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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

Table of Contents
Table des matières

Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

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

On this page:

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

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Date de modification : 17 juin 2019

Sur cette page :

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.

Notices

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.

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

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

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

In case of unforeseen circumstances, CIPO will attempt to 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

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 November 26, 2019 contains applications open to public inspection from November 10, 2019 to November 16, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 26 novembre 2019 contient les demandes disponibles au public pour consultation pour la période du 10 novembre 2019 au 16 novembre 2019.

Canadian Patents Issued

November 26, 2019

Brevets canadiens délivrés

26 novembre 2019

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[54] **COMPOSITIONS ET METHODES POUR L'INHIBITION DE LA FORMATION ET DE LA SIGNALISATION DU COMPLEXE CRIPTO/GRP78**
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[72] ZHOU, LUMING, US
[72] GUNDRY, CAMERON N., US
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[54] **ISOMERISATION DU 1-CHLORO-3,3,3-TRIFLUOROPROPENE**
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[72] SINGH, RAJIV R., US
[72] POKROVSKI, KONSTANTIN, US
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[54] **L'UTILISATION DE COMPOSITIONS RENFERMANT UN ACIDE CARNOSIQUE ET AU MOINS DEUX CAROTENOIDES POUR LE TRAITEMENT DE L'INFLAMMATION**
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[54] **METHODE ET APPAREIL POUR LA FABRICATION DE TUBES COMPOSITES RENFORCES DE FIBRE**
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[72] NEGLEY, MARK A., US
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[72] MITTLEIDER, JOHN A., US
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[54] **PEPTIDES SYNTHETIQUES MIMETIQUES DE FIBRONECTINE ET SURFACES MODIFIEES AVEC CEUX-CI**
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[73] CORNING INCORPORATED,
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[54] **APPAREIL ET PROCEDE DE RECOMPRESSION ACCELEREE DE LA VAPEUR A GRADIENT COMMANDE**
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[72] RICHARDSON, NEIL W., US
[72] BELL, DAVID A., US
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[54] **COMPOSES, COMPOSITIONS ET METHODES DE PROTECTION DE LA SANTE DU CERVEAU EN CAS DE TROUBLES NEURODEGENERATIFS**
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[72] TRUCE, RODNEY J., AU
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[54] **IMMUNOGENES ANTI-VRS ET PROCEDES D'IMMUNISATION**
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[54] **THERAPIE PAR ANTI-CD47 SYNERGIQUE POUR LES CANCERS HEMATOLOGIQUES**
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[72] MAJETI, RAVINDRA, US
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[54] **PARTICULES DE TYPE VIRUS COMPRENANT DES PROTEINES CIBLE FUSIONNEES A DES PROTEINES D'ENVELOPPE VIRALES VEGETALES**
[72] YUSIBOV, VIDADI, US
[72] FARRANCE, CHRISTINE E., US
[72] MUSIYCHUK, KONSTANTIN A., US
[72] METT, VADIM, US
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[54] **TRAITEMENT DES ALLERGIES A L'AIDE D'EXTRAIT AQUEUX DE PROTEINE DE PETIT LAIT TRAITE A L'ACIDE**
[72] PENTTILA, IRMELI AULI, AU
[72] MITCHELL, IAN ROBERT, AU
[73] DAIRY AUSTRALIA LIMITED,
[73] WOMEN'S AND CHILDREN'S HEALTH RESEARCH INSTITUTE,
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[54] **TRAITEMENT DE L'INCONTINENCE URINAIRE D'EFFORT DE LA FEMME**
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[73] REMENDIUM LABS LLC,
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[72] DHALIA, RAFAEL, BR
[72] MACIEL FILHO, ROMULO, BR
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[54] **REACTEUR TUBULAIRE POUR LE TRAITEMENT THERMIQUE DE LA BIOMASSE**
[72] TRATTNER, KLAUS, AT
[72] PAULI, HEINRICH, AT
[72] PLIENEGGER, WOLFGANG, AT
[72] JANISCH, WOLFGANG, AT
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[54] **TRANSDUCTEUR ELECTRODYNAMIQUE A DOME ET SUSPENSION FLOTTANTE**
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[72] FU, YUCHENG, CA
