-04 (PCT/US2016/060558)
[87] (WO2017/099914)
[30] US (14/961,282) 2015-12-07

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[13] C
[51] **Int.Cl. A63C 3/04 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **CONVERTIBLE TRAINING AID FOR MULTI-STAGE DEVELOPMENT OF A SKATER**
[54] **ACCESSOIRE D'ENTRAINEMENT CONVERTIBLE POUR LE DEVELOPPEMENT EN PLUSIEURS ETAPES D'UN PATINEUR**
[72] PATTERSON, CHRISTOPHER, CA
[73] PATTERSON, CHRISTOPHER,
[85] 2018-06-08
[86] 2016-12-12 (PCT/CA2016/051457)
[87] (WO2017/120657)
[30] US (62/277,018) 2016-01-11

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[51] **Int.Cl. C10J 3/84 (2006.01)**
[25] EN
[54] **GASIFICATION SYSTEM AND PROCESS**
[54] **SYSTEME ET PROCEDE DE GAZEIFICATION**
[72] LIU, SIJING, NL
[72] SCHMITZ-GOEB, MANFRED HEINRICH, DE
[72] WOLFERT, ANTHONY, NL
[72] JAUREGI, UNAI, NL
[72] WOLFF, JOACHIM OTTOMAR, NL
[73] AIR PRODUCTS AND CHEMICALS, INC.,
[85] 2018-06-14
[86] 2016-12-15 (PCT/EP2016/081191)
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[51] **Int.Cl. A63F 9/24 (2006.01) G07F 17/32 (2006.01) G07F 17/34 (2006.01)**
[25] EN
[54] **ELECTRONIC GAMING DEVICE WITH EXTERNAL LIGHTING AND CALL TOWER FUNCTIONALITY**
[54] **DISPOSITIF DE JEU ELECTRONIQUE DOTE D'UNE FONCTIONNALITE DE TOUR D'APPEL ET D'ECLAIRAGE EXTERNE**
[72] LEE, SIGMUND, US
[72] ZEDELL, KARL, JR., US
[72] CALHOUN, RACHEL, US
[72] SCOTT, IAN, US
[72] HARDEN, DANIEL KENDELL, US
[72] TURGEL, ARIEL DAVID, US
[72] GU, WEI, US
[73] AGS LLC,
[85] 2018-06-14
[86] 2016-12-15 (PCT/US2016/066904)
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[30] US (14/972,434) 2015-12-17
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[51] **Int.Cl. B60D 1/06 (2006.01) B60T 7/20 (2006.01) B62D 63/04 (2006.01)**
[25] EN
[54] **AG TORSION SURGE RECEIVER HITCH**
[54] **ATTELAGE DE RECEPTEUR DE SURTENSION AG**
[72] BORKHOLDER, CARL J., US
[73] BORKHOLDER, CARL J.,
[86] (3009006)
[87] (3009006)
[22] 2018-06-21
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[25] EN
[54] **GAS TURBINE**
[54] **TURBINE A GAZ**
[72] OKABE, YOSHIYUKI, JP
[72] HORIE, SHIGENARI, JP
[72] HANADA, TADAYUKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD.,
[85] 2018-06-18
[86] 2016-04-01 (PCT/JP2016/060920)
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[51] **Int.Cl. B65H 54/22 (2006.01) A61B 17/06 (2006.01) B65B 19/00 (2006.01) B65D 85/00 (2006.01) B65H 54/10 (2006.01) B65H 55/00 (2006.01)**
[25] EN
[54] **UNIVERSAL WINDING MACHINE FOR A MULTITUDE OF TRAY DESIGNS**
[54] **MACHINE D'ENROULAGE UNIVERSELLE DESTINEE A UNE MULTITUDE DE MODELES DE PLATEAU**
[72] DEY, CLIFFORD, DE
[72] GATTNAR, JURGEN, DE
[72] WACHTER, BERNHARD, DE
[73] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH,
[86] (3010818)
[87] (3010818)
[22] 2018-07-09
[30] EP (17 001 348.6) 2017-08-01

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/20 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CANOLA VARIETY PV 591 GCS**
[54] **VARIETE DE CANOLA PV 591 GCS**
[72] MCCLINCHEY, SCOTT, US
[72] PATEL, JAYANTILAL DEVABHAI, US
[73] PIONEER HI-BRED INTERNATIONAL, INC.,
[86] (3010940)
[87] (3010940)
[22] 2018-07-10
[30] US (15/995,845) 2018-06-01

[11] **3,010,950**
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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/20 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CANOLA VARIETY 45CM39**
[54] **VARIETE DE CANOLA 45CM39**
[72] FALAK, IGOR, US
[72] MCCLINCHEY, SCOTT, US
[72] PATEL, JAYANTILAL DEVABHAI, US
[73] PIONEER HI-BRED INTERNATIONAL, INC.,
[86] (3010950)
[87] (3010950)
[22] 2018-07-10
[30] US (15/995,839) 2018-06-01

[11] **3,011,124**
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[51] **Int.Cl. F23R 3/54 (2006.01) F02C 3/14 (2006.01) F02C 7/12 (2006.01) F23R 3/06 (2006.01)**
[25] EN
[54] **REVERSE FLOW COMBUSTOR**
[54] **CHAMBRE DE COMBUSTION A ECOULEMENT INVERSE**
[72] GIAMBRA, MASSIMO GIOVANNI, IT
[72] MONTY, JOSEPH DOUGLAS, US
[72] HOWELL, STEPHEN JOHN, US
[73] GE AVIO S.R.L.,
[73] GENERAL ELECTRIC COMPANY,
[86] (3011124)
[87] (3011124)
[22] 2018-07-12
[30] EP (17425080.3) 2017-07-25

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[51] **Int.Cl. A01G 13/02 (2006.01) A01G 9/14 (2006.01) A01G 9/24 (2006.01) A01G 13/06 (2006.01)**
[25] EN
[54] **MODULAR HEAT-STORING AND VENTING MINI GREENHOUSE**
[54] **MINI-SERRE A AERATION ET STOCKAGE DE CHALEUR MODULAIRES**
[72] CHAPLIN, CHRISTIE M., CA
[73] CHAPLIN, CHRISTIE M.,
[86] (3011582)
[87] (3011582)
[22] 2018-07-17

[11] **3,011,658**
[13] C
[51] **Int.Cl. B62D 25/18 (2006.01) B60K 13/04 (2006.01) B60P 1/04 (2006.01) B60P 1/28 (2006.01) B62D 25/16 (2006.01)**
[25] EN
[54] **DUMP TRUCK**
[54] **CAMION A BENNE**
[72] TANAKA, YUSHI, JP
[73] KOMATSU LTD.,
[85] 2018-07-18
[86] 2018-03-12 (PCT/JP2018/009423)
[87] (WO2018/151335)

[11] **3,013,063**
[13] C
[51] **Int.Cl. H04W 84/04 (2009.01) H04W 84/12 (2009.01) H04W 88/10 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **WIRELESS RELAY BACKHAUL SELECTION IN A DATA COMMUNICATION NETWORK**
[54] **SELECTION DE RACCORDEMENT DE RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[73] SPRINT COMMUNICATIONS COMPANY L.P.,
[85] 2018-07-27
[86] 2017-02-02 (PCT/US2017/016137)
[87] (WO2017/136503)
[30] US (15/015,814) 2016-02-04

[11] **3,015,265**
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[51] **Int.Cl. F17C 11/00 (2006.01) B67D 9/00 (2010.01) B63B 25/14 (2006.01) B63B 27/34 (2006.01) B63B 35/44 (2006.01) F17C 5/02 (2006.01) F17C 7/02 (2006.01)**
[25] EN
[54] **METHODS FOR STORAGE AND TRANSPORTATION OF NATURAL GAS IN LIQUID SOLVENTS**
[54] **PROCEDES POUR LE STOCKAGE ET LE TRANSPORT DE GAZ NATUREL DANS DES SOLVANTS LIQUIDES**
[72] HALL, BRUCE, US
[72] OKIKIOLU, TOLULOPE O., US
[72] MORRIS, IAN, CA
[73] SEAONE HOLDINGS, LLC,
[86] (3015265)
[87] (3015265)
[22] 2011-10-12
[62] 2,816,295
[30] US (61/392135) 2010-10-12

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[25] EN
[54] **DEGRADABLE MATERIAL TIME DELAY SYSTEM**
[54] **SYSTEME DE TEMPORISATION PAR MATERIAU DEGRADABLE**
[72] HARDESTY, JOHN T., US
[72] ROESSLER, DENNIS, US
[72] GEORGE, KEVIN R., US
[73] GEODYNAMICS, INC.,
[85] 2018-08-21
[86] 2017-01-23 (PCT/US2017/014613)
[87] (WO2017/146849)
[30] US (15/053,534) 2016-02-25
[30] US (15/053,417) 2016-02-25

[11] **3,015,900**
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[51] **Int.Cl. G06F 11/34 (2006.01)**
[25] EN
[54] **PERFORMANCE ANALYSIS USING PERFORMANCE COUNTERS AND TRACE LOGIC**
[54] **ANALYSE DE PERFORMANCES A L'AIDE DE COMPTEURS DE PERFORMANCES ET D'UNE LOGIQUE DE TRACE**
[72] BAARTMANS, SEAN TODD, US
[72] ZAIDI, ZAINAB, US
[73] QUALCOMM INCORPORATED,
[85] 2018-08-27
[86] 2017-03-03 (PCT/US2017/020669)
[87] (WO2017/172261)
[30] US (15/086,057) 2016-03-31

[11] **3,017,174**
[13] C
[51] **Int.Cl. A61N 5/10 (2006.01)**
[25] EN
[54] **DOSIMETRICALLY CUSTOMIZABLE BRACHYTHERAPY CARRIERS AND METHODS THEREOF IN THE TREATMENT OF TUMORS**
[54] **APPLICATEURS DE CURIETHERAPIE A DOSES PERSONNALISABLES ET METHODES DE TRAITEMENT DES TUMEURS LES UTILISANT**
[72] THOMAS, THERESA, US
[72] NAKAJI, PETER, US
[72] BRACHMAN, DAVID, US
[72] MCBRIDE, HEYOUNG, US
[72] YOUSSEF, EMAD, US
[73] GT MEDICAL TECHNOLOGIES, INC.,
[86] (3017174)
[87] (3017174)
[22] 2012-04-30
[62] 2,834,559
[30] US (61/480,304) 2011-04-28

[11] **3,019,372**
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[51] **Int.Cl. H04B 7/0417 (2017.01) H04B 7/04 (2017.01)**
[25] EN
[54] **METHODS AND DEVICES FOR DETERMINIING PRECODER PARAMETERS IN A WIRELESS COMMUNICATION NETWORK**
[54] **METHODES ET DISPOSITIFS DE DETERMINATION DE PARAMETRES PRECODEURS DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] FAXER, SEBASTIAN, SE
[72] BERGMAN, SVANTE, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL),
[85] 2018-09-27
[86] 2017-03-29 (PCT/IB2017/051803)
[87] (WO2017/168349)
[30] US (62/315,972) 2016-03-31
[30] US (62/316,820) 2016-04-01
[30] US (62/316,857) 2016-04-01

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[51] **Int.Cl. B60R 9/06 (2006.01) B60F 5/00 (2006.01) B60P 7/08 (2006.01)**
[25] EN
[54] **SIDE BY SIDE ALL TERRAIN VEHICLE**
[54] **VEHICULE TOUT-TERRAIN A SIEGES COTE A COTE**
[72] KINSMAN, ANTHONY J., US
[72] MORISON, ANGUS M., US
[72] HOLLMAN, KEITH A., US
[72] SCHLANGEN, ADAM J., US
[72] PETERSON, SHAWN D., US
[72] RIPLEY, RICHARD D., US
[72] ERSPAMER, BRENT A., US
[72] SCHIEBEL, STEVEN M., US
[73] POLARIS INDUSTRIES INC.,
[86] (3019771)
[87] (3019771)
[22] 2012-02-10
[62] 2,826,756
[30] US (61/442,071) 2011-02-11
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[51] **Int.Cl. E03B 11/10 (2006.01) B67D 7/68 (2010.01) B65D 90/00 (2006.01) E03B 11/16 (2006.01) E04H 4/12 (2006.01) F04B 23/02 (2006.01) F04D 13/08 (2006.01) F04D 13/16 (2006.01)**
[25] EN
[54] **SUBMERSIBLE WATER CIRCULATION SYSTEM FOR ENCLOSED TANKS**
[54] **SYSTEME DE CIRCULATION D'EAU SUBMERSIBLE POUR RESERVOIRS ENCLOISONNES**
[72] WALTER, DOUGLAS P., US
[72] BLETH, JOEL J., US
[72] TORMASCHY, WILLARD R., US
[72] SIMNIONIW, COREY M., US
[72] ZENT, JONATHAN L., US
[73] MEDORA ENVIRONMENTAL, INC.,
[86] (3020104)
[87] (3020104)
[22] 2012-01-31
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[30] US (13/238,934) 2011-09-21

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[13] C
[51] **Int.Cl. B26D 5/00 (2006.01)**
[25] EN
[54] **AUTOMATIC SIZING CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE DE DIMENSIONNEMENT AUTOMATIQUE**
[72] OKABE, KATSURO, JP
[72] TAKASE, KAZUYA, JP
[73] YKK CORPORATION,
[85] 2018-10-10
[86] 2016-04-12 (PCT/JP2016/061836)
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[51] **Int.Cl. E21B 47/047 (2012.01) E21B 47/07 (2012.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ESTIMATING AND CONTROLLING LIQUID LEVEL USING PERIODIC SHUT-INS**
[54] **SYSTEMES ET METHODES D'ESTIMATION ET DE CONTROLE DE NIVEAU DE LIQUIDE AU MOYEN D'ARRETS INTERNES PERIODIQUES**
[72] GUPTA, ROBIN, US
[72] ADAIR, NEAL L., US
[72] DORAISWAMY, SRIRAM, US
[72] LONG, TED A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,
[86] (3020827)
[87] (3020827)
[22] 2018-10-15
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[51] **Int.Cl. A01J 7/04 (2006.01)**
[25] EN
[54] **DIPPING DEVICE FOR MECHANICAL MILKING SYSTEM**
[54] **DISPOSITIF DE TREMPAGE DESTINE A DES SYSTEMES DE TRAITE MECANIQUE**
[72] CABON, ALAIN, FR
[73] BOUMATIC LLC,
[86] (3021948)
[87] (3021948)
[22] 2018-10-24
[30] FR (1761878) 2017-12-08
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[51] **Int.Cl. C22C 21/00 (2006.01) B21C 23/00 (2006.01) B22D 7/00 (2006.01)**
[25] EN
[54] **CORROSION RESISTANT ALLOY FOR EXTRUDED AND BRAZED PRODUCTS**
[54] **ALLIAGE RESISTANT A LA CORROSION POUR PRODUITS EXTRUDES ET BRASES**
[72] PARSON, NICHOLAS C., CA
[72] GUAY, RAYNALD, CA
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED,
[85] 2018-10-26
[86] 2017-04-10 (PCT/CA2017/050435)
[87] (WO2017/185173)
[30] US (62/329,272) 2016-04-29

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[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **UTERINE ELECTRICAL STIMULATION SYSTEM AND METHOD**
[54] **SYSTEME DE STIMULATION ELECTRIQUE UTERINE ET METHODE ASSOCIEE**
[72] GARFIELD, ROBERT E., US
[72] CARP, HARVY, US
[72] MANER, WILLIAM L., US
[73] DIGNITY HEALTH,
[86] (3023152)
[87] (3023152)
[22] 2011-10-26
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[51] **Int.Cl. G06F 3/041 (2006.01) B25J 13/08 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **A SENSING SYSTEM WITH DIFFERENT UPPER LAYERS**
[54] **SYSTEME DE DETECTION COMPORTANT DES COUCHES SUPERIEURES DIFFERENTES**
[72] BUYUKSAHIN, UTKU, TR
[73] SENSOBRIGHT INDUSTRIES, LLC,
[85] 2018-11-09
[86] 2017-04-27 (PCT/TR2017/050168)
[87] (WO2017/196281)
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[51] **Int.Cl. D04B 21/16 (2006.01) D04H 3/002 (2012.01) D04H 3/115 (2012.01) B32B 5/06 (2006.01) B32B 5/10 (2006.01)**
[25] EN
[54] **STITCHED MULTIAXIAL NON-CRIMP FABRICS**
[54] **TISSUS NON CREPES MULTIAXIAUX COUSUS**
[72] WOCKATZ, RONNY, DE
[73] TEIJIN CARBON EUROPE GMBH,
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[87] (3024262)
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[51] **Int.Cl. A41D 13/11 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANUFACTURING FACEMASKS IN A PRODUCTION LINE**
[54] **METHODE ET SYSTEME DE FABRICATION DE MASQUES FACIAUX DANS UNE CHAINE DE PRODUCTION**
[72] PAMPERIN, MARK T., US
[72] SPENCER, ANTHONY S., US
[72] STEINDORF, ERIC C., US
[72] HARRINGTON, DAVID L., US
[72] WEBER, JOSEPH P., US
[73] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY,
[85] 2018-12-05
[86] 2017-10-04 (PCT/US2017/055031)
[87] (WO2019/070248)

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[51] **Int.Cl. H05B 35/00 (2006.01) B44F 1/00 (2006.01) G09F 19/14 (2006.01)**
[25] EN
[54] **MULTI-VIEW ARCHITECTURAL LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE ARCHITECTURAL A VUES MULTIPLES**
[72] DIETZ, PAUL HENRY, US
[72] NG, ALBERT HAN, US
[72] THOMPSON, DAVID STEVEN, US
[73] MISAPPLIED SCIENCES, INC.,
[85] 2018-12-05
[86] 2016-06-13 (PCT/US2016/037185)
[87] (WO2016/201412)
[30] US (62/174,476) 2015-06-11

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[51] **Int.Cl. A47C 1/024 (2006.01) A47C 7/50 (2006.01)**
[25] EN
[54] **FURNITURE MEMBER WITH WALL-PROXIMITY MECHANISM**
[54] **ELEMENT DE MOBILIER A MECANISME DE PROXIMITE DE PAROI**
[72] LAPOINTE, LARRY P., US
[72] MARSHALL, RICHARD E., US
[73] LA-Z-BOY INCORPORATED,
[85] 2018-12-06
[86] 2017-06-05 (PCT/US2017/035976)
[87] (WO2017/214043)
[30] US (15/174,060) 2016-06-06

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[13] C
[51] **Int.Cl. G01D 4/00 (2006.01)**
[25] EN
[54] **PORTABLE COMMUNICATION GATEWAY FOR UTILITY METERING DEVICES**
[54] **PASSERELLE DE COMMUNICATION PORTABLE POUR DISPOSITIFS DE MESURE DE SERVICE PUBLIC**
[72] BARRETT, CECIL, US
[72] DEPOY, ANTHONY, US
[73] LANDIS+GYR INNOVATIONS, INC.,
[85] 2018-12-17
[86] 2016-06-29 (PCT/US2016/040066)
[87] (WO2018/004567)

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[51] **Int.Cl. G02B 5/20 (2006.01) A61B 1/00 (2006.01) G01N 21/64 (2006.01) G02B 23/00 (2006.01) G02B 27/10 (2006.01)**
[25] EN
[54] **SPATIAL AND SPECTRAL FILTERING APERTURES AND OPTICAL IMAGING SYSTEMS INCLUDING THE SAME**
[54] **OUVERTURES DE FILTRAGE SPATIAL ET SPECTRAL ET SYSTEMES D'IMAGERIE OPTIQUE COMPORTANT LESDITES OUVERTURES**
[72] MOORE, FREDERICK ALLEN, CA
[73] NOVADAQ TECHNOLOGIES ULC,
[86] (3028775)
[87] (3028775)
[22] 2015-03-03
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[25] EN
[54] **CATHETER**
[54] **CATHETER**
[72] BRIDGEMAN, JOHN, US
[72] JINDRA, DANIEL, US
[72] BO, PETER, US
[73] TELEFLEX INNOVATIONS S.A.R.L.,
[85] 2019-01-09
[86] 2018-06-06 (PCT/IB2018/054054)
[87] (WO2019/038603)
[30] US (15/686,962) 2017-08-25

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[51] **Int.Cl. A63B 59/50 (2015.01)**
[25] EN
[54] **DOUBLE-BARREL BALL BATS**
[54] **BATON A BALLE A DOUBLE BARIL**
[72] HUNT, LINDA, US
[72] DOUGLAS, GRANT, US
[72] CHAUVIN, DEWEY, US
[72] MONTGOMERY, IAN, US
[73] EASTON DIAMOND SPORTS, LLC,
[86] (3032371)
[87] (3032371)
[22] 2019-01-31
[30] US (15/894,365) 2018-02-12

[11] **3,033,292**
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[51] **Int.Cl. E06B 3/46 (2006.01) A01K 1/00 (2006.01) E06B 3/44 (2006.01) F24F 13/16 (2006.01)**
[25] EN
[54] **SLIDING COVER SYSTEM AND METHOD THEREOF**
[54] **SYSTEME DE COUVERT COULISSANT ET METHODE ASSOCIEE**
[72] MORIN, TERRY, CA
[73] VENTEC CANADA INC.,
[86] (3033292)
[87] (3033292)
[22] 2019-02-08
[30] US (62/725,950) 2018-08-31

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[51] **Int.Cl. B07B 1/14 (2006.01) B01D 33/00 (2006.01) B07B 1/12 (2006.01) B07B 1/15 (2006.01) B07B 13/00 (2006.01) B25J 9/10 (2006.01)**
[25] EN
[54] **CLEANING ROBOT FOR RECYCLING EQUIPMENT**
[54] **ROBOT DE NETTOYAGE POUR EQUIPEMENT DE RECYCLAGE**
[72] DAVIS, NICHOLAS, US
[73] CP MANUFACTURING, INC.,
[85] 2019-02-08
[86] 2017-07-31 (PCT/US2017/044752)
[87] (WO2018/031282)
[30] US (62/373,268) 2016-08-10
[30] US (62/380,886) 2016-08-29
[30] US (15/663,607) 2017-07-28

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[13] C
[51] **Int.Cl. G01G 23/16 (2006.01) G01Q 30/00 (2010.01) G08B 13/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED MONITORING OF THE CONTENTS OF A CONTAINER**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE AUTOMATIQUE DE CONTENUS D'UN RECIPIENT**
[72] EDWARDS, BRIAN, US
[72] KEGEL, JAMES, US
[72] GELLER, PHILLIP, US
[73] WEIGHUP LLC,
[85] 2019-02-20
[86] 2017-08-24 (PCT/US2017/048492)
[87] (WO2018/039494)
[30] US (62/379,170) 2016-08-24

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[13] C
[51] **Int.Cl. B62D 33/027 (2006.01) B60P 1/26 (2006.01)**
[25] EN
[54] **TAILGATE APPARATUS FOR DUMP TRUCKS AND DUMP TRAILERS**
[54] **APPAREIL DE HAYON DESTINE A DES CAMIONS A BENNE ET DES REMORQUES BASCULANTES**
[72] BEARINGER, ELWIN, CA
[72] SCHARTNER, DARRELL, CA
[73] BEARCLAW EQUIP INC.,
[86] (3034516)
[87] (3034516)
[22] 2019-02-21
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[25] EN
[54] **CELLULOSE-BASED BEVERAGE CARTRIDGE**
[54] **CARTOUCHE DE BOISSON A BASE DE CELLULOSE**
[72] ORLER, ANTHONY J., US
[73] ORLER, ANTHONY J.,
[86] (3034946)
[87] (3034946)
[22] 2018-06-19
[62] 3,008,928
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[51] **Int.Cl. E21B 47/024 (2006.01) E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **PLANNING AND REAL TIME OPTIMIZATION OF ELECTRODE TRANSMITTER EXCITATION**
[54] **PLANIFICATION ET OPTIMISATION EN TEMPS REEL D'EXCITATION D'EMETTEUR A ELECTRODE**
[72] GUNER, BARIS, US
[72] DONDERICI, BURKAY, US
[72] CAPOGLU, IIKER R., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2019-02-26
[86] 2016-09-28 (PCT/US2016/054042)
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[25] EN
[54] **DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE**
[72] OKAMOTO, KAZUHIKO, JP
[72] NAKAMURA, TAKUMI, JP
[73] NISSAN MOTOR CO., LTD.,
[85] 2019-03-13
[86] 2016-09-14 (PCT/JP2016/077036)
[87] (WO2018/051420)

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[51] **Int.Cl. A01G 25/09 (2006.01)**
[25] EN
[54] **TELESCOPIC JACKING STEPWISE ROLLBACK-TYPE REEL SPRINKLING IRRIGATION MACHINE**
[54] **MACHINE D'IRRIGATION A GICLEUR A TAMBOUR DE TYPE RETOUR PROGRESSIF A VERIN TELESCOPIQUE**
[72] QIU, ZHIPENG, CN
[72] PENG, TAO, CN
[72] LIU, PEIYONG, CN
[72] ZHANG, JINXIANG, CN
[72] ZHU, ZHENCAI, CN
[72] JIANG, FAN, CN
[73] JIANGSU HUAYUAN WATER-SAVING CO.,LTD,
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY,
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[54] **CLOSED BOTTOM VAPORIZER POD**
[54] **ENVELOPPE DE VAPORISATEUR A FOND FERME**
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[72] KARKAIRAN, RYAN, CA
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[73] KARKAIRAN, RYAN,
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[54] **DUNNAGE CONVERSION MACHINE AND METHOD**
[54] **PROCEDE ET MACHINE DE CONVERSION DE BOIS DE CALAGE**
[72] CHEICH, ROBERT C., US
[72] SIP, JIRI, US
[73] RANPAK CORP.,
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[25] EN
[54] **ORAL CARE COMPOSITIONS WITH INCREASED WHITENING EFFICACY**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES A EFFICACITE DE BLANCHIMENT ACCRUE**
[72] SIMON, ERIC, US
[72] PORTER-MALONEY, VENDA, US
[72] PATEL, VYOMA, US
[73] COLGATE-PALMOLIVE COMPANY,
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[54] **BODY BOUND SHEAR CONNECTION**
[54] **LIAISON DE CISAILLEMENT LIEE AU CORPS**
[72] SHIFFLER, JASON P., US
[72] DUDDING, ASHLEY T., US
[72] SCHNEIDER, JOSEPH A., US
[73] HENDRICKSON USA, L.L.C.,
[85] 2019-05-22
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING MOVEMENT OF A MOBILE ASSET AND CONTROLLING OPERATIONS OF THE ASSET BASED ON ITS MOVEMENT**
[54] **SYSTEME ET PROCEDE POUR DETECTER UN MOUVEMENT D'UN ACTIF MOBILE ET POUR COMMANDER DES OPERATIONS DE L'ACTIF SUR LA BASE DE SON MOUVEMENT**
[72] SWARTZ, JOHN C., US
[72] HEFNER, ANTHONY, US
[72] RICHARDS, CHARLES W., IV, US
[72] MYERS, GARY JASON, US
[72] WELSH, MATTHIAS, US
[73] BOOZ ALLEN HAMILTON INC.,
[85] 2019-07-17
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[25] EN
[54] **SNOW-REMOVAL DEVICE WITH ARTICULATED HANDLE**
[54] **DISPOSITIF DE DENEIGEMENT AVEC UNE POIGNEE ARTICULEE**
[72] SAVARD, NORMAND, CA
[71] SAVARD, NORMAND, CA
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[25] EN
[54] **VIBRATION-DAMPED BATTERY, BATTERY CONTAINER, AND BATTERY PACK FOR USE DOWNHOLE**
[54] **BATTERIE AUX VIBRATIONS AMORTIES, COMPARTIMENT DE BATTERIE ET BLOC-BATTERIE DESTINE A L~UTILISATION EN CONDITIONS DE FOND**
[72] PARE, QUENTIN, CA
[72] BROWN, CARL, CA
[71] VERTEX DOWNHOLE LTD., CA
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[51] **Int.Cl. F02M 69/46 (2006.01) F02M 29/04 (2006.01)**
[25] EN
[54] **LOW PRESSURE GASEOUS FUEL INJECTOR SHROUD**
[54] **ENVELOPPE D~INJECTEUR DE COMBUSTIBLE GAZEUX A BASSE PRESSION**
[72] ETCHEVERRY, JOHN CHARLES, US
[72] PATTERSON, MARK, US
[71] GE OIL & GAS COMPRESSION SYSTEMS, LLC, US
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[25] EN
[54] **MULTISTAGE CATALYST INJECTION SYSTEM FOR AN OLEFIN POLYMERIZATION REACTOR**
[54] **SYSTEME D~INJECTION DE CATALYSEUR MULTI-ETAGES POUR UN REACTEUR DE POLYMERISATION D~OLEFINE**
[72] SIBTAIN, FAZLE, CA
[72] CLAVELLE, ERIC, CA
[72] VAN ASSELDONK, ROBERT, CA
[72] VAN ASSELDONK, LAWRENCE, CA
[72] HARDING, GEOFFREY, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[25] EN
[54] **METAL COMPLEXES TO INDUCE IMMUNOGENIC CELL DEATH AND USES THEREOF**
[54] **COMPLEXES METALLIQUES POUR INDUIRE LA MORT CELLULAIRE IMMUNOGENE ET LEURS UTILISATIONS**
[72] ABRAMS, MICHAEL J., CA
[72] LEUNG, ADA W. Y., CA
[72] GILABERT-ORIOL, ROGER, CA
[72] RYAN, GEMMA, CA
[72] HEROUX, DEVON, CA
[71] CUPROUS PHARMACEUTICALS INC., CA
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[25] EN
[54] **CATALYST INJECTION SYSTEM FOR AN OLEFIN POLYMERIZATION REACTOR**
[54] **SYSTEME D~INJECTION DE CATALYSEUR POUR UN REACTEUR DE POLYMERISATION D~OLEFINE**
[72] BROWN, STEPHEN, CA
[72] CLAVELLE, ERIC, CA
[72] HARDING, GEOFFREY, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2018-06-26
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[25] EN
[54] **METHOD OF MAKING A HYDROLYZED COLLAGEN GEL**
[54] **PROCEDE DE FABRICATION D~UN GEL DE COLLAGENE HYDROLYSE**
[72] PETITO, GEORGE D., US
[71] PETITO, GEORGE D., US
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[51] **Int.Cl. A63F 9/00 (2006.01)**
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[54] **INTERACTIVE TREASURE HUNT GAME**
[54] **JEU DU TRESOR CACHE INTERACTIF**
[72] EL MABROUK, SAMEH, CA
[71] EL MABROUK, SAMEH, CA
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[25] EN
[54] **HEAT EXCHANGER ASSEMBLY WITH HEAT SHIELDING DUCT**
[54] **ENSEMBLE ECHANGEUR DE CHALEUR AVEC UN RUBAN DE PROTECTION THERMIQUE**
[72] PAWLICK, DANIEL R., CA
[71] COPPER CORE LIMITED, CA
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[51] **Int.Cl. B60W 50/14 (2012.01) B60P 1/04 (2006.01) B60W 40/12 (2012.01)**
[25] FR
[54] **INTELLIGENT ALARM OF A RAISED DUMP BOX ON A TRUCK**
[54] **ALARME INTELLIGENTE DE BENNE LEVEE SUR UN CAMION**
[72] UNKNOWN, XX
[71] BASTIEN, MARIO, CA
[71] BASTIEN, LUC, CA
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[51] **Int.Cl. F24S 23/75 (2018.01) G02B 17/00 (2006.01)**
[25] EN
[54] **AN OPTICAL MECHANISM FOR SOLAR ENERGY GENERATION**
[54] **MECANISME OPTIQUE POUR LA PRODUCTION D'ENERGIE SOLAIRE**
[72] UNKNOWN, XX
[71] LIBAN, ALI, SA
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[51] **Int.Cl. A61B 34/10 (2016.01) H04N 21/80 (2011.01) A61B 34/00 (2016.01) G16H 30/20 (2018.01) H04N 5/76 (2006.01)**
[25] EN
[54] **VIDEO CLIP SELECTOR FOR MEDICAL IMAGING AND DIAGNOSIS**
[54] **SELECTEUR DE VIDEOCLIP POUR UNE IMAGERIE ET UN DIAGNOSTIC MEDICAL**
[72] CADIEU, CHARLES, US
[72] HONG, HA, US
[72] KOEPSELL, KILIAN, US
[72] MATHE, JOHAN, US
[72] POILVERT, NICOLAS, US
[72] CANNON, MICHAEL, US
[72] ROMANO, NATHANAEL, US
[72] BILENKO, NATALIA, US
[72] CHEN, CHARLES, US
[72] MIOLANE, NINA, US
[71] BAY LABS, INC., US
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[30] US (16/016725) 2018-06-25