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[72] KHAN, DAUD, CA
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[54] **METHODE DE RECONSTRUCTION 3D D'UN OBJET DANS UNE SCENE**
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[72] BERECHET, STEFAN, FR
[73] THALES,
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[72] SUN, YIWEN, CN
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[72] BROWN, ERIC L., US
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[54] **STRUCTURE DE TRANSDUCTEUR POUR UNE SONDE DE TRANSDUCTEUR ET SES METHODES DE FABRICATION**
[72] KROHN, MATTHEW HARVEY, US
[72] SINGH, PRABHJOT, US
[72] MEYER, PAUL ALOYSIUS, US
[72] LUO, WEI, US
[73] GENERAL ELECTRIC COMPANY,
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[72] ELFSTROEM, JUKKA, FI
[72] UUSITALO, KARI, FI
[73] MOVENTAS GEARS OY,
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[73] PROGNOSYS BIOSCIENCES, INC.,
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[54] **STRUCTURE STRATIFIEE AVEC CAVITES ENCASTREES DESTINEE A ETRE UTILISEE AVEC DES CELLULES SOLAIRES ET SON PROCEDE DE FABRICATION**
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[54] **INHIBITEURS DE PETITES MOLECULES DE L'ACTIVITE DE L'ENZYME DE DEUBIQUINATION USP1**
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[72] STEIN, ROSS L., US
[72] GLICKSMAN, MARCIE, US
[72] CASE, APRIL, US
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[72] WILSON, DAVID, US
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[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[73] 1304342 ALBERTA LTD.,
[73] 1304338 ALBERTA LTD.,
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[72] LEVY, DAVID, US
[73] PETROTECHNOLOGIES, INC.,
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[72] MILLAR, MACKENZIE, CA
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[54] **PROCEDE ET SYSTEME POUR DETERMINER LES SIGNATURES DES SOURCES APRES LE RETRAIT DES ONDES PARASITES DES SOURCES**
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[72] PIETROBON, JOHN, CA
[72] PARADIS, VINCENT, CA
[72] MACCAUL, DOUGLAS, CA
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[72] DENIS, DAVID, CA
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[54] **UTILISATION DE MANGANESE POUR RENFORCER LA CROISSANCE DE L. CASEI DANS DES CULTURES MIXTES**
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[54] **APPAREIL A FILET D'ECUMAGE AMELIORE POUR PISCINES**
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[72] SPITZLEY, CHRISTOF, DE
[72] HEUN, GERHARD JOSEF, DE
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[72] FIEVEZ, JONATHAN PIERRE, AU
[72] ALLEN, GREG JOHN, AU
[72] MANN, LAURENCE DREW, AU
[73] CETO IP PTY LTD,
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[72] SANGADALA, SREEDHARA, US
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[54] **PROCEDE POUR LE NETTOYAGE ET LE RETRAIT DES ETIQUETTES DES BOUTEILLES**
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[72] GROSSMANN, SANDRO, DE
[72] HACKENBERGER, TANJA, DE
[73] ECOLAB INC.,
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[54] **APPAREILS ET PROCEDES DE SURVEILLANCE DE CAGES DE CONFINEMENT DE RONGEURS**
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[72] SPIVEY, CORY, US
[72] ROES, MICHAEL A., US
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[72] NELSON, RON, US
[73] GARLAND INDUSTRIES, INC.,
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[72] COUSINS, LISA, CA
[72] JAVAHERY, GHOLAMREZA, CA
[73] PERKINELMER HEALTH SCIENCES CANADA, INC.,
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[72] VERA-CASTANEDA, ERNESTO, US
[73] MECS, INC.,
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[54] **DYSFONCTIONNEMENT DU SNC CONTROLE OPTIQUEMENT**
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[72] FENNO, LIEF, US
[72] DEISSEROTH, KARL, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY,
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[54] **DISPOSITIF DE RETENUE DE PINCE A CHEVEUX**
[72] CAMPBELL, NADINE, CA
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[54] **INJECTEUR DE TUBE SPIRALE AVEC REDUCTEUR DE TENSION**
[72] MCCULLOCH, DAVID W., US
[73] NATIONAL OILWELL VARCO, L.P.,
[86] (2818611)
[87] (2818611)
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[54] **DISPOSABLE AIR/WATER VALVE FOR AN ENDOSCOPE**
[54] **ROBINET AUTOMATIQUE DE DEBIT D'AIR/D'EAU A USAGE UNIQUE POUR UN ENDOSCOPE**
[72] GRUDO, DINA, US
[72] ADAMS, CHRISTOPHER STEVEN, US
[72] BYRNE, DON, US
[73] MEDIVATORS INC.,
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[25] EN
[54] **METHOD OF STARTING-UP A PROCESS OF PRODUCING AN ALKYLENE OXIDE USING A HIGH-EFFICIENCY CATALYST**
[54] **PROCEDE DE DEMARRAGE DE PROCESSUS DE PRODUCTION D'OXYDE D'ALKYLENE AU MOYEN D'UN CATALYSEUR A HAUTE EFFICACITE**
[72] BASRUR, ARUN G., IN
[72] TUPE, RAVINDRA R., IN
[72] SOO, HWAILI, US
[72] HINMAN, PAUL V., US
[73] DOW TECHNOLOGY INVESTMENTS LLC,
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[54] **[((1R,2S,5R)-2-ISOPROPYL-5-METHYL-CYCLOHEXANECARBONYL)-AMINO]-ACETIC ACID ISOPROPYL ESTER AND RELATED COMPOUNDS AND THEIR USE IN THERAPY**
[54] **ESTER ISOPROPYLIQUE D'ACIDE [((1R,2S,5R)-2-ISOSPROPYL-5-METHYL-CYCLOHEXANECARBONYL)AMINO]ACETIQUE, COMPOSES AFFERENTS ET LEUR UTILISATION EN THERAPIE**
[72] WEI, EDWARD TAK, US
[73] AXALBION SA,
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[54] **SYSTEM, APPARATUS AND METHODS FOR SUPPLYING GASES**
[54] **SYSTEME, APPAREIL ET PROCEDES D'APPROVISIONNEMENT EN GAZ**
[72] RAPOPORT, DAVID M., US
[72] KURIGER, DONALD ROY, NZ
[72] ARROWSMITH, MARK JOHN, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED,
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[54] **A PROCESS FOR SINGLE-STEP FORMING AND FILLING OF CONTAINERS**
[54] **PROCEDE POUR FORMER ET REMPLIR DES RECIPIENTS EN UNE SEULE ETAPE**
[72] HARTWIG, KLAUS, FR
[73] DISCMA AG,
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[54] **MEDICATED PARTICULATE ANIMAL FEED SUPPLEMENTS AND METHODS OF PREPARATION**
[54] **SUPPLEMENTS ALIMENTAIRES POUR ANIMAUX PARTICULAIRES MEDICAMENTES ET METHODES DE PREPARATION**
[72] FAHRENHOLZ, CHARLES HOLLETT, US
[72] WILKINSON, IAN JOHN FRANCIS, US
[73] PHIBRO ANIMAL HEALTH CORPORATION,
[86] (2820371)
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[54] **PURIFICATION OF PRECURSOR COMPOUND BY CRYSTALLISATION**
[54] **PURIFICATION DE COMPOSE PRECURSEUR PAR CRISTALLISATION**
[72] NILSEN, ANNE, NO
[72] NILSEN, SONDRE, NO
[73] GE HEALTHCARE LIMITED,
[85] 2013-06-17
[86] 2011-12-19 (PCT/EP2011/073247)
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[54] **POWER CIRCUIT ELECTRICAL CONNECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONNEXION ELECTRIQUE D'UN CIRCUIT DE PUISSANCE**
[72] AHANGAR, ABDOLMEHDI KAVEH, US
[72] KAISHIAN, STEVEN C., US
[72] PHILLIPS, MARK G., US
[73] ROCKWELL AUTOMATION TECHNOLOGIES, INC.,
[86] (2822413)
[87] (2822413)
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[54] **PLANT EXTRACTS FOR THE TREATMENT AND PREVENTION OF INFECTIONS**
[54] **EXTRAITS VEGETAUX POUR LE TRAITEMENT ET LA PREVENTION D'INFECTIONS**
[72] ROZENBLAT, SHARON, IL
[72] JUNG, DAIHYUN, KR
[72] MOH, SANGHYUN, KR
[72] KIM, SUJUNG, KR
[72] LEE, JUNGHUN, KR
[73] KAMEDIS LTD.,
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[54] **SYSTEMS AND METHODS FOR ANALYZING AND SYNTHESIZING COMPLEX KNOWLEDGE REPRESENTATIONS**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER ET SYNTHETISER DES REPRESENTATIONS DE CONNAISSANCES COMPLEXES**
[72] ILYAS, IHAB FRANCIS, CA
[72] OLDFORD, WAYNE, CA
[72] SWEENEY, PETER, CA
[72] ZHOU, WU, CA
[73] PRIMAL FUSION INC.,
[85] 2013-06-28
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[54] **A CONVEYOR WITH ADJUSTABLE LATERAL GUIDES**
[54] **TRANSPORTEUR A GUIDES LATERAUX REGLABLES**
[72] FRANZAROLI, MASSIMO, IT
[73] PULSAR S.R.L.,
[85] 2013-07-02
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[54] **DECK BOARD MOUNTING CLIP**
[54] **ATTACHE DE FIXATION D'ELEMENT DE PLANCHER**
[72] LACHEVROTIERE, STEPHAN, CA
[72] PARENTEAU, FRANCOIS, CA
[72] WEBER, TORY, CA
[72] BOETTGER, BRIAN, CA
[73] SIGMA DEK LTD.,
[86] (2823847)
[87] (2823847)
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[54] **METHOD FOR INTRODUCING CELLULASE ENZYME TO LIGNOCELLULOSIC FEEDSTOCK SLURRY**
[54] **MOYEN D'INTRODUCTION D'UNE ENZYME CELLULASE DANS UNE SUSPENSION DE MATIERE PREMIERE LIGNOCELLULOSIQUE**
[72] HARLICK, PETER J.E., CA
[73] IOGEN ENERGY CORPORATION,
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[54] **LUBRIFICATION DE BOITE DE VITESSES**
[72] NEWBERRY, PAUL TERRENCE, GB
[73] AGUSTAWESTLAND LIMITED,
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[54] **ELECTRODE FOIL, CURRENT COLLECTOR, ELECTRODE, AND ELECTRIC ENERGY STORAGE ELEMENT USING SAME**
[54] **FEUILLE D'ELECTRODE, COLLECTEUR DE COURANT, ELECTRODE ET ELEMENT DE STOCKAGE D'ENERGIE UTILISANT CEUX-CI**
[72] YOSHIMURA, MITSUO, JP
[72] YOSHIOKA, KOJI, JP
[73] JAPAN CAPACITOR INDUSTRIAL CO., LTD.,
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[54] **FLUID BED GRANULATION OF UREA AND RELATED APPARATUS**