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[25] EN
[54] **KICK SCOOTER-PORTER-CROSS TRAINER WITH MULTIPLE CONVERSIONS AND ELECTRIC DRIVE OPTION**
[54] **TROTTINETTE-PORTEUR-VELO ELLIPTIQUE AVEC CONVERSIONS MULTIPLES ET OPTION DE PROPULSION ELECTRIQUE**
[72] CHEVERIE, DAVID JOSEPH, CA
[71] CHEVERIE, DAVID JOSEPH, CA
[22] 2018-06-26
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **BULK CONTAINER TO METER SEED TRANSFER**
[54] **TRANSFERT D~UN CONTENEUR EN VRAC A UN DOSEUR DE GRAINES**
[72] JAGOW, SCOT, CA
[72] COWAN, RYAN, CA
[72] RIEDER, JAMI, CA
[71] BOURGAULT INDUSTRIES LTD., CA
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[51] **Int.Cl. G06K 9/78 (2006.01) G06Q 20/14 (2012.01) H04W 4/35 (2018.01)**
[25] EN
[54] **AUTOMATIC GENERATION AND POPULATION OF DIGITAL INTERFACES BASED ON ADAPTIVELY PROCESSED IMAGE DATA**
[54] **PRODUCTION ET REMPLISSAGE AUTOMATIQUE DES INTERFACES NUMERIQUES FONDEES SUR LES DONNEES D~IMAGE TRAITEES DE FACON ADAPTIVE**
[72] MILLER, ROBERT KYLE, CA
[72] TORBICA, SONJA, CA
[72] ESPOSITO, HELENE NICOLE, CA
[72] REILLY, HARRISON MICHAEL JAMES, CA
[72] WAKIM, MATTA, CA
[72] ODOBETSKIY, KYRYLL, CA
[72] FICHUK, DEXTER LAMONT, CA
[72] MCPHEE, ADAM DOUGLAS, CA
[72] ABDULLAH, OMAS, CA
[72] HUM, PATRICK JIAN HONG, CA
[71] THE TORONTO-DOMINION BANK, CA
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[25] EN
[54] **AUTOMATED BULK FOOD DISPENSER**
[54] **DISTRIBUTEUR D~ALIMENTS EN VRAC AUTOMATISES**
[72] MACKAY, GEOFFREY D.C., CA
[72] FALCONI, CHRISTOPHER, CA
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[71] FALCONI, CHRISTOPHER, CA
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[25] EN
[54] **METHODS FOR CONVERTING GLYCEROL TO ALLYL COMPOUNDS**
[54] **PROCEDES POUR TRANSFORMER LE GLYCEROL EN COMPOSES ALLYLIQUES**
[72] ULLAH, AMAN, CA
[72] RODRIGUEZ HERRERO, YANET, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[25] EN
[54] **NEUTRALIZING SAFETY SHOWER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DOUCHE DE SECURITE NEUTRALISANT**
[72] RANDALL, COLE G., CA
[71] RANDALL, COLE G., CA
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[54] **APPARATUS FOR LIGHT THERAPY**
[54] **APPAREIL SERVANT A UNE PHOTOTHERAPIE**
[72] HALSEY, KEVIN, CA
[71] HALSEY, KEVIN, CA
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[25] EN
[54] **WATER SOLUBLE SUPPLEMENT PACKET**
[54] **PAQUET SUPPLEMENTAIRE HYDROSOLUBLE**
[72] HEYNEN, PAUL, CA
[71] HEYNEN, PAUL, CA
[22] 2018-06-26
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[25] EN
[54] **RETROFITTED REAL ESTATE AND RELATED TECHNOLOGY**
[54] **BIENS IMMOBILIERS RENOVES ET TECHNOLOGIE CONNEXE**
[72] BAKER, THEODORE W., US
[71] BAKER, THEODORE W., US
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[51] **Int.Cl. E21B 28/00 (2006.01) E21B 43/24 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENERGIZING BITUMEN IN A BITUMEN RESERVE FOR RECOVERY OF SAME, USING ACOUSTIC STANDING WAVES**
[54] **SYSTEME ET PROCEDE POUR DYNAMISER LE BITUME DANS UNE RESERVE DE BITUME POUR LE RECOUVRER A L~AIDE D~ONDES STATIONNAIRES ACOUSTIQUES**
[72] BUNIO, GARY L., CA
[72] GATES, IAN D., CA
[71] SUNCOR ENERGY INC., CA
[22] 2018-06-27
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[13] A1
[51] **Int.Cl. B03D 1/002 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **METHODS FOR THE TREATMENT OF OIL SANDS TAILINGS WITH HYDROGEN PROTONS, HYDROGEN PEROXIDE AND FERROUS IONS**
[54] **PROCEDES POUR LE TRAITEMENT DE RESIDUS DE SABLES BITUMINEUX AVEC DES PROTONS D~HYDROGENE, DU PEROXYDE D~HYDROGENE ET D~IONS FERREUX**
[72] MIYAGISHIMA, WAYNE TAKAO, CA
[71] PROTECH ENVIRONMENTAL LTD., CA
[22] 2018-06-27
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[51] **Int.Cl. B60S 1/50 (2006.01) B67D 7/02 (2010.01) B60S 5/00 (2006.01)**
[25] EN
[54] **RESERVOIR SWAP TANK**
[54] **RESERVOIR DE RECHANGE**
[72] BIRDSILL, ROXANE D., CA
[71] BIRDSILL, ROXANE D., CA
[22] 2018-06-27
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[13] A1
[51] **Int.Cl. G01G 19/52 (2006.01) H04W 4/00 (2018.01) H04B 1/3888 (2015.01) G01G 23/42 (2006.01)**
[25] EN
[54] **SMART PHONE CASE WITH BUILT-IN SCALE**
[54] **BOITIER DE TELEPHONE INTELLIGENT AVEC UNE BALANCE ENCASTREE**
[72] WHITE, BARRY J., CA
[71] WHITE, BARRY J., CA
[22] 2018-06-27
[41] 2019-12-27

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[13] A1
[51] **Int.Cl. B03D 1/002 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING CAUSTIC ADDITION DURING BITUMEN EXTRACTION FROM MINED OIL SANDS**
[54] **PROCEDE POUR REDUIRE L~AJOUT DE CAUSTIQUE PENDANT L~EXTRACTION DU BITUME DES SABLES BITUMINEUX**
[72] MIYAGISHIMA, WAYNE TAKAO, CA
[71] PROTECH ENVIRONMENTAL LTD., CA
[22] 2018-06-27
[41] 2019-12-27

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[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) A63B 22/08 (2006.01) A63B 69/16 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **METHOD OF USING HUMAN CONTROLLED ROTARY MOTION AS A HUMAN INPUT DEVICE FOR A COMPUTER**
[54] **PROCEDE D~UTILISATION DU MOUVEMENT ROTATIF EN TANT QUE DISPOSITIF D~ENTREE HUMAINE POUR UN ORDINATEUR**
[72] QUACKENBUSH, ERIK C., CA
[71] HUD STUDIOS INC., CA
[22] 2018-06-28
[41] 2019-12-28

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[51] **Int.Cl. B66D 5/00 (2006.01) B60P 7/08 (2006.01) B65H 75/42 (2006.01) B66D 1/48 (2006.01) B66D 1/54 (2006.01)**
[25] EN
[54] **LOCKING STRAP SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE BRIDE DE VERROUILLAGE**
[72] JOAD, NEAL, CA
[71] JOAD, NEAL, CA
[22] 2018-06-28
[41] 2019-12-28

[21] **3,010,008**
[13] A1
[51] **Int.Cl. E04G 11/08 (2006.01) B28B 7/22 (2006.01)**
[25] EN
[54] **CONCRETE FORM SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FORME CONCRETE**
[72] GRYGORUK, KRZYSZTOF, CA
[71] GRYGORUK, KRZYSZTOF, CA
[22] 2018-06-28
[41] 2019-12-27
[30] US (16020916) 2018-06-27

[21] **3,010,009**
[13] A1
[51] **Int.Cl. A45D 34/04 (2006.01) A45D 40/00 (2006.01)**
[25] EN
[54] **BEAUTY BLENDER SYSTEM**
[54] **SYSTEME DE MELANGEUR DE BEAUTE**
[72] BALLAS, ROCHELLE S., CA
[71] BALLAS, ROCHELLE S., CA
[22] 2018-06-28
[41] 2019-12-27
[30] US (16020766) 2018-06-27

[21] **3,010,036**
[13] A1
[51] **Int.Cl. A61H 15/00 (2006.01)**
[25] EN
[54] **MASSAGE DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE MESSAGE**
[72] MCCREA, DONALD, CA
[71] MCCREA, DONALD, CA
[22] 2018-06-28
[41] 2019-12-28

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **EMPLOYER BRAND INDEX**
[54] **INDICE DE L~IMAGE DE MARQUE DE L~EMPLOYEUR**
[72] VAZQUEZ PEREZ, ESTELA, CA
[71] VAZQUEZ PEREZ, ESTELA, CA
[22] 2018-06-29
[41] 2019-12-28
[30] US (16022591) 2018-06-28

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[13] A1
[51] **Int.Cl. G16H 30/00 (2018.01) G06T 7/00 (2017.01)**
[25] EN
[54] **CONFIDENCE DETERMINATION IN A MEDICAL IMAGING VIDEO CLIP MEASUREMENT BASED UPON VIDEO CLIP IMAGE QUALITY**
[54] **DETERMINATION DU DEGRE DE CERTITUDE DANS UNE MESURE DE VIDEOCLIP D~IMAGERIE MEDICALE FONDEE SUR QUALITE DE L~IMAGE DU VIDEOCLIP**
[72] CADIEU, CHARLES, US
[72] HONG, HA, US
[72] KOEPSELL, KILIAN, US
[72] POILVERT, NICOLAS, US
[72] CANNON, MICHAEL G., US
[72] ROMANO, NATHANAEL, US
[72] HSIEH, CHING, US
[72] SURETTE, SAMUEL, US
[72] BILENKO, NATALIA, US
[71] BAY LABS, INC., US
[22] 2018-07-12
[41] 2019-12-25
[30] US (16/017,757) 2018-06-25

[21] **3,013,535**
[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) H02K 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COOLING ELECTRONICS AND ELECTRICAL MACHINERY IN A HYBRID ELECTRIC AIRCRAFT**
[54] **SYSTEMES ET PROCEDES POUR REFROIDIR LE MATERIEL ELECTRONIQUE ET LES APPAREILS ELECTRIQUES DANS UN AERONEF ELECTRIQUE HYBRIDE**
[72] SNYDER, DOUGLAS J., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2018-08-08
[41] 2019-12-22
[30] US (16/015,904) 2018-06-22

[21] **3,015,790**
[13] A1
[51] **Int.Cl. G08B 21/18 (2006.01) G01V 99/00 (2009.01) G08B 21/02 (2006.01) H04B 1/59 (2006.01) G06K 7/10 (2006.01) G06K 9/00 (2006.01) G06K 19/06 (2006.01)**
[25] EN
[54] **A CONDITION-RESPONSIVE WEARABLE DEVICE FOR SENSING AND INDICATING PROXIMITY OF AN ARTICLE WITH A SPECIFIC CHARACTERISTIC**
[54] **UN DISPOSITIF PORTABLE QUI REAGIT AUX CONDITIONS SERVANT A SENTIR ET A INDIQUER LA PROXIMITE D~UN OBJET AYANT DES CARACTERISTIQUES SPECIFIQUES**
[72] MOSSOBA, MICHAEL BAKR, US
[72] SHAH, SALIK, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-08-29
[41] 2019-12-26
[30] US (16/019130) 2018-06-26
[30] US (16/023781) 2018-06-29

[21] **3,016,048**
[13] A1
[51] **Int.Cl. B60D 1/52 (2006.01) B60D 1/06 (2006.01)**
[25] EN
[54] **DEMOUNTABLE HITCHING DEVICE FOR TOWING BY VEHICLES, AND ASSOCIATED UNLOCKING DEVICE**
[54] **DISPOSITIF DE REMORQUAGE DEMONTABLE POUR TRACTER ET DISPOSITIF DE DEVERROUILLAGE CONNEXE**
[72] SANCHEZ LAFUENTE AYALA, FRANCISCO, ES
[71] HERMANOS SANCHEZ LAFUENTE, S.A., ES
[22] 2018-08-31
[41] 2019-12-27
[30] ES (201830994) 2018-06-27

[21] **3,016,164**
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[51] **Int.Cl. C05F 9/04 (2006.01) A01G 24/00 (2018.01) A01G 24/22 (2018.01) A01G 24/30 (2018.01) C09K 17/52 (2006.01)**
[25] EN
[54] **PLANT SUBSTRATE GROWING MEDIUM**
[54] **MILIEU DE CULTURE DE SUBSTRAT DE PLANTE**
[72] NELSON, STEVEN DOUGLAS, US
[72] NELSON, MICHAEL DEAN, US
[72] NELSON, DANIEL STEVEN, US
[72] JOHNSTON, DAVID, GB
[72] NELSON, SCOTT CHARLES, US
[71] VERITAS SUBSTRATES, LLC, US
[22] 2018-08-31
[41] 2019-12-26
[30] US (16/018,961) 2018-06-26

[21] **3,022,729**
[13] A1
[51] **Int.Cl. B05B 12/00 (2018.01)**
[25] EN
[54] **VARIABLE PRESSURE SPRAYER**
[54] **PULVERISATEUR A PRESSION VARIABLE**
[72] GUSTAFSON, JOSEPH J., US
[72] NORRIS, STEVE, US
[71] WESSOL, LLC, US
[22] 2018-10-31
[41] 2019-12-25
[30] US (62/689,447) 2018-06-25
[30] US (16/143,721) 2018-09-27

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[51] **Int.Cl. E05B 15/00 (2006.01)**
[25] EN
[54] **LOCK MECHANISM**
[54] **MA~CANISME DE VERROUILLAGE**
[72] CHAN, TIEN-FU, CH
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
[22] 2018-10-31
[41] 2019-12-27
[30] TW (107208605) 2018-06-27

[21] **3,023,870**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **CANNULA FOR MINIMALLY INVASIVE SURGICAL TRICUSPID VALVE REPAIR**
[54] **CANULE POUR RA~PARATION CHIRURGICALE A~ INFRACTION MINIMALE DE LA VALVE TRICUSPIDE**
[72] PIOTR, SUWALSKI, PL
[72] CEZARY, GORNIAK, PL
[71] MEDINICE S.A., PL
[22] 2018-11-13
[41] 2019-12-28
[30] EP (EP18180348) 2018-06-28

[21] **3,028,068**
[13] A1
[51] **Int.Cl. A47J 45/06 (2006.01) A47J 45/08 (2006.01)**
[25] EN
[54] **HEAT DIVERTING POT HANDLE**
[54] **POIGNA~E DE CHAUDRON QUI DISSIPE LA CHALEUR**
[72] LAM, WOOK YIK PAUL, CN
[71] LAM, WOOK YIK PAUL, CN
[22] 2018-12-19
[41] 2019-12-28
[30] CN (201821008522.6) 2018-06-28
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[51] **Int.Cl. C09D 7/80 (2018.01) C09D 7/40 (2018.01) C09D 5/18 (2006.01) C09D 133/00 (2006.01)**
[25] EN
[54] **FLAME-RETARDANT, WATERPROOF WATER-BASED CORE-SHELL ACRYLATE RESIN COATING AND PREPARATION METHOD OF PAINT**
[54] **REVA~TEMENT EN RA~SINE ACRYLIQUE COEUR-COQUILLE A~ BASE DA~~EAU HYDROFUGE ET IGNIFUGE ET MODE DE PRA~PARATION DE LA PEINTURE**
[72] UNKNOWN, XX
[71] ZHOU, LIANHUI, CN
[22] 2018-12-27
[41] 2019-12-25
[30] CN (2018106648637) 2018-06-25

[21] **3,028,507**
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[51] **Int.Cl. C09D 7/80 (2018.01) C09D 7/40 (2018.01) C09D 5/14 (2006.01) C09D 5/18 (2006.01) C09D 175/04 (2006.01) C09J 11/00 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **FLAME-RETARDANT, ANTIBACTERIAL WATERBORNE POLYURETHANE COATING AND PREPARATION METHOD OF ADHESIVE**
[54] **REVA~TEMENT EN POLYURA~THANE A~ BASE DA~~EAU ANTIBACTA~RIEN ET IGNIFUGE ET MA~THODE DE PRA~PARATION DE LA~~ADHA~SIF**
[72] UNKNOWN, XX
[71] ZHOU, LIANHUI, CN
[22] 2018-12-27
[41] 2019-12-26
[30] CN (2018106650711) 2018-06-26

[21] **3,031,530**
[13] A1
[51] **Int.Cl. A61K 9/68 (2006.01) A23G 4/06 (2006.01) A23G 4/08 (2006.01) A23G 4/12 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 47/10 (2017.01) A61K 47/32 (2006.01)**
[25] EN
[54] **CANNABINOID CHEWING GUM WITH SUGAR ALCOHOLS**
[54] **GOMME A MACHER CONTENANT DES CANNABINOIDES AVEC ALCOOLS DE SUCRE**
[72] BRUUN, HEIDI ZIEGLER, DK
[72] BOESEN, DORTHE SCHACKINGER, DK
[72] ERIKSEN, ANE, DK
[71] MEDCAN PHARMA A/S, DK
[22] 2019-01-25
[41] 2019-12-27

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[51] **Int.Cl. H02J 13/00 (2006.01) H04W 80/00 (2009.01) H04W 4/38 (2018.01) B60L 58/10 (2019.01) H02J 7/00 (2006.01)**
[25] EN
[54] **METHOD OF INFORMATION PROVISION AND ELECTRIC CARRIER SYSTEM**
[54] **MA~THODE DE FOURNITURE DE DONNA~ES ET SYSTA~ME DE TRANSPORT A~LECTRIQUE**
[72] LU, CHUN-TING, CN
[72] TU, CHIA-CHENG, CN
[72] LIU, TE-CHUAN, CN
[72] LIN, JEN-CHIUN, CN
[72] CHEN, YUH-REY, CN
[72] CHUANG, PO-YU, CN
[71] KWANG YANG MOTOR CO., LTD., CN
[22] 2019-02-01
[41] 2019-12-28
[30] TW (107122272) 2018-06-28

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[51] **Int.Cl. A01D 75/18 (2006.01) A01D 34/66 (2006.01) A01D 34/82 (2006.01) A01D 75/20 (2006.01)**
[25] EN
[54] **ROTARY CUTTER WITH MOVABLE BLADE GUARD**
[54] **COUTEAU ROTATIF AVEC PROTA~GE-LAME AMOVIBLE**
[72] FINLAYSON, KEITH W., US
[72] BASE, DAN, US
[72] WELSH, JEFF, US
[71] GREAT PLAINS MANUFACTURING, INC., US
[22] 2019-02-12
[41] 2019-12-25
[30] US (16/017,512) 2018-06-25

[21] **3,033,791**
[13] A1
[51] **Int.Cl. B01J 2/02 (2006.01) C01B 17/02 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR GRANULARIZATION OF MOLTEN PROCESS MATERIAL**
[54] **SYSTA~MES, MA~THODES ET DISPOSITIFS POUR LA GRANULATION DES MATA~RIAUX DE PROCA~DA~S DE FUSION**
[72] ZAFARSADEGHIAN, SEYEDBAHADOR, CA
[71] ZAFARSADEGHIAN, SEYEDBAHADOR, CA
[22] 2019-02-14
[41] 2019-12-24

[21] **3,034,048**
[13] A1
[51] **Int.Cl. F41B 5/10 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **SPIRAL-WOUND SPLIT-BUSS LET-OUT MECHANISM FOR A COMPOUND ARCHERY BOW**
[54] **MA~CANISME DE RELA~CHE SPIRALA~ DU CA~BLE PRINCIPAL EN Y POUR ARC A~ POULIES**
[72] RINKER, DYLAN G., US
[72] OBTESHKA, NICHOLAS C., US
[72] HYDE, TONY E., US
[72] RASOR, ALLEN C., JR., US
[71] BOWTECH, INC., US
[22] 2019-02-15
[41] 2019-12-28
[30] US (16/021047) 2018-06-28

[21] **3,035,400**
[13] A1
[51] **Int.Cl. A61K 9/68 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **TABLETED CANNABINOID CHEWING GUM WITH LAYERED STRUCTURE**
[54] **GOMME A~ MA~CHER EN TABLETTE CONTENANT DES CANNABINOA~DES EN COUCHES**
[72] BRUUN, HEIDI ZIEGLER, DK
[72] BOESEN, DORTHE SCHACKINGER, DK
[72] ERIKSEN, ANE, DK
[71] MEDCAN PHARMA A/S, DK
[22] 2019-03-01
[41] 2019-12-27

[21] **3,037,707**
[13] A1
[51] **Int.Cl. B64C 37/02 (2006.01) B64C 27/20 (2006.01) B64C 39/02 (2006.01) B64D 5/00 (2006.01) B64D 39/00 (2006.01)**
[25] EN
[54] **EXTENDED DURATION REGENERATIVE POWERED UNMANNED AERIAL VEHICLE (UAV) PLATFORM**
[54] **PLATEFORME DE VA~HICULE AA~RIEN SANS PILOTE A~ PUISSANCE RA~GA~NA~RATRICE A~ DURA~E PROLONGA~E**
[72] KIRKBRIDE, DAVID W., US
[71] THE BOEING COMPANY, US
[22] 2019-03-21
[41] 2019-12-22
[30] US (16/015410) 2018-06-22

[21] **3,038,191**
[13] A1
[51] **Int.Cl. B65G 47/26 (2006.01) B25J 9/00 (2006.01) B65B 35/40 (2006.01) B65G 47/08 (2006.01)**
[25] EN
[54] **ROBOTIC ARTICLE COLLATION & METERING ASSEMBLY**
[54] **ENSEMBLE DE MESURE ET DA~~INTERCLASSEMENT DE PIA~CES ROBOTIQUES**
[72] ZHANG, TAO, US
[72] LUKANEN, RICHARD W., JR., US
[71] DOUGLAS MACHINE INC., US
[22] 2019-03-27
[41] 2019-12-22
[30] US (16015751) 2018-06-22

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[51] **Int.Cl. B29C 45/17 (2006.01) B21J 1/00 (2006.01) B22D 7/00 (2006.01) C21C 7/00 (2006.01) C21D 8/00 (2006.01) C22C 38/04 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01)**
[25] EN
[54] **PLASTIC INJECTION MOLD TOOLING AND A METHOD OF MANUFACTURE THEREOF**
[54] **OUTILLAGE DE MOULE A~ INJECTION EN PLASTIQUE ET SON PROCA~DA~ DE FABRICATION**
[72] LAPIERRE, LOUIS-PHILIPPE, US
[72] UNDERYS, ALGIRDAS, US
[71] A. FINKL & SONS CO., US
[22] 2019-03-27
[41] 2019-12-26
[30] US (16/018,833) 2018-06-26

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[13] A1
[51] **Int.Cl. B64D 35/08 (2006.01) B64D 27/24 (2006.01) B64D 35/02 (2006.01) H02K 7/116 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **ELECTRIC FAN**
[54] **VENTILATEUR A~LECTRIQUE**
[72] MENHEERE, DAVID H., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-04-01
[41] 2019-12-26
[30] US (16/018,162) 2018-06-26

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[13] A1
[51] **Int.Cl. A01F 15/07 (2006.01) A01F 15/10 (2006.01) A01F 15/18 (2006.01)**
[25] EN
[54] **BALING SYSTEM**
[54] **SYSTA~ME DE PRESSAGE**
[72] BRUNS, AARON J., US
[72] WEMHOFF, SCOTT J., US
[72] KASCHMITTER, SCOTT L., US
[72] HILL, LEONARD J., US
[72] UHLENKOTT, JEFFREY B., US
[72] BOYER, STANTON B., US
[71] DEERE & COMPANY, US
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[25] EN
[54] **HYDRAULIC POSITIONER FOR LARGE AND HEAVY WORK PIECES**
[54] **POSITIONNEUR HYDRAULIQUE POUR PIA~CES LOURDES ET GROSSES**
[72] GRUNNET, DOUGLAS, US
[72] BRUNENN, COLTEN JAY, US
[72] DONETH, ROBERT BRIAN, US
[72] HILL, EVAN JACOB, US
[71] ALM POSITIONERS, INC., US
[22] 2019-04-08
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[51] **Int.Cl. F16L 9/14 (2006.01) F16L 55/00 (2006.01)**
[25] EN
[54] **COMPOSITE PIPE ASSEMBLY**
[54] **TUYAUTERIE COMPOSITE**
[72] FAULKNER, DALE, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2019-04-16
[41] 2019-12-22
[30] EP (18275088.5) 2018-06-22

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[51] **Int.Cl. H01R 4/66 (2006.01) B64D 37/00 (2006.01) B64D 45/02 (2006.01) F16L 25/01 (2006.01) F16L 57/00 (2006.01)**
[25] EN
[54] **BONDING LINE ATTACHMENT**
[54] **FIXATION DE LIGNE DE LIAISON**
[72] FAULKNER, DALE, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2019-04-18
[41] 2019-12-22
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[13] A1
[51] **Int.Cl. A01B 69/02 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MARKER ARM SPRING RETAINER**
[54] **DISPOSITIF DE RETENUE DU RESSORT DU BRAS DU TRACEUR**
[72] ELWING, BRENT, US
[72] ANDERSON, BRIAN J., US
[72] JOHNSON, CHAD M., US
[72] HARNETIAUX, TRAVIS L., US
[72] DIENST, JOHNATHON R., US
[72] DINNON, PATRICK, US
[72] CONNORS, MICHAEL J., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2019-05-08
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[30] US (16/018,844) 2018-06-26

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **INDIVIDUAL ROW VACUUM SYSTEM**
[54] **SYSTEME DE VIDE A UNE RANGEE**
[72] WANG, LING, CA
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2019-05-08
[41] 2019-12-26
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[25] EN
[54] **MAGNETIC MARKER ARM RETENTION**
[54] **DISPOSITIF DE RETENUE DU BRAS DU MARQUEUR MAGNETIQUE**
[72] DIENST, JOHNATHON R., US
[72] DINNON, PATRICK, US
[72] CONNORS, MICHAEL J., US
[72] ELWING, BRENT, US
[72] ANDERSON, BRIAN J., US
[72] JOHNSON, CHAD M., US
[72] HARNETIAUX, TRAVIS L., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2019-05-08
[41] 2019-12-26
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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **FLOW SPLITTING CONTROL VALVE FOR SECONDARY HEADER**
[54] **SOUPAPE DE COMMANDE DE SEPARATION DE DEBIT POUR UN EN-TETE SECONDAIRE**
[72] HENRY, JAMES W., CA
[72] NOBLE, SCOTT D., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2019-05-08
[41] 2019-12-27
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[51] **Int.Cl. B64C 1/10 (2006.01) B64D 37/04 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **PRESSURE BULKHEAD FOR A PRESSURIZED FUSELAGE OF A VEHICLE**
[54] **CLOISON DE PRESSURISATION POUR LE FUSELAGE PRESSURISE D~UN VEHICULE**
[72] WESSELOH, MARC, DE
[72] MERTEN, ANNALENA, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2019-05-08
[41] 2019-12-27
[30] DE (102018115541.7) 2018-06-27

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[51] **Int.Cl. B63H 5/20 (2006.01) B63H 5/125 (2006.01) B63H 23/34 (2006.01) B63H 25/42 (2006.01)**
[25] EN
[54] **RETRACTABLE THRUSTER AND DRIVE SHAFT FOR RETRACTABLE THRUSTER**
[54] **PROPULSEUR RETRACTABLE ET ARBRE D~ENTRAINEMENT POUR UN PROPULSEUR RETRACTABLE**
[72] WILSON, SEAN DANIEL, GB
[72] HENLY, NICHOLAS, GB
[71] LEWMAR LIMITED, GB
[22] 2019-05-06
[41] 2019-12-22
[30] GB (1810302.8) 2018-06-22

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[13] A1
[51] **Int.Cl. H01P 5/107 (2006.01)**
[25] EN
[54] **ARRAYED WAVEGUIDE-TO-PARALLEL-PLATE TWIST TRANSITION WITH HIGHER-ORDER MODE OPTIMIZATION**
[54] **TRANSITION DE LA PLAQUE PARALLELE A GUIDE D~ONDES DISPOSEE AVEC UNE OPTIMISATION DE MODE D~ORDRE ELEVE**
[72] MILROY, WILLIAM, US
[72] HASHEMI-YEGANEH, SHAHROKH, US
[71] THINKOM SOLUTIONS, INC., US
[22] 2019-05-13
[41] 2019-12-22
[30] US (16/015,232) 2018-06-22

[21] **3,043,562**
[13] A1
[51] **Int.Cl. G08B 13/194 (2006.01) G06F 21/32 (2013.01) G07F 19/00 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **TRANSACTION TERMINAL SILENT ALERT SYSTEMS**
[54] **SYSTEMES D~ALERTE SILENCIEUSE DU TERMINAL DE TRANSACTION**
[72] PHAM, VINCENT, US
[72] TAYLOR, KENNETH, US
[72] ABAD, FARDIN ABDI TAGHI, US
[72] TRUONG, ANH, US
[72] GOODSITT, JEREMY, US
[72] WALTERS, AUSTIN, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-15
[41] 2019-12-27
[30] US (16/020,347) 2018-06-27

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[13] A1
[51] **Int.Cl. G01R 19/165 (2006.01) G01R 19/00 (2006.01) G01R 35/00 (2006.01) H02J 4/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING THE ABSENCE OF VOLTAGE**
[54] **APPAREIL ET PROCEDE DE DETECTION DE L~ABSENCE DE TENSION**
[72] BOLLMAN, ANDREW, US
[72] GUITAR, SEAN, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2019-05-21
[41] 2019-12-25
[30] US (16/017,818) 2018-06-25

[21] **3,043,907**
[13] A1
[51] **Int.Cl. E04B 1/86 (2006.01) F21K 9/00 (2016.01) E04B 9/04 (2006.01) F21V 21/02 (2006.01) F21V 23/00 (2015.01) F21V 33/00 (2006.01)**
[25] EN
[54] **SOUND-ABSORBING DEVICE**
[54] **DISPOSITIF ABSORBANT LES SONS**
[72] STEINEL, EWALD, DE
[71] LTS LICHT & LEUCHTEN GMBH, DE
[22] 2019-05-21
[41] 2019-12-25
[30] EP (18179469.4) 2018-06-25

[21] **3,044,174**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **STAPLING DEVICE WITH SELECTIVELY ADVANCEABLE ALIGNMENT PIN**
[54] **DISPOSITIF D~AGRAFAGE AYANT UNE GOUPILLE DE POSITIONNEMENT POUVANT ETRE AVANCEE DE MANIERE SELECTIVE**
[72] SHANKARSETTY, JEEVAN MADDUR, IN
[72] VARADHAN, SRIDHARAN, CN
[71] COVIDIEN LP, US
[22] 2019-05-24
[41] 2019-12-25
[30] US (16/016,759) 2018-06-25

[21] **3,044,215**
[13] A1
[51] **Int.Cl. B61D 49/00 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **CLADDING ARRANGEMENT FOR A VEHICLE**
[54] **ENSEMBLE D~HABILLAGE D~UN VEHICULE**
[72] GAGEIK, MANUEL ALEXANDER, DE
[72] GRZONA, ANDREAS, DE
[72] KRAUSE, MARTIN, DE
[72] MOSHAMMER, THOMAS, AT
[72] PRIX, ALEXANDER, AT
[71] SIEMENS AG OSTERREICH, AT
[22] 2019-05-24
[41] 2019-12-22
[30] AT (A50519/2018) 2018-06-22

[21] **3,044,237**
[13] A1
[51] **Int.Cl. B64C 11/00 (2006.01) B64C 19/00 (2006.01) G01D 5/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROPELLER FEEDBACK RING POSITION DETECTION**
[54] **SYSTEME ET PROCEDE DE DETECTION DE LA POSITION DE LA BOUCLE DE RETROACTION DES HELICES**
[72] MARONE, JOSEPH ERNESTO, CA
[72] FARRELL, IAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-05-23
[41] 2019-12-27
[30] US (16/020,930) 2018-06-27

[21] **3,044,239**
[13] A1
[51] **Int.Cl. B64D 45/00 (2006.01) B64D 31/00 (2006.01) G01S 13/95 (2006.01) G01W 1/00 (2006.01)**
[25] EN
[54] **INCLEMENT WEATHER DETECTION IN AIRCRAFT**
[54] **DETECTION DE CONDITIONS METEOROLOGIQUES DEFAVORABLES DANS L~AERONEF**
[72] JOSHI, NINAD, CA
[72] WANG, YEN-WEN, CA
[72] YEE, TONY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-05-23
[41] 2019-12-22
[30] US (16/015,621) 2018-06-22

[21] **3,044,320**
[13] A1
[51] **Int.Cl. B64C 27/32 (2006.01) B64D 47/02 (2006.01) G02B 6/42 (2006.01)**
[25] FR
[54] **OPTIC AND AIRCRAFT TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION OPTIQUE ET AERONEF**
[72] IMBERT, NICOLAS, FR
[72] CHUC, CHARLES, FR
[72] BOIRIVENT, NICOLAS, FR
[72] GIBERT, GAUTHIER, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2019-05-24
[41] 2019-12-28
[30] FR (1800663) 2018-06-28

[21] **3,044,396**
[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] FR
[54] **PLANTING UNIT WITH A SUPPORT AND SEED PLANTER INCLUDING SUCH UNITS**
[54] **UNITE D'IMPLANTATION AVEC UN ORGANE D'APPUI ET SEMOIR COMPRENANT DE TELLES UNITES**
[72] VIRIAT, LAURENT, FR
[71] KUHN S.A., FR
[22] 2019-05-27
[41] 2019-12-22
[30] FR (1855556) 2018-06-22

[21] **3,044,469**
[13] A1
[51] **Int.Cl. C07D 493/10 (2006.01)**
[25] EN
[54] **ULTRAVIOLET ABSORBING COMPOUND AND APPLICATIONS THEREOF**
[54] **COMPOSES ABSORBANT LES RAYONS ULTRAVIOLETS ET APPLICATIONS CONNEXES**
[72] CHIU, CHINGFAN CHRIS, CN
[72] CHANG, WEI-CHUN, CN
[72] WU, HUANG-MIN, CN
[72] HUANG, YI-SHUO, CN
[71] CHITEC TECHNOLOGY CO., LTD., CN
[22] 2019-05-27
[41] 2019-12-26
[30] TW (107121886) 2018-06-26

[21] **3,044,649**
[13] A1
[51] **Int.Cl. B60Q 1/40 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **CAMERA-BASED AUTOMATIC TURN SIGNAL DEACTIVATION**
[54] **DESACTIVATION AUTOMATIQUE DES FEUX CLIGNOTANTS FONCTIONNANT PAR CAMERA**
[72] LOTZ, JOSEF, US
[71] PACCAR INC, US
[22] 2019-05-29
[41] 2019-12-28
[30] US (16/021483) 2018-06-28

[21] **3,044,759**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **COMPRESSION OF DATA ATTRIBUTES**
[54] **COMPRESSION DES ATTRIBUTS DE DONNEES**
[72] GOETERS, JEFF, US
[71] NEOPOST TECHNOLOGIES, FR
[22] 2019-05-30
[41] 2019-12-28
[30] US (62/691,062) 2018-06-28
[30] US (16/229,543) 2018-12-21

[21] **3,044,966**
[13] A1
[51] **Int.Cl. B60R 9/06 (2006.01) A01B 59/06 (2006.01) B60R 9/08 (2006.01)**
[25] EN
[54] **HITCH STINGER WITH FLAT SURFACE WEDGES**
[54] **ELINDE D~ATTELAGE PRESENTANT DES SURFACES DE COIN PLATES**
[72] VIKLUND, MARK, SE
[71] THULE SWEDEN AB, SE
[22] 2019-06-03
[41] 2019-12-25
[30] US (16/017,431) 2018-06-25

[21] **3,044,984**
[13] A1
[51] **Int.Cl. B60D 1/58 (2006.01) B60D 1/48 (2006.01)**
[25] EN
[54] **AUTOMATIC SECUREMENT PIN SYSTEM FOR A HITCH CONNECTOR**
[54] **SYSTEME DE BROCHE DE FIXATION AUTOMATIQUE D~UN RACCORD D~ATTELAGE**
[72] VIKLUND, MARK, SE
[71] THULE SWEDEN AB, SE
[22] 2019-06-03
[41] 2019-12-22
[30] US (16/015,445) 2018-06-22