[54] **GRANULATION D'UREE EN LIT FLUIDISE ET APPAREIL ASSOCIE**
[72] BEDETTI, GIANFRANCO, IT
[73] CASALE SA,
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[54] **DEVELOPPEMENT DE LOIS DE COMMANDE RAPIDE BASE SUR ORDINATEUR PORTABLE**
[72] AGNIHOTRI, ASHOK K., US
[72] BROOKS, THOMAS W., US
[73] BELL HELICOPTER TEXTRON INC.,
[86] (2831311)
[87] (2831311)
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[54] **ULTRAFILTRATION CONCENTRATION OF ALLOTYPE SELECTED ANTIBODIES FOR SMALL-VOLUME ADMINISTRATION**
[54] **CONCENTRATION D'ULTRAFILTRATION D'ANTICORPS A ALLOTYPE SELECTIONNE POUR UNE ADMINISTRATION DE PETIT VOLUME**
[72] ZENG, LI, US
[72] MITRA, ROHINI, US
[72] ROSSI, EDMUND A., US
[72] HANSEN, HANS J., US
[72] GOLDENBERG, DAVID M., US
[73] IMMUNOMEDICS, INC.,
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[54] **PESTICIDES DERIVED FROM SPIDER VENOM TOXIN**
[54] **PESTICIDES DERIVES D'UNE TOXINE CONTENUE DANS DU VENIN D'ARAIGNEE**
[72] GATEHOUSE, JOHN A., GB
[72] FITCHES, ELAINE C., GB
[73] UNIVERSITY OF DURHAM,
[73] THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS,
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[54] **NEW COMPOSITE IRON-BASED POWDER COMPOSITION, POWDER COMPONENT AND MANUFACTURING METHOD THEREOF**
[54] **NOUVELLE COMPOSITION DE POUDRE A BASE DE FER COMPOSITE, COMPOSANTE DE POUDRE ET METHODE DE FABRICATION ASSOCIEE**
[72] YE, ZHOU, SE
[72] STAFFANSSON, HANNA, SE
[73] HOGANAS AB (PUBL),
[85] 2013-10-01
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[54] **ASSAY DEVICE HAVING RHOMBUS-SHAPED PROJECTIONS**
[54] **DISPOSITIF D'ANALYSE AYANT DES SAILLIES EN FORME DE LOSANGE**
[72] DING, ZHONG, US
[72] BERGMAN, DAVID, SE
[73] ORTHO-CLINICAL DIAGNOSTICS, INC.,
[85] 2013-10-04
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[54] **ROUE A AUBES DE TURBOMACHINE**
[72] CHATENET, LUC HENRI, FR
[72] LE QUELLEC, JOHN, FR
[73] SNECMA,
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[54] **CONTINUOUS SEISMIC ACQUISITION**
[54] **ACQUISITION SISMIQUE CONTINUE**
[72] EICK, PETER M., US
[72] BREWER, JOEL D., US
[72] CHIU, STEPHEN K., US
[73] CONOCOPHILIPS COMPANY,
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[54] **ANTIFUNGAL 5,6-DIHYDRO-4H-PYRROLO[1,2-A][1,4]BENZODIAZEPINES AND 6H-PYRROLO[1,2-A][1,4]BENZODIAZEPINES SUBSTITUTED WITH HETEROCYCLIC DERIVATIVES**
[54] **5,6-DIHYDRO-4H-PYRROLO[1,2-A][1,4]BENZODIAZEPINES ANTIFONGIQUES ET 6H-PYRROLO[1,2-A][1,4]BENZODIAZEPINES SUBSTITUEES PAR DES DERIVES HETEROCYCLIQUES**
[72] MEERPOEL, LIEVEN, BE
[72] MAES, LOUIS JULES ROGER MARIE, BE
[72] DE WIT, KELLY, BE
[72] AUGUSTYNS, KOEN JAN LUDOVICUS, BE
[73] JANSSEN PHARMACEUTICA NV,
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[54] **POLYMERIC MATERIALS**
[54] **MATERIAUX POLYMERES**
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[72] CARMICHAEL, ADRIAN, GB
[72] ADOCHIO, WILLIAM, US
[72] GAUDET, GREGORY, US
[72] RARDON, DANIEL, US
[72] STILL, MARK, US
[73] COLORMATRIX HOLDINGS, INC.,
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[54] **TORREFACTION AMELIOREE PAR INTRODUCTION D'OXYGENE A CONTRE-COURANT**
[72] OLOFSSON, INGEMAR, SE
[72] NORDWAEGER, MARTIN, SE
[72] SANDSTROM, ERIK, SE
[72] POMMER, LINDA, SE
[72] NORDIN, ANDERS, SE
[73] BIOENDEV AB,
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[87] (WO2012/158118)
[30] SE (1150462-8) 2011-05-18
[30] SE (1150463-6) 2011-05-18
[30] SE (1150464-4) 2011-05-18
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[54] **VALVE ANTI-REFLUX MALE**
[72] ROGIER, STEPHEN J., US
[73] HALKEY-ROBERTS CORPORATION,
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[30] US (61/481,240) 2011-05-01
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[54] **METHODS AND MEANS FOR GENERATING MICROBIAL DISEASE RESISTANT PLANTS**
[54] **PROCEDES ET MOYENS POUR LA PRODUCTION DE PLANTES RESISTANTES AUX MALADIES MICROBIENNES**
[72] VAN BREUSEGEM, FRANK, BE
[72] INZE, ANNELIES, BE
[72] MATHYS, JANICK, BE
[72] CAMMUE, BRUNO, BE
[73] VIB VZW,
[73] UNIVERSITEIT GENT,
[73] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D,
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[25] FR
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[54] **SYSTEME DOMESTIQUE DE GESTION D'UNE CONNEXION D'ACCES A INTERNET**
[72] HEINTZ, BRUNO, FR
[72] OURY, JEAN-MARC, FR
[72] LEFEBVRE DE SAINT GERMAIN, HUGUES, FR
[72] BIVAS, PIERRE, FR
[72] BINEAU, MATHIEU, FR
[73] VOLTALIS,
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[86] 2012-05-03 (PCT/FR2012/050979)
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[30] FR (1154572) 2011-05-26

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[51] **Int.Cl. C09K 8/582 (2006.01) C12P 7/10 (2006.01)**
[25] EN
[54] **METHOD FOR MICROBIAL CONTROL OF INJECTION LIQUID FLOW IN A HYDROCARBON RESERVOIR**
[54] **PROCEDE POUR LA LUTTE CONTRE DES MICROBES DANS UN FLUX DE LIQUIDE D'INJECTION DANS UN RESERVOIR D'HYDROCARBURES**
[72] RAVNAS, ASLE, NO
[73] GOE-IP AS,
[85] 2013-11-15
[86] 2012-05-31 (PCT/GB2012/051219)
[87] (WO2012/164285)
[30] NO (20110794) 2011-05-31

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[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **IMPROVED FLOW CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE FLUX AMELIORE**
[72] MARTIN, DAVID GLEN, GB
[72] VAN DORT, ROLAND MARCEL, GB
[73] CALEDYNE LIMITED,
[85] 2013-11-25
[86] 2012-05-24 (PCT/GB2012/051162)
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[25] EN
[54] **A METHOD FOR FILLING BONE CAVITIES WITH CALCIUM**
[54] **PROCEDE DE REMPLISSAGE DE FORMATIONS CREUSES DES OS AVEC DU CALCIUM**
[72] STRUKOV, VILLORIJ IVANOVICH, RU
[72] TRIFONOV, VJACHESLAV NIKOLAEVICH, RU
[72] ELISTRATOVA, JULIJA ANATOL'EVNA, RU
[72] ELISTRATOV, KONSTANTIN GENNAD'EVICH, RU
[72] KURUS', NATAL'JA VJACHESLAVOVNA, RU
[73] OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOST'JU "PARAFARM",
[85] 2013-11-27
[86] 2012-01-31 (PCT/RU2012/000049)
[87] (WO2012/166003)
[30] RU (2011121932) 2011-05-31

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[51] **Int.Cl. A61G 12/00 (2006.01) G16H 40/00 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REMOTELY DETERMINING LEVELS OF HEALTHCARE INTERVENTIONS**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER A DISTANCE DES NIVEAUX D'INTERVENTION EN SOINS DE SANTE**
[72] MOVVA, SATISH, US
[73] CAREPREDICT, INC.,
[86] (2838232)
[87] (2838232)
[22] 2013-12-23
[30] US (13/896,306) 2013-05-16

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[51] **Int.Cl. C08F 10/00 (2006.01) C08F 210/02 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITIONS FOR BLOW MOLDING APPLICATIONS**
[54] **COMPOSITIONS DE POLYMERES POUR APPLICATIONS DE MOULAGE PAR SOUFFLAGE**
[72] YANG, QING, US
[72] MCDANIEL, MAX P., US
[72] BEAULIEU, WILLIAM B., US
[72] YU, YOULU, US
[72] CRAIN, TONY R., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP,
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[86] 2012-06-08 (PCT/US2012/041466)
[87] (WO2012/170762)
[30] US (13/156,102) 2011-06-08

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[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **VACUUM LEVEL CONTROL OF POWER FOR PHACOEMULSIFICATION HAND PIECE**
[54] **COMMANDE DE PUISSANCE POUR UNE PIECE A MAIN UTILISEE POUR REALISER UNE PHACOEMULSIFICATION EN FONCTION DU NIVEAU DE VIDE**
[72] GORDON, RAPHAEL, US
[72] SALEHI, AHMAD, US
[72] TEODORESCU, DAN, US
[73] ALCON RESEARCH, LTD.,
[85] 2013-12-06
[86] 2012-06-29 (PCT/US2012/044807)
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[30] US (13/178,845) 2011-07-08

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4439 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **METALLOENZYME INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE METALLOENZYMES**
[72] HOEKSTRA, WILLIAM J., US
[72] YATES, CHRISTOPHER M., US
[72] SCHOTZINGER, ROBERT J., US
[72] LOSO, MICHAEL, US
[72] BUCHAN, ZACHARY A., US
[72] SULLENBERGER, MICHAEL, US
[73] VIAMET PHARMACEUTICALS (NC), INC.,
[85] 2013-12-09
[86] 2012-06-19 (PCT/US2012/043140)
[87] (WO2012/177635)
[30] US (61/498,570) 2011-06-19
[30] US (61/611,897) 2012-03-16