[21] **3,044,994**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **DECOY BILLING ADDRESS**
[54] **ADRESSE DE FACTURATION DU LEURRE**
[72] EDWARDS, JOSHUA, US
[72] BENKREIRA, ADBELKADER, US
[72] MOSSOBA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-06-03
[41] 2019-12-28
[30] US (16/021,961) 2018-06-28

[21] **3,045,171**
[13] A1
[51] **Int.Cl. G05D 15/01 (2006.01) H02P 29/40 (2016.01) B23K 9/133 (2006.01)**
[25] EN
[54] **PUSH-PULL WIRE FEED CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D~ALIMENTATION EN FIL A POUSSER OU A TRIER**
[72] ELDRIDGE, RICHARD ALLEN, US
[71] THE ESAB GROUP INC., US
[22] 2019-06-05
[41] 2019-12-26
[30] US (16/018,377) 2018-06-26

[21] **3,045,506**
[13] A1
[51] **Int.Cl. B64C 1/40 (2006.01) F16K 7/18 (2006.01) F16K 24/06 (2006.01) F16L 59/05 (2006.01)**
[25] EN
[54] **INSULATION PACK HAVING DRYING OPENINGS, FOR THERMALLY AND ACOUSTICALLY INSULATING AN AIRCRAFT**
[54] **GARNITURE D~ISOLATION AYANT DES OUVERTURES DE SECHAGE SERVANT A ISOLER THERMIQUEMENT ET ACOUSTIQUEMENT UN AERONEF**
[72] WESSELOH, MARC, DE
[72] MUELLER, RAINER, DE
[72] KERBER, MARKUS, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2019-06-07
[41] 2019-12-28
[30] DE (102018115614.6) 2018-06-28

[21] **3,045,549**
[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) G01M 3/00 (2006.01) G01M 3/26 (2006.01)**
[25] EN
[54] **ENHANCED RIG CHECK AND LEAK DETECTION OF AIRCRAFT DOORS**
[54] **VERIFICATION APPROFONDIE DU MATERIEL ET DETECTION DES FUITES DES PORTES D~AERONEF**
[72] BERKEY, TYLER EMERSON, US
[72] GEMECHU, EMNET T., US
[71] THE BOEING COMPANY, US
[22] 2019-06-06
[41] 2019-12-27
[30] US (16/019,946) 2018-06-27

[21] **3,046,279**
[13] A1
[51] **Int.Cl. D06M 15/19 (2006.01)**
[25] EN
[54] **USE OF POLYESTER TEREPHTHALATE TO REDUCE MALODOUR ON FABRICS**
[54] **UTILISATION DU POLYETHYLENE TEREPHTALATE POUR REDUIRE LA MAUVAISE ODEUR DES TISSUS**
[72] MAES, JEF ANNIE ALFONS, BE
[72] DEPOOT, KAREL JOZEF MARIA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2019-06-13
[41] 2019-12-22
[30] EP (18179388.6) 2018-06-22

[21] **3,046,765**
[13] A1
[51] **Int.Cl. E04G 17/065 (2006.01) E04G 11/06 (2006.01) E04G 11/08 (2006.01)**
[25] EN
[54] **VERTICAL FORMWORK**
[54] **COFFRAGE VERTICAL**
[72] COLINO VEGA, MANUEL, ES
[71] ULMA C Y E, S. COOP., ES
[22] 2019-06-17
[41] 2019-12-22
[30] EP (EP18382460.6) 2018-06-22

[21] **3,046,907**
[13] A1
[51] **Int.Cl. F24F 11/62 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HEATING AUTO-SETBACK**
[54] **PROCEDE ET SYSTEME PERMETTANT L~ABAISSEMENT AUTOMATIQUE DU CHAUFFAGE**
[72] BRAHME, ROHINI, US
[72] OLSEN, MARK, US
[71] LENNOX INDUSTRIES INC., US
[22] 2019-06-18
[41] 2019-12-27
[30] US (16/019,784) 2018-06-27

[21] **3,047,300**
[13] A1
[51] **Int.Cl. B67D 1/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPENSING A HEATED LIQUID FOODSTUFF**
[54] **APPAREIL DESTINE A DISTRIBUER DES ALIMENTS LIQUIDES CHAUFFES**
[72] SELBACH, TORSTEN, DE
[71] FRIEDHELM SELBACH GMBH, DE
[22] 2019-06-19
[41] 2019-12-26
[30] DE (102018115357.0) 2018-06-26

[21] **3,047,432**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) G08G 1/0968 (2006.01) G08G 1/16 (2006.01)**
[25] FR
[54] **ELECTRONIC DEVICE AND MONITORING PROCESS FOR A GROUP OF AUTONOMOUS MOTOR VEHICLES, ASSOCIATED TRANSPORT SYSTEM AND COMPUTER PROGRAM**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE SURVEILLANCE D'UN ENSEMBLE DE VEHICULES AUTOMOBILES AUTONOMES, STSTEME DE TRANSPORT ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] BEAUVILLAIN, ALEXIS, FR
[71] TRANSDEV GROUP, FR
[22] 2019-06-19
[41] 2019-12-26
[30] FR (1855699) 2018-06-26

[21] **3,047,442**
[13] A1
[51] **Int.Cl. G03G 15/04 (2006.01) G02F 1/1333 (2006.01) G02F 1/136 (2006.01)**
[25] EN
[54] **NON MECHANICAL OPTICAL BEAM STEERING MECHANISM FOR LASER PRINTERS**
[54] **MECANISME DE DIRECTION D~UN FAISCEAU OPTIQUE NON MECANIQUE DANS DES IMPRIMANTES A LASER**
[72] WURMFELD, DAVID K., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-06-20
[41] 2019-12-22
[30] US (16/015912) 2018-06-22

[21] **3,047,455**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 16/955 (2019.01)**
[25] EN
[54] **INCENTING A CONSUMER TO VIEW AN ONLINE ADVERTISEMENT OF A MERCHANT WITH WHOM THE CONSUMER WAS UNLIKELY TO HAVE MULTIPLE PRIOR TRANSACTIONS**
[54] **INCITATIF OFFERT A UN CONSOMMATEUR POUR VISIONNER UNE PUBLICITE EN LIGNE D~UN MARCHAND AUPRES DUQUEL LE CONSOMMATEUR ETAIT PEU SUSCEPTIBLE D~AVOIR EFFECTUE DE MULTIPLES TRANSACTIONS PREALABLES**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] BATES, MATTHEW ARNOLD MACPHERSON, CA
[71] EDATANETWORKS INC., CA
[22] 2019-06-20
[41] 2019-12-22
[30] US (62/688,799) 2018-06-22
[30] US (16/444,315) 2019-06-18

[21] **3,047,456**
[13] A1
[51] **Int.Cl. C09D 11/101 (2014.01) B41F 7/02 (2006.01)**
[25] EN
[54] **LED CURABLE OFFSET PRINTING INK COMPOSITION**
[54] **COMPOSITION D~ENCRE D~IMPRIMERIE OFFSET TRAITABLE AUX DEL**
[72] ALLEN, C. GEOFFREY, CA
[72] MOORLAG, CAROLYN, CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[71] XEROX CORPORATION, US
[22] 2019-06-20
[41] 2019-12-22
[30] US (16/015982) 2018-06-22

[21] **3,047,457**
[13] A1
[51] **Int.Cl. C08L 101/12 (2006.01) C09D 11/101 (2014.01) B41F 7/02 (2006.01) C08J 3/28 (2006.01)**
[25] EN
[54] **LED CURABLE COMPOSITIONS**
[54] **COMPOSITION TRAITABLE AUX DEL**
[72] ALLEN, C. GEOFFREY, CA
[72] MOORLAG, CAROLYN, CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[71] XEROX CORPORATION, US
[22] 2019-06-20
[41] 2019-12-22
[30] US (16/016035) 2018-06-22

[21] **3,047,458**
[13] A1
[51] **Int.Cl. B65G 21/12 (2006.01) B65G 21/14 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO MATERIAL PROCESSING APPARATUS**
[54] **AMELIORATIONS D~UN APPAREIL DE TRAITEMENT DE MATERIEL**
[72] GRINDEL, GERARD, GB
[72] BYRNE, RICHARD, GB
[71] TEREX GB LIMITED, GB
[22] 2019-06-20
[41] 2019-12-22
[30] GB (1810328.3) 2018-06-22

[21] **3,047,460**
[13] A1
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 39/10 (2006.01)**
[25] EN
[54] **BLENDED WING BODY AIRCRAFT**
[54] **FUSELAGE INTEGRE D~AERONEF**
[72] CHITTICK, IAN, CA
[72] RAKOWITZ, MARK, CA
[72] REIST, THOMAS, CA
[71] BOMBARDIER INC., CA
[22] 2019-06-20
[41] 2019-12-22
[30] US (62/688,909) 2018-06-22

[21] **3,047,464**
[13] A1
[51] **Int.Cl. A23N 12/00 (2006.01) A01G 3/00 (2006.01) A23N 15/00 (2006.01) B01F 3/12 (2006.01) B01F 9/00 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND SYSTEM FOR WET OR DRY PROCESSING OF PLANT MATERIAL**
[54] **APPAREIL, METHODE ET SYSTEME DE TRAITEMENT AU MOUILLE OU A SEC D~UN MATERIAU VEGETAL**
[72] HALL, PETER R., CA
[72] KOLESNYK, DMYTRO, CA
[71] 1167586 B.C. LTD., CA
[22] 2019-06-20
[41] 2019-12-22
[30] US (16016441) 2018-06-22

[21] **3,047,468**
[13] A1
[51] **Int.Cl. B24B 23/02 (2006.01)**
[25] EN
[54] **GEARHEAD AND HANDHELD POWER TOOL**
[54] **BOITE DE VITESSES ET OUTIL ELECTRIQUE PORTATIF**
[72] DURNEGGER, WOLFGANG, DE
[71] C. & E. FEIN GMBH, DE
[22] 2019-06-20
[41] 2019-12-26
[30] DE (102018115303.1) 2018-06-26

[21] **3,047,472**
[13] A1
[51] **Int.Cl. B60K 15/067 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **SECONDARY CONTAINMENT FUEL TANK ASSEMBLY AND METHOD**
[54] **ASSEMBLAGE D~UN RESERVOIR D~ESSENCE SECONDAIRE ET METHODE**
[72] BEAULIEU, MARC, CA
[72] BEAULIEU, CARL, CA
[71] ATELIER GERARD BEAULIEU INC., CA
[22] 2019-06-20
[41] 2019-12-25
[30] US (62/763,589) 2018-06-25

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[13] A1
[51] **Int.Cl. A61M 25/16 (2006.01) A61M 25/09 (2006.01) B21F 3/04 (2006.01)**
[25] EN
[54] **PRODUCING A GUIDEWIRE COMPRISING A POSITION SENSOR**
[54] **PRODUCTION D~UN FIL-GUIDE COMPRENANT UN CAPTEUR DE POSITION**
[72] ALGAWI, YEHUDA, IL
[72] GOVARI, ASSAF, IL
[72] SITNITSKY, ILYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-06-20
[41] 2019-12-28
[30] US (16/022,562) 2018-06-28

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[13] A1
[51] **Int.Cl. A62C 2/06 (2006.01) E04B 1/94 (2006.01) E06B 5/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DOOR CLEARANCE MODIFICATION**
[54] **SYSTEMES ET METHODES POUR EFFECTUER UNE MODIFICATION D~UN JEU DE PORTE**
[72] GOLDENSE, PAUL M., US
[71] GOLDENSE OPENING SOLUTIONS LLC, US
[22] 2019-06-20
[41] 2019-12-22
[30] US (62/688,783) 2018-06-22
[30] US (62/765,296) 2018-08-20

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[13] A1
[51] **Int.Cl. B27B 1/00 (2006.01)**
[25] EN
[54] **COMPUTER-ASSISTED SHINGLE SAWING METHOD AND INSTALLATION**
[54] **PROCEDE ET INSTALLATION DE SCIAGE DE BARDEAUX ASSISTE PAR ORDINATEUR**
[72] MICHAUD, PIERRE, CA
[71] CLAIR INDUSTRIAL DEVELOPMENT CORPORATION LTD., CA
[22] 2019-06-20
[41] 2019-12-27
[30] US (62/763,642) 2018-06-27

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[13] A1
[51] **Int.Cl. F04B 47/00 (2006.01) E21B 43/12 (2006.01) F04B 17/00 (2006.01) F04B 23/04 (2006.01) F04B 35/02 (2006.01) F04B 35/04 (2006.01) F04B 47/06 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **DOWNHOLE SOLID STATE PUMPS**
[54] **POMPES DE FOND DE PUITS A SEMICONDUCTEURS**
[72] FRANTZ, ROBERT A., III, US
[72] O'NEILL, CONAL H., US
[72] MARRERO, LUCAS, US
[72] ROMER, MICHAEL C., US
[72] HALL, TIMOTHY J., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2019-06-21
[41] 2019-12-22
[30] US (62/688,731) 2018-06-22

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[13] A1
[51] **Int.Cl. G16H 30/00 (2018.01) G06T 7/10 (2017.01) A61B 6/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING TUMOR BURDEN IN MEDICAL IMAGES**
[54] **METHODE ET SYSTEME DE DETERMINATION D~UNE CHARGE TUMORALE DANS DES IMAGES MEDICALES**
[72] GUPTA, MAYANK, IN
[72] SPOTTISWOODE, BRUCE S., US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[22] 2019-06-21
[41] 2019-12-25
[30] US (16/016998) 2018-06-25

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[13] A1
[51] **Int.Cl. C09D 163/00 (2006.01) C09D 7/63 (2018.01)**
[25] EN
[54] **EPOXY COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D~EPOXY ET METHODES D~UTILISATION**
[72] ZHANG, TAO, US
[72] VANDEZANDE, GERALD, US
[72] MADISON, PHILLIP H., US
[71] ENNIS-FLINT, INC., US
[22] 2019-06-21
[41] 2019-12-22
[30] US (62/688,535) 2018-06-22

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[13] A1
[51] **Int.Cl. C10M 109/02 (2006.01) C10M 101/04 (2006.01)**
[25] EN
[54] **ORGANIC LUBRICANT**
[54] **LUBRIFIANT ORGANIQUE**
[72] MASSEY, OWEN N., US
[72] MASSEY, FRED P., US
[71] MJ RESEARCH & DEVELOPMENT, LP, US
[22] 2019-06-21
[41] 2019-12-27
[30] US (62/690,628) 2018-06-27

[21] **3,047,637**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/06 (2012.01) G06Q 20/38 (2012.01) G06Q 30/06 (2012.01) G06F 16/27 (2019.01)**
[25] EN
[54] **BLOCKCHAIN TRACKING AND MANAGING OF TRANSACTION INCENTED BY A MERCHANT DONATION TO A CONSUMER AFFINITY**
[54] **SUIVI DE LA CHAINE DE BLOCS ET GESTION DES TRANSACTIONS ENCOURAGEES PAR UN DON EFFECTUE PAR UN MARCHAND A LA CONVENANCE D~UN CONSOMMATEUR**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] BATES, MATTHEW ARNOLD MACPHERSON, CA
[72] KIMBALL, MICHAEL J., US
[71] EDATANETWORKS INC., CA
[22] 2019-06-21
[41] 2019-12-22
[30] US (62/688,814) 2018-06-22
[30] US (16/446,728) 2019-06-20

[21] **3,047,652**
[13] A1
[51] **Int.Cl. F16L 59/00 (2006.01) C03C 25/25 (2018.01) E04B 1/76 (2006.01)**
[25] EN
[54] **LOW DENSITY LOOSEFILL INSULATION**
[54] **ISOLANT DE REMPLISSAGE DE FAIBLE DENSITE**
[72] DOWNEY, WILLIAM E., US
[72] SCHWEIGER, SCOTT, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2019-06-21
[41] 2019-12-25
[30] US (62/689,331) 2018-06-25

[21] **3,047,654**
[13] A1
[51] **Int.Cl. H04L 12/723 (2013.01) H04L 9/32 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **VXLAN IMPLEMENTATION METHOD, NETWORK DEVICE, AND COMMUNICATIONS SYSTEM**
[54] **METHODE DE MISE EN ~UVRE DU VXLAN, APPAREIL RESEAU ET SYSTEME DE COMMUNICATION**
[72] YU, BIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[22] 2019-06-21
[41] 2019-12-26
[30] CN (201810670379.5) 2018-06-26

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[13] A1
[51] **Int.Cl. B04C 5/02 (2006.01) B04C 5/08 (2006.01)**
[25] EN
[54] **MODULAR CYCLONE**
[54] **CYCLONE MODULAIRE**
[72] BOWLEY, RYAN THOMAS, CA
[71] ENERCORP SAND SOLUTIONS INC., CA
[22] 2019-06-25
[41] 2019-12-26
[30] US (62/690,061) 2018-06-26

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[13] A1
[51] **Int.Cl. F15C 3/00 (2006.01) B64C 13/40 (2006.01) F16K 31/00 (2006.01)**
[25] EN
[54] **HYDRAULIC STAGE**
[54] **SCENE HYDRAULIQUE**
[72] MEDAGLIA, AGOSTINO, IT
[71] MICROTECNICA S.R.L., IT
[22] 2019-06-20
[41] 2019-12-25
[30] EP (18179688.9) 2018-06-25

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[13] A1
[51] **Int.Cl. A61K 51/04 (2006.01)**
[25] EN
[54] **RADIOPHARMACEUTICAL COMPOSITIONS OF RADIOACTIVE HALOGENATED BENZYLGUANIDINE**
[54] **COMPOSITIONS RADIOPHARMACEUTIQUES DE BENZYLGUANIDINE HALOGENEE RADIOACTIVE**
[72] RIDDOCH, ROBERT WILLIAM, CA
[72] XIQUES CASTILLO, ABMEL, CA
[71] JUBILANT DRAXIMAGE INC., CA
[22] 2019-06-21
[41] 2019-12-22
[30] US (62/688,470) 2018-06-22

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[13] A1
[51] **Int.Cl. F16L 19/028 (2006.01) F16L 19/06 (2006.01)**
[25] EN
[54] **COMPOSITE TUBE CONNECTOR ASSEMBLY**
[54] **ENSEMBLE DE CONNEXION TUBULAIRE COMPOSITE**
[72] POLLITT, WILL, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2019-06-21
[41] 2019-12-25
[30] EP (18275091.9) 2018-06-25

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[51] **Int.Cl. E04F 21/06 (2006.01)**
[25] EN
[54] **MUD APPLICATOR**
[54] **POMPE A BOUE**
[72] PONTECORVO, GARY J., US
[71] PONTECORVO, GARY J., US
[22] 2019-06-21
[41] 2019-12-22
[30] US (62/688,508) 2018-06-22

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[13] A1
[51] **Int.Cl. H04J 3/10 (2006.01) A61B 5/0402 (2006.01) A61B 5/06 (2006.01) H04Q 11/04 (2006.01) A61B 5/042 (2006.01) H01L 27/00 (2006.01)**
[25] EN
[54] **SIGNAL QUALITY IN A MULTIPLEXING SYSTEM BY ACTIVELY DISCONNECTING UNUSED CONNECTIONS**
[54] **QUALITE DE SIGNAL DANS UN SYSTEME DE MULTIPLEXAGE EN DEBRANCHANT ACTIVEMENT LES CONNEXIONS NON UTILISEES**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-06-21
[41] 2019-12-25
[30] US (16/016,774) 2018-06-25

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[51] **Int.Cl. F03D 3/06 (2006.01) F03D 9/10 (2016.01) F03D 9/20 (2016.01) F03D 13/25 (2016.01)**
[25] EN
[54] **VERTICAL WIND MILL AND SOME USES THEREFOR**
[54] **TURBINE VERTICALE ET CERTAINES DE SES UTILISATIONS**
[72] UNKNOWN, XX
[71] GIRAULT, PHILIPPE, CA
[22] 2019-06-25
[41] 2019-12-22
[30] FR (18/55554) 2018-06-22
[30] US (62/865,206) 2019-06-22

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[13] A1
[51] **Int.Cl. B64D 9/00 (2006.01) B25J 18/00 (2006.01) B25J 18/02 (2006.01) B64C 39/02 (2006.01) B64D 1/22 (2006.01)**
[25] EN
[54] **SCISSOR ARM FOR UNMANNED ROBOTIC SYSTEM**
[54] **BRAS ARTICULE DE SYSTEME ROBOTIQUE SANS INTERVENTION HUMAINE**
[72] CHUNDI, VENKARA RAMA SUBBA RAO, US
[71] CHUNDI, VENKARA RAMA SUBBA RAO, US
[22] 2019-06-25
[41] 2019-12-26
[30] US (62/690,011) 2018-06-26

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[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **DRAW GAME TICKETS WITH EXTRA INSTANT GAME OPTION HAVING WIN STATUS DEPENDENT UPON PREVIOUS DRAW GAMES, AND INSTANT GAME TICKETS HAVING WIN STATUS DEPENDENT UPON PREVIOUS DRAW GAMES**
[54] **BILLET DE JEU DE TIR AU SORT AYANT UNE OPTION DE JEU SUPPLEMENTAIRE INSTANTANE DONT LA QUALITE DE BILLET GAGNANT DEPEND DE JEUX DE TIR AU SORT PRECEDENTS, ET DES BILLETS DE JEUX INSTANTANES DONT LA QUALITE DE BILLET GAGNANT DEPEND DE JEUX DE TIR AU SORT PRECEDENTS**
[72] BRESLO, WILLIAM F., US
[71] DIAMOND GAME ENTERPRISES, US
[22] 2019-06-21
[41] 2019-12-27
[30] US (16/020,182) 2018-06-27

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[51] **Int.Cl. C23C 30/00 (2006.01) C23C 14/35 (2006.01)**
[25] EN
[54] **COPPER-BASED ANTIMICROBIAL PVD COATINGS**
[54] **REVETEMENTS DE CUIVRE ANTIMICROBIENS PAR DEPOT PHYSIQUE EN PHASE VAPEUR**
[72] ANTON, BRYCE RANDOLPH, US
[72] PETERSON, NICHOLAS, US
[71] VAPOR TECHNOLOGIES, INC., US
[22] 2019-06-25
[41] 2019-12-27
[30] US (62/690,781) 2018-06-27
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[13] A1
[51] **Int.Cl. H04W 48/04 (2009.01) H04W 12/08 (2009.01) H04B 17/309 (2015.01) H04W 4/029 (2018.01)**
[25] EN
[54] **MULTI-GBPS WIRELESS DATA COMMUNICATION SYSTEM FOR VEHICULAR SYSTEMS**
[54] **SYSTEME DE TRANSMISSION DE DONNEES SANS FIL A VITESSE DE MULTIPLES GIGABITS PAR SECONDE POUR DES SYSTEMES VEHICULAIRES**
[72] BUSH, DAVID A., US
[72] KUMAR, ANIL, US
[72] YOUSIF, AZIZ, US
[71] THE BOEING COMPANY, US
[22] 2019-06-26
[41] 2019-12-28
[30] US (16/022637) 2018-06-28

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[51] **Int.Cl. G10L 21/0216 (2013.01) G10L 25/90 (2013.01) G10L 17/00 (2013.01) H04M 3/56 (2006.01) H04R 3/00 (2006.01) H04R 29/00 (2006.01)**
[25] EN
[54] **DOPPLER MICROPHONE PROCESSING FOR CONFERENCE CALLS**
[54] **TRAITEMENT DOPPLER DE MICROS LORS D~APPEL-CONFERENCE**
[72] WURMFELD, DAVID KELLY, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-06-26
[41] 2019-12-26
[30] US (16/019480) 2018-06-26

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[13] A1
[51] **Int.Cl. A61K 8/60 (2006.01) A61N 5/06 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING SKIN CONDITIONS USING LIGHT AND GLUCOSAMINE HYDROCHLORIDE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D~AFFECTIONS CUTANEES AU MOYEN DE LUMIERE ET DE CHLORHYDRATE DE GLUCOSAMINE**
[72] CHEN, MICHELLE, US
[72] FASSIH, ALI, US
[72] LI, JENNIFER M., US
[72] LI, WEN-HWA, US
[72] MOREIRA, LILIAM A., US
[72] PARSA, RAMINE, US
[72] SOUTHALL, MICHAEL D., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2019-06-26
[41] 2019-12-28
[30] US (16/021748) 2018-06-28

[21] **3,047,932**
[13] A1
[51] **Int.Cl. B02C 17/18 (2006.01) B02C 17/07 (2006.01)**
[25] EN
[54] **DISCHARGE END WALL SYSTEM**
[54] **SYSTEME DE PAROIS D~EXTREMITE DE DECHARGE**
[72] MCPHEE, ROBERT MICHAEL, CA
[72] KUMAR, PRAMOD, CA
[71] POLYCORP LTD., CA
[22] 2019-06-26
[41] 2019-12-26
[30] US (62/689,884) 2018-06-26

[21] **3,047,939**
[13] A1
[51] **Int.Cl. G06F 8/75 (2018.01) G06F 8/40 (2018.01)**
[25] EN
[54] **AUTOMATED EXTRACTION OF RULES EMBEDDED IN SOFTWARE APPLICATION CODE USING MACHINE LEARNING**
[54] **EXTRACTION AUTOMATISEE DE REGLES INTEGREES DANS LE CODE D~UN LOGICIEL AU MOYEN D~APPRENTISSAGE AUTOMATIQUE**
[72] RANGARAJAN, RAMA, IN
[72] MEHALINGAM, TAMILDURAI, IN
[72] RAVINDRANATH, YOGANANDA, IN
[72] SANTHANARAMAN, SAIROOPA, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2019-06-25
[41] 2019-12-25
[30] IN (201821023591) 2018-06-25

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[13] A1
[51] **Int.Cl. E04G 7/30 (2006.01)**
[25] EN
[54] **CONNECTOR**
[54] **RACCORD**
[72] JACKSON, DAVID GEORGE, CA
[72] JACKSON, BARRY WALTER, CA
[71] JACKSON, DAVID GEORGE, CA
[71] JACKSON, BARRY WALTER, CA
[22] 2019-06-26
[41] 2019-12-26
[30] US (62/689,921) 2018-06-26

[21] **3,047,946**
[13] A1
[51] **Int.Cl. F16B 2/08 (2006.01) A47B 13/02 (2006.01) A47B 21/00 (2006.01) F16B 7/08 (2006.01) F16B 12/52 (2006.01)**
[25] EN
[54] **FASTENING MECHANISM AND FURNITURE ASSEMBLY**
[54] **MECANISME D~ASSEMBLAGE ET MONTAGE D~UN MEUBLE**
[72] GOETTLER, JACOB, HK
[71] ZHEJIANG XINYI SHENGAO MECHANICAL TRANSMISSION CO., LTD., CN
[22] 2019-06-26
[41] 2019-12-27
[30] CN (201810680701.2) 2018-06-27

[21] **3,047,947**
[13] A1
[51] **Int.Cl. B01D 29/27 (2006.01) B01D 29/66 (2006.01)**
[25] EN
[54] **A VACUUM DUST EXTRACTOR**
[54] **EXTRACTEUR DE POUSSIERE A POMPE**
[72] DE KOCK, WERNER RUDOLPH, ZA
[71] DUST-A-SIDE INTERNATIONAL (PTY) LTD, ZA
[22] 2019-06-25
[41] 2019-12-25
[30] ZA (2018/04237) 2018-06-25

[21] **3,047,953**
[13] A1
[51] **Int.Cl. A62C 37/16 (2006.01)**
[25] EN
[54] **SPRINKLER HEAD WITH SMA SPRING AND COOLING APERTURES**
[54] **TETE D~EXTINCTEUR AYANT UN RESSORT EN ALLIAGE A MEMOIRE DE FORME ET DES OUVERTURES DE REFROIDISSEMENT**
[72] HYSLOP, WILLIAM J., US
[71] HYSLOP, WILLIAM J., US
[22] 2019-06-25
[41] 2019-12-25
[30] US (62/689.390) 2018-06-25
[30] US (62/767,812) 2018-11-15

[21] **3,047,963**
[13] A1
[51] **Int.Cl. C08H 8/00 (2010.01) B01D 37/00 (2006.01) D21C 1/00 (2006.01)**
[25] FR
[54] **LIGNO CELLULOSIC BIOMASS TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT DE BIOMASSE LIGNO-CELLULOSIQUE**
[72] AYMARD, CAROLINE, FR
[72] ROUSSET, ROMAIN, FR
[72] PEROTTA, LARISSA, FR
[72] KNOSPE, EMILIA, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] AGRO INDUSTRIES RECHERCHE ET DEVELOPPEMENT, FR
[22] 2019-06-25
[41] 2019-12-27
[30] FR (18/55.789) 2018-06-27

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[13] A1
[51] **Int.Cl. F16L 1/06 (2006.01)**
[25] EN
[54] **IN-TRENCH PIPELINE BALLAST DEVICE**
[54] **BALLAST DE PIPELINE EN TRANCHEE**
[72] CONNORS, GEOFF WEYMAN, CA
[71] 1552818 ONTARIO LIMITED, CA
[22] 2019-06-26
[41] 2019-12-28
[30] US (62/691,177) 2018-06-28

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[13] A1
[51] **Int.Cl. G16H 30/40 (2018.01) G16H 50/20 (2018.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF PERFORMING MEDICAL TREATMENT OUTCOME ASSESSMENT OR MEDICAL CONDITION DIAGNOSTIC**
[54] **METHODE ET SYSTEME D~EVALUATION DU RESULTAT D~UN TRAITEMENT MEDICAL OU DE POSE D~UN DIAGNOSTIC MEDICAL**
[72] SAVADJIEV, PETER, CA
[72] GALLIX, BENOIT, CA
[72] SIDDIQI, KALEEM, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING (MCGILL UNIVERSI), CA
[22] 2019-06-25
[41] 2019-12-25
[30] US (62/689,467) 2018-06-25
[30] US (62/848,649) 2019-05-16

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[13] A1
[51] **Int.Cl. E04C 3/07 (2006.01)**
[25] EN
[54] **SUPER SHEAR PANELS**
[54] **SUPER PANNEAUX DE MUR DE CONTREVENTEMENT**
[72] MCCARRON, DOUGLAS, US
[72] ODOM, DANIEL, US
[71] JOBSITE STEEL MANUFACTURING, LLC, US
[22] 2019-06-28
[41] 2019-12-28
[30] US (62/691,336) 2018-06-28

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[13] A1
[51] **Int.Cl. H05K 3/12 (2006.01) B41J 2/175 (2006.01) B41J 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRINTING CONDUCTIVE OBJECTS**
[54] **METHODES D~IMPRESSION D~OBJETS CONDUCTEURS**
[72] KEOSHKERIAN, BARKEV, CA
[72] GOREDEMA, ADELA, CA
[72] VELLA, SARAH J., CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] CHRETIEN, MICHELLE N., CA
[71] XEROX CORPORATION, US
[22] 2019-06-26
[41] 2019-12-28
[30] US (16/021367) 2018-06-28

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **VAPORIZER DEVICE**
[54] **VAPORISATEUR**
[72] ANDERSON, SAMUEL, US
[72] CHANG, WEI-LING, US
[72] CHEUNG, BRANDON, US
[72] CHRISTENSEN, STEVEN, US
[72] CHUN, JOSEPH, US
[72] FISHER, JOSEPH R., JR., US
[72] HATTON, NICHOLAS J., US
[72] LOMELI, KEVIN, US
[72] MONSEES, JAMES, US
[72] MURPHY, ANDREW L., US
[72] O'MALLEY, CLAIRE, US
[72] PHAM, HUGH, US
[72] PELOCHINO, JOHN R., US
[72] RAHANE, VIPUL V., US
[72] TASCHNER, MATTHEW J., US
[72] VALENTINE, VAL, US
[72] WONG, KENNETH, US
[71] JUUL LABS, INC., US
[22] 2019-06-27
[41] 2019-12-27
[30] US (62/690946) 2018-06-27
[30] US (62/780898) 2018-12-17
[30] US (62/801033) 2019-02-04

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[51] **Int.Cl. H01Q 1/44 (2006.01) E02D 29/14 (2006.01) F25D 9/00 (2006.01) F28D 21/00 (2006.01) F28F 7/00 (2006.01)**
[25] EN
[54] **ENCLOSURE COVER WITH AN ANTENNA**
[54] **COUVERCLE D~ENCEINTE DISPOSANT D~UNE ANTENNE**
[72] BELLOUL, BACHIR, GB
[72] RAVI, MONDAIR, GB
[71] IWIRELESS SOLUTIONS LTD, GB
[22] 2019-06-27
[41] 2019-12-27
[30] GB (1810549.4) 2018-06-27

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[13] A1
[51] **Int.Cl. A01K 15/02 (2006.01) G08B 3/10 (2006.01) G08B 5/36 (2006.01) H04L 12/28 (2006.01) H04R 1/08 (2006.01)**
[25] EN
[54] **INTERACTIVE DEVICE FOR ANIMALS AND METHOD THEREFOR**
[54] **APPAREIL INTERACTIF POUR ANIMAUX ET METHODE CONNEXE**
[72] HSU, HSUEH-FAR, CN
[72] WEI, HSIEN-CHING, CN
[72] LUO, KONG-CHE, CN
[72] CHANG, YO CHEN VICTOR, CN
[72] TSENG, CHIH-HSIN, CN
[71] TOMOFUN CO., LTD., CN
[22] 2019-06-26
[41] 2019-12-26
[30] US (16/018527) 2018-06-26

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[13] A1
[51] **Int.Cl. E21B 23/06 (2006.01) E21B 23/01 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **LATCH-AND-PERF SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE VERROUILLAGE ET DE PERFORATION**
[72] JENNINGS, STEVEN LEROY, CA
[72] DESRANLEAU, CHRISTOPHER DENIS, CA
[71] PACKERS PLUS ENERGY SERVICES, INC., CA
[22] 2019-06-26
[41] 2019-12-26
[30] US (62/690,310) 2018-06-26

[21] **3,048,024**
[13] A1
[51] **Int.Cl. H02M 5/00 (2006.01) H02M 1/42 (2007.01) H02J 3/26 (2006.01) H02M 1/12 (2006.01) G01R 31/04 (2006.01)**
[25] EN
[54] **NEUTRAL CONNECTION DETECTION METHOD FOR 3/4-WIRE ACTIVE FILTERS**
[54] **METHODE DE DETECTION D~UN CONDUCTEUR NEUTRE DANS LES FILTRES ACTIFS D~UN CABLE A TROIS/QUATRE FILS**
[72] BATCH, JOHN SIMON, US
[72] MARWALI, MOHAMMAD NANDA RAHMANA, US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2019-06-26
[41] 2019-12-27
[30] US (62/690.551) 2018-06-27
[30] US (16/164.026) 2018-10-18