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[51] **Int.Cl. C07D 303/42 (2006.01)**
[25] EN
[54] **REDUCED COLOR EPOXIDIZED ESTERS FROM EPOXIDIZED NATURAL FATS AND OILS**
[54] **ESTERS EPOXYDES PEU COLORES PROVENANT DE GRAISSES ET D'HUILES NATURELLES EPOXYDEES**
[72] HOWARD, STEPHEN, US
[72] HAGBERG, ERIK, US
[72] POPPE, GEORGE, US
[73] ARCHER DANIELS MIDLAND COMPANY,
[85] 2013-12-19
[86] 2012-05-21 (PCT/US2012/038760)
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[30] US (61/501,312) 2011-06-27

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[51] **Int.Cl. A61K 31/55 (2006.01) A61P 15/00 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATING PREMATURE EJACULATION AND METHOD FOR TREATING PREMATURE EJACULATION**
[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER L'EJACULATION PREMATUREE ET PROCEDE POUR TRAITER L'EJACULATION PREMATUREE**
[72] JEON, HONG-RYEOL, KR
[72] KWON, DO-WOO, KR
[72] LEE, BONG-SANG, KR
[72] KWAK, SEONG-SHIN, KR
[72] LEE, SUN-AHE, KR
[72] PARK, HYUN-JUNG, KR
[72] YOO, JEONG-HWA, KR
[73] CTC BIO, INC.,
[85] 2013-12-24
[86] 2012-06-28 (PCT/KR2012/005134)
[87] (WO2013/002578)
[30] KR (10-2011-0062620) 2011-06-28

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[51] **Int.Cl. B65G 17/08 (2006.01) B65G 17/40 (2006.01)**
[25] EN
[54] **MODULAR BELT LINK MODULE WITH AN INSERT**
[54] **MODULE DE LIEN DE COURROIE MODULAIRE DOTE D'UNE INSERTION**
[72] BUTER, GERM, NL
[73] AMMERAAL BELTECH MODULAR A/S,
[85] 2013-12-31
[86] 2012-07-04 (PCT/DK2012/050251)
[87] (WO2013/004246)
[30] DK (PA 2011 70362) 2011-07-05

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[13] C
[51] **Int.Cl. G01V 3/17 (2006.01) F41H 11/136 (2011.01)**
[25] FR
[54] **DEVICE FOR DETECTING OBJECTS SUCH AS MINES**
[54] **DISPOSITIF POUR DETECTER DES OBJETS TELS QUE DES MINES**
[72] CHEKROUN, CLAUDE, FR
[72] DURAN, MARIO, CL
[72] BOHBOT, OLIVIER, FR
[72] SENEOR, ROLAND, FR
[73] CHEKROUN, CLAUDE,
[73] ECOLE POLYTECHNIQUE,
[73] DURAN, MARIO,
[73] AVANTIX,
[85] 2013-12-31
[86] 2012-07-05 (PCT/FR2012/000268)
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[25] EN
[54] **VERTICAL STACKING BALE ACCUMULATOR**
[54] **ACCUMULATEUR DE BOTTES A EMPILAGE VERTICAL**
[72] BERGEN, HARVEY G., CA
[72] FRIESEN, A. PHILIP, CA
[73] PHIBER MANUFACTURING INC.,
[86] (2841188)
[87] (2841188)
[22] 2014-01-27

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[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) E21B 44/00 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **DATA INITIALIZATION FOR A SUBTERRANEAN OPERATION**
[54] **INITIALISATION DE DONNEES POUR UNE OPERATION SOUTERRAINE**
[72] MUSGRAVE, BEN, US
[72] DIRKSEN, RON, US
[72] PATEL, BHARGAV HARIPRASAD, US
[72] ARTIGA, VICTOR ALEXANDER, US
[72] SUN, CILI, US
[72] WONG, SIONG MING, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[86] (2841283)
[87] (2841283)
[22] 2014-01-30
[30] US (61/758,869) 2013-01-31

[11] **2,842,548**
[13] C
[51] **Int.Cl. H04N 19/33 (2014.01) H04N 19/36 (2014.01)**
[25] EN
[54] **INHERITANCE IN A TIERED SIGNAL QUALITY HIERARCHY**
[54] **HERITAGE DANS UNE HIERARCHIE DE QUALITE DE SIGNAL MULTINIVEAU**
[72] ROSSATO, LUCA, IT
[72] MEARDI, GUIDO, IT
[73] ROSSATO, LUCA,
[73] MEARDI, GUIDO,
[85] 2014-01-20
[86] 2012-07-18 (PCT/IB2012/053660)
[87] (WO2013/011466)
[30] US (13/188,188) 2011-07-21

[11] **2,842,551**
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[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/124 (2014.01) H04N 19/184 (2014.01) H04N 19/36 (2014.01) H04N 19/85 (2014.01) H04N 19/91 (2014.01) H03M 7/40 (2006.01)**
[25] EN
[54] **SIGNAL PROCESSING AND INHERITANCE IN A TIERED SIGNAL QUALITY HIERARCHY**
[54] **TRAITEMENT DU SIGNAL ET HERITAGE DANS UNE HIERARCHIE DE QUALITE DE SIGNAL ECHELONNEE**
[72] ROSSATO, LUCA, IT
[72] MEARDI, GUIDO, IT
[73] ROSSATO, LUCA,
[73] MEARDI, GUIDO,
[85] 2014-01-20
[86] 2012-07-20 (PCT/IB2012/053725)
[87] (WO2013/011495)
[30] US (13/188,226) 2011-07-21