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[13] A1
[51] **Int.Cl. G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING A SHIFT IN REAL DATA TREND USING THE CONFIGURABLE ADAPTIVE THRESHOLD**
[54] **SYSTEME ET METHODE DE DETECTION D~UN CHANGEMENT DANS LA TENDANCE DE DONNEES REELLES AU MOYEN D~UN SEUIL ADAPTATIF CONFIGURABLE**
[72] KIM, KYUSUNG, US
[72] HICKENBOTTOM, CHRISTOPHER, US
[72] ULUYOL, ONDER, US
[72] ERTL, LUKAS, US
[72] RUDOLECKY, TOMAS, US
[72] HRNCIR, ZDENEK, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2019-06-26
[41] 2019-12-28
[30] US (16/022059) 2018-06-28

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[13] A1
[51] **Int.Cl. F16L 5/02 (2006.01) E04B 1/66 (2006.01)**
[25] EN
[54] **FLASHING HOOD FOR UTILITY LINES**
[54] **CAPOT POUR LIGNES DE SERVICES**
[72] COSCARELLA, GABE, CA
[71] COSCARELLA, GABE, CA
[22] 2019-06-26
[41] 2019-12-26
[30] US (62/690,208) 2018-06-26

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[13] A1
[51] **Int.Cl. H04N 5/44 (2011.01) H04W 4/14 (2009.01) H04N 21/40 (2011.01) H04W 4/30 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTERACTIVE SET-TOP BOX SETUP**
[54] **SYSTEME ET METHODE DE CONFIGURATION D~UN BOITIER DECODEUR INTERACTIF**
[72] LATINI, PATRICIO, UY
[72] SILVA, SEBASTIAN, UY
[72] SICARDI, JUAN SEBASTIAN F., UY
[71] INTRAWAY R&D S.A., UY
[22] 2019-06-25
[41] 2019-12-25
[30] US (62/689,274) 2018-06-25

[21] **3,048,052**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 27/90 (2006.01)**
[25] EN
[54] **FLEXIBLE CERAMIC COIL CIRCUIT FOR HIGH TEMPERATURE NON-DESTRUCTIVE INSPECTION**
[54] **CIRCUIT DE SERPENTIN FLEXIBLE EN CERAMIQUE POUR LES INSPECTIONS NON DESTRUCTRICES A DES TEMPERATURES ELEVEES**
[72] STANTON, MATTHEW, US
[72] LIU, TRICIA, US
[71] OLYMPUS SCIENTIFIC SOLUTIONS TECHNOLOGIES INC., US
[22] 2019-06-26
[41] 2019-12-27
[30] US (62/690,525) 2018-06-27
[30] US (16/452,135) 2019-06-25

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[13] A1
[51] **Int.Cl. G06N 20/00 (2019.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR THE MEASUREMENT OF RELATIVE TRUSTWORTHINESS FOR TECHNOLOGY ENHANCED WITH AI LEARNING ALGORITHMS**
[54] **METHODES ET SYSTEMES DE MESURE DE LA FIABILITE RELATIVE D~UNE TECHNOLOGIE AMELIOREE PAR DES ALGORITHMES D~APPRENTISSAGE D~INTELLIGENCE ARTIFICIELLE**
[72] BHARGAVA, NIRAJ, CA
[72] SPECKEEN, FRED, CA
[72] STEEG, EVAN W., CA
[72] DELIGIANNIS, JORGE, CA
[72] GONNET, GASTON, CA
[71] NUENERGY.AI, CA
[22] 2019-06-27
[41] 2019-12-27
[30] US (62/690,519) 2018-06-27
[30] US (16/454,613) 2019-06-27

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[13] A1
[51] **Int.Cl. A61G 5/12 (2006.01)**
[25] EN
[54] **WHEELCHAIR FOOTREST ASSEMBLY**
[54] **ASSEMBLAGE DE REPOSE-PIEDS DE FAUTEUIL ROULANT**
[72] COUTURE, PIERRE-ANDRE, CA
[72] LAMARRE, MAXIME, CA
[72] FERON, GABRIEL, CA
[72] ARCHAMBAULT, MICHAEL, CA
[71] MOTION COMPOSITES INC., CA
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[54] **LUBRIFICATION DE VIS A BILLES**
[72] SOMERFIELD, MICHAEL, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
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[54] **PANNEAU COMPOSITE HAUTE PERFORMANCE DE PLANCHER CHAUFFANT**
[72] KRISHNAPPA, ARUNA KUMAR HULUVANGALA, IN
[72] MAHAPATRA, GURU PRASAD, IN
[71] GOODRICH AEROSPACE SERVICES PRIVATE LIMITED, IN
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[54] **PROCEDE DE COMMANDE D'UN DISTRIBUTEUR A TIROIR A TROIS POSITIONS**
[72] JUBERT, XAVIER, FR
[72] LECLERC, XAVIER, FR
[72] ERNIS, SEBASTIEN, FR
[71] SAFRAN LANDING SYSTEMS, FR
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[54] **MAGNETIC PICKUP CANCELLATION BY COMPENSATION LEADS**
[54] **ANNULATION DU CAPTAGE DE CHAMP MAGNETIQUE AU MOYEN DE CONDUCTEURS DE COMPENSATION**
[72] SHOSHAN, SHARONA BEN, IL
[72] KIDISHMAN, EDEN, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] FR
[54] **WHEEL ACTUATOR LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE D'ACTIONNEUR DE ROUE**
[72] BELLENGER, VINCENT, FR
[72] LIEGEOIS, PIERRE-YVES, FR
[72] DIJON, FABIEN, FR
[71] SAFRAN LANDING SYSTEMS, FR
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[54] **SYSTEME DE BOUCLIER**
[72] BECK, JASON, US
[71] TYR TACTICAL, LLC, US
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[54] **AUTOMATED BULK PRODUCT DISPENSER**
[54] **DISTRIBUTEUR AUTOMATIQUE DE PRODUITS EN VRAC**
[72] MACKAY, GEOFFREY D. C., CA
[72] FALCONI, CHRISTOPHER, CA
[71] MACKAY, GEOFFREY D. C., CA
[71] FALCONI, CHRISTOPHER, CA
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[54] **APPAREIL OPTIQUE A DIFFRACTION FOURNISSANT UNE LUMIERE STRUCTUREE**
[72] SALES, TASSO R. M., US
[72] CHAKMAKJIAN, STEPHEN H., US
[72] MORRIS, GEORGE MICHAEL, US
[71] VIAVI SOLUTIONS INC., US
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[25] FR
[54] **ELECTROMAGNETIC RETARDER AND GENERATOR SET AND VEHICLE INCLUDING SUCH SET**
[54] **ENSEMBLE RELENTISSEUR ELECTOMAGNETIQUE ET GENERATRICE ET VEHICULE COMPORTANT UN TEL ENSEMBLE**
[72] BERNICOT, MARIE-PIERRE, FR
[72] AKAFOU, MBAREK, FR
[72] LOUNIS, RAFIK, FR
[72] QUENNET, NICOLAS, FR
[71] TELMA, FR
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING THE USE OF A CARTRIDGE UNIT**
[54] **METHODE ET SYSTEME DE CONTROLE DE L~UTILISATION D~UNE CARTOUCHE**
[72] ROSENAU, DIRK, DE
[72] JAUERT, JOACHIM, DE
[72] LUNEBURG, ANDREAS, DE
[72] HEINRICH, CLEMENS, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
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[54] **GREASE RESISTANT PAPERBOARD AND PIZZA BOX MADE THEREWITH**
[54] **CARTON RESISTANT A LA GRAISSE ET BOITE A PIZZA CONSTITUEE DE CE MATERIAU**
[72] MACEACHEN, IAN, CA
[71] KRUGER HOLDINGS L.P., CA
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[25] EN
[54] **ACCESSIBLE CEILING BAFFLES WITH INTEGRATED LIGHTING, CUSTOM PERFORATION, AND ACOUSTICS**
[54] **ECRANS ACOUSTIQUES DE PLAFOND ACCESSIBLES COMPRENANT UN ECLAIRAGE, UNE PERFORATION PERSONNALISEE ET UNE ACOUSTIQUE**
[72] HETTWER, STEPHEN, US
[72] AHMADI, RANA, US
[72] LANGAN, JAMES, US
[71] USG INTERIORS, LLC, US
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[54] **LUBRICITY ADDITIVES FOR FUELS**
[54] **ADDITIFS DE LUBRIFIANCE POUR CARBURANTS**
[72] COLUCCI, WILLIAM, US
[72] CALDERONE, JOSEPH, US
[72] RUSSO, JOSEPH, US
[71] AFTON CHEMICAL CORPORATION, US
[22] 2019-08-02
[41] 2019-12-24
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING REAL-TIME SOLVENT CONFORMANCE ALONG A WELLBORE AND WITHIN A RESERVOIR**
[54] **SYSTEMES ET METHODES SERVANT A DETERMINER LA CONFORMITE D~UN SOLVANT EN TEMPS REEL LE LONG D~UN PUITS DE FORAGE ET DANS UN RESERVOIR**
[72] MACISAAC, GORDON D., CA
[72] WANG, JIANLIN, CA
[72] SUITOR, MATHEW D., CA
[72] DONG, LU, CA
[72] DADGOSTAR, NAFISEH, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **SYSTEMS AND METHODS FOR UPDATING HIGHLY AUTOMATED DRIVING MAPS**
[54] **SYSTEMES ET METHODES DE MISE A JOUR DE CARTES ROUTIERES GRANDEMENT AUTOMATISES**
[72] MA, TENG, CN
[72] QU, XIAOZHI, CN
[72] LI, BAOLI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[54] **ETALONNAGE DE CAPTEUR INTEGRE DANS LES SCENES NATURELLES**
[72] ZHU, XIAOLING, CN
[72] MA, TENG, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[25] EN
[54] **A HIGH-DEFINITION MAP ACQUISITION SYSTEM**
[54] **UN SYSTEME D'ACQUISITION DE CARTE HAUTE DEFINITION**
[72] MA, TENG, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[54] **METHOD FOR RECEIVING DOWNLINK SIGNAL IN WIRELESS COMMUNICTION SYSTEM ANDTERMINAL USING THE SAMEME**
[54] **METHODE DE RECEPTION DE SIGNAL DESCENDANT DANS UN SYSTEME DE COMMUNICATION SANS FIL ET TERMINAL EMPLOYANT LADITE METHODE**
[72] HWANG, DAESUNG, KR
[72] YI, YUNJUNG, KR
[72] SEO, INKWON, KR
[71] LG ELECTRONICS INC., KR
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[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **MULTIPLE SHUNT PRESSURE ASSEMBLY FOR GRAVEL PACKING**
[54] **DISPOSITIF DE PRESSION A DERIVATION MULTIPLE DESTINE A LA FORMATION DE MASSIF DE GRAVIER**
[72] COFFIN, MAXIME PHILIPPE, US
[72] FROSELL, THOMAS JULES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PRODUCT, METHOD AND SMARTPHONE IMAGING ANALYSIS SYSTEM FOR MERCURY ION DETECTION**
[54] **PRODUIT, METHODE ET SYSTEME D'ANALYSE D'IMAGERIE PAR TELEPHONE INTELLIGENT POUR LA POUR LA DETECTION D'IONS DE MERCURE**
[72] LUO, YUNBO, CN
[72] XU, WENTAO, CN
[72] CHENG, NAN, CN
[72] HUANG, KUNLUN, CN
[72] XU, YUANCONG, CN
[72] YANG, ZHANSEN, CN
[71] CHINA AGRICULTURAL UNIVERSITY, CN
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[87] (3053677)
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[54] **DEVICE AND METHOD FOR DETERMINING SURFACE TOPOLOGY AND ASSOCIATED COLOR**
[54] **DISPOSITIF ET METHODE DE DETERMINATION DE LA TOPOLOGIE DE SURFACE ET COULEUR ASSOCIEE**
[72] TEWES, MICHAEL, DE
[72] BERNER, MARKUS, DE
[71] DENTSPLY SIRONA INC., US
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[87] (3055365)
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[54] **DIP MOLDING COMPOSITION, METHOD OF PRODUCING GLOVE, AND GLOVE**
[54] **COMPOSITION DE MOULAGE PAR IMMERSION, MA~THODE DE PRODUCTION DA~~UN GANT ET LEDIT GANT**
[72] ENOMOTO, NORIHIDE, JP
[72] OGAWA, TAICHI, JP
[71] MIDORI ANZEN CO., LTD., JP
[85] 2019-11-12
[86] 2019-06-25 (PCT/JP2019/025226)
[87] (3061384)
[30] JP (2018-122417) 2018-06-27

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[54] **FUNGAL COMPOSITES COMPRISING MYCELIUM AND AN EMBEDDED MATERIAL**
[54] **COMPOSITION FONGIQUE RENFERMANT DU MYCELIUM ET UN MATERIAU INTEGRE**
[72] CHASE, JORDAN, US
[72] WENNER, NICHOLAS, US
[72] ROSS, PHILIP, US
[72] MORRIS, WILLIAM, US
[71] MYCOWORKS, INC., US
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[86] 2019-06-26 (PCT/US2019/039327)
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[51] **Int.Cl. F16K 1/42 (2006.01) F16K 3/24 (2006.01)**
[25] EN
[54] **MODULAR VALVE TRIM ASSEMBLY FOR USE IN A PROCESS CONTROL VALVE**
[54] **ENSEMBLE GARNITURE DE SOUPAPE MODULAIRE DESTINE A ETRE UTILISE DANS UNE SOUPAPE DE COMMANDE DE PROCESSUS**
[72] MCCARTY, MICHAEL W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[51] **Int.Cl. F16K 47/08 (2006.01)**
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[54] **METHOD OF MANUFACTURING A FLUID PRESSURE REDUCTION DEVICE**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE REDUCTION DE PRESSION DE FLUIDE**
[72] MCCARTY, MICHAEL W., US
[72] GABRIEL, THOMAS N., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[86] 2018-05-09 (PCT/US2018/031743)
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[25] EN
[54] **METHOD AND APPARATUS FOR LINEAR AND ROTATIONAL CONTAINER AGITATION**
[54] **PROCEDE ET APPAREIL D'AGITATION DE RECIPIENT LINEAIRE ET ROTATIF**
[72] BASSIK, RENEN, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2019-11-22
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[54] **BLADE CONTROL BELOW DESIGN**
[54] **COMMANDE DE LAME AU-DESSOUS DE LA CONCEPTION**
[72] METZGER, TONY R., US
[72] WIEWEL, BRUCE J., US
[72] POWERS, ROBERT L., US
[72] EVENSON, RICHARD R., US
[71] CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC, US
[71] CATERPILLAR INC., US
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[54] **CLEANING ARTICLE WITH DECORATIVE PARTICLES**
[54] **ARTICLE DE NETTOYAGE A PARTICULES DECORATIVES**
[72] TRUONG, MYHANH T., US
[72] SHINDE, SHRIDHAR B., IN
[72] MEHSIKOMER, GREGORY G., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. C09K 21/04 (2006.01) C08F 210/02 (2006.01)**
[25] EN
[54] **FIRE RETARDANT CABLES FORMED FROM HALOGEN-FREE AND HEAVY METAL-FREE COMPOSITIONS**
[54] **CABLES IGNIFUGES FORMES A PARTIR DE COMPOSITIONS EXEMPTES D'HALOGENE ET EXEMPTES DE METAUX LOURDS**
[72] LEE, ELLIOT BYUNGHWA, US
[72] CLANCY, TIMOTHY JOHN, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[54] **HOOD FOR SI-METAL TAPPING AND PROCESS FOR PRODUCTION OF SILICON USING SUCH A HOOD**
[54] **HOTTE POUR COULEE DE SI METALLIQUE ET PROCEDE DE PRODUCTION DE SILICIUM UTILISANT UNE TELLE HOTTE**
[72] BERTAKIS, EVANGELOS, DE
[72] EULENBERGER, RONALD, DE
[72] SCHEI, EINAR OLAV, NO
[71] WACKER CHEMIE AG, DE
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[54] **PROMOTERS FROM CORYNEBACTERIUM GLUTAMICUM AND USES THEREOF IN REGULATING ANCILLARY GENE EXPRESSION**
[54] **PROMOTEURS ISSUS DE CORYNEBACTERIUM GLUTAMICUM ET LEURS UTILISATIONS DANS LA REGULATION DE L'EXPRESSION GENIQUE ANCILLAIRE**
[72] SERBER, ZACH, US
[72] GORA, KATHERINE G., US
[72] MANCHESTER, SHAWN P., US
[72] ENYEART, PETER, US
[72] SHEARER, ALEXANDER, US
[71] ZYMERGEN INC., US
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[25] EN
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[54] **DISPOSITIF DE SEPARATION DE FLUIDE BIOLOGIQUE**
[72] IVOSEVIC, MILAN, US
[72] LI, PENG, US
[72] WENTZELL, SCOTT, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-11-22
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[25] EN
[54] **TOROIDAL HAND-HELD AUTOTRANSFORMER ASSEMBLY**
[54] **ENSEMBLE AUTOTRANSFORMATEUR TOROIDAL PORTATIF**
[72] OVANDO, ROBERTO BERNARDO BENEDICTO, US
[72] CAHILL, THOMAS, US
[72] ADAMCZYK, ROBERT F., US
[72] MORTIMER, JOHN JUSTIN, US
[71] RADYNE CORPORATION, US
[85] 2019-11-22
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[25] EN
[54] **HIGHLY REINFORCED IONOMER MEMBRANES FOR HIGH SELECTIVITY AND HIGH STRENGTH**
[54] **MEMBRANES IONOMERES HAUTEMENT RENFORCEES POUR UNE SELECTIVITE ELEVEE ET UNE RESISTANCE ELEVEE**
[72] SUZUKI, TAKEYUKI, JP
[72] AGAPOV, ALEXANDER, US
[72] EDMUNDSON, MARK, US
[71] W. L. GORE & ASSOCIATES, INC., US
[71] W. L. GORE & ASSOCIATES, CO., LTD., JP
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[54] **CARTON WITH LOCKING FEATURES**
[54] **CARTON COMPRENANT DES ELEMENTS DE VERROUILLAGE**
[72] OLIVEIRA, STEVEN M., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[30] US (62/533,268) 2017-07-17

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[51] **Int.Cl. B65D 71/56 (2006.01) B65D 71/58 (2006.01)**
[25] EN
[54] **CARRIER FOR CONTAINERS**
[54] **SUPPORTS POUR RECIPIENTS**
[72] HOLLEY, JOHN MURDICK, JR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[86] 2018-07-26 (PCT/US2018/043819)
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[51] **Int.Cl. G16B 20/20 (2019.01) G16B 30/10 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CORRELATED ERROR EVENT MITIGATION FOR VARIANT CALLING**
[54] **SYSTEMES ET PROCEDES D'ATTENUATION D'EVENEMENTS D'ERREURS CORRELES POUR UN APPEL DE VARIANTE**
[72] OJARD, ERIC JON, US
[71] ILLUMINA, INC., US
[85] 2019-11-22
[86] 2019-02-19 (PCT/US2019/018657)
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[25] EN
[54] **MIXING BOTTLE WITH MAGNETIC MIXING BLADE**
[54] **BOUTEILLE DE MELANGE A LAME DE MELANGE MAGNETIQUE**
[72] WAFA, ANAAM, US
[71] BEVSTIR INNOVATIONS INC., CA
[85] 2019-11-25
[86] 2017-02-24 (PCT/CA2017/050245)
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[30] US (62/353,554) 2016-06-23

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[25] EN
[54] **PORCINE EPIDEMIC DIARRHEA VIRUS-LIKE PARTICLES**
[54] **PARTICULES DE TYPE VIRUS DE LA DIARRHEE EPIDEMIQUE PORCINE**
[72] RIMA, MENASSA, CA
[72] ZAYN, KHAMIS, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINIST OF AGRICULTURE AND AGRI-FOOD, CA
[85] 2019-11-25
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[25] EN
[54] **MATERIAL FOR ENHANCING THE EFFECTS OF EXERCISE**
[54] **MATERIAU POUR ACCENTUER LES EFFETS DE L'EXERCICE**
[72] RUDAN, MICHAEL, CA
[71] RUDAN, MICHAEL, CA
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[87] (WO2018/014132)
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[54] **HIGH EFFICIENCY MULTIPLEXING**
[54] **MULTIPLEXAGE A HAUTE EFFICACITE**
[72] PRYSTUPA, DAVID, CA
[72] PACAK, JOHN, CA
[71] 10103560 CANADA LTD., CA
[85] 2019-11-25
[86] 2018-05-23 (PCT/CA2018/050599)
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[51] **Int.Cl. C12N 9/12 (2006.01)**
[25] EN
[54] **USE OF TERMINAL TRANSFERASE ENZYME IN NUCLEIC ACID SYNTHESIS**
[54] **UTILISATION D'ENZYME TRANSFERASE TERMINALE DANS LA SYNTHESE D'ACIDES NUCLEIQUES**
[72] CHEN, MICHAEL, GB
[72] MCINROY, GORDON, GB
[72] HUANG, JIAHAO, GB
[71] NUCLERA NUCLEICS LTD, GB
[85] 2019-11-25
[86] 2018-05-29 (PCT/GB2018/051449)
[87] (WO2018/215803)
[30] GB (1708503.6) 2017-05-26
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[25] EN
[54] **ASSAY FOR QUANTITATION OF PROTEINS AND PEPTIDES USING STABLE ISOTOPE STANDARDS**
[54] **DOSAGE POUR LA QUANTIFICATION DE PROTEINES ET DE PEPTIDES A L'AIDE DE NORMES D'ISOTOPES STABLES**
[72] LEBLANC, ANDRE MARC JOSEPH, CA
[72] SMITH, DEREK SCOTT, CA
[71] UVIC INDUSTRY PARTNERSHIPS INC., CA
[85] 2019-11-25
[86] 2017-04-07 (PCT/IB2017/052029)
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[25] EN
[54] **ORAL CARE CLEANING SYSTEM UTILIZING ENTRAINED FLUID**
[54] **SYSTEME DE NETTOYAGE DE SOIN BUCCAL UTILISANT UN FLUIDE ENTRAINE**
[72] DORWARD, BRIAN, US
[72] FOURRE, TARA, US
[72] MCDONOUGH, JUSTIN, US
[72] MIKSA, DAVIDE, US
[72] SEO, JIN, US
[72] SHARMA, DEEPAK, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2019-11-25
[86] 2018-05-16 (PCT/IB2018/053447)
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[30] US (15/611,031) 2017-06-01

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[51] **Int.Cl. H01B 7/295 (2006.01) C08K 3/22 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION FOR USE IN CABLES**
[54] **COMPOSITION POLYMERE DESTINEE A ETRE UTILISEE DANS DES CABLES**
[72] HALEY, JEFFREY CHARLES, US
[72] PALYAM, NAGARJUNA, US
[72] SCHNEIDER, CHRISTIAN, US
[72] RINGHAM, CHELSEA, US
[71] CELANESE EVA PERFORMANCE POLYMERS CORPORATION, US
[85] 2019-11-26
[86] 2018-06-27 (PCT/US2018/039776)
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[25] EN
[54] **GENETICALLY ATTENUATED NUCLEIC ACID VACCINE**
[54] **VACCIN GENETIQUEMENT ATTENUE A BASE D'ACIDE NUCLEIQUE**
[72] SHACKELTON, LAURA, US
[72] KERNER, MATTHEW, US
[71] SHACKELTON, LAURA, US
[71] KERNER, MATTHEW, US
[85] 2019-11-26
[86] 2018-06-01 (PCT/US2018/035591)
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[30] US (62/514,096) 2017-06-02

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[51] **Int.Cl. A61K 38/00 (2006.01)**
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[54] **PEPTIDE PAC1 ANTAGONISTS**
[54] **PEPTIDES ANTAGONISTES DE PAC1**
[72] CHEN, IRWIN, US
[72] CHONG, SU, US
[72] HARRINGTON, ESSA HU, US
[72] HONG, FANG-TSAO, US
[72] LONG, JASON C., US
[72] MIRANDA, LESLIE P., US
[71] AMGEN INC., US
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[86] 2018-06-01 (PCT/US2018/035597)
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[51] **Int.Cl. A61K 35/17 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ARTICLES OF MANUFACTURE AND METHODS FOR TREATMENT USING ADOPTIVE CELL THERAPY**
[54] **ARTICLES DE FABRICATION ET PROCEDES DE TRAITEMENT UTILISANT UNE THERAPIE CELLULAIRE ADOPTIVE**
[72] ALBERTSON, TINA, US
[71] JUNO THERAPEUTICS, INC., US
[85] 2019-11-26
[86] 2018-06-01 (PCT/US2018/035755)
[87] (WO2018/223101)
[30] US (62/514,774) 2017-06-02
[30] US (62/515,530) 2017-06-05
[30] US (62/521,366) 2017-06-16
[30] US (62/527,000) 2017-06-29
[30] US (62/549,938) 2017-08-24
[30] US (62/593,871) 2017-12-01
[30] US (62/596,764) 2017-12-08
[30] US (62/614,957) 2018-01-08
[30] US (62/580,425) 2017-11-01

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[51] **Int.Cl. G06K 7/10 (2006.01)**
[25] EN
[54] **AN ILLUMINATION DEVICE FOR AN OPTICAL SYSTEM OF A READER APPARATUS**
[54] **DISPOSITIF D'ECLAIRAGE POUR UN SYSTEME OPTIQUE D'UN APPAREIL DE LECTURE**
[72] HUOT, FRANCOIS, CH
[72] SEMPERE, PABLO, CH
[72] DINOEV, TODOR, CH
[72] DUCA, NICOLA, CH
[71] SICPA HOLDING SA, CH
[85] 2019-11-27
[86] 2018-05-17 (PCT/EP2018/062927)
[87] (WO2018/224283)
[30] EP (17174510.2) 2017-06-06

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[25] EN
[54] **COMBINATION OF REGORAFENIB AND PD-1/PD-L1(2) INHIBITORS FOR TREATING CANCER**
[54] **COMBINAISON DE REGORAFENIB ET D'INHIBITEURS DE PD-1/PD-L1(2) POUR LE TRAITEMENT DU CANCER**
[72] HOFF, SABINE, DE
[72] ROSE, LARS, DE
[72] ZOPF, DIETER, DE
[72] KIESSLING, FABIAN, DE
[72] LEDERLE, WILTRUD, DE
[72] DOLESCHEL, DENNIS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2019-11-27
[86] 2018-05-25 (PCT/EP2018/063785)
[87] (WO2018/219807)
[30] EP (17174169.7) 2017-06-02

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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/365 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **LIQUID CLEANSING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE LIQUIDE**
[72] YOKUBINAS, LEONORA, US
[72] KRISIAK, JESSICA ANN, US
[72] HERMANSON, KEVIN DAVID, US
[71] UNILEVER PLC, GB
[85] 2019-11-27
[86] 2018-05-25 (PCT/EP2018/063792)
[87] (WO2018/219812)
[30] EP (17174361.0) 2017-06-02

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 39/395 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PROMOTING NON-NATURAL AMINO ACID-CONTAINING PROTEIN PRODUCTION**
[54] **METHODES ET COMPOSITIONS DESTINEES A FAVORISER LA PRODUCTION DE PROTEINES CONTENANT DES ACIDES AMINES NON NATURELS**
[72] CHEN, SIGENG, US
[72] LU, YINGCHUN, US
[72] TIAN, FENG, US
[71] AMBRX, INC., US
[85] 2019-11-26
[86] 2018-06-02 (PCT/US2018/035764)
[87] (WO2018/223108)
[30] US (62/514,754) 2017-06-02

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[13] A1
[51] **Int.Cl. A01N 25/30 (2006.01) A01N 43/54 (2006.01) A01N 43/70 (2006.01) A01N 53/00 (2006.01) A01N 57/12 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01) A01P 13/00 (2006.01) A01P 21/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **AGROCHEMICAL ELECTROLYTE COMPOSITIONS**
[54] **COMPOSITIONS D'ELECTROLYTE AGROCHIMIQUES**
[72] WALL, JASON STEWART, US
[71] CRODA, INC., US
[85] 2019-11-26
[86] 2018-06-04 (PCT/US2018/035815)
[87] (WO2018/231567)
[30] US (62/518,866) 2017-06-13

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[51] **Int.Cl. C12N 5/07 (2010.01) C12N 5/071 (2010.01) C12N 5/074 (2010.01) A61K 35/36 (2015.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR CULTURING, PROLIFERATING, AND DIFFERENTIATING STEM CELLS**
[54] **PROCEDES ET MATERIELS POUR LA CULTURE, LA PROLIFERATION ET LA DIFFERENCIATION DE CELLULES SOUCHES**
[72] MARMORSTEIN, ALAN D., US
[72] GANDHI, JAREL K., US
[72] KNUDSEN, TRAVIS J., US
[72] HILL, MATTHEW S., US
[72] PULIDO, JOSE S., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2019-11-26
[86] 2018-06-05 (PCT/US2018/035992)
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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **BICYCLIC COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES BICYCLIQUES ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] SULLIVAN, ROBERT, US
[72] ERDMAN, PAUL E., US
[72] TORRES, EDUARDO, US
[72] FUNG, LEAH, US
[72] CHAN, KYLE W.H., US
[72] MERCURIO, FRANK, US
[71] BIOTHERYX, INC., US
[85] 2019-11-26
[86] 2018-06-06 (PCT/US2018/036276)
[87] (WO2018/231604)
[30] US (62/519,003) 2017-06-13

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[51] **Int.Cl. A61K 8/368 (2006.01) A61K 31/34 (2006.01)**
[25] EN
[54] **TREATMENT OF CUTANEOUS DISORDERS**
[54] **TRAITEMENT DES TROUBLES CUTANES**
[72] WELGUS, HOWARD, US
[72] DAVIDSON, MATTHEW, GENE, US
[72] RIEGER, JAYSON, MICHAEL, US
[71] VERRICA PHARMACEUTICALS, INC., US
[85] 2019-11-26
[86] 2018-06-06 (PCT/US2018/036353)
[87] (WO2018/226894)
[30] US (62/516,061) 2017-06-06

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[13] A1
[51] **Int.Cl. H04L 9/06 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **PARALLEL MAP AND REDUCE ON HASH CHAINS**
[54] **MAPPAGE ET REDUCTION EN PARALLELE SUR DES CHAINES DE HACHAGE**
[72] SCOTT, GLENN, US
[72] GABRIEL, MICHAEL R., US
[71] INTUIT INC., US
[85] 2019-11-26
[86] 2018-08-06 (PCT/US2018/045354)
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[30] US (15/789,700) 2017-10-20

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[13] A1
[51] **Int.Cl. H04N 21/438 (2011.01) H04N 21/258 (2011.01) H04N 21/6543 (2011.01) H04N 21/6547 (2011.01)**
[25] EN
[54] **CUSTOMIZED OVER-THE-AIR TELEVISION CHANNEL MAPPING FOR GEOGRAPHICAL AREA USING CROWDSOURCING OF OVER-THE-AIR TELEVISION CHANNELS**
[54] **MAPPAGE PERSONNALISE DE CANAUX RADIO DE TELEVISION POUR UNE ZONE GEOGRAPHIQUE A L'AIDE D'UNE EXTERNALISATION OUVERTE DE CANAUX RADIO DE TELEVISION**
[72] RAMARAJ, JAYAPRAKASH, IN
[72] KOTIAN, PREETHAM, IN
[71] SLING MEDIA PVT. LTD., IN
[85] 2019-11-27
[86] 2018-05-31 (PCT/IB2018/053867)
[87] (WO2018/220563)
[30] US (15/610,130) 2017-05-31

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[25] EN
[54] **LIPID COMBINATIONS**
[54] **COMBINAISONS DE LIPIDES**
[72] HODGSON, CHARLES, NZ
[72] MYERS, STEPHEN, AU
[72] OLIVER, CHRISTOPHER, AU
[71] PHARMALINK INTERNATIONAL LIMITED, CN
[85] 2019-11-27
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[30] AU (2017905181) 2017-12-22

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[51] **Int.Cl. B29C 49/66 (2006.01) B29C 49/06 (2006.01) B29C 49/12 (2006.01) B29C 49/36 (2006.01)**
[25] EN
[54] **INJECTION STRETCH BLOW MOLDING MACHINE AND METHOD FOR MANUFACTURING HOLLOW MOLDED BODY**
[54] **MACHINE DE MOULAGE PAR INJECTION-ETIRAGE-SOUFFLAGE ET METHODE DE FABRICATION D'UN CORPS MOULE CREUX**
[72] NAKAZAWA, NOBUHIKO, JP
[72] TERADA, MIWA, JP
[71] AOKI TECHNICAL LABORATORY, INC., JP
[85] 2019-11-27
[86] 2019-01-31 (PCT/JP2019/003321)
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[30] JP (2018-080688) 2018-04-19

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[13] A1
[51] **Int.Cl. H05B 3/06 (2006.01) H05B 3/16 (2006.01) H05B 3/32 (2006.01)**
[25] EN
[54] **SUPPORT INSULATORS FOR OPEN COIL ELECTRIC HEATERS AND METHOD OF USE**
[54] **ISOLATEURS PORTANTS POUR ELEMENTS CHAUFFANTS ELECTRIQUES A BOBINE OUVERTE ET PROCEDE D'UTILISATION**
[72] LOLLAR, JAMES PATRICK, US
[72] RIDLEY, DEVIN, US
[71] TUTCO, LLC, US
[85] 2019-11-07
[86] 2018-05-09 (PCT/US2018/031737)
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[51] **Int.Cl. B65B 59/00 (2006.01) B65B 3/26 (2006.01) B65B 3/32 (2006.01) B67C 3/02 (2006.01)**
[25] EN
[54] **CONTAINER FILLING ASSEMBLY**
[54] **ENSEMBLE DE REMPLISSAGE DE RECIPIENTS**
[72] CACCIATORE, JUSTIN THOMAS, US
[72] GOUDY, ERIC SHAWN, US
[72] DURHAM, BERNARD GEORGE, US
[72] LEUNG, BENNY, US
[72] KULEY, JOHN GLENN, US
[72] CAPECI, SCOTT WILLIAM, US
[72] GUIDA, VINCENZO, BE
[72] TOZZI, EMILIO JAVIER, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2018-06-07 (PCT/US2018/036421)
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[30] US (62/516,965) 2017-06-08

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[51] **Int.Cl. A61F 2/46 (2006.01)**
[25] EN
[54] **BONE MILL WITH AN ACCESSIBLE MILLING ELEMENT**
[54] **BROYEUR D'OS A ELEMENT DE BROYAGE ACCESSIBLE**
[72] BABARIS, ROBIN B.W., US
[72] HOFFMANN, AARON, US
[72] MCCOMBS, DANIEL L., US
[72] NELSON, DEREK F., US
[72] ROLFSEN, STEVEN M., JR., US
[72] ROY, SHAMMODIP, US
[72] THELEN, ADAM J., US
[72] WALEN, JAMES, US
[72] WROBLEWSKI, JASON JAMES, US
[72] LAMBARTH, CLIFFORD EDWIN, US
[71] STRYKER CORPORATION, US
[85] 2019-11-26
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[87] (WO2018/218173)
[30] US (62/511,590) 2017-05-26

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[51] **Int.Cl. E21B 7/12 (2006.01) E21B 7/128 (2006.01) E21B 21/00 (2006.01) E21B 21/08 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **DUAL GRADIENT DRILLING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FORAGE A DOUBLE GRADIENT**
[72] JOHNSON, AUSTIN, US
[72] PICCOLO, BRIAN, US
[72] FRACZEK, JUSTIN, US
[72] ANDERSON, WAYBOURN, US
[72] LEUCHTENBERG, CHRISTIAN, US
[71] AMERIFORGE GROUP INC., US
[85] 2019-11-26
[86] 2018-06-11 (PCT/US2018/036968)
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[30] US (62/517,992) 2017-06-12
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[51] **Int.Cl. A23J 3/16 (2006.01) A23L 15/00 (2016.01)**
[25] EN
[54] **EGG-FREE SIMULATED EGG FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES SANS OEUFS A SIMULATION D'OEUFS**
[72] LEWIS, DEBORAH ANN, AU
[72] LEWIS, DAVID ADRIAN, AU
[71] THE VEGGLETTO COMPANY PTY LIMITED, AU
[85] 2019-11-27
[86] 2018-05-31 (PCT/AU2018/050531)
[87] (WO2018/218296)
[30] AU (2017902096) 2017-06-01

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[51] **Int.Cl. E21B 23/03 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **VALVE SYSTEM**
[54] **SYSTEME DE VANNE**
[72] JOSEFSEN, KRISTIAN KORBOL, NO
[71] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2019-11-20
[86] 2018-06-26 (PCT/NO2018/050168)
[87] (WO2019/004838)
[30] NO (20171051) 2017-06-27

[21] **3,065,193**
[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING, VISUALIZING AND CLASSIFYING MOLECULAR FUNCTIONAL PROFILES**
[54] **SYSTEMES ET PROCEDES DE GENERATION, DE VISUALISATION ET CLASSIFICATION DE PROFILS FONCTIONNELS MOLECULAIRES**
[72] BAGAEV, ALEXANDER, RU
[72] FRENKEL, FELIKS, RU
[72] KOTLOV, NIKITA, RU
[72] ATAULLAKHANOV, RAVSHAN, RU
[71] BOSTONGENE CORPORATION, US
[85] 2019-11-26
[86] 2018-06-12 (PCT/US2018/037017)
[87] (WO2018/231771)
[30] US (62/518,787) 2017-06-13
[30] US (62/598,440) 2017-12-13

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[51] **Int.Cl. A61L 15/42 (2006.01) A61L 15/12 (2006.01) A61L 27/22 (2006.01) A61L 27/36 (2006.01)**
[25] EN
[54] **SCAFFOLDS FOR CELL CULTURE AND TISSUE REGENERATION**
[54] **ECHAFAUDAGES POUR CULTURE CELLULAIRE ET REGENERATION DE TISSUS**
[72] FAN, LINPENG, AU
[72] LI, JINGLIANG, AU
[72] WANG, XUNGAI, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2019-11-27
[86] 2018-06-14 (PCT/AU2018/050592)
[87] (WO2018/232445)
[30] AU (2017902326) 2017-06-19

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[13] A1
[51] **Int.Cl. D03D 11/00 (2006.01) B32B 7/14 (2006.01) D02G 3/06 (2006.01) D03D 13/00 (2006.01) D03D 15/00 (2006.01) D03D 25/00 (2006.01)**
[25] EN
[54] **WOVEN 3D FIBER REINFORCED STRUCTURE AND METHOD OF MAKING THEREOF**
[54] **STRUCTURE 3D TISSEE RENFORCEE DE FIBRES, ET SON PROCEDE DE FABRICATION**
[72] BAYRAKTAR, HARUN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
[85] 2019-11-26
[86] 2018-06-15 (PCT/US2018/037929)
[87] (WO2018/232363)
[30] US (62/520,840) 2017-06-16
[30] US (62/545,656) 2017-08-15

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A BUILDING ENERGY MODEL FOR A CLIENT BUILDING**
[54] **PROCEDE ET SYSTEME DE GENERATION D'UN MODELE D'ENERGIE DE BATIMENT POUR UN BATIMENT CLIENT**
[72] LINGRAS, PAWAN, CA
[72] PAVLOVSKI, ALEXANDRE, CA
[72] PAVLOVSKI, ILIA, CA
[72] CALDWELL, AARON, CA
[72] HILLIARD, TRENT, CA
[72] QIN, ZHENG, CA
[71] GREEN POWER LABS INC., CA
[85] 2019-11-27
[86] 2018-05-30 (PCT/CA2018/000107)
[87] (WO2018/218334)
[30] US (62/513,408) 2017-05-31

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[13] A1
[51] **Int.Cl. H03M 1/12 (2006.01) A61B 8/00 (2006.01) A61N 7/00 (2006.01) G01S 7/282 (2006.01) G11C 7/16 (2006.01) H03M 1/66 (2006.01)**
[25] EN
[54] **ANALOG TO DIGITAL SIGNAL CONVERSION IN ULTRASOUND DEVICE**
[54] **CONVERSION DE SIGNAL ANALOGIQUE-NUMERIQUE DANS UN DISPOSITIF A ULTRASONS**
[72] SINGH, AMANDEEP, US
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2019-11-26
[86] 2018-06-19 (PCT/US2018/038166)
[87] (WO2018/236786)
[30] US (62/522,625) 2017-06-20

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[13] A1
[51] **Int.Cl. C09K 8/42 (2006.01) C04B 28/24 (2006.01)**
[25] EN
[54] **IN-SITU GENERATION OF GLASS-LIKE MATERIALS INSIDE SUBTERRANEAN FORMATION**
[54] **PRODUCTION IN SITU DE MATERIAUX VITREUX DANS UNE FORMATION SOUTERRAINE**
[72] BATAWEEL, MOHAMMED, SA
[72] KARADKAR, PRASAD BABURAO, SA
[72] AL-MOHSIN, AYMAN, SA
[72] OTHMAN, HAITHAM A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-11-26
[86] 2018-06-19 (PCT/US2018/038212)
[87] (WO2018/236820)
[30] US (15/626,761) 2017-06-19

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CARDIAC PROCEDURES**
[54] **PROCEDE ET APPAREIL POUR INTERVENTIONS CARDIAQUES**
[72] NILAND, WILLIAM, US
[72] CORTEZ, FELINO, V., JR., US
[72] GAMMIE, JAMES S., US
[72] D'AMBRA, MICHAEL NICHOLAS, US
[72] WILSON, PETER, US
[72] COURNANE, STEPHEN, US
[71] HARPOON MEDICAL, INC., US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2019-11-26
[86] 2018-06-19 (PCT/US2018/038245)
[87] (WO2018/236843)
[30] US (62/521,784) 2017-06-19

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[51] **Int.Cl. A61M 25/00 (2006.01) A61F 2/962 (2013.01) A61B 17/34 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **EXPANDABLE SHEATH AND METHODS OF USING THE SAME**
[54] **GAINE EXTENSIBLE ET METHODES D'UTILISATION DE CELLE-CI**
[72] LE, THANH HUY, US
[72] LE, TUNG T., US
[72] MAK, SOVANPHEAP, US
[72] GOWDAR, ALPANA KIRAN, US
[72] WHITE, RICHARD D., US
[72] TRAN, SONNY, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-11-26
[86] 2018-06-20 (PCT/US2018/038423)
[87] (WO2018/236953)
[30] US (62/522,986) 2017-06-21
[30] US (16/010,744) 2018-06-18

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **WOUND OXYGEN SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN OXYGENE POUR PLAIE**
[72] NIEDERAUER, MARK Q., US
[72] DALEY, JAMES P., US
[72] MOFFETT, JOSEPH J., US
[71] ELECTROCHEMICAL OXYGEN CONCEPTS, INC., US
[85] 2019-11-26
[86] 2018-06-21 (PCT/US2018/038733)
[87] (WO2019/005573)
[30] US (15/639,845) 2017-06-30

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[13] A1
[51] **Int.Cl. C07K 14/39 (2006.01) C07K 14/37 (2006.01) C12N 9/24 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING TREHALASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**
[54] **POLYPEPTIDES PRESENTANT UNE ACTIVITE TREHALASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] MORANT, MARC DOMINIQUE, DK
[72] MATSUI, TOMOKO, JP
[72] SCHNORR, KIRK MATTHEW, DK
[72] FUKUYAMA, SHIRO, JP
[72] TSUTSUMI, NORIKO, JP
[71] NOVOZYMES A/S, DK
[85] 2019-11-26
[86] 2018-06-26 (PCT/US2018/039443)
[87] (WO2019/005755)
[30] US (62/526,133) 2017-06-28

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[13] A1
[51] **Int.Cl. B64C 17/00 (2006.01) B64C 3/38 (2006.01) B64C 13/30 (2006.01) B64C 31/032 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **UNMANNED AERIAL VEHICLE WITH SYNCHRONIZED SENSOR NETWORK**
[54] **VEHICULE AERIEN SANS PILOTE POURVU D'UN RESEAU DE CAPTEURS SYNCHRONISES**
[72] PIZARRO, ANTHONY F., CA
[72] DOERWALD, BRUNO C., CA
[71] ROMAERIS CORPORATION, CA
[85] 2019-11-27
[86] 2018-06-01 (PCT/CA2018/050657)
[87] (WO2018/218370)
[30] US (62/513,675) 2017-06-01

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[13] A1
[51] **Int.Cl. H02J 3/16 (2006.01) H02S 50/00 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LOCALLY CONTROLLING POWER DELIVERY ALONG A DISTRIBUTION FEEDER OF AN ELECTRICITY GRID**
[54] **PROCEDE ET SYSTEME DE COMMANDE LOCALE DE DISTRIBUTION D'ENERGIE LE LONG D'UN CABLE DE DISTRIBUTION D'UN RESEAU ELECTRIQUE**
[72] METCALFE, MALCOLM S., CA
[72] NOWAK, SEVERIN, CA
[71] ENBALA POWER NETWORKS INC., CA
[85] 2019-11-27
[86] 2018-06-05 (PCT/CA2018/050670)
[87] (WO2018/223228)
[30] US (62/517,044) 2017-06-08

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[51] **Int.Cl. G01D 5/26 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **OPTICAL INTERROGATOR FOR PERFORMING INTERFEROMETRY USING FIBER BRAGG GRATINGS**
[54] **INTERROGATEUR OPTIQUE PERMETTANT DE REALISER UNE INTERFEROMETRIE A L'AIDE DE RESEAUX DE BRAGG SUR FIBRE**
[72] MOORE, BRIAN, CA
[72] SHAKESPEARE, WALTER JEFFREY, US
[72] WALLACE, PHILLIP WILLIAM, US
[72] HOANG, VIET, CA
[72] HENRIKSON, CHRIS, CA
[72] SANDHU, AJAY, CA
[72] DUMITRU, ADRIAN, CA
[72] CLEMENT, THOMAS, CA
[72] HUANG, DONGLIANG, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2019-11-27
[86] 2018-06-06 (PCT/CA2018/050682)
[87] (WO2018/223236)
[30] CA (2,970,205) 2017-06-08

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[13] A1
[51] **Int.Cl. C07C 275/30 (2006.01) A61K 31/136 (2006.01) A61K 31/17 (2006.01) A61P 29/00 (2006.01) C07C 225/22 (2006.01) C07C 275/28 (2006.01) C07C 335/16 (2006.01)**
[25] EN
[54] **NOVEL UREA COMPOUNDS AND BIOISOSTERES THEREOF AND THEIR USE FOR TREATING INFLAMMATION AND INFLAMMATION-RELATED PATHOLOGIES**
[54] **NOUVEAUX COMPOSES D'UREE, BIOISOSTERES DE CEUX-CI ET LEUR UTILISATION POUR TRAITER UNE INFLAMMATION ET DES PATHOLOGIES ASSOCIEES A UNE INFLAMMATION**
[72] GAUDREAULT, RENE C., CA
[72] GOBEIL, STEPHANE, CA
[72] ROUSSEAU, JEAN, CA
[71] UNIVERSITE LAVAL, CA
[85] 2019-11-27
[86] 2018-06-14 (PCT/CA2018/050721)
[87] (WO2018/227300)
[30] US (62/519,281) 2017-06-14

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[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) H01M 10/0525 (2010.01) H01M 10/0562 (2010.01) H01M 10/0585 (2010.01) H01M 6/18 (2006.01) H01M 10/04 (2006.01) H01M 6/40 (2006.01)**
[25] FR
[54] **ENCAPSULATION SYSTEM FOR ELECTRONIC COMPONENTS AND BATTERIES**
[54] **SYSTEME D'ENCAPSULATION POUR COMPOSANTS ELECTRONIQUES ET BATTERIES**
[72] GABEN, FABIEN, FR
[71] I-TEN, FR
[85] 2019-11-27
[86] 2018-06-28 (PCT/FR2018/051582)
[87] (WO2019/002768)
[30] FR (1756079) 2017-06-29
[30] FR (1756364) 2017-07-06
[30] FR (1853930) 2018-05-07

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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **LATERAL TUBING SUPPORT OF A MULTI-LATERAL JUNCTION ASSEMBLY**
[54] **SUPPORT DE COLONNE DE PRODUCTION LATERALE D'UN ENSEMBLE DE JONCTION MULTILATERAL**
[72] STEELE, DAVID JOE, US
[72] STOKES, MATTHEW BRADLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-11-27
[86] 2017-08-02 (PCT/US2017/045128)
[87] (WO2019/027454)

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[13] A1
[51] **Int.Cl. H02J 7/04 (2006.01)**
[25] EN
[54] **PORTABLE OR HAND HELD VEHICLE BATTERY JUMP STARTING APPARATUS WITH BATTERY CELL EQUALIZATION CIRCUIT**
[54] **APPAREIL DE DEMARRAGE D'APPOINT DE BATTERIE DE VEHICULE PORTABLE OU PORTATIF AVEC CIRCUIT D'EGALISATION DE CELLULE DE BATTERIE**
[72] STANFIELD, JAMES RICHARD, US
[72] NOOK, JONATHAN LEWIS, US
[72] NOOK, WILLIAM KNIGHT, US
[72] UNDERHILL, DEREK MICHAEL, US
[72] AGRAWAL, NITISH, US
[71] THE NOCO COMPANY, US
[85] 2019-11-27
[86] 2018-03-30 (PCT/US2018/025424)
[87] (WO2018/183864)
[30] US (62/480,082) 2017-03-31

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[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01) G01R 21/06 (2006.01) H02G 7/00 (2006.01) H02J 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING A TRANSMISSION LINE RELIABILITY RATING**
[54] **SYSTEME ET PROCEDE DE GENERATION D'UNE CLASSIFICATION DE FIABILITE DE LIGNE DE TRANSMISSION**
[72] BLISS, RYAN, US
[72] LINDSEY, KEITH, US
[72] MCCALL, JOHN, US
[71] LINDSEY MANUFACTURING CO., US
[85] 2019-11-27
[86] 2018-04-13 (PCT/US2018/027656)
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[30] US (15/582,528) 2017-04-28

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[13] A1
[51] **Int.Cl. A61K 47/02 (2006.01) A23L 29/00 (2016.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 9/14 (2006.01) A61K 33/00 (2006.01)**
[25] EN
[54] **AN OXYGEN-ENABLED COMPOSITION**
[54] **COMPOSITION ACTIVEE PAR OXYGENE**
[72] WOODMANSEE, JOHN W., JR., US
[72] WOODMANSEE, ROBERT W., US
[72] BRUCE, ERICA D., US
[71] BAYLOR UNIVERSITY, US
[85] 2019-11-27
[86] 2018-04-20 (PCT/US2018/028530)
[87] (WO2018/195396)
[30] US (15/493,688) 2017-04-21
[30] US (15/648,312) 2017-07-12

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[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61K 33/30 (2006.01) A61K 47/10 (2017.01) A61K 47/30 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **RAPID-ACTING INSULIN COMPOSITIONS**
[54] **COMPOSITIONS D'INSULINE A ACTION RAPIDE**
[72] PAAVOLA, CHAD DONALD, US
[72] ZHANG, JUN, US
[71] ELI LILLY AND COMPANY, US
[85] 2019-11-27
[86] 2018-05-31 (PCT/US2018/035261)
[87] (WO2018/222787)
[30] US (62/513,645) 2017-06-01

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[13] A1
[25] EN
[54] **OCCUPANCY SIMULATION WITHIN A MONITORED PROPERTY**
[54] **SIMULATION D'OCCUPATION DANS UNE PROPRIETE SURVEILLEE**
[72] CORRENTI, MATTHEW DANIEL, US
[71] ALARM.COM INCORPORATED, US
[85] 2019-11-27
[86] 2018-05-31 (PCT/US2018/035391)
[87] (WO2018/222870)
[30] US (62/512,879) 2017-05-31

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/55 (2006.01)**
[25] EN
[54] **FUSED BICYCLIC COMPOUNDS**
[54] **COMPOSES BICYCLIQUES FUSIONNES**
[72] MOHAN, RAJU, GB
[72] PRATT, BENJAMIN ANTHONY, GB
[71] AKARNA THERAPEUTICS, LTD., GB
[85] 2019-11-27
[86] 2018-05-31 (PCT/US2018/035401)
[87] (WO2018/222876)
[30] US (62/514,060) 2017-06-02

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[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12P 7/56 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING FLATULENCE**
[54] **COMPOSITIONS ET METHODES DE REDUCTION DE LA FLATULENCE**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] ARUMUGAM, SIVAKUMAR, IN
[72] ALI, FURQAN, IN
[72] MAJEED, SHAHEEN, US
[71] SAMI LABS LIMITED, IN
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035563)
[87] (WO2018/226521)
[30] US (62/517,314) 2017-06-09

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[13] A1
[51] **Int.Cl. A01N 59/16 (2006.01) B05D 7/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **ADDITIVE FORMULATION FOR REDUCTION OR PREVENTION OF MICROBIALLY INDUCED CORROSION IN CONCRETE OR CEMENTITIOUS MATERIAL**
[54] **FORMULATION D'ADDITIF POUR LA REDUCTION OU LA PREVENTION DE LA CORROSION INDUITE PAR VOIE MICROBIENNE DANS DU BETON OU UN MATERIAU CIMENTAIRE**
[72] NELSON, BURKE IRVING, US
[72] ONG, IVAN WEIKANG, US
[72] RICHARDS, GLENNER MARIE, US
[72] MATTHEWS, DANIEL RAY, US
[71] MICROBAN PRODUCTS COMPANY, US
[85] 2019-11-27
[86] 2018-06-22 (PCT/US2018/038901)
[87] (WO2018/237217)
[30] US (62/524,168) 2017-06-23
[30] US (16/014,559) 2018-06-21

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12N 5/09 (2010.01) C12N 5/095 (2010.01) C12N 5/22 (2006.01) G01N 33/52 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS OF DETERMINING THERAPIES BASED ON SINGLE CELL CHARACTERIZATION OF CIRCULATING TUMOR CELLS (CTCS) IN METASTATIC DISEASE**
[54] **METHODES DE DETERMINATION DE THERAPIES SUR LA BASE D'UNE CARACTERISATION CELLULAIRE UNIQUE DE CELLULES TUMORALES CIRCULANTES (CTC) DANS UNE MALADIE METASTATIQUE**
[72] DITTAMORE, RYAN, US
[71] EPIC SCIENCES, INC., US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035581)
[87] (WO2018/222979)
[30] US (62/531,725) 2017-07-12
[30] US (62/514,642) 2017-06-02

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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **TRAIT SELECTION IN AVIANS**
[54] **SELECTION DE CARACTERES CHEZ LES OISEAUX**
[72] DORAN, TIMOTHY JAMES, AU
[72] TIZARD, MARK LESLIE, AU
[72] BEAN, ANDREW, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2019-11-28
[86] 2018-05-31 (PCT/AU2018/050535)
[87] (WO2018/218299)
[30] AU (2017902123) 2017-05-31

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[13] A1
[51] **Int.Cl. A61K 31/4545 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF FIBROTIC DISEASES**
[54] **METHODES DE TRAITEMENT DE MALADIES**
[72] HAN, RUOLAN, US
[72] NORTHRUP, JON, US
[72] KASIBHATLA, SRINIVAS RAO, US
[72] HORRIGAN, STEPHEN, US
[72] LARSON, JEFF, US
[71] ITERION THERAPEUTICS, INC., US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035646)
[87] (WO2018/223023)
[30] US (62/514,541) 2017-06-02

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06Q 20/22 (2012.01) G06F 21/40 (2013.01) G09C 1/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DISTRIBUTED PRIVATELY SUBSPACED BLOCKCHAIN DATA STRUCTURES WITH SECURE ACCESS RESTRICTION MANAGEMENT**
[54] **STRUCTURES DE DONNEES DE CHAINE DE BLOCS A SOUS-ESPACES PRIVES DISTRIBUEES AVEC GESTION DE RESTRICTION D'ACCES SECURISEE**
[72] SCHVEY, JEFFREY, US
[72] SARRAR, NADI, US
[71] SCHVEY, INC. D/B/A/ AXONI, US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035672)
[87] (WO2018/223042)
[30] US (62/513,773) 2017-06-01

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[13] A1
[51] **Int.Cl. G01M 11/00 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **SENSING TEXTILE**
[54] **TEXTILE DE DETECTION**
[72] BROWN, NANCY E., US
[72] RATHI, SAHAS, US
[72] YU, TZUYANG, US
[72] WANG, XINGWEI, US
[72] KURUP, PRADEEP, US
[72] IVEY, JACKSON A., US
[71] SAINT-GOBAIN ADFORS CANADA, LTD., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2019-11-27
[86] 2018-06-14 (PCT/US2018/037573)
[87] (WO2018/232136)
[30] US (62/521,099) 2017-06-16

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR ABSOLUTE QUANTIFICATION OF LOW-ABUNDANCE POLYPEPTIDES USING MASS SPECTROMETRY**
[54] **PROCEDES DE QUANTIFICATION ABSOLUE DE POLYPEPTIDES A FAIBLE ABONDANCE A L'AIDE DE LA SPECTROMETRIE DE MASSE**
[72] STAPELS, MARTHA, US
[72] BUSCH, MICHELLE, US
[71] GENZYME CORPORATION, US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035716)
[87] (WO2018/223076)
[30] US (62/514,587) 2017-06-02

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[13] A1
[51] **Int.Cl. A01N 31/02 (2006.01) A01N 37/36 (2006.01) A01N 37/40 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **LOW-ALCOHOL AND STERILIZABLE ANTIMICROBIAL COMPOSITIONS AND USE THEREOF**
[54] **COMPOSITIONS ANTIMICROBIENNES A FAIBLE TENEUR EN ALCOOL ET STERILISABLES, ET UTILISATION ASSOCIEE**
[72] DURHAM, CARMINE, US
[71] ZUREX PHARMA, INC., US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035720)
[87] (WO2018/223080)
[30] US (62/514,635) 2017-06-02

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[13] A1
[51] **Int.Cl. H01J 49/42 (2006.01) B01D 59/44 (2006.01) H01J 43/00 (2006.01) H01J 49/00 (2006.01)**
[25] EN
[54] **IMPROVED CHARGED PARTICLE DETECTOR**
[54] **DETECTEUR DE PARTICULES CHARGEES PERFECTIONNE**
[72] SHEILS, WAYNE, AU
[72] STRESAU, RICHARD, AU
[72] HUNTER, KEVIN, AU
[71] ETP ION DETECT PTY LTD, AU
[85] 2019-11-28
[86] 2018-06-01 (PCT/AU2018/050545)
[87] (WO2018/218308)
[30] US (62/514,029) 2017-06-02

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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **A METHOD TO CREATE PERSONALIZED CANCER VACCINES**
[54] **PROCEDE DE CREATION DE VACCINS ANTICANCEREUX PERSONNALISES**
[72] JOHNSTON, STEPHEN ALBERT, US
[72] SHEN, LUHUI, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035741)
[87] (WO2018/223092)
[30] US (62/514,689) 2017-06-02
[30] US (62/514,679) 2017-06-02

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **UNIVERSAL CANCER VACCINES AND METHODS OF MAKING AND USING SAME**
[54] **VACCINS ANTICANCEREUX UNIVERSELS ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] JOHNSTON, STEPHEN ALBERT, US
[72] SHEN, LUHUI, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2019-11-27
[86] 2018-06-01 (PCT/US2018/035743)
[87] (WO2018/223093)
[30] US (62/514,674) 2017-06-02

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **DUAL-WIREFORM LIMITED EXPANSION HEART VALVES**
[54] **VALVULES CARDIAQUES A EXPANSION LIMITEE EN FORME DE DOUBLE FIL**
[72] JOHNSON, DERRICK, US
[72] MURAD, MICHAEL C., US
[72] FORD, STEVEN M., US
[72] RODRIGUEZ, RODOLFO, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-11-27
[86] 2018-06-20 (PCT/US2018/038527)
[87] (WO2018/237020)
[30] US (62/523,157) 2017-06-21

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **DELIVERY OF HEART CHAMBER PROSTHETIC VALVE IMPLANT**
[54] **POSE D'UN IMPLANT DE VALVULE PROTHETIQUE DE CAVITE CARDIAQUE**
[72] KUMAR, SARAVANA B., US
[71] 4C MEDICAL TECHNOLOGIES, INC., US
[85] 2019-11-27
[86] 2018-06-14 (PCT/US2018/037536)
[87] (WO2018/232118)
[30] US (62/519,576) 2017-06-14
[30] US (16/007,630) 2018-06-13

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[13] A1
[51] **Int.Cl. G01N 33/49 (2006.01)**
[25] EN
[54] **DISPOSABLE SYSTEM FOR ANALYSIS OF HEMOSTATIC FUNCTION**
[54] **SYSTEME JETABLE POUR L'ANALYSE D'UNE FONCTION HEMOSTATIQUE**
[72] VIOLA, FRANCESCO, US
[72] HIGGINS, TIMOTHY, US
[72] HOMYK, ANDREW, US
[72] COREY, F. SCOTT, US
[72] REGAN, FRANKLIN F., IV, US
[72] WALKER, WILLIAM F., US
[72] BRYANT, DAVID, US
[72] GIVENS, THOMAS, US
[71] HEMOSONICS, LLC, US
[85] 2019-10-18
[86] 2018-04-20 (PCT/US2018/028630)
[87] (WO2018/195468)
[30] US (62/488,045) 2017-04-20

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[13] A1
[51] **Int.Cl. G01N 33/483 (2006.01) A61K 33/243 (2019.01) A61K 31/337 (2006.01) A61K 31/4745 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **PREDICTING GASTRIC CANCER TREATMENT OUTCOME**
[54] **PREDICTION DES RESULTATS D'UN TRAITEMENT DU CANCER DE L'ESTOMAC**
[72] HEMBROUGH, TODD, US
[72] CECCHI, FABIOLA, US
[72] SCHWARTZ, SARIT, US
[72] YAU, CHRISTINA, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2019-11-27
[86] 2018-06-04 (PCT/US2018/035788)
[87] (WO2018/223112)
[30] US (62/514,364) 2017-06-02

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[13] A1
[51] **Int.Cl. A61K 8/99 (2017.01) A61K 35/74 (2015.01) A61P 17/00 (2006.01) A61Q 17/04 (2006.01) C12Q 1/02 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **SKIN CARE APPLICATIONS OF EXTRACELLULAR METABOLITES FROM BACILLUS COAGULANS**
[54] **APPLICATIONS DE SOINS DE LA PEAU DE METABOLITES EXTRACELLULAIRES PROVENANT DE BACILLUS COAGULANS**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] ARUMUGAM, SIVAKUMAR, IN
[72] ALI, FURQAN, IN
[72] MAJEED, SHAHEEN, US
[72] MUNDKUR, LAKSHMI, IN
[71] SAMI LABS LIMITED, IN
[85] 2019-11-27
[86] 2018-06-04 (PCT/US2018/035795)
[87] (WO2018/226554)
[30] US (62/516,090) 2017-06-06
[30] US (62/523,620) 2017-06-22

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[13] A1
[51] **Int.Cl. A01K 11/00 (2006.01)**
[25] EN
[54] **LONG RANGE WIRELESS MONITORING SYSTEMS**
[54] **SYSTEMES DE SURVEILLANCE SANS FIL A LONGUE PORTEE**
[72] MAJASS, MARGUS, AU
[72] SROYSUWAN, POLLAPEE, AU
[71] AUSTRALIAN WOOL INNOVATION LIMITED, AU
[85] 2019-11-28
[86] 2018-06-06 (PCT/AU2018/050564)
[87] (WO2018/223189)
[30] AU (2017100671) 2017-06-07
[30] AU (2017902180) 2017-06-07

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[13] A1
[51] **Int.Cl. A61B 17/90 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A SPINAL SHIELD FOR PROTECTING THE SPINAL CORD AND DURA DURING SURGICAL PROCEDURES**
[54] **SYSTEMES ET PROCEDES POUR UNE PROTECTION VERTEBRALE DESTINEE A PROTEGER LA MOELLE EPINIERE ET LA DURE-MERE PENDANT DES PROCEDURES CHIRURGICALES**
[72] BOHL, MICHAEL A., US
[72] PORTER, RANDALL, US
[72] KAKARLA, UDAYA KUMAR, US
[71] DIGNITY HEALTH, US
[85] 2019-11-27
[86] 2018-06-26 (PCT/US2018/039555)
[87] (WO2019/005832)
[30] US (62/524,653) 2017-06-26
[30] US (62/537,068) 2017-07-26
[30] US (62/589,748) 2017-11-22

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[13] A1
[51] **Int.Cl. G11C 11/44 (2006.01) H01L 39/22 (2006.01)**
[25] EN
[54] **MAGNETIC FLUX CONTROL IN SUPERCONDUCTING DEVICES**
[54] **COMMANDE DE FLUX MAGNETIQUE DANS DES DISPOSITIFS SUPRACONDUCTEURS**
[72] MARTINIS, JOHN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2019-11-27
[86] 2018-06-04 (PCT/US2018/035860)
[87] (WO2018/226586)
[30] US (15/614,287) 2017-06-05

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[13] A1
[51] **Int.Cl. B60G 17/015 (2006.01) B60G 17/052 (2006.01) B60G 21/10 (2006.01) F15B 13/04 (2006.01) F16K 11/074 (2006.01) F16K 31/04 (2006.01)**
[25] EN
[54] **SYMMETRICALLY DYNAMIC EQUALIZED VOLUME AND PRESSURE AIR MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'AIR A PRESSION ET VOLUME EGALISES DYNAMIQUEMENT SYMETRIQUES**
[72] VAUGHAN, MATTHEW, US
[72] CALAWAY, JOSEPH, US
[72] LEWIS, DAVID BRYAN, US
[72] ARRANTS, GEORGE, US
[71] BASE AIR MANAGEMENT LIMITED, AU
[85] 2019-11-27
[86] 2018-06-15 (PCT/US2018/037807)
[87] (WO2018/232276)
[30] US (62/520,918) 2017-06-16
[30] US (62/573,587) 2017-10-17
[30] US (62/626,373) 2018-02-05

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[13] A1
[51] **Int.Cl. C12Q 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYTE DETECTION USING AN ELECTROCHEMICAL BIOSENSOR**
[54] **PROCEDE ET APPAREIL DE DETECTION D'ANALYTE A L'AIDE D'UN BIOCAPTEUR ELECTROCHIMIQUE**
[72] OJA, STEPHEN M., US
[72] FELDMAN, BENJAMIN, US
[71] ABBOTT DIABETES CARE INC., US
[85] 2019-11-27
[86] 2018-06-29 (PCT/US2018/040471)
[87] (WO2019/006413)
[30] US (62/527,981) 2017-06-30
[30] US (62/544,692) 2017-08-11
[30] US (62/545,252) 2017-08-14
[30] US (16/024,353) 2018-06-29

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[13] A1
[51] **Int.Cl. G08G 1/14 (2006.01)**
[25] EN
[54] **PARKING OBJECTS DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'OBJETS EN STATIONNEMENT**
[72] VOSSOUGHI, SOHRAB, US
[72] COLE, DAVE, US
[72] MOLLAGHAFFARI, MASSOUD, US
[72] NASSIB, ABDI, US
[71] CITIFYD, INC., US
[85] 2019-11-27
[86] 2018-06-04 (PCT/US2018/035890)
[87] (WO2018/226600)
[30] US (62/515,389) 2017-06-05

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[13] A1
[51] **Int.Cl. A47J 31/54 (2006.01) A47J 31/56 (2006.01)**
[25] EN
[54] **VENT ORIFICE AND FILTER FOR BEVERAGE MACHINE**
[54] **ORIFICE D'EVACUATION ET FILTRE POUR MACHINE A BOISSON**
[72] TEO, CHOON MENG, MY
[72] PANG, YEE LEONG, MY
[72] WONG, KIM LAI, MY
[72] COUTURE, JOHN, US
[72] PASQUINI, RICHARD, US
[71] KEURIG GREEN MOUNTAIN, INC., US
[85] 2019-11-27
[86] 2018-06-05 (PCT/US2018/035956)
[87] (WO2018/226623)
[30] US (62/515,431) 2017-06-05

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[13] A1
[51] **Int.Cl. H04N 5/353 (2011.01) H04N 5/347 (2011.01)**
[25] EN
[54] **SHARED PHOTODIODE RESET IN A 5 TRANSISTOR - FOUR SHARED PIXEL**
[54] **REINITIALISATION DE PHOTODIODE PARTAGEE DANS UN CAPTEUR D'IMAGE A 4 PIXELS PARTAGES ET A 5 TRANSISTORS**
[72] ROTTE, JEROEN, CA
[72] CENTEN, PETRUS GIJSBERTUS, CA
[72] DEFERNEZ, AMAUD, CA
[71] GRASS VALLEY CANADA, CA
[85] 2019-11-28
[86] 2018-05-30 (PCT/CA2018/050636)
[87] (WO2018/218354)
[30] US (62/512,399) 2017-05-30
[30] US (15/697,349) 2017-09-06
[30] US (15/991,116) 2018-05-29