[11] **2,843,132**
[13] C
[51] **Int.Cl. F04D 29/36 (2006.01)**
[25] EN
[54] **BLOWER ROTOR FOR AN AXIAL BLOWER**
[54] **ROTOR DE VENTILATEUR DESTINE A UN VENTILATEUR AXIAL**
[72] RASMUSSEN, MARTIN, DK
[72] HOLT, PETER, DK
[73] NOVENCO A/S,
[85] 2014-01-24
[86] 2012-07-31 (PCT/EP2012/064928)
[87] (WO2013/017584)
[30] DK (PA 2011 70429) 2011-08-04

[11] **2,843,970**
[13] C
[51] **Int.Cl. F16K 11/20 (2006.01)**
[25] EN
[54] **ACTUATORS FOR USE WITH FLUID CONTROL DEVICES HAVING MULTIPLE FLUID FLOW CONTROL MEMBERS**
[54] **ACTIONNEURS DESTINES A ETRE UTILISES AVEC DES DISPOSITIFS DE REGULATION DE FLUIDE AYANT DE MULTIPLES ELEMENTS DE REGULATION D'ECOULEMENT DE FLUIDE**
[72] ANAGNOS, RICHARD JAMES, US
[73] FISHER CONTROLS INTERNATIONAL LLC,
[85] 2014-01-30
[86] 2012-08-09 (PCT/US2012/050119)
[87] (WO2013/023039)
[30] US (61/522,311) 2011-08-11

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[51] **Int.Cl. C10G 3/00 (2006.01) B09B 3/00 (2006.01) C10G 33/00 (2006.01) C11B 1/00 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR UPGRADING BIOMASS DERIVED PRODUCTS**
[54] **PROCEDE DE VALORISATION DE PRODUITS DERIVES DE LA BIOMASSE**
[72] SMITH, ED, US
[72] SANCHEZ, VICENTE, US
[72] TREWELLA, JEFFREY C., US
[72] MCGOVERN, STEPHEN J., US
[72] ROEMISCH, ROYCE, US
[72] SORRELLS, JENNIFER, US
[72] MAY, LESLIE, US
[72] RAMIREZ CORREDORES, MARIA MAGDALENA, US
[72] BANDA, ROCIO, US
[72] BAUER, LARRY, US
[73] KIOR, INC.,
[85] 2014-01-31
[86] 2012-08-13 (PCT/US2012/050561)
[87] (WO2013/025600)
[30] US (13/212,861) 2011-08-18

[11] **2,845,465**
[13] C
[51] **Int.Cl. H04N 21/8547 (2011.01) H04N 21/647 (2011.01) H04N 21/8545 (2011.01) H04N 21/858 (2011.01)**
[25] EN
[54] **SYNCHRONIZING MULTIPLE TRANSMISSIONS OF CONTENT**
[54] **SYNCHRONISATION DE MULTIPLES TRANSMISSIONS DE CONTENU**
[72] SHARMA, SUDHANSHU, US
[72] MORA, JAMES D., US
[73] COMCAST CABLE COMMUNICATIONS, LLC,
[86] (2845465)
[87] (2845465)
[22] 2014-03-11
[30] US (13/798,843) 2013-03-13

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[13] C
[51] **Int.Cl. B67D 1/08 (2006.01) A47G 23/02 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **TILTER FOR HOLDING A CONTAINER IN A PROGRESSIVELY LESS TILTED ORIENTATION WHILE RECEIVING A BEVERAGE FROM A DISPENSING SYSTEM**
[54] **DISPOSITIF D'INCLINAISON PERMETTANT DE SUPPORTER UN RECIPIENT SELON UNE ORIENTATION PROGRESSIVEMENT MOINS INCLINEE TOUT EN RECEVANT UNE BOISSON EN PROVENANCE D'UN SYSTEME DE DISTRIBUTION**
[72] SCHMITT, STEPHEN M., US
[72] TRULASKE, JAMES A., US
[73] ANHEUSER-BUSCH, LLC,
[85] 2014-02-18
[86] 2012-08-20 (PCT/US2012/051586)
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[30] US (61/525,490) 2011-08-19

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[51] **Int.Cl. F01D 5/30 (2006.01) F01D 5/32 (2006.01) F04D 29/32 (2006.01)**
[25] EN
[54] **BLADE ARRANGEMENT HAVING BLADE CARRIER AND RETAINING GROOVE FOR BLADES HAVING BLADE ROOT**
[54] **ARRANGEMENT DE PALE COMPORTANT UN SUPPORT DE PALE ET UN SILLAGE DE RETENUE DE PALES AYANT UNE RACINE DE PALE**
[72] SIEBER, UWE, DE
[72] DUNGS, SASCHA, DE
[72] GRIFFIN, ELLIOT, US
[72] PAUS, MARKUS, DE
[72] REICHLING, STEFAN, DE
[72] WIGGER, HUBERTUS MICHAEL, DE
[72] WISTUBA, DIRK, DE
[73] SIEMENS AKTIENGESELLSCHAFT,
[85] 2014-02-21
[86] 2012-08-14 (PCT/EP2012/065840)
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[51] **Int.Cl. E21B 43/243 (2006.01) C09K 8/584 (2006.01) C09K 8/592 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON MOBILITY AND RECOVERY THROUGH IN-SITU COMBUSTION WITH THE ADDITION OF AMMONIA**
[54] **MOBILITE DES HYDROCARBURES ET RECUPERATION DES HYDROCARBURES PAR COMBUSTION IN SITU AVEC L'ADDITION D'AMMONIAC**
[72] HART, PAUL R., US
[73] NALCO COMPANY,
[85] 2014-02-26
[86] 2012-09-21 (PCT/US2012/056494)
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[30] US (61/537,107) 2011-09-21

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[51] **Int.Cl. A23L 3/02 (2006.01) A23L 7/00 (2016.01) A23L 23/00 (2016.01) A23L 29/206 (2016.01) A23L 2/46 (2006.01) A23L 3/3463 (2006.01)**
[25] EN
[54] **THERMALLY INHIBITED FLOURS FOR IMPROVED RETORT EFFICIENCY**
[54] **FARINES INHIBEES THERMIQUEMENT POUR AMELIORER L'EFFICACITE DE LA STERILISATION EN AUTOCLAVE**
[72] DREW, LESLIE, US
[72] DAR, YADUNANDAN L., US
[73] CORN PRODUCTS DEVELOPMENT, INC.,
[86] (2847506)
[87] (2847506)
[22] 2014-03-24
[30] US (13/850,010) 2013-03-25

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[51] **Int.Cl. A61K 33/04 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **PREPARATION AND COMPOSITIONS OF HIGHLY BIOAVAILABLE ZEROVALENT SULFUR AND USES THEREOF**
[54] **PREPARATION ET COMPOSITIONS DE SOUFRE A VALENCE ZERO, HAUTEMENT BIODISPONIBLES ET LEURS UTILISATIONS**
[72] GOJON ROMANILLOS, GABRIEL, MX
[72] GOJON ZORRILLA, GABRIEL, MX
[73] NUEVAS ALTERNATIVAS NATURALES, S.A.P.I. DE C.V.,
[85] 2014-03-03
[86] 2012-09-13 (PCT/MX2012/000086)
[87] (WO2013/055199)
[30] US (61/534,585) 2011-09-14

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[13] C
[51] **Int.Cl. A21D 13/80 (2017.01) A21D 13/10 (2017.01) A21D 13/40 (2017.01) A21D 2/36 (2006.01) A21D 13/00 (2017.01)**
[25] EN
[54] **SNACKS WITH MARBLED-LIKE APPEARANCE AND METHODS FOR STEAM TREATING DOUGH-BASED SNACKS**
[54] **FRIANDISES A ASPECT MARBRE ET PROCEDES POUR TRAITER A LA VAPEUR DES FRIANDISES A BASE DE PATE**
[72] KATZ, MEAGAN CAROLINE, US
[72] VEMULAPALLI, VANI, US
[72] KARWOWSKI, JAN, US
[73] INTERCONTINENTAL GREAT BRANDS LLC,
[85] 2014-03-05
[86] 2012-09-07 (PCT/US2012/054188)
[87] (WO2013/036782)
[30] US (61/533,075) 2011-09-09

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[13] C
[51] **Int.Cl. C01B 32/00 (2017.01) H01M 4/583 (2010.01) C01B 32/05 (2017.01) C01B 32/30 (2017.01) C01B 32/318 (2017.01) H01M 4/96 (2006.01) H01G 11/32 (2013.01)**
[25] EN
[54] **N-DOPED CARBON MATERIALS**
[54] **MATIERES CARBONEES DOPEES N**
[72] LI, ZHI, CA
[72] ZHANG, LI, CA
[72] HOLT, CHRIS M.B., CA
[72] MITLIN, DAVID, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA,
[85] 2014-03-07
[86] 2012-09-07 (PCT/CA2012/050623)
[87] (WO2013/033847)
[30] US (61/531,731) 2011-09-07

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[13] C
[51] **Int.Cl. G01N 27/00 (2006.01) G01N 30/30 (2006.01) G01N 30/34 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **INTACT MASS DETERMINATION OF PROTEIN CONJUGATED AGENT COMPOUNDS**
[54] **DETERMINATION DE LA MASSE INTACTE DE COMPOSES AGENTS CONJUGUES A UNE PROTEINE**
[72] VALLIERE-DOUGLASS, JOHN FAY, US
[72] SALAS, OSCAR, US
[73] SEATTLE GENETICS, INC.,
[85] 2014-03-12
[86] 2012-09-27 (PCT/US2012/057649)
[87] (WO2013/049410)
[30] US (61/540,839) 2011-09-29
[30] US (61/701,489) 2012-09-14

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[13] C
[51] **Int.Cl. B32B 38/16 (2006.01) B28B 5/02 (2006.01) B28B 11/00 (2006.01) B32B 5/18 (2006.01) B32B 13/00 (2006.01) C04B 16/04 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE PRODUCTION OF