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[13] A1
[51] **Int.Cl. H01R 13/703 (2006.01)**
[25] EN
[54] **WIRE-TO-WIRE CONNECTOR WITH SHUNT**
[54] **CONNECTEUR FIL-A-FIL AVEC SHUNT**
[72] LYBRAND, BRENT, US
[71] AVX CORPORATION, US
[85] 2019-11-27
[86] 2018-08-01 (PCT/US2018/044757)
[87] (WO2019/028110)
[30] US (62/540,119) 2017-08-02
[30] US (62/695,551) 2018-07-09

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[13] A1
[51] **Int.Cl. C09D 9/00 (2006.01) B44D 3/24 (2006.01)**
[25] EN
[54] **PAINT REMOVER COMPOSITION AND METHOD OF MAKING**
[54] **COMPOSITION DE DECAPANT A PEINTURE ET PROCEDE DE FABRICATION ASSOCIE**
[72] HAWES, CHARLES L., US
[72] TEAGUE, TIM, US
[71] W.M. BARR & COMPANY, INC., US
[85] 2019-11-27
[86] 2018-06-19 (PCT/US2018/038159)
[87] (WO2018/236782)
[30] US (62/522,417) 2017-06-20
[30] US (16/011,164) 2018-06-18

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[13] A1
[51] **Int.Cl. H01R 11/30 (2006.01) H02J 9/00 (2006.01) H05K 5/00 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **POWER SYSTEM FOR MOBILE WORKSTATION**
[54] **SYSTEME D'ALIMENTATION POUR POSTES DE TRAVAIL MOBILES**
[72] HAZZARD, NICHOLAS SIMON, US
[72] TISCHER, WILLIAM DALE, US
[72] THEIS, JOHN W., US
[72] JANECHEK, MATTHEW J., US
[72] TOWNES, TROY EDWARD, US
[71] ERGOTRON, INC., US
[85] 2019-11-27
[86] 2019-03-01 (PCT/US2019/020431)
[87] (WO2019/169352)
[30] US (62/637,497) 2018-03-02

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[13] A1
[51] **Int.Cl. F03D 9/34 (2016.01)**
[25] EN
[54] **VORTEX STATION**
[54] **STATION A TOURBILLONS**
[72] HAWKES, NEIL ANDREW, NZ
[71] AUCKLAND UNISERVICES LIMITED, NZ
[85] 2019-11-27
[86] 2017-07-06 (PCT/NZ2017/050092)
[87] (WO2018/009079)
[30] NZ (721916) 2016-07-06

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[13] A1
[51] **Int.Cl. A01K 63/02 (2006.01) A01K 61/54 (2017.01) A01K 63/04 (2006.01) A22C 29/04 (2006.01)**
[25] EN
[54] **DEPURATION SYSTEM**
[54] **SYSTEME D'EPURATION**
[72] OSKARSSON, DAGUR, IS
[71] SAEPLAST ICELAND EHF., IS
[85] 2019-11-19
[86] 2018-05-31 (PCT/IS2018/050005)
[87] (WO2018/220658)
[30] IS (050180) 2017-06-01

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[13] A1
[51] **Int.Cl. C01B 39/02 (2006.01) C01B 39/48 (2006.01)**
[25] EN
[54] **MORPHOLINIUM-BASED QUATERNARY AMMONIUM CATION AND AEI TYPE ZEOLITE MADE THEREWITH**
[54] **CATION D'AMMONIUM QUATERNAIRE A BASE DE MORPHOLINIUM ET ZEOLITE DE TYPE AEI PREPAREE A L'AIDE DE CELUI-CI**
[72] MOULTON, ROGER, US
[72] LITTLE, CHARLES B., US
[71] SACHEM, INC., US
[85] 2019-11-27
[86] 2018-06-19 (PCT/US2018/038194)
[87] (WO2018/236809)
[30] US (62/521,949) 2017-06-19
[30] US (62/685,081) 2018-06-14

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO INJECTION WELLS**
[54] **PERFECTIONNEMENTS APPORTES OU AFFERENTS A DES PUITS D'INJECTION**
[72] SANTARELLI, FREDERIC JOSEPH, NO
[71] GEOMEC ENGINEERING LIMITED, GB
[85] 2019-11-14
[86] 2018-05-23 (PCT/GB2018/051394)
[87] (WO2018/215763)
[30] GB (1708290.0) 2017-05-24

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[13] A1
[51] **Int.Cl. B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C12Q 1/00 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **NANOPARTICLE AGGREGATES**
[54] **AGREGATS DE NANOPARTICULES**
[72] RANZONI, ANDREA, AU
[72] PARSONS, SEAN, AU
[72] FRY, SCOTT, AU
[72] MILLER, CHRISTOPHER, AU
[71] ELLUME LIMITED, AU
[85] 2019-11-28
[86] 2018-05-25 (PCT/AU2018/050516)
[87] (WO2018/218284)
[30] AU (2017902043) 2017-05-30

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[13] A1
[51] **Int.Cl. G06K 9/20 (2006.01) G06T 7/10 (2017.01) G06T 7/11 (2017.01) G06K 9/36 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HYPERSPECTRAL IMAGE PROCESSING TO IDENTIFY FOREIGN OBJECT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'IMAGE HYPERSPECTRALE POUR IDENTIFIER UN OBJET ETRANGER**
[72] NIPE, LARS GUSTAV MAGNUS, US
[72] RAMANAN, ABILASHA, US
[71] IMPACTVISION, INC., US
[85] 2019-11-27
[86] 2018-06-19 (PCT/US2018/038244)
[87] (WO2018/236842)
[30] US (62/521,997) 2017-06-19
[30] US (15/977,099) 2018-05-11

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[13] A1
[51] **Int.Cl. A61K 31/4375 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF 1-[4-BROMO-5-[1-ETHYL-7-(METHYLAMINO)-2-OXO-1,2-DIHYDRO-1,6-NAPHTHYRIDIN-3-YL]-2-FLUOROPHENYL]-3-PHENYLUREA AND ANALOGS FOR THE TREATMENT OF CANCERS ASSOCIATED WITH GENETIC ABNORMALITIES IN PLATELET DERIVED GROWTH FACTOR RECEPTOR ALPHA**
[54] **UTILISATION DE 1-[4-BROMO-5-[1-ETHYL-7-(METHYLAMINO)-2-OXO-1,2-DIHYDRO-1,6-NAPHTHYRIDINE-3-YL]-2-FLUOROPHENYL]-3-PHENYLUREE ET DE SES ANALOGUES POUR LE TRAITEMENT DE CANCERS ASSOCIES A DES ANOMALIES GENETIQUES AU NIVEAU DU RECEPTEUR ALPHA DU FACTEUR DE CROISSANCE DERIVE DES PLAQUETTES**
[72] FLYNN, DANIEL L., US
[72] KAUFMAN, MICHAEL D., US
[72] ROSEN, OLIVER, US
[72] SMITH, BRYAN D., US
[71] DECIPHERA PHARMACEUTICALS, INC., US
[85] 2019-11-27
[86] 2017-05-30 (PCT/US2017/035005)
[87] (WO2018/222173)

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[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5513 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF BENZODIAZEPINE DERIVATIVES**
[54] **PROCEDES POUR LA PREPARATION DE DERIVES DE BENZODIAZEPINE**
[72] KIM, IN JONG, US
[72] YU, JIANMING, US
[72] BLAISDELL, THOMAS P., US
[72] PANARESE, JOSEPH, US
[72] SHOOK, BRIAN C., US
[72] OR, YAT SUN, US
[71] ENANTA PHARMACEUTICALS, INC., US
[85] 2019-08-16
[86] 2018-02-16 (PCT/US2018/018511)
[87] (WO2018/152413)
[30] US (62/459,953) 2017-02-16
[30] US (62/459,955) 2017-02-16

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[13] A1
[51] **Int.Cl. H04N 21/432 (2011.01) H04N 21/466 (2011.01) H04N 21/8549 (2011.01) H04N 21/431 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING WHETHER TO USE A TAILORED PLAYLIST**
[54] **SYSTEMES ET PROCEDES POUR IDENTIFIER S'IL FAUT UTILISER UNE LISTE DE LECTURE PERSONNALISEE**
[72] HARB, REDA, US
[71] ROVI GUIDES, INC., US
[85] 2019-11-27
[86] 2017-05-31 (PCT/US2017/035302)
[87] (WO2018/222189)

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[13] A1
[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/54 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF VALVE CONFIGURATION FOR BEVERAGE MACHINE**
[54] **CONFIGURATION DE SOUPAPE DE SECURITE DESTINEE A UNE MACHINE A BOISSON**
[72] TEO, CHOON MENG, MY
[72] PANG, YEE LEONG, MY
[72] WONG, KIM LAI, MY
[72] COUTURE, JOHN, US
[72] PASQUINI, RICHARD, US
[71] KEURIG GREEN MOUNTAIN, INC., US
[85] 2019-11-27
[86] 2018-06-05 (PCT/US2018/035971)
[87] (WO2018/226633)
[30] US (62/515,423) 2017-06-05

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[13] A1
[51] **Int.Cl. G01N 21/17 (2006.01) G01B 11/06 (2006.01) G01N 21/62 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **QUALITY CONTROL OF SUBSTRATE COATINGS**
[54] **CONTROLE DE LA QUALITE DE REVETEMENTS DE SUBSTRATS**
[72] JUNGER, MICHAEL CARL, AU
[72] FLAIM, CHRISTOPHER, AU
[71] VAXXAS PTY LIMITED, AU
[85] 2019-11-28
[86] 2018-06-13 (PCT/AU2018/050586)
[87] (WO2018/227246)
[30] US (62/603,841) 2017-06-13

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[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **VENTING ARRANGEMENT FOR BEVERAGE FORMING APPARATUS**
[54] **SYSTEME D'EVACUATION POUR APPAREIL DE PREPARATION DE BOISSON**
[72] TEO, CHOON MENG, MY
[72] PANG, YEE LEONG, MY
[72] WONG, KIM LAI, MY
[72] COUTURE, JOHN, US
[72] PASQUINI, RICHARD, US
[71] KEURIG GREEN MOUNTAIN, INC., US
[85] 2019-11-27
[86] 2018-06-05 (PCT/US2018/035972)
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[30] US (62/515,414) 2017-06-05

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[13] A1
[51] **Int.Cl. C22B 59/00 (2006.01) C01F 11/46 (2006.01) C01G 21/20 (2006.01) C22B 3/12 (2006.01) C22B 60/00 (2006.01)**
[25] EN
[54] **SEPARATION OF ACTINIUM FROM PROCESS LIQUORS**
[54] **SEPARATION D'ACTINIUM A PARTIR DE LIQUEURS DE TRAITEMENT**
[72] GRIFFITH, CHRIS, AU
[71] AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, AU
[85] 2019-11-28
[86] 2018-06-26 (PCT/AU2018/000105)
[87] (WO2019/000014)
[30] AU (2017902476) 2017-06-27

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[13] A1
[51] **Int.Cl. F22B 1/04 (2006.01) F28D 13/00 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOVERY OF HEAT FROM BULK SOLIDS**
[54] **PROCEDE ET APPAREIL DE RECUPERATION DE CHALEUR A PARTIR DE SOLIDES EN VRAC**
[72] BYMAN, ASHLEY D., CA
[72] NEVILLE, JORDISON, CA
[72] MCGILLIVRAY, ROBERT, CA
[71] SOLEX THERMAL SCIENCE INC., CA
[85] 2019-11-28
[86] 2018-05-18 (PCT/CA2018/050591)
[87] (WO2018/218338)
[30] US (15/610,238) 2017-05-31

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[13] A1
[51] **Int.Cl. F42B 14/02 (2006.01) F42B 10/02 (2006.01) F42B 10/38 (2006.01)**
[25] EN
[54] **SINGLE SEAL PROJECTILE**
[54] **PROJECTILE A JOINT UNIQUE**
[72] HARRISON, DALE, AU
[71] TECHVENTURE INVESTMENTS PTY LTD, AU
[85] 2019-11-28
[86] 2018-05-30 (PCT/AU2018/050527)
[87] (WO2018/218292)
[30] AU (2017902054) 2017-05-30
[30] AU (2017904194) 2017-10-17

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES, AND METHODS FOR NEGATIVE-PRESSURE TREATMENT WITH REDUCED TISSUE IN-GROWTH**
[54] **SYSTEMES, APPAREILS ET METHODES DE TRAITEMENT PAR PRESSION NEGATIVE AVEC CROISSANCE TISSULAIRE REDUITE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] WHYTE, DAVID GEORGE, GB
[71] KCI LICENSING, INC., US
[85] 2019-11-27
[86] 2018-06-05 (PCT/US2018/035995)
[87] (WO2018/226650)
[30] US (62/516,566) 2017-06-07
[30] US (62/516,540) 2017-06-07
[30] US (62/516,550) 2017-06-07
[30] US (62/565,754) 2017-09-29
[30] US (62/576,498) 2017-10-24

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND THERAPY APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE PLAIE A PRESSION NEGATIVE**
[72] GREENER, BRYAN, GB
[71] T.J.SMITH & NEPHEW, LIMITED, GB
[85] 2019-11-28
[86] 2018-06-11 (PCT/EP2018/065396)
[87] (WO2018/229008)
[30] US (62/519,762) 2017-06-14

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **TISSUE CONTACT INTERFACE**
[54] **INTERFACE DE CONTACT TISSULAIRE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] COULTHARD, RICHARD DANIEL JOHN, GB
[71] KCI LICENSING, INC., US
[85] 2019-11-27
[86] 2018-06-05 (PCT/US2018/036013)
[87] (WO2018/226664)
[30] US (62/516,540) 2017-06-07
[30] US (62/516,566) 2017-06-07
[30] US (62/516,550) 2017-06-07

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[13] A1
[51] **Int.Cl. C10G 31/08 (2006.01) G01N 23/223 (2006.01)**
[25] EN
[54] **CALCIUM REMOVAL OPTIMISATION**
[54] **OPTIMISATION DE L'ELIMINATION DU CALCIUM**
[72] ENGLISH, JASON, US
[72] HACKETT, CRAIG, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2019-11-27
[86] 2018-06-06 (PCT/US2018/036199)
[87] (WO2018/236580)
[30] US (62/521,631) 2017-06-19

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[13] A1
[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 3/113 (2006.01) A61B 5/0482 (2006.01) A61B 5/11 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **WEARABLE COMPUTING DEVICE WITH ELECTROPHYSIOLOGICAL SENSORS**
[54] **DISPOSITIF INFORMATIQUE PORTABLE DOTE DE CAPTEURS ELECTROPHYSIOLOGIQUES**
[72] AIMONE, CHRISTOPHER ALLEN, CA
[72] MACKENZIE, SAMUEL THOMAS, CA
[72] BANVILLE, HUBERT, CA
[72] PROULX, NICOLE HELENE, CA
[72] MOFFAT, GRAEME DANIEL, CA
[71] INTERAXON INC., CA
[85] 2019-11-28
[86] 2018-05-30 (PCT/CA2018/050638)
[87] (WO2018/218356)
[30] US (62/512,555) 2017-05-30
[30] US (62/613,492) 2018-01-04

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/113 (2010.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **CREATION AND USE OF GUIDE NUCLEIC ACIDS**
[54] **CREATION ET UTILISATION D'ACIDES NUCLEIQUES GUIDES**
[72] GOURGUECHON, STEPHANE B., US
[72] CARPENTER, MEREDITH L., US
[72] RASMUSSEN, MORTEN, US
[72] RADHAKRISHNAN, SRIHARI, US
[72] ELMER, ANNA KATHARINA, US
[71] ARC BIO, LLC, US
[85] 2019-11-27
[86] 2018-06-07 (PCT/US2018/036563)
[87] (WO2018/227025)
[30] US (62/516,619) 2017-06-07
[30] US (62/548,036) 2017-08-21

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING SIGNAL, NETWORK DEVICE AND TERMINAL DEVICE**
[54] **PROCEDE D'EMISSION DE SIGNAL, DISPOSITIF RESEAU ET DISPOSITIF TERMINAL**
[72] YANG, NING, CN
[72] ZHANG, ZHI, CN
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-28
[86] 2017-06-15 (PCT/CN2017/088508)
[87] (WO2018/227496)

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[13] A1
[51] **Int.Cl. A61K 31/085 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (S,S)-SECOISOLARICIRESINOL DIGLUCOSIDE AND (R,R)-SECOISOLARICIRESINOL DIGLUCOSIDE**
[54] **PREPARATION DE (S,S)-SECOISOLARICIRESINOL DIGLUCOSIDE ET DE (R,R)-SECOISOLARICIRESINOL DIGLUCOSIDE**
[72] LI, KE, US
[72] SIELECKI, THAIS, US
[71] LIGNAMED, LLC, US
[85] 2019-11-27
[86] 2018-06-11 (PCT/US2018/036859)
[87] (WO2018/231691)
[30] US (62/518,196) 2017-06-12

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[13] A1
[51] **Int.Cl. A01N 59/06 (2006.01) A01K 61/13 (2017.01) A01N 59/08 (2006.01) A61K 33/06 (2006.01) A61K 33/14 (2006.01) A61K 35/08 (2015.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TREATING FISH IN FISH FARMS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE POISSONS DANS DES FERMES PISCICOLES**
[72] KOSBERG, PER, NO
[72] POWELL, MARK DARRYN, NO
[71] AKVAFRESH AS, NO
[85] 2019-11-28
[86] 2018-05-24 (PCT/EP2018/063656)
[87] (WO2018/219777)
[30] NO (20170878) 2017-05-29

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[13] A1
[51] **Int.Cl. C09J 175/06 (2006.01) B27N 3/00 (2006.01) C08L 75/04 (2006.01) C08L 75/06 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **NO-ADDED FORMALDEHYDE BINDER FOR COMPOSITE WOOD PRODUCT AND THE COMPOSITE WOOD PRODUCT MANUFACTURED BY THE SAME**
[54] **ADHESIF DE PANNEAU ARTIFICIEL EXEMPT D'ALDEHYDE ET PANNEAU ARTIFICIEL EXEMPT D'ALDEHYDE FABRIQUE PAR CELUI-CI**
[72] TU, SONG, CN
[72] QI, WANGSHUN, CN
[72] LI, HOUYI, CN
[72] SUN, WEIHUA, CN
[72] ZHANG, ZIJUN, CN
[72] LV, BING, CN
[71] WANHUA CHEMICAL GROUP CO., LTD., CN
[85] 2019-11-28
[86] 2017-06-20 (PCT/CN2017/089126)
[87] (WO2018/227645)
[30] CN (201710447741.8) 2017-06-14

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[13] A1
[51] **Int.Cl. B60C 23/04 (2006.01) G06K 19/077 (2006.01) G08G 1/09 (2006.01)**
[25] FR
[54] **METHOD FOR PROVIDING A SERVICE LINKED TO THE CONDITION AND/OR BEHAVIOUR OF A VEHICLE AND/OR OF A TYRE**
[54] **PROCEDE DE FOURNITURE D'UN SERVICE LIE A L'ETAT ET/OU AU COMPORTEMENT D'UN VEHICULE ET/OU D'UN PNEUMATIQUE**
[72] LEDOUX, THOMAS, FR
[72] FANGEAT, NICOLAS, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2019-11-28
[86] 2018-05-31 (PCT/FR2018/051262)
[87] (WO2018/220334)
[30] FR (17/54916) 2017-06-02

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[13] A1
[51] **Int.Cl. B61D 27/00 (2006.01)**
[25] EN
[54] **WASTE EXHAUST VENTILATION DOOR AUTOMATIC CONTROL DEVICE AND VEHICLE BODY HAVING THE SAME**
[54] **DISPOSITIF DE COMMANDE DE PORTE D'AERATION D'ECHAPPEMENT AUTOMATIQUE ET CAISSE DE VEHICULE LE COMPORTANT**
[72] YAO, SHUANBAO, CN
[72] CHEN, DAWEI, CN
[72] ZHANG, CONGHUI, CN
[72] LIN, PENG, CN
[72] JIANG, XIN, CN
[72] LI, YUNFENG, CN
[72] LIU, SHAOQING, CN
[72] DING, SANSAN, CN
[71] CRRC QINGDAO SIFANG CO., LTD., CN
[85] 2019-11-28
[86] 2018-05-04 (PCT/CN2018/085649)
[87] (WO2019/037467)
[30] CN (201710725860.5) 2017-08-22

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **INFORMATION DETERMINATION METHOD, TERMINAL APPARATUS, AND NETWORK APPARATUS**
[54] **PROCEDE DE DETERMINATION D'INFORMATIONS, APPAREIL TERMINAL, ET APPAREIL DE RESEAU**
[72] SHI, ZHIHUA, CN
[72] CHEN, WENHONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-28
[86] 2018-05-10 (PCT/CN2018/086388)
[87] (WO2019/213919)

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[13] A1
[51] **Int.Cl. G21F 9/34 (2006.01)**
[25] EN
[54] **PLANT FOR ELECTROCHEMICAL DECONTAMINATION OF METAL RADIOACTIVE WASTE**
[54] **INSTALLATION DE NEUTRALISATION ELECTROCHIMIQUE DE DECHETS RADIOACTIFS METALLIQUES**
[72] SHAROV, ALEKSANDR NIKITOVICH, RU
[72] SHEVCHENKO, BORIS NIKOLAEVICH, RU
[72] NEUPOKOEV, MIKHAIL ALEKSEEVICH, RU
[71] JOINT STOCK COMPANY "ROSENERGOATOM", RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS", RU
[85] 2019-11-28
[86] 2018-08-28 (PCT/RU2018/000565)
[87] (WO2019/216786)
[30] RU (2018117551) 2018-05-11

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[13] A1
[51] **Int.Cl. C07C 19/08 (2006.01) A61K 49/00 (2006.01) A61K 49/10 (2006.01) C07C 17/093 (2006.01) G01R 33/56 (2006.01)**
[25] EN
[54] **LABELED FLUOROCARBON AGENTS FOR POSITRON EMISSION TOMOGRAPHY IMAGING**
[54] **AGENTS FLUOROCARBONES MARQUES A UTILISER DANS L'IMAGERIE PAR TOMOGRAPHIE PAR EMISSION DE POSITRONS**
[72] VALLIANT, JOHN, CA
[72] MATSUURA, NAOMI, CA
[71] MCMASTER UNIVERSITY, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2019-11-28
[86] 2018-06-04 (PCT/CA2018/050667)
[87] (WO2018/218376)
[30] US (62/514,182) 2017-06-02

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[13] A1
[51] **Int.Cl. H04W 28/12 (2009.01)**
[25] EN
[54] **COMMUNICATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION**
[72] WANG, HONG, CN
[72] QUAN, WEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-11-28
[86] 2017-06-30 (PCT/CN2017/090997)
[87] (WO2019/000364)

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[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF CELLULAR IMMUNOTHERAPY**
[54] **COMPOSITIONS ET METHODES D'IMMUNOTHERAPIE CELLULAIRE**
[72] LI, ZONGHAI, CN
[72] WANG, PENG, CN
[72] JIANG, HUA, CN
[71] CARSGEN THERAPEUTICS CO., LTD., CN
[71] SHANGHAI CANCER INSTITUTE, CN
[85] 2019-11-28
[86] 2018-05-30 (PCT/CN2018/089061)
[87] (WO2018/219299)
[30] CN (PCT/CN2017/086606) 2017-05-31

[21] **3,065,403**
[13] A1
[51] **Int.Cl. B65B 5/10 (2006.01) B65B 35/30 (2006.01)**
[25] EN
[54] **PACKAGING WITH THREE-DIMENSIONAL LOOP MATERIAL**
[54] **EMBALLAGE AVEC UN MATERIAU A BOUCLES TRIDIMENSIONNELLES**
[72] LI, SHENG, CN
[72] LI, BIN, CN
[72] SHAH, VIRAJ K., US
[72] YANG, XIANQI, CN
[72] PEREIRA, BRUNO RUFATO, BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-11-28
[86] 2017-05-31 (PCT/CN2017/086555)
[87] (WO2018/218484)

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[13] A1
[51] **Int.Cl. A23D 7/00 (2006.01) A23D 7/01 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING EDIBLE OIL-CONTINUOUS EMULSIONS**
[54] **PROCEDE DE PRODUCTION D'EMULSIONS HUILE-PHASE CONTINUE COMESTIBLES**
[72] VAN MALSSEN, KEES FREDERIK, NL
[72] MEEUSE, FREDERIK MICHIEL, NL
[72] POTMAN, RONALD PETER, NL
[71] UNILEVER BCS LIMITED, GB
[85] 2019-11-28
[86] 2018-04-10 (PCT/EP2018/059168)
[87] (WO2018/224203)
[30] EP (17174783.5) 2017-06-07

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[13] A1
[51] **Int.Cl. H04W 52/28 (2009.01) H04W 52/14 (2009.01) H04W 52/30 (2009.01)**
[25] EN
[54] **UPLINK TRANSMISSION METHOD AND TERMINAL DEVICE**
[54] **PROCEDE DE TRANSMISSION DE LIAISON MONTANTE ET DISPOSITIF TERMINAL**
[72] CHEN, WENHONG, CN
[72] ZHANG, ZHI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-28
[86] 2017-08-09 (PCT/CN2017/096671)
[87] (WO2019/028709)

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[13] A1
[51] **Int.Cl. G01N 21/41 (2006.01) G01N 21/47 (2006.01) G01N 21/55 (2014.01) G01N 21/77 (2006.01)**
[25] FR
[54] **OPTICAL DETECTION METHOD**
[54] **PROCEDE DE DETECTION OPTIQUE**
[72] VLANDAS, ALEXIS, FR
[72] WENGLER, JULIEN, FR
[72] LAMANT, SEBASTIEN, FR
[72] SENEZ, VINCENT, FR
[71] UNIVERSITE DE LILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2019-11-28
[86] 2018-06-01 (PCT/EP2018/064499)
[87] (WO2018/220191)
[30] FR (1754930) 2017-06-02

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[13] A1
[51] **Int.Cl. H04L 25/02 (2006.01)**
[25] EN
[54] **PRE-DISTORTION PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE PRE-DISTORSION**
[72] ANDREY, VOROBYEV, CN
[72] HONG, YIWEI, CN
[72] LI, TING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-11-28
[86] 2017-05-31 (PCT/CN2017/086564)
[87] (WO2018/218487)

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[13] A1
[51] **Int.Cl. A23L 7/104 (2016.01)**
[25] EN
[54] **A PROCESS FOR PREPARATION OF CEREAL FRACTIONS**
[54] **PROCEDE DE PREPARATION DE FRACTIONS DE CEREALES**
[72] KVIST, STEN, SE
[71] CREAL FOOD AB, SE
[85] 2019-11-28
[86] 2018-05-28 (PCT/EP2018/063931)
[87] (WO2018/219866)
[30] SE (1750661-9) 2017-05-29

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[13] A1
[51] **Int.Cl. B65B 3/04 (2006.01) B01F 3/08 (2006.01)**
[25] EN
[54] **METHOD FOR IN SITU MIXING OF LIQUID COMPOSITIONS WITH OFFSET LIQUID INFLUX**
[54] **PROCEDE DE MELANGE IN SITU DE COMPOSITIONS LIQUIDES AVEC AFFLUX DE LIQUIDE EN DECALAGE**
[72] CHEN, HONGLING, CN
[72] NG, BOON HO, CN
[72] GU, CHONG, CN
[72] ZHANG, QI, CN
[72] CAPECI, SCOTT WILLIAM, US
[71] THE PROCTER AND GAMBLE COMPANY, US
[85] 2019-11-28
[86] 2017-06-08 (PCT/CN2017/087538)
[87] (WO2018/223326)

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[13] A1
[51] **Int.Cl. H04W 52/00 (2009.01)**
[25] EN
[54] **SIGNAL TRANSMISSION METHOD AND TERMINAL DEVICE**
[54] **PROCEDE D'EMISSION DE SIGNAUX ET DISPOSITIF TERMINAL**
[72] CHEN, WENHONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-28
[86] 2017-08-16 (PCT/CN2017/097673)
[87] (WO2019/033302)

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[13] A1
[51] **Int.Cl. B27K 3/02 (2006.01) B05D 7/06 (2006.01) B27K 3/08 (2006.01) B27K 3/15 (2006.01) B27K 5/00 (2006.01)**
[25] FR
[54] **PROCESS FOR SUPERCRITICAL OR SUBCRITICAL PARTIAL DELIGNIFICATION AND FILLING OF A LIGNOCELLULOSIC MATERIAL**
[54] **PROCEDE DE DELIGNIFICATION PARTIELLE PAR VOIE SUPERCRITIQUE OU SUBCRITIQUE ET DE REMPLISSAGE D'UN MATERIAU LIGNO-CELLULOSIQUE**
[72] BOITOUZET, TIMOTHEE, FR
[71] BOITOUZET, TIMOTHEE, FR
[85] 2019-11-28
[86] 2018-06-07 (PCT/EP2018/065047)
[87] (WO2018/224598)
[30] FR (1755078) 2017-06-07

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[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01)**
[25] EN
[54] **MEASUREMENT GAP CONFIGURATION METHOD, APPARATUS, DEVICE, TERMINAL AND SYSTEM**
[54] **PROCEDE, APPAREIL, DISPOSITIF, TERMINAL, ET SYSTEME DE CONFIGURATION D'INTERVALLE DE MESURE**
[72] LIU, JIANHUA, CN
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-28
[86] 2017-06-15 (PCT/CN2017/088503)
[87] (WO2018/227494)

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **A METHOD FOR DIAGNOSING OR MONITORING KIDNEY FUNCTION OR DIAGNOSING KIDNEY DYSFUNCTION**
[54] **PROCEDE DE DIAGNOSTIC OU DE SURVEILLANCE DE LA FONCTION RENALE OU DE DIAGNOSTIC D'UNE DYSFONCTION RENALE**
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[71] SPHINGOTEC GMBH, DE
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[54] **MESURE DE CICATRISATION DE PLAIE**
[72] KEKONEN, ATTE, FI
[72] BERGELIN, MIKAEL, FI
[72] ERIKSSON, JAN-ERIK, FI
[72] JOHANSSON, MAX, FI
[71] CUTOSENSE OY, FI
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[54] **TREATMENT OF DISEASES ASSOCIATED WITH A DYSREGULATION OF THE MTOR PATHWAY**
[54] **TRAITEMENT DE MALADIES ASSOCIEES A UNE DYSREGULATION DE LA VOIE MTOR**
[72] RIBAN, VERONIQUE, FR
[72] VERLEYE, MARC, FR
[72] LE GUERN, MARIE-EMMANUELLE, FR
[71] BIOCODEX, FR
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[54] **WIND TURBINE OR WIND PARK FOR SUPPLYING ELECTRIC POWER**
[54] **EOLIENNE OU PARC EOLIEN SERVANT A INJECTER UNE PUISSANCE ELECTRIQUE**
[72] BROMBACH, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **COLLAPSIBLE SHEET FOR WOUND CLOSURE AND METHOD OF USE**
[54] **FEUILLE PLIABLE POUR FERMETURE DE PLAIE ET PROCEDE D'UTILISATION**
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[71] SMITH & NEPHEW PLC, GB
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[25] EN
[54] **MACHINE FOR CLEANING ANILOX ROLLS BY MEANS OF A LASER AND METHOD FOR AUTO-ADJUSTING THE LASER FOCAL POINT TO THE DIAMETER OF THE ANILOX ROLL**
[54] **MACHINE DE NETTOYAGE PAR LASER DE CYLINDRES ANILOX ET PROCEDE D'AJUSTEMENT AUTOMATIQUE DU FOYER LASER AU DIAMETRE DU CYLINDRE ANILOX**
[72] GUIXERAS NOGUE, LLUIS, ES
[72] GUIXERAS LLORA, RAFAEL, ES
[71] TEG TECHNOLOGIES RESEARCH AND DEVELOPMENT, S.L., ES
[85] 2019-11-28
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[54] **MASS SPECTROMETRY HISTOCHEMISTRY OF PEPTIDES FROM FORMALDEHYDE-FIXED, PARAFFIN-EMBEDDED TISSUE**
[54] **HISTOCHIMIE PAR SPECTROMETRIE DE MASSE DE PEPTIDES A PARTIR D'UN TISSU DISPERSE DANS DE LA PARAFFINE ET FIXE PAR LE FORMALDEHYDE**
[72] VERHAERT, PETER DOMINIEK EMIEL MARIA, BE
[71] VERHAERT, PETER DOMINIEK EMIEL MARIA, BE
[85] 2019-11-28
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[54] **PROCEDE DE GESTION D'IDENTIFIANTS DE FIDELITE, PROCEDE DE TRAITEMENT DE DONNEES DE FIDELITE, SERVEUR, DISPOSITIF DE TRANSACTION ET PROGRAMMES CORRESPONDANTS**
[54] **METHOD FOR MANAGING LOYALTY IDENTIFIERS, METHOD FOR PROCESSING LOYALTY DATA, SERVER, TRANSACTION DEVICE AND CORRESPONDING PROGRAMS**
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
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[25] EN
[54] **DOUGH RELAXATION USING GAMMA GLUTAMYL TRANSPEPTIDASE**
[54] **RELAXATION D'UNE PATE A L'AIDE D'UNE GAMMA GLUTAMYLE TRANSPEPTIDASE**
[72] KALUM, LISBETH, DK
[72] LANDVIK, SARA MARIA, DK
[72] MATVEEVA, IRINA VICTOROVNA, RU
[72] JOERGENSEN, STEEN TROELS, DK
[72] JENSEN, KENNETH, DK
[71] NOVOZYMES A/S, DK
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[25] EN
[54] **A METHOD OF PRODUCING A FOOD OR BEVERAGE PRODUCT WITH FREE DIVALENT CATIONS DAIRY AND PLANT PROTEIN AGGREGATION**
[54] **PROCEDE DE FABRICATION DE PRODUIT ALIMENTAIRE OU DE BOISSON AVEC AGREGATION DE PRODUIT LAITIER A CATIONS DIVALENTS LIBRES ET DE PROTEINES VEGETALES**
[72] SCHMITT, CHRISTOPHE JOSEPH ETIENNE, CH
[72] MARCHESINI, GIULIA, CH
[72] WILDE, SANDRA CATHARINA, CH
[72] KOLODZIEJCZYK, ERIC STANISLAS, CH
[72] PHILIP, COLINE, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **COMPOSITION D'HUILE LUBRIFIANTE**
[72] PALAZZOTTO, JOHN DOMINIC, US
[72] BROWN, MARTIN JOSEPH, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2019-11-28
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[25] EN
[54] **PACKAGING FOR A FOOD PRODUCT**
[54] **EMBALLAGE POUR PRODUIT ALIMENTAIRE**
[72] GIUSTI, ARTURO, IT
[72] LEWIS, BARTON JUNIOR, US
[71] CHEF PACK, LLC, US
[85] 2019-11-28
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[51] **Int.Cl. H04N 1/00 (2006.01) G06F 3/12 (2006.01) H04N 1/54 (2006.01) H04N 1/60 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A DIGITAL PRINTED IMAGE**
[54] **DISPOSITIF ET PROCEDE DE CREATION D'UNE IMAGE D'IMPRESSION NUMERIQUE**
[72] SCHIESTL, ANGELO, AT
[71] SCHIESTL, ANGELO, AT
[85] 2019-11-28
[86] 2018-06-22 (PCT/EP2018/066737)
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/20 (2016.01)**
[25] EN
[54] **VIDEO BASED PATIENT REGISTRATION AND TRACKING**
[54] **ENREGISTREMENT ET SUIVI DE PATIENT BASE SUR VIDEO**
[72] STOPP, SEBASTIAN, DE
[72] MANUS, JOHANNES, DE
[71] BRAINLAB AG, DE
[85] 2019-11-28
[86] 2018-07-11 (PCT/EP2018/068792)
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[51] **Int.Cl. F28D 7/16 (2006.01) F28F 9/22 (2006.01)**
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[54] **TUBE SHEETS AND TUBE SHEET ASSEMBLIES**
[54] **FEUILLES DE TUBE ET ENSEMBLES FEUILLES DE TUBE**
[72] KHATAMI, REZA, US
[71] RHEEM MANUFACTURING COMPANY, US
[85] 2019-11-28
[86] 2018-04-19 (PCT/US2018/028374)
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[51] **Int.Cl. A61B 90/20 (2016.01) A61B 34/20 (2016.01) A61B 90/25 (2016.01)**
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[54] **VIDEO BASED MICROSCOPE ADJUSTMENT**
[54] **REGLAGE DE MICROSCOPE FAISANT APPEL A LA VIDEO**
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[72] MANUS, JOHANNES, DE
[71] BRAINLAB AG, DE
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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/28 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS OF ENGINEERING SURFACE CHARGE FOR BISPECIFIC ANTIBODY PRODUCTION**
[54] **PROCEDES D'INGENIERIE DE CHARGE DE SURFACE POUR LA PRODUCTION D'UN ANTICORPS BISPECIFIQUE**
[72] NESSPOR, THOMAS, US
[71] JANSSEN BIOTECH, INC., US
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[25] EN
[54] **LADDER SUPPORT**
[54] **SUPPORT D'ECHELLE**
[72] SKELHORN, DYLAN, GB
[71] SKELHORN, DYLAN, GB
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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/352 (2006.01) A61K 31/436 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF CANNABIDIOL IN THE TREATMENT OF TUBEROUS SCLEROSIS COMPLEX**
[54] **UTILISATION DE CANNABIDIOL DANS LE TRAITEMENT DE LA SCLEROSE TUBEREUSE DE BOURNEVILLE**
[72] WHALLEY, BENJAMIN, GB
[72] HIND, WILLIAM, GB
[72] GRAY, ROYSTON, GB
[72] BAZELOT, MICHAEL, GB
[72] DE SILVA SERRA, INES, GB
[72] WILLIAMS, CLAIRE, GB
[72] TEE, ANDREW, GB
[71] GW RESEARCH LIMITED, GB
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[51] **Int.Cl. A61H 35/02 (2006.01) A61K 36/18 (2006.01) A61P 27/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING DRY EYE SYNDROME DELIVERING ANTIBIOTIC MACROLIDE**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DU SYNDROME DE LA KERATOCONJONCTIVITE SECHE PAR ADMINISTRATION D'UN ANTIBIOTIQUE MACROLIDE**
[72] ATTAR, ISHAY, IL
[72] SHEETRIT, EYAL, IL
[71] EXIMORE LTD., IL
[85] 2019-11-28
[86] 2018-05-30 (PCT/IB2018/000693)
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[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF 5-BROMO-2,6-DI(1H-PYRAZOL-1-YL)PYRIMIDIN-4-AMINE A ND NEW SALTS**
[54] **FORMES CRISTALLINES DE 5-BROMO-2,6-DI(1H-PYRAZOL-1-YL)PYRIMIDIN-4-AMINE ET NOUVEAUX SELS**
[72] CUI, KAI, CN
[72] KONG, WEIYONG, CN
[72] CASTRO-PALOMINO LARIA, JULIO CESAR, ES
[71] NOVARTIS AG, CH
[71] PALOBIOFARMA S.L., ES
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[51] **Int.Cl. F25D 19/00 (2006.01) F25D 11/00 (2006.01) F25D 29/00 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **REFRIGERATED, THERMALLY INSULATED, COLLAPSIBLE COVER SYSTEM, ASSEMBLY AND METHOD OF USING TO TRANSPORT PERISHABLE PRODUCTS**
[54] **SYSTEME DE COUVERTURE PLIABLE, THERMIQUEMENT ISOLE, REFRIGERE, ENSEMBLE ET PROCEDE D'UTILISATION POUR TRANSPORTER DES PRODUITS PERISSABLES**
[72] KENNEALLY, KEITH, US
[71] KENNEALLY, KEITH, US
[85] 2019-11-28
[86] 2018-05-31 (PCT/IB2018/053866)
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[51] **Int.Cl. A61L 27/24 (2006.01) B33Y 70/00 (2015.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING USING RECOMBINANT COLLAGEN-CONTAINING FORMULATION**
[54] **FABRICATION ADDITIVE A L'AIDE DE FORMULATION CONTENANT DU COLLAGENE RECOMBINANT**
[72] SHOSEYOV, ODED, IL
[72] ORR, NADAV, IL
[72] SEROR MAKNOUZ, JASMINE, IL
[72] ZARKA, REVITAL, IL
[71] COLLPLANT LTD., IL
[85] 2019-11-28
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[30] US (62/517,179) 2017-06-09

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[51] **Int.Cl. C04B 7/00 (2006.01) C04B 7/36 (2006.01) F27D 17/00 (2006.01)**
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[54] **METHOD FOR MANUFACTURING CEMENT**
[54] **PROCEDE DE FABRICATION DE CIMENT**
[72] AHALAWAT, RAVI KANT, IN
[71] AHALAWAT, RAVI KANT, IN
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[54] **SYSTEMS AND METHODS FOR REAL-TIME APPLICATION CONFIGURATION FOR NFC TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES DE CONFIGURATION D'APPLICATION EN TEMPS REEL POUR DES TRANSACTIONS NFC**
[72] SPECTOR, HOWARD, US
[72] DAO, TUAN, US
[71] JPMORGAN CHASE BANK, N.A., US
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[87] (WO2018/222438)
[30] US (62/512,781) 2017-05-31
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[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/122 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **METHOD AND DEVICE FOR VIDEO SIGNAL PROCESSING**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAL VIDEO**
[72] LEE, BAE KEUN, KR
[71] KT CORPORATION, KR
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[86] 2018-05-16 (PCT/KR2018/005583)
[87] (WO2018/212577)
[30] KR (10-2017-0061085) 2017-05-17

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/04 (2006.01) A61B 5/05 (2006.01) A61B 5/055 (2006.01) A61N 2/00 (2006.01) A61N 2/02 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER-ACCESSIBLE MEDIUM FOR PREDICTING RESPONSE TO ELECTROCONVULSIVE THERAPY BASED ON BRAIN FUNCTIONAL CONNECTIVITY PATTERNS**
[54] **SYSTEME, PROCEDE ET SUPPORT ACCESSIBLE PAR ORDINATEUR POUR PREDIRE UNE REPONSE A UNE THERAPIE ELECTROCONVULSIVE SUR LA BASE DE MOTIFS DE CONNECTIVITE FONCTIONNELLE CEREBRALE**
[72] JAVITT, DANIEL, US
[72] PRUDIC, JOAN, US
[72] ROWNY, STEFAN, US
[72] MORENO, MARTA, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[30] US (62/478,951) 2017-03-30
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[51] **Int.Cl. H04N 19/139 (2014.01) H04N 19/122 (2014.01) H04N 19/172 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **METHOD AND DEVICE FOR VIDEO SIGNAL PROCESSING**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAL VIDEO**
[72] LEE, BAE KEUN, KR
[71] KT CORPORATION, KR
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[30] KR (10-2017-0061086) 2017-05-17

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[51] **Int.Cl. B67C 3/04 (2006.01) B65B 31/02 (2006.01) B65B 31/04 (2006.01) B67C 3/14 (2006.01) B67C 7/00 (2006.01)**
[25] EN
[54] **HYBRID METHOD AND SYSTEM FOR PROCESSING CONTAINERS**
[54] **PROCEDE ET SYSTEME HYBRIDES DE TRAITEMENT DE CONTENANTS**
[72] MELROSE, DAVID MURRAY, NZ
[72] MELROSE-ALLEN, CAMPBELL, NZ
[71] DAVID MELROSE DESIGN LIMITED, NZ
[85] 2019-11-28
[86] 2018-05-30 (PCT/NZ2018/050076)
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[30] NZ (732317) 2017-05-30

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[51] **Int.Cl. H01R 9/24 (2006.01) H01R 9/26 (2006.01) H01R 9/28 (2006.01) H01R 13/74 (2006.01) H01T 4/06 (2006.01)**
[25] EN
[54] **FEED THRU DISCONNECT/TEST TERMINAL BLOCK**
[54] **BLOC DE BORNE DE DECONNEXION/TEST D'ALIMENTATION DE PASSAGE**
[72] WYDOTIS, LEONARD, US
[72] LONG, ZHENZHONG, US
[72] WING, BARDEN J., US
[71] SIEMENS MOBILITY, INC., US
[85] 2019-11-28
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[87] (WO2018/222221)
[30] US (62/512,854) 2017-05-31

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[51] **Int.Cl. B32B 15/08 (2006.01) B21D 22/28 (2006.01) B32B 27/36 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **RESIN-COATED METAL SHEET FOR CONTAINER**
[54] **PLAQUE METALLIQUE REVETUE DE RESINE POUR RECIPIENT**
[72] KITAGAWA, JUNICHI, JP
[72] HIRAGUCHI, TOMONARI, JP
[72] NAKAMURA, NORIHIKO, JP
[72] SAITO, HAYATO, JP
[72] OSHIMA, YASUHIDE, JP
[72] KOJIMA, KATSUMI, JP
[71] JFE STEEL CORPORATION, JP
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[51] **Int.Cl. B65D 81/26 (2006.01)**
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[54] **PACKAGING WITH THREE-DIMENSIONAL LOOP MATERIAL**
[54] **EMBALLAGE A MATERIAU A BOUCLES TRIDIMENSIONNELLES**
[72] ALVAREZ, EDUARDO, ES
[72] ARROYO VILLAN, MARIA ISABEL, ES
[72] PARKINSON, SHAUN, ES
[72] SHAH, VIRAJ, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **OUTIL DE COMMUNICATION FLUIDIQUE DE PUITS DE FORAGE**
[72] MADDUX, STEPHEN ROSS, US
[72] KOHN, GARY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. A61L 27/36 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **METHOD FOR PRODUCING DECELLULARIZED MATERIAL FOR TRANSPLANTATION AND GRAFT COMPOSITION CONSISTING OF BIOCOMPATIBLE MATERIAL INCLUDING SAID MATERIAL**
[54] **PROCEDE DE PRODUCTION DE MATERIAU DECELLULARISE POUR TRANSPLANTATION ET COMPOSITION DE GREFFE COMPRENANT UN MATERIAU BIOCOMPATIBLE COMPRENANT LEDIT MATERIAU**
[72] HIGAMI, TETSUYA, JP
[72] HIWATARI, KENICHIRO, JP
[72] YAMAGUCHI, YU, JP
[72] OBARA, HARUKI, JP
[72] KIMURA, TAKUYA, JP
[72] HOMMA, MITSUMASA, JP
[72] OCHIAI, KYOHEI, JP
[72] KINOSHITA, KEITA, JP
[72] MORIMOTO, NAOKI, JP
[71] ADEKA CORPORATION, JP
[85] 2019-11-28
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[54] **METHOD AND SYSTEM FOR ORIFICE CONTROL OF VALVE PRESSURE DROP**
[54] **PROCEDE ET SYSTEME DE REGULATION DES PERTES DE CHARGE A TRAVERS DES CLAPETS PAR DES ORIFICES**
[72] BURTON, LARRY W., US
[72] BINKLEY, MICHAEL J., US
[72] FLEMING, PHILLIP BRADLEY, US
[71] GTC TECHNOLOGY US, LLC, US
[85] 2019-11-28
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[54] **A FORMULATION AND A COATED SUBSTRATE**
[54] **FORMULATION ET SUBSTRAT REVETU**
[72] HEDMAN, GORAN, SE
[72] GHAJERI, FARNAZ, SE
[71] SVENSKA AEROGEL AB, SE
[85] 2019-11-28
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[25] EN
[54] **GEL COMPOSITION, CABLE FILLER, CABLE, AND CRUMB FOR GEL COMPOSITION**
[54] **COMPOSITION DE GEL, MATERIAU DE REMPLISSAGE DE CABLE, CABLE, ET GRANULE POUR COMPOSITION DE GEL**
[72] MORISHITA, YOSHIHIRO, JP
[72] TOMISHIMA, YUTA, JP
[72] OSHITA, SHINYA, US
[72] MINAMIDE, ASAKO, DE
[71] KURARAY CO., LTD., JP
[85] 2019-11-28
[86] 2018-05-31 (PCT/JP2018/020984)
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[51] **Int.Cl. G01C 21/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MISSION PLANNING AND FLIGHT AUTOMATION FOR UNMANNED AIRCRAFT**
[54] **SYSTEME ET PROCEDE DE PLANIFICATION DE MISSION ET D'AUTOMATISATION DE VOL POUR AERONEF SANS PILOTE**
[72] LEWIS, JEFFERY D., US
[72] TAYLOR, JEFFREY C., US
[72] REED, COREY D., US
[72] TOMKINSON, TROY, US
[71] GEOMNI, INC., US
[85] 2019-11-28
[86] 2018-05-31 (PCT/US2018/035504)
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[30] US (62/512,989) 2017-05-31

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[51] **Int.Cl. G21K 1/00 (2006.01) A61N 5/10 (2006.01) G21K 5/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SURFACE MODIFICATION OF SUBSTRATE FOR ION BEAM TARGET**
[54] **PROCEDE ET SYSTEME DE MODIFICATION DE SURFACE D'UN SUBSTRAT DESTINE A UNE CIBLE DE FAISCEAU IONIQUE**
[72] PARK, WILLIAM H. JR., US
[72] LAMBERT, MARK, US
[72] GILLESPIE, JOSEPH, US
[72] SMICK, NOAH, US
[72] SAKASE, TAKAO, US
[71] NEUTRON THERAPEUTICS INC., US
[71] PARK, WILLIAM H. JR., US
[71] LAMBERT, MARK, US
[71] GILLESPIE, JOSEPH, US
[71] SMICK, NOAH, US
[71] SAKASE, TAKAO, US
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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **SUTURE ANCHOR CONSTRUCT AND DEPLOYMENT DEVICE**
[54] **CONSTRUCTION D'ANCRAGE DE SUTURE ET DISPOSITIF DE DEPLOIEMENT**
[72] ALFONSO, GREGORY A., US
[72] SUMMITT, MATTHEW C., US
[72] ROFMAN, ROBERT A., US
[71] CONMED CORPORATION, US
[85] 2019-11-28
[86] 2018-05-22 (PCT/US2018/033781)
[87] (WO2018/226392)
[30] US (62/515,023) 2017-06-05
[30] US (62/517,395) 2017-06-09
[30] US (15/687,040) 2017-08-25

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[25] EN
[54] **SYSTEM AND LOGIC TO CONVERT AN EXISTING ONLINE BANK TRANSFER TRANSACTION**
[54] **SYSTEME ET LOGIQUE PERMETTANT DE CONVERTIR UNE TRANSACTION DE TRANSFERT BANCAIRE EN LIGNE EXISTANTE**
[72] SUKHIJA, ROHIT, IN
[72] KLEPP, JAN TORE, US
[72] KATHIRESAN, PALANIAPPAN, IN
[72] HEGDE, VILAS, IN
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[25] EN
[54] **PREACTION SPRINKLER VALVE ASSEMBLIES, RELATED DRY SPRINKLER DEVICES, AND COMPRESSIVE ACTIVATION MECHANISM**
[54] **ENSEMBLES SOUPAPE DE SPRINKLEUR A ACTION PREALABLE, DISPOSITIFS DE TYPE SPRINKLEUR ANTIGEL ASSOCIES, ET MECANISME D'ACTIVATION PAR COMPRESSION**
[72] MEYER, STEPHEN J., US
[72] ARCHIBALD, THOMAS EDWIN, US
[72] MAUGHAN, KEVIN DESMOND, US
[72] RINGER, YORAM, US
[72] DESROSIER, JOHN, US
[71] VICTAULIC COMPANY, US
[85] 2019-11-28
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[51] **Int.Cl. F16L 21/06 (2006.01) B21D 39/04 (2006.01) F16L 21/00 (2006.01) F16L 21/02 (2006.01) F16L 21/03 (2006.01) F16L 25/14 (2006.01)**
[25] EN
[54] **COUPLING HAVING SEAL WITH RETRACTING CENTER LEG**
[54] **COUPLAGE AYANT UN JOINT D'ETANCHEITE AVEC BRANCHE CENTRALE RETRACTABLE**
[72] BANCROFT, PHILIP WAYNE, US
[71] VICTAULIC COMPANY, US
[85] 2019-11-28
[86] 2018-05-31 (PCT/US2018/035388)
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[30] US (62/514,229) 2017-06-02

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[51] **Int.Cl. G01V 1/18 (2006.01) G01H 9/00 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **OPTICAL SENSING CABLE WITH ACOUSTIC LENSING OR REFLECTING FEATURES**
[54] **CABLE DE DETECTION OPTIQUE PRESENTANT DES CARACTERISTIQUES LENTICULAIRES ACOUSTIQUES OU REFLECHISSANTES**
[72] FREELAND, RILEY SAUNDERS, US
[72] GIMBLET, MICHAEL JOHN, US
[72] LAIL, JASON CLAY, US
[72] REGISTER, JAMES ARTHUR, III, US
[72] SEDDON, DAVID ALAN, US
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2019-11-28
[86] 2018-05-25 (PCT/US2018/034672)
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[51] **Int.Cl. C25D 3/54 (2006.01) C25D 3/56 (2006.01) C25D 9/08 (2006.01) C25D 9/10 (2006.01) C25D 9/12 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ELECTROCHEMICAL DEPOSITION OF METAL RICH LAYERS IN AQUEOUS SOLUTIONS**
[54] **PROCEDES ET COMPOSITIONS DE DEPOT ELECTROCHIMIQUE DE COUCHES RICHES EN METAL DANS DES SOLUTIONS AQUEUSES**
[72] WATKINS, JOHN D., US
[72] NULWALA, HUNAID B., US
[71] LUMISHIELD TECHNOLOGIES INCORPORATED, US
[85] 2019-11-28
[86] 2018-06-01 (PCT/US2018/035577)
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[30] US (62/513,654) 2017-06-01

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[51] **Int.Cl. G06Q 40/08 (2012.01) G06F 17/00 (2019.01)**
[25] EN
[54] **VEHICLE TELEMATICS BASED DRIVING ASSESSMENT**
[54] **EVALUATION DE CONDUITE BASEE SUR LA TELEMATIQUE D'UN VEHICULE**
[72] FERGUSON, DANA, US
[72] SNYDER, JARED S., US
[72] CHOU, ANNA YUM-WAI-SHAN, US
[72] CHANG, CRAIG, US
[72] DALY, AARON D., US
[72] POLISSON, JR., WILLIAM F., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036087)
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[30] US (15/613,919) 2017-06-05

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[51] **Int.Cl. C02F 1/68 (2006.01) C02F 1/00 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **CHEMICAL INJECTION CONTROL SYSTEM AND METHOD FOR CONTROLLING CHLORAMINES**
[54] **SYSTEME DE COMMANDE D'INJECTION CHIMIQUE ET PROCEDE DE REGULATION DE CHLORAMINES**
[72] FRITZ, BILLIE, US
[72] KUSHMAN, MARK, US
[71] UGSI SOLUTIONS, INC., US
[85] 2019-11-28
[86] 2018-05-31 (PCT/US2018/035349)
[87] (WO2018/222841)
[30] US (62/513,028) 2017-05-31

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[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/577 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **DETECTION OF PAR IN THE CSF OF PATIENTS WITH PARKINSON'S DISEASE**
[54] **DETECTION DE PAR DANS LE LCR DE PATIENTS ATTEINTS DE LA MALADIE DE PARKINSON**
[72] DAWSON, TED, US
[72] DAWSON, VALINA, US
[72] KAM, TAE-IN, US
[72] ROSENTHAL, LIANA, US
[72] ANDRABI, SHAIDA, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2019-11-28
[86] 2018-06-01 (PCT/US2018/035614)
[87] (WO2018/223003)
[30] US (62/514,316) 2017-06-02
[30] US (62/679,161) 2018-06-01

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **NECTIN-4-BINDING PROTEINS AND METHODS OF USE THEREOF**
[54] **PROTEINES DE LIAISON A LA NECTINE-4 ET LEURS PROCEDES D'UTILISATION**
[72] MORRISON, KAREN JANE MEYRICK, US
[72] DONATE, FERNANDO, US
[72] YANG, PENG, US
[71] AGENSYS, INC., US
[85] 2019-11-28
[86] 2018-06-04 (PCT/US2018/035840)
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[30] US (62/515,454) 2017-06-05

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[51] **Int.Cl. H04W 24/00 (2009.01)**
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[54] **CHANNEL QUALITY MEASUREMENT IN UNLICENSED DEPLOYMENTS**
[54] **MESURE DE QUALITE DE CANAL DANS DES DEPLOIEMENTS SANS LICENCE**
[72] YERRAMALLI, SRINIVAS, US
[72] LIU, CHIH-HAO, US
[72] KADOUS, TAMER, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-28
[86] 2018-06-07 (PCT/US2018/036484)
[87] (WO2019/013909)
[30] US (62/532,676) 2017-07-14
[30] US (16/001,155) 2018-06-06

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[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES THAT SPECIFICALLY BIND PD-1 AND METHODS OF USE**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A PD-1 ET LEURS METHODES D'UTILISATION**
[72] CHEN, QIANG, US
[72] COLE, SUZANNE, US
[72] DUFFY, KAREN, US
[72] GARDNER, DEBRA, US
[72] GUO, YANXIA, US
[72] HAMEL, DAMON, US
[72] HITCHCOCK, SHANNON, US
[72] LACOMBE, ANN, US
[72] LUO, JINQUAN, US
[72] MALAVIYA, RAVI, US
[72] ORLOVSKY, YEVGENIYA, US
[72] SOROOSH, PEJMAN, US
[72] SWIECKI, MELISSA, US
[72] WILKINSON, DEEPTI, US
[71] JANSSEN BIOTECH, INC., US
[85] 2019-11-28
[86] 2018-06-04 (PCT/US2018/035843)
[87] (WO2018/226580)
[30] US (62/515,188) 2017-06-05
[30] US (62/648,114) 2018-03-26
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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **COMPOSITE DRESSINGS FOR IMPROVED GRANULATION AND REDUCED MACERATION WITH NEGATIVE-PRESSURE TREATMENT**
[54] **PANSEMENTS COMPOSITES POUR GRANULATION AMELIOREE ET MACERATION REDUITE AVEC TRAITEMENT A PRESSION NEGATIVE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[71] KCI LICENSING, INC., US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/035960)
[87] (WO2018/226627)
[30] US (62/516,566) 2017-06-07
[30] US (62/516,540) 2017-06-07
[30] US (62/516,550) 2017-06-07
[30] US (62/565,754) 2017-09-29
[30] US (62/576,498) 2017-10-24
[30] US (62/592,950) 2017-11-30
[30] US (62/613,494) 2018-01-04
[30] US (62/616,244) 2018-01-11
[30] US (62/623,325) 2018-01-29
[30] US (62/625,704) 2018-02-02
[30] US (62/633,438) 2018-02-21

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[51] **Int.Cl. A61K 39/29 (2006.01) C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61K 39/395 (2006.01) A61P 31/20 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOSITIONS AND METHODS FOR TREATING HEPATITIS B**
[54] **COMPOSITIONS ET METHODES THERAPEUTIQUES POUR LE TRAITEMENT DE L'HEPATITE B**
[72] LEE, AMY C. H., US
[72] THI, EMILY P., US
[71] ARBUTUS BIOPHARMA CORPORATION, US
[85] 2019-11-28
[86] 2018-05-31 (PCT/US2018/035452)
[87] (WO2018/222910)
[30] US (62/513,261) 2017-05-31

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RETRIEVING DATA FROM A NON-NETWORKED, REMOTELY-LOCATED DATA GENERATING DEVICE**
[54] **SYSTEME ET PROCEDE DE RECUPERATION DE DONNEES PROVENANT D'UN DISPOSITIF DE GENERATION DE DONNEES SITUE A DISTANCE ET HORS RESEAU**
[72] SMALL, RYAN KENNETH, US
[72] AHLES, ANDREW CHARLES, US
[72] DIDOMENICO, NICHOLAS FRANCIS, US
[71] IDEXX LABORATORIES, INC., US
[85] 2019-11-28
[86] 2018-06-14 (PCT/US2018/037464)
[87] (WO2018/236658)
[30] US (62/522,235) 2017-06-20

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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **MULTI-BARREL DRILL GUIDE AND ANCHOR DEPLOYMENT ASSEMBLY**
[54] **GUIDE DE FORET A CYLINDRES MULTIPLES ET ENSEMBLE DE DEPLOIEMENT D'ANCRAGE**
[72] THIBODEAU, ROBERT A., US
[72] ALFONSO, GREGORY A, US
[72] SUMMITT, MATTHEW C., US
[72] ROFMAN, ROBERT A., US
[71] CONMED CORPORATION, US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036011)
[87] (WO2018/226663)
[30] US (62/515,033) 2017-06-05
[30] US (62/515,082) 2017-06-05
[30] US (62/516,733) 2017-06-08
[30] US (62/618,817) 2018-01-18
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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **MULTI-LAYER WOUND FILLER FOR EXTENDED WEAR TIME**
[54] **PANSEMENT POUR CAVITE DE PLAIE MULTICOUCHE POUR DUREE D'UTILISATION PROLONGEE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[71] KCI LICENSING, INC., US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036021)
[87] (WO2018/226669)
[30] US (62/516,566) 2017-06-07
[30] US (62/516,540) 2017-06-07
[30] US (62/516,550) 2017-06-07
[30] US (62/565,754) 2017-09-29
[30] US (62/576,498) 2017-10-24
[30] US (62/592,950) 2017-11-30

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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/165 (2006.01) A61K 31/27 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING EXCESSIVE SLEEPINESS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE SOMNOLENCE EXCESSIVE**
[72] CARTER, LAWRENCE PATRICK, US
[72] LU, YUAN, US
[71] JAZZ PHARMACEUTICALS IRELAND LIMITED, IE
[85] 2019-11-28
[86] 2018-06-01 (PCT/US2018/035532)
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[30] US (62/514,176) 2017-06-02

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[13] A1
[51] **Int.Cl. C07H 21/02 (2006.01) C12N 15/113 (2010.01) C07H 21/04 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'OLIGONUCLEOTIDES ET LEURS PROCEDES D'UTILISATION**
[72] VARGEESE, CHANDRA, US
[72] IWAMOTO, NAOKI, US
[72] BUTLER, DAVID CHARLES DONNELL, US
[72] MARAPPAN, SUBRAMANIAN, US
[72] LU, GENLIANG, US
[72] ZHANG, JASON JINGXIN, US
[72] VATHIPADIEKAL, VINOD, US
[72] APPONI, LUCIANO HENRIQUE, US
[72] WISNIEWSKA, HANNA MARIA, US
[72] CHENG, XIAYUN, US
[72] CHO, YOUNG JIN, US
[71] WAVE LIFE SCIENCES LTD., SG
[71] PFIZER INC., US
[85] 2019-11-28
[86] 2018-06-01 (PCT/US2018/035721)
[87] (WO2018/223081)
[30] US (62/514,769) 2017-06-02
[30] US (62/670,698) 2018-05-11

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[13] A1
[51] **Int.Cl. A61K 31/7004 (2006.01) A61K 35/17 (2015.01) A61K 31/7024 (2006.01) A61P 35/02 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **T CELLS WITH REDUCED SURFACE FUCOSYLATION AND METHODS OF MAKING AND USING THE SAME**
[54] **LYMPHOCYTES T A FUCOSYLATION DE SURFACE REDUITE ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CEUX-CI**
[72] OKELEY, NICOLE, US
[72] FIELD, JESSICA JAYNE, US
[72] GARDAI, SHYRA, US
[72] HEISER, RYAN, US
[71] SEATTLE GENETICS, INC., US
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[54] **MELANGES HERBICIDES A BASE D'AUXINE**
[72] HEMMINGHAUS, JOHN W., US
[72] KLOPF, GARY J., US
[72] WHITTECK, JOHN T., US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **REMOTE LIGHTING SYSTEM OPERABLE TO CORRESPOND WITH VEHICLE LIGHTING**
[54] **SYSTEME D'ECLAIRAGE A DISTANCE UTILISABLE POUR CORRESPONDRE A UN ECLAIRAGE DE VEHICULE**
[72] WERNER, DAVID R., US
[72] ZIMA, DAVID, US
[72] HAMMOND, JOHN M., US
[71] THIRD EYE DESIGN, INC., US
[85] 2019-11-28
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[54] **AGREGATION INTELLIGENTE DE DONNEES**
[72] AGRAWAL, PRASHANT KUMAR, IN
[72] GHODE, MANOJ, IN
[72] RAVI, SUJITHA MODAKKUPATTI, IN
[71] YODLEE, INC., US
[85] 2019-11-28
[86] 2018-05-25 (PCT/US2018/034677)
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[25] EN
[54] **COMPOSITE DRESSINGS FOR IMPROVED GRANULATION REDUCED MACERATION WITH NEGATIVE-PRESSURE TREATMENT**
[54] **PANSEMENTS COMPOSITES PERMETTANT UNE MACERATION REDUITE PAR GRANULATION AMELIOREE AVEC TRAITEMENT PAR PRESSION NEGATIVE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[71] KCI LICENSING, INC., US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036077)
[87] (WO2018/226707)
[30] US (62/516,540) 2017-06-07
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[30] US (62/516,566) 2017-06-07
[30] US (62/565,754) 2017-09-29
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[30] US (62/592,950) 2017-11-30
[30] US (62/613,494) 2018-01-04
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[54] **METHOD FOR DISPERSING KINETIC HYDRATE INHIBITORS**
[54] **PROCEDE DE DISPERSION D'INHIBITEURS D'HYDRATES CINETIQUES**
[72] BARTELS, JEREMY WAYNE, US
[72] JONES, REGAN ANDREW, US
[72] MCNAMEE, KEVIN PATRICK, GB
[72] WEATHERS, THOMAS M., US
[71] ECOLAB USA INC., US
[85] 2019-11-28
[86] 2018-06-01 (PCT/US2018/035557)
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[54] **COMPOSITE LIGHT ADJUSTABLE INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE AJUSTABLE A LA LUMIERE COMPOSITE**
[72] GOLDSHLEGER, ILYA, US
[72] KONDIS, JOHN, US
[72] KURTZ, RONALD M., US
[72] SHRESTHA, RITU, US
[72] ZIMANYI, GERGELY T., US
[71] RXSIGHT, INC., US
[85] 2019-11-28
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[51] **Int.Cl. C12N 5/0783 (2010.01)**
[25] EN
[54] **METHODS OF USING TUMOR INFILTRATING LYMPHOCYTES IN DOUBLE-REFRACTORY MELANOMA**
[54] **PROCEDES D'UTILISATION DE LYMPHOCYTES INFILTRANT LES TUMEURS DANS UN MELANOME DOUBLEMENT REFRACTAIRE**
[72] FARDIS, MARIA, US
[71] IOVANCE BIOTHERAPEUTICS, INC., US
[85] 2019-11-28
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[54] **ACCESSIBLE RADOME ASSEMBLY**
[54] **ENSEMBLE RADOME ACCESSIBLE**
[72] LEWIS, DAVID J., US
[72] BROWN, JEFFREY CURTIS, US
[72] HAMBRICK, TONY CURTIS, US
[72] RODERICK, JAMES ROBERT, US
[71] THE NORDAM GROUP LLC, US
[85] 2019-11-28
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[54] **HIGH RATE ULTRASONIC SEALER**
[54] **SCELLEUSE A ULTRASONS A DEBIT ELEVE**
[72] WATTS, MARK ROBERT, US
[71] CAMPBELL SOUP COMPANY, US
[85] 2019-11-28
[86] 2018-05-29 (PCT/US2018/034831)
[87] (WO2018/222565)
[30] US (62/512,287) 2017-05-30
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[25] EN
[54] **METHOD OF FILLING A CONTAINER USING AN ASSEMBLY OF ADJUSTABLE VOLUME**
[54] **PROCEDE DE REMPLISSAGE D'UN RECIPIENT A L'AIDE D'UN ENSEMBLE DE VOLUME REGLABLE**
[72] CACCIATORE, JUSTIN THOMAS, US
[72] GOUDY, ERIC SHAWN, US
[72] DURHAM, BERNARD GEORGE, US
[72] LEUNG, BENNY, US
[72] KULEY, JOHN GLENN, US
[72] CAPECI, SCOTT WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-11-28
[86] 2018-06-07 (PCT/US2018/036432)
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[51] **Int.Cl. A44B 11/10 (2006.01) F16G 11/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE BUNGEE FASTENER**
[54] **ELEMENT DE FIXATION TENDEUR REGLABLE**
[72] ROMERO, OSCAR, US
[71] SPECTRUM BRANDS, INC., US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036110)
[87] (WO2018/226729)
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[51] **Int.Cl. B65D 81/34 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **ULTRASONICALLY WELDABLE POLYMERIC LIDS AND MICROWAVABLE POLYMERIC CONTAINERS**
[54] **COUVERCLES POLYMERES SOUDABLES PAR ULTRASONS ET RECIPIENTS POLYMERES MICRO-ONDABLES**
[72] WATTS, MARK ROBERT, US
[71] CAMPBELL SOUP COMPANY, US
[85] 2019-11-28
[86] 2018-05-29 (PCT/US2018/034832)
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[30] US (62/512,290) 2017-05-30
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[25] EN
[54] **PREDICTING CANCER TREATMENT OUTCOME WITH T-DM1**
[54] **PREDICTION DE RESULTAT DE TRAITEMENT DU CANCER PAR T-DM1**
[72] HEMBROUGH, TODD, US
[72] CECCHI, FABIOLA, US
[72] SCHWARTZ, SARIT, US
[72] SCALTRITI, MAURIZIO, US
[72] LI, BOB T., US
[71] EXPRESSION PATHOLOGY, INC., US
[71] MEMORIAL SLOAN-KETTERING CANCER ENTER, US
[85] 2019-11-28
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[30] US (62/514,661) 2017-06-02

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[54] **BLENDS OF LINEAR LOW DENSITY POLYETHYLENES**
[54] **MELANGES DE POLYETHYLENES BASSES DENSITES LINEAIRES**
[72] CHANDAK, SWAPNIL B., US
[72] BORSE, NITIN, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2019-11-28
[86] 2018-05-29 (PCT/US2018/034843)
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[30] US (62/512,860) 2017-05-31

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[51] **Int.Cl. C07K 14/505 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **ERYTHROPOIETIN AND ANALOGS FOR VETERINARY USE**
[54] **ERYTHROPOIETINE ET COMPOSES ANALOGUES A USAGE VETERINAIRE**
[72] ZHAN, HANGJUN, US
[72] NGUYEN, LAM, US
[72] LI, YONGZHONG, US
[72] CHU, QINGYI, US
[72] GARCIA-MURILLO, ESTELA, US
[72] LEITMAN, VICTORIA, US
[72] SUNDLOF, STEPHEN, US
[72] CHIN, RICHARD, US
[72] LI, SHYR JIANN, US
[71] KINDRED BIOSCIENCES, INC., US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036133)
[87] (WO2018/226747)
[30] US (62/516,092) 2017-06-06
[30] US (62/516,642) 2017-06-07
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[25] EN
[54] **INTRAOCULAR PSEUDOPHAKIC CONTACT LENS WITH MECHANISM FOR SECURING BY ANTERIOR LEAFLET OF CAPSULAR WALL AND RELATED SYSTEM AND METHOD**
[54] **LENTILLE DE CONTACT INTRAOCULAIRE PSEUDOPHAQUE AVEC MECANISME DE FIXATION PAR FEUILLET ANTERIEUR DE PAROI CAPSULAIRE ET SYSTEME ET METHODE ASSOCIES**
[72] CADY, KEVIN J., US
[71] ONPOINT VISION, INC., US
[85] 2019-11-28
[86] 2018-06-07 (PCT/US2018/036519)
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[30] US (15/646,254) 2017-07-11

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[51] **Int.Cl. A61K 8/66 (2006.01) A61K 8/99 (2017.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **BOTULINUM NEUROTOXIN FOR TREATMENT OF DISORDERS ASSOCIATED WITH MELANOCYTE HYPERACTIVITY AND/OR EXCESS MELANIN**
[54] **NEUROTOXINE BOTULIQUE POUR LE TRAITEMENT DE TROUBLES ASSOCIES A L'HYPERACTIVITE DES MELANOCYTES ET/OU A LA MELANINE EN EXCES**
[72] JACKY, BIRGITTE P.S., US
[72] MALIK, SHIZAZH Z., US
[72] WANG, JOANNE, US
[72] LIU, YI, US
[72] BRIDEAU-ANDERSEN, AMY, US
[72] STEWARD, LANCE E., US
[72] LE, LINH Q., US
[72] HSIA, EDWARD C., US
[71] ALLERGAN, INC., US
[85] 2019-11-28
[86] 2018-05-30 (PCT/US2018/035025)
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[30] US (62/512,792) 2017-05-31

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[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/00 (2006.01) A61B 5/04 (2006.01) A61B 5/0492 (2006.01) A61N 1/04 (2006.01) A61N 1/05 (2006.01)**
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[54] **TRANSMEMBRANE SENSOR TO EVALUATE NEUROMUSCULAR FUNCTION**
[54] **CAPTEUR TRANSMEMBRANAIRE POUR EVALUER UNE FONCTION NEUROMUSCULAIRE**
[72] MANSFIELD, PERRY T., US
[72] STUDER, CHRISTOPHER D., US
[72] KOESKE, TIMOTHY J., US
[71] POWELL MANSFIELD, INC., US
[85] 2019-11-28
[86] 2018-06-05 (PCT/US2018/036151)
[87] (WO2018/226759)
[30] US (62/515,364) 2017-06-05

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[13] A1
[51] **Int.Cl. A61B 5/1473 (2006.01) A61M 5/172 (2006.01) G01N 27/327 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTION OF BIOAVAILABLE DRUG CONCENTRATION IN A FLUID SAMPLE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE CONCENTRATION DE MEDICAMENT BIODISPONIBLE DANS UN ECHANTILLON DE FLUIDE**
[72] CHAUM, EDWARD, US
[72] LINDNER, ERNO, US
[72] GUO, JIDONG, CN
[71] THE UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[71] THE UNIVERSITY OF MEMPHIS RESEARCH FOUNDATION, US
[85] 2019-11-28
[86] 2018-05-31 (PCT/US2018/035313)
[87] (WO2018/222820)
[30] US (15/611,089) 2017-06-01
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[25] EN
[54] **INTELLIGENT LIGHTING MODULE FOR A LIGHTING FIXTURE**
[54] **MODULE D'ECLAIRAGE INTELLIGENT POUR UN APPAREIL D'ECLAIRAGE**
[72] LISZT, KORY, US
[72] WALKER, DONALD, US
[71] IDEAL INDUSTRIES LIGHTING LLC, US
[85] 2019-11-28
[86] 2018-06-12 (PCT/US2018/037048)
[87] (WO2018/231788)
[30] US (15/621,695) 2017-06-13
[30] US (15/849,986) 2017-12-21

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[51] **Int.Cl. G02B 13/18 (2006.01) G02B 3/02 (2006.01) G02B 9/10 (2006.01) G02B 13/04 (2006.01) G02B 13/06 (2006.01)**
[25] EN
[54] **WIDE ANGLE LENS AND CAMERA SYSTEM FOR PERIPHERAL FIELD OF VIEW IMAGING**
[54] **OBJECTIF GRAND ANGLE ET SYSTEME D'APPAREIL DE PRISE DE VUES POUR L'IMAGERIE DE CHAMP DE VISION PERIPHERIQUE**
[72] MAKEEV, MAKSIM, US
[72] SCHNITTMAN, MARK S., US
[72] MIAO, XIAOYU, US
[72] LEE, MING-LIN, TW
[72] CHOU, CHIEN-HUNG, TW
[72] LAI, CHENG-YI, TW
[71] OWL LABS, INC., US
[85] 2019-11-28
[86] 2018-05-31 (PCT/US2018/035328)
[87] (WO2018/222827)
[30] US (62/514,080) 2017-06-02

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHODS FOR MODIFYING RNA SPLICING**
[54] **PROCEDES DE MODIFICATION DE L'EPISSAGE DE L'ARN**
[72] BHATTACHARYYA, ANURADHA, US
[72] DAKKA, AMAL, US
[72] EFFENBERGER, KERSTIN, US
[72] GABBETA, VIJAYALAKSHMI, US
[72] JANI, MINAKSHI B., US
[72] LI, WENCHENG, US
[72] NARYSHKIN, NIKOLAI, US
[72] TROTTA, CHRISTOPHER, US
[72] WIEDINGER, KARI, US
[71] PTC THERAPEUTICS, INC., US
[85] 2019-11-28
[86] 2018-06-13 (PCT/US2018/037412)
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[30] US (62/519,226) 2017-06-14

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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 48/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING THE IMMUNOGENICITY OF CHIMERIC NOTCH RECEPTORS**
[54] **METHODES ET COMPOSITIONS PERMETTANT DE REDUIRE L'IMMUNOGENICITE DE RECEPTEURS NOTCH CHIMERIQUES**
[72] GILBERT, AMY, US
[72] SLEPUSHKIN, VLADIMIR, US
[72] EMTAGE, PETER, US
[72] LEVSKAYA, ANSELM, US
[72] SCOTT, SPENCER, US
[71] CELL DESIGN LABS, INC., US
[85] 2019-11-28
[86] 2018-06-19 (PCT/US2018/038218)
[87] (WO2018/236825)
[30] US (62/603,993) 2017-06-19
[30] US (62/556,765) 2017-09-11

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[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/12 (2009.01) H04W 72/14 (2009.01) H04W 74/04 (2009.01) H04W 28/02 (2009.01) H04W 52/14 (2009.01) H04W 76/28 (2018.01)**
[25] EN
[54] **GRANT FREE CONFIGURATION**
[54] **CONFIGURATION SANS AUTORISATION**
[72] JEON, HYOUNGSUK, US
[72] DINAN, ESMAEL, US
[72] PARK, KYUNGMIN, US
[72] BABAEI, ALIREZA, US
[71] OFINNO, LLC, US
[85] 2019-11-28
[86] 2018-06-15 (PCT/US2018/037880)
[87] (WO2018/232321)
[30] US (62/520,423) 2017-06-15
[30] US (62/520,379) 2017-06-15
[30] US (62/520,431) 2017-06-15
[30] US (62/520,415) 2017-06-15
[30] US (62/520,403) 2017-06-15
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[51] **Int.Cl. C09D 163/00 (2006.01)**
[25] EN
[54] **WATERBORNE EPOXY COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT EPOXYDIQUE A L'EAU**
[72] YANG, WEIJUN, CN
[72] LI, HU, CN
[72] CUI, LONGLAN, CN
[72] JIANG, SIYUAN, CN
[72] WANG, TAO, CN
[72] CAI, YU, CN
[72] TANG, JIA, CN
[72] VAN DYK, ANTONY KEITH, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2019-11-29
[86] 2017-06-02 (PCT/CN2017/086906)
[87] (WO2018/218631)

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[13] A1
[51] **Int.Cl. A61K 38/08 (2019.01) A61K 38/17 (2006.01) A61K 39/385 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **HYDROCHLORIDE SALTS OF C5A RECEPTOR AGONIST PEPTIDES**
[54] **SELS DE CHLORHYDRATE DE PEPTIDES AGONISTES DE RECEPTEUR C5A**
[72] SANDERSON, SAM D. (DECEASED), US
[72] MORGAN, EDWARD LEROY (DECEASED), US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[71] SAN DIEGO STATE UNIVERSITY RESEARCH FOUNDATION, US
[85] 2019-11-28
[86] 2018-06-12 (PCT/US2018/037119)
[87] (WO2018/231838)
[30] US (62/518,335) 2017-06-12

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[25] EN
[54] **IL17A ANTIBODIES AND ANTAGONISTS FOR VETERINARY USE**
[54] **ANTICORPS ET ANTAGONISTES D'IL17A A USAGE VETERINAIRE**
[72] LI, SHYR JIANN, US
[72] NGUYEN, LAM, US
[72] YANG, LAN, US
[72] ZHAN, HANGJUN, US
[71] KINDRED BIOSCIENCES, INC., US
[85] 2019-11-28
[86] 2018-06-18 (PCT/US2018/038033)
[87] (WO2018/236728)
[30] US (62/521,514) 2017-06-18

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[13] A1
[51] **Int.Cl. B65D 81/38 (2006.01)**
[25] EN
[54] **INSULATING DEVICE**
[54] **DISPOSITIF D'ISOLATION**
[72] SONNTAG, JAMES WILLIAM, US
[72] BARBIERI, SCOTT, US
[71] YETI COOLERS, LLC, US
[85] 2019-11-28
[86] 2018-06-08 (PCT/US2018/036608)
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[30] US (62/517,490) 2017-06-09

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[13] A1
[51] **Int.Cl. A61K 31/567 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING NEUROEPITHELIAL TUMORS USING SELECTIVE GLUCOCORTICOID RECEPTOR MODULATORS**
[54] **METHODES DE TRAITEMENT DES TUMEURS NEURO-EPITHELIALES A L'AIDE DE MODULATEURS SELECTIFS DU RECEPTEUR DE GLUCOCORTICOIDES**
[72] MORAITIS, ANDREAS G., US
[71] CORCEPT THERAPEUTICS, INC., US
[85] 2019-11-28
[86] 2018-06-18 (PCT/US2018/038075)
[87] (WO2018/236749)
[30] US (62/522,489) 2017-06-20

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[51] **Int.Cl. C11D 3/00 (2006.01)**
[25] EN
[54] **NON-HOMOGENEOUS COMPOSITIONS**
[54] **COMPOSITIONS NON HOMOGENES**
[72] CAPECI, SCOTT WILLIAM, US
[72] GU, CHONG, CN
[72] CACCIATORE, JUSTIN THOMAS, US
[72] VARGAS, SEBASTIAN, US
[72] CHEN, HONGLING, CN
[72] HUANG, XU, CN
[72] ZHANG, QI, CN
[72] ZHU, HANJIANG, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-11-29
[86] 2017-06-09 (PCT/CN2017/087707)
[87] (WO2018/223368)
[30] CN (PCT/CN2017/087537) 2017-06-08
[30] CN (PCT/CN2017/087538) 2017-06-08
[30] CN (PCT/CN2017/087539) 2017-06-08
[30] US (62/516,965) 2017-06-08
[30] US (62/516,969) 2017-06-08
[30] US (62/516,976) 2017-06-08

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[51] **Int.Cl. G06Q 50/32 (2012.01) G06F 21/44 (2013.01) G07C 9/00 (2006.01)**
[25] EN
[54] **MOBILE DEVICE FOR SAFE, SECURE, AND ACCURATE DELIVERY OF ITEMS**
[54] **DISPOSITIF MOBILE DESTINE A UNE LIVRAISON D'ARTICLES SURE, SECURISEE ET PRECISE**
[72] MCLELLAN, CHARLES P., US
[72] YESSIN, GABRIEL MICHAEL, US
[72] TARTAL, WILLIAM, ALBERT, US
[71] UNITED STATES POSTAL SERVICE, US
[85] 2019-11-28
[86] 2018-06-12 (PCT/US2018/037159)
[87] (WO2018/231870)
[30] US (62/518,943) 2017-06-13
[30] US (62/568,098) 2017-10-04

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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/145 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **TIME DELAY MECHANISM FOR A HYDRAULIC DRUG DELIVERY DEVICE**
[54] **MECANISME DE TEMPORISATION POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT HYDRAULIQUE**
[72] GREGORY, CHRISTOPHER, US
[72] JENKINS, GEOFFREY, US
[71] VALERITAS, INC., US
[85] 2019-11-28
[86] 2018-06-20 (PCT/US2018/038518)
[87] (WO2018/237016)
[30] US (62/522,649) 2017-06-20

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[51] **Int.Cl. A61K 31/47 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LIQUID DOSAGE FORMS TO TREAT CANCER**
[54] **FORMES GALENIQUES LIQUIDES DESTINEES A TRAITER LE CANCER**
[72] SHAH, KHALID, US
[72] SCHWAB, GISELA, US
[72] LACY, STEVEN, US
[71] EXELIXIS, INC., US
[85] 2019-11-28
[86] 2018-06-08 (PCT/US2018/036703)
[87] (WO2018/227119)
[30] US (62/520,768) 2017-06-16
[30] US (62/517,736) 2017-06-09

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[13] A1
[51] **Int.Cl. H04B 1/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR CARRIER SHARING BETWEEN RADIO ACCESS TECHNOLOGIES**
[54] **TECHNIQUES DE PARTAGE DE PORTEUSE ENTRE TECHNOLOGIES D'ACCES RADIO**
[72] GAAL, PETER, US
[72] HUANG, YI, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-11-28
[86] 2018-06-20 (PCT/US2018/038583)
[87] (WO2018/237065)
[30] US (62/523,248) 2017-06-21
[30] US (16/012,717) 2018-06-19

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[51] **Int.Cl. G01N 27/447 (2006.01)**
[25] EN
[54] **IMAGE CAPILLARY ISOELECTRIC FOCUSING TO ANALYZE PROTEIN VARIANTS IN A SAMPLE MATRIX**
[54] **FOCALISATION ISOELECTRIQUE CAPILLAIRE D'IMAGE POUR ANALYSE DE VARIANTS PROTEIQUES DANS UNE MATRICE DE PRELEVEMENT**
[72] RAMBHADRAN, ANU, US
[72] CUI, PENG, US
[72] RYAN, CLARE, US
[72] BIGWARFE, PAUL, US
[72] LASTRO, MICHELE, US
[72] MA, JUNYU, US
[72] LU, KUN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2019-11-28
[86] 2018-08-17 (PCT/US2018/046893)
[87] (WO2019/036604)
[30] US (62/547,602) 2017-08-18

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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/05 (2006.01) A61K 36/04 (2006.01) A61P 25/20 (2006.01)**
[25] EN
[54] **SLEEP DISORDER COMPOSITIONS AND TREATMENTS THEREOF**
[54] **COMPOSITION CONTRE L'APNEE DU SOMMEIL ET TRAITEMENTS ASSOCIES**
[72] GORDON, MARA, US
[72] SMITH, STEWART, US
[72] WASHER, STEWART, AU
[72] WASHER, PATRIZIA, AU
[72] KARELIS, HARRY, AU
[71] ZELDA THERAPEUTICS OPERATIONS PTY LTD, AU
[85] 2019-11-29
[86] 2018-06-19 (PCT/AU2018/050604)
[87] (WO2018/232448)
[30] AU (2017902338) 2017-06-19
[30] AU (2017904818) 2017-11-29

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[13] A1
[51] **Int.Cl. B01J 31/02 (2006.01) C08J 3/24 (2006.01) C09D 167/02 (2006.01)**
[25] EN
[54] **COATING SYSTEM**
[54] **SYSTEME DE REVETEMENT**
[72] GUPTA, RAJNI, US
[72] IJDO, WOUTER, US
[72] CHEN, YANHUI, US
[72] DESHMUKH, PRASHANT, US
[72] HECK, JAMES A., US
[72] HOYTE, WAYNE, US
[72] GRAY, MAURICE, US
[71] ELEMENTIS SPECIALTIES, INC., US
[85] 2019-11-28
[86] 2018-06-13 (PCT/US2018/037241)
[87] (WO2018/231922)
[30] US (62/518,791) 2017-06-13

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[13] A1
[51] **Int.Cl. A61J 3/02 (2006.01) A61J 3/00 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **CAPSULE SHREDDING DEVICE**
[54] **DISPOSITIF DE DECHIQUETAGE DE CAPSULES**
[72] MACK, LYNN, CA
[72] LOOI, THOMAS, CA
[72] ROY, RENU, CA
[72] CHEONG, MELINA, CA
[72] PALMER, MARCIA, CA
[72] HARTMAN, MICHAEL, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2019-11-29
[86] 2018-06-01 (PCT/CA2018/050653)
[87] (WO2018/218369)
[30] US (62/514,259) 2017-06-02

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[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) E03C 1/05 (2006.01)**
[25] EN
[54] **ELECTRONIC FAUCET WITH SMART FEATURES**
[54] **ROBINET ELECTRONIQUE A CARACTERISTIQUES INTELLIGENTES**
[72] TRACY, ADAM, US
[72] BECK, CHASEN, US
[72] BENSTEAD, EVAN, US
[72] BLIZZARD, STEPHEN, US
[72] GORKOVENKO, ELENA, US
[72] LOVETT, MATT, US
[71] SPECTRUM BRANDS, INC., US
[85] 2019-11-28
[86] 2018-06-13 (PCT/US2018/037326)
[87] (WO2018/231977)
[30] US (62/518,652) 2017-06-13
[30] US (62/529,561) 2017-07-07

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[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING RESPONDERS AND NON-RESPONDERS TO IMMUNE CHECKPOINT BLOCKADE THERAPY**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE REPONDEURS ET DE NON-REPONDEURS A UNE THERAPIE DE BLOCAGE DE POINTS DE CONTROLE IMMUNITAIRES**
[72] FRENKEL, FELIKS, RU
[72] KOTLOV, NIKITA, RU
[72] BAGAEV, ALEXANDER, RU
[72] ARTOMOV, MAKSYM, US
[72] ATAULLAKHANOV, RAVSHAN, RU
[71] BOSTONGENE CORPORATION, US
[85] 2019-11-28
[86] 2018-06-12 (PCT/US2018/037018)
[87] (WO2018/231772)
[30] US (62/518,787) 2017-06-13
[30] US (62/598,440) 2017-12-13

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[51] **Int.Cl. C25B 1/00 (2006.01) C01B 32/40 (2017.01) B01D 53/02 (2006.01) B01D 53/22 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING A GAS PRODUCT CONTAINING CARBON MONOXIDE**
[54] **PROCEDE ET INSTALLATION POUR LA PREPARATION D'UN PRODUIT GAZEUX CONTENANT DU MONOXYDE DE CARBONE**
[72] LEITMAYR, WERNER, DE
[72] DELHOMME-NEUDECKER, CLARA, DE
[72] PESCHEL, ANDREAS, DE
[72] HENTSCHEL, BENJAMIN, DE
[72] FRANZ, ANETTE, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2019-11-29
[86] 2018-05-30 (PCT/EP2018/000278)
[87] (WO2018/228716)
[30] DE (10 2017 005 680.3) 2017-06-14

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[13] A1
[51] **Int.Cl. G07B 15/02 (2011.01) A61B 5/0484 (2006.01) A61B 5/16 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSIT ACCESS USING EEG SENSORS**
[54] **SYSTEME ET PROCEDE POUR ACCES EN TRANSIT A L'AIDE DE CAPTEURS D'EEG**
[72] DYNE, MARK, GB
[71] CUBIC CORPORATION, US
[85] 2019-11-28
[86] 2018-06-28 (PCT/US2018/039970)
[87] (WO2019/006103)
[30] US (62/526,153) 2017-06-28
[30] US (16/019,242) 2018-06-26

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[13] A1
[51] **Int.Cl. H04W 24/08 (2009.01)**
[25] EN
[54] **RESOURCE CONFIGURATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE**
[54] **PROCEDE DE CONFIGURATION DE RESSOURCE, DISPOSITIF TERMINAL ET DISPOSITIF RESEAU**
[72] LIU, JIANHUA, CN
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-29
[86] 2017-09-25 (PCT/CN2017/103215)
[87] (WO2019/056383)

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **IDENTIFICATION AND USE OF CYTOTOXIC T LYMPHOCYTE (CTL) ANTIGEN-SPECIFIC TARGET CELL KILLING ENHANCER AGENTS**
[54] **IDENTIFICATION ET UTILISATION D'AGENTS AMELIORANT LA DESTRUCTION DE CELLULES CIBLES SPECIFIQUES A UN ANTIGENE DE LYMPHOCYTE T CYTOTOXIQUE (CTL)**
[72] LIZOTTE, PATRICK H., US
[72] KIRSCHMEIER, PAUL T., US
[72] BITTINGER, MARK, US
[72] GRAY, NATHANAEL, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2019-11-28
[86] 2018-07-09 (PCT/US2018/041266)
[87] (WO2019/014111)
[30] US (62/530,648) 2017-07-10
[30] US (62/582,678) 2017-11-07

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[13] A1
[51] **Int.Cl. A61B 8/08 (2006.01) G01N 29/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACQUIRING MOTION INFORMATION**
[54] **PROCEDE ET DISPOSITIF D'ACQUISITION D'INFORMATIONS DE MOUVEMENT**
[72] HE, QIONG, CN
[72] SHAO, JINHUA, CN
[72] SUN, JIN, CN
[72] DUAN, HOULI, CN
[72] WANG, QIANG, CN
[71] WUXI HISKY MEDICAL TECHNOLOGIES CO., LTD., CN
[85] 2019-11-29
[86] 2018-05-25 (PCT/CN2018/088406)
[87] (WO2019/015398)
[30] CN (201710649554.8) 2017-07-21

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[13] A1
[51] **Int.Cl. E21B 43/04 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **INFLOW CONTROL DEVICE BYPASS AND BYPASS ISOLATION SYSTEM FOR GRAVEL PACKING WITH SHUNTED SAND CONTROL SCREENS**
[54] **DERIVATION DE DISPOSITIF DE COMMANDE D'ECOULEMENT ENTRANT ET SYSTEME D'ISOLATION DE DERIVATION POUR GRAVILLONNAGE DES CREPINES AVEC TAMIS DE CONTROLE DE SABLE EN DERIVATION**
[72] WARREN, CALEB THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-11-28
[86] 2018-07-31 (PCT/US2018/044526)
[87] (WO2019/032334)
[30] US (62/542,628) 2017-08-08

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[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **ASSESSMENT OF CRISPR/CAS-INDUCED RECOMBINATION WITH AN EXOGENOUS DONOR NUCLEIC ACID IN VIVO**
[54] **EVALUATION DE LA RECOMBINAISON INDUITE PAR CRISPR/CAS AVEC UN ACIDE NUCLEIQUE DONNEUR EXOGENE IN VIVO**
[72] GONG, GUOCHUN, US
[72] HUNT, CHARLEEN, US
[72] HARTFORD, SUZANNE, US
[72] ROJAS, JOSE, US
[72] FRENDEWEY, DAVID, US
[72] ZAMBROWICZ, BRIAN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2019-11-28
[86] 2018-07-31 (PCT/US2018/044612)
[87] (WO2019/028029)
[30] US (62/539,285) 2017-07-31

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[13] A1
[51] **Int.Cl. C25B 1/00 (2006.01) C01B 32/40 (2017.01) B01D 53/02 (2006.01) B01D 53/22 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING A GAS PRODUCT CONTAINING CARBON MONOXIDE**
[54] **PROCEDE ET INSTALLATION POUR LA PREPARATION D'UN PRODUIT GAZEUX CONTENANT DU MONOXYDE DE CARBONE**
[72] PESCHEL, ANDREAS, DE
[72] HENTSCHEL, BENJAMIN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2019-11-29
[86] 2018-05-30 (PCT/EP2018/000280)
[87] (WO2018/228718)
[30] DE (10 2017 005 681.1) 2017-06-14

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[13] A1
[51] **Int.Cl. E21B 43/38 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **CROSSOVER SYSTEM AND APPARATUS FOR AN ELECTRIC SUBMERSIBLE GAS SEPARATOR**
[54] **SYSTEME ET APPAREIL DE PONT POUR UN SEPARATEUR DE GAZ SUBMERSIBLE ELECTRIQUE**
[72] BROWN, DONN J., US
[72] GOTTSCHALK, THOMAS JOHN, US
[72] DINKINS, WALTER RUSSELL, US
[72] BUCKALLEW, JIMMIE ALLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-11-28
[86] 2018-08-08 (PCT/US2018/045810)
[87] (WO2019/045979)
[30] US (62/551,850) 2017-08-30

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[13] A1
[51] **Int.Cl. B60L 15/42 (2006.01) B60D 1/62 (2006.01) B60K 1/00 (2006.01) B60K 7/00 (2006.01) B60L 7/10 (2006.01) B62D 53/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR AN ACTIVE CONVERTOR DOLLY**
[54] **PROCEDES ET APPAREIL POUR UN CHARIOT A TRANSFORMATEUR ACTIF**
[72] LAYFIELD, BRIAN, CA
[72] KHAJEPOUR, AMIR, CA
[72] FAN, BRIAN, CA
[72] LOEWEN, JOHN, CA
[71] ISABREM LTD., CA
[85] 2019-11-29
[86] 2018-05-30 (PCT/CA2018/050633)
[87] (WO2018/218351)
[30] US (15/608,098) 2017-05-30

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[13] A1
[51] **Int.Cl. H02N 11/00 (2006.01) B67D 7/06 (2010.01) E03C 1/05 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **FLUID DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE**
[72] GUPTA, BHUSAN, CA
[72] FARZANEH, HAMID, CA
[72] PEZESHKI, FARHAD, CA
[72] MOHMEDI, SAEID, CA
[71] M.I.S. ELECTRONICS INC., CA
[85] 2019-11-29
[86] 2018-06-01 (PCT/CA2018/050659)
[87] (WO2018/218372)
[30] US (62/513,638) 2017-06-01
[30] US (62/513,658) 2017-06-01

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) G03B 5/00 (2006.01) G03B 17/55 (2006.01)**
[25] EN
[54] **ELECTRONICS DEVICE THAT DISSIPATES INTERNAL DEVICE HEAT VIA HEAT SINK HAVING EXPOSED SURFACE**
[54] **DISPOSITIF ELECTRONIQUE QUI DISSIPE LA CHALEUR D'UN DISPOSITIF INTERNE PAR L'INTERMEDIAIRE D'UN DISSIPATEUR THERMIQUE AYANT UNE SURFACE EXPOSEE**
[72] HOLBROOK, THOMAS W., CA
[72] JANSSEN, COLIN PAUL, CA
[72] CHAN, WINSON, CA
[71] AVIGILON CORPORATION, CA
[85] 2019-11-29
[86] 2018-06-01 (PCT/CA2018/050660)
[87] (WO2018/223224)
[30] US (62/515,330) 2017-06-05

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[13] A1
[51] **Int.Cl. C02F 1/52 (2006.01) B01J 20/22 (2006.01) C02F 1/26 (2006.01) C02F 1/28 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **SEQUESTERING AGENTS, KITS THEREFOR, AND METHODS OF USING SEQUESTERING AGENTS AND KITS THEREFOR**
[54] **SEQUESTRANTS, KITS ASSOCIES, ET PROCEDES D'UTILISATION DE SEQUESTRANTS ET DE KITS ASSOCIES**
[72] CARLSON, MICHAEL, CA
[72] DUONG, FRANCK, CA
[71] CARBONET NANOTECHNOLOGIES INC., CA
[85] 2019-11-29
[86] 2018-06-01 (PCT/CA2018/050664)
[87] (WO2018/218374)
[30] US (62/514,208) 2017-06-02

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[13] A1
[51] **Int.Cl. G03B 15/02 (2006.01) G03B 17/02 (2006.01) G03B 17/55 (2006.01) G08B 13/196 (2006.01)**
[25] EN
[54] **SPHERICAL CAMERA**
[54] **CAMERA SPHERIQUE**
[72] BINGLEMAN, LUKE WILLIAM, CA
[72] HOLBROOK, THOMAS W., CA
[72] JANSSEN, COLIN PAUL, CA
[72] LEE, HSIN CHIN, CA
[72] LITTLE, ERIC, CA
[72] MOHAN, SUDEEP, CA
[72] TAYLOR, NIGEL GEOFFREY, CA
[71] AVIGILON CORPORATION, CA
[85] 2019-11-29
[86] 2018-06-05 (PCT/CA2018/050674)
[87] (WO2018/223230)
[30] US (62/515,438) 2017-06-05
[30] US (62/515,460) 2017-06-05

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[13] A1
[51] **Int.Cl. A61F 7/00 (2006.01) A61F 7/02 (2006.01) A61F 7/10 (2006.01) A61F 7/12 (2006.01)**
[25] EN
[54] **CRYOTHERAPIES**
[54] **CRYOTHERAPIES**
[72] VELIS, CHRISTOPHER J.P., US
[72] MILLER, KAREN, US
[72] CHAUDHRY, TARIK S., US
[72] ARIAS, SUSAN, US
[71] MIRAKI INNOVATION THINK TANK LLC, US
[85] 2019-08-30
[86] 2018-03-01 (PCT/US2018/020387)
[87] (WO2018/160797)
[30] US (62/465,336) 2017-03-01

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[13] A1
[51] **Int.Cl. E04B 2/82 (2006.01) E04B 1/58 (2006.01) E04B 2/76 (2006.01)**
[25] EN
[54] **CONNECTING ELEMENT FOR A NON-BEARING WALL STRUCTURE TO ALLOW A SLIDING COMPENSATION MOVEMENT**
[54] **ELEMENT DE RACCORDEMENT POUR UNE STRUCTURE DE PAROI NON PORTEUSE DESTINE A PERMETTRE UN MOUVEMENT DE COMPENSATION COULISSANT**
[72] SIMONIC, BORIS, HR
[71] KNAUF GIPS KG, DE
[85] 2019-11-29
[86] 2017-06-01 (PCT/EP2017/000639)
[87] (WO2018/219419)

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[13] A1
[51] **Int.Cl. H04W 52/14 (2009.01) H04W 52/08 (2009.01)**
[25] EN
[54] **UPLINK POWER CONTROL METHOD, TERMINAL DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE DE COMMANDE DE PUISSANCE EN LIAISON MONTANTE, DISPOSITIF TERMINAL ET DISPOSITIF DE RESEAU**
[72] CHEN, WENHONG, CN
[72] SHI, ZHIHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-11-29
[86] 2018-04-13 (PCT/CN2018/083092)
[87] (WO2019/196114)

[21] **3,065,622**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/404 (2006.01) A61P 25/00 (2006.01) C07D 403/06 (2006.01) C07D 405/14 (2006.01)**
[25] FR
[54] **NMDA RECEPTOR MODULATORS, COMPOSITIONS COMPRISING SAME AND USE OF THESE COMPOUNDS IN THE TREATMENT OF DISEASES INVOLVING THE CENTRAL NERVOUS SYSTEM**
[54] **MODULATEURS DE RECEPTEURS NMDA, COMPOSITIONS LES COMPRENANT ET UTILISATION DE CES COMPOSES DANS LE TRAITEMENT DE MALADIES IMPLIQUANT LE SYSTEME NERVEUX CENTRAL**
[72] ALAMI, MOUAD, FR
[72] BRION, JEAN-DANIEL, FR
[72] MESSAOUDI, SAMIR, FR
[72] TOUCHET, SABRINA, FR
[72] GALVANI, GILLES, FR
[72] DULAC, OLIVIER, FR
[72] GATAULLINA, SVETLANA, FR
[72] NOUS, CAROLINE, FR
[71] ADPUERIVITAM, FR
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[72] KETTLER, JOHN, DE
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[71] AACHEN INSTITUTE FOR NUCLEAR TRAINING GMBH, DE
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[72] CONTIN-BORDES, CECILE, FR
[72] DELMAS, YAHSOU, FR
[72] BLANCO, PATRICK, FR
[72] DELNESTE, YVES, FR
[72] JEANNIN, PASCALE, FR
[72] BEAUVILLAIN, CELINE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[71] INSERM - INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
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[72] CASSANAS, MARC, ES
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[71] ZODIAC MILPRO INTERNATIONAL, FR
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[54] **RACCORD DE TUYAU FLEXIBLE APPROPRIE POUR EFFECTUER LA COMMANDE ET LA CIRCULATION FORCEE DE FLUIDES ANTICORROSIFS A TRAVERS L'ESPACE ANNULAIRE DU TUYAU FLEXIBLE**
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[72] CAMEIRO CAMPELLO, GOERGE, BR
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[54] **SYSTEME DE SECURITE ET DISPOSITIF D'ADMINISTRATION MEDICALE**
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[54] **PROCEDE DE PRODUCTION D'UN DOMAINE TECHNIQUE DE MATERIAU DE NANOCELLULOSE**
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[54] **PROCEDE D'ELIMINATION DE COMPOSANTS VOLATILS D'UN POLYMERE D'OLEFINE ET ARTICLE OBTENU**
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[72] AL-HAJ ALI, MOHAMMAD, FI
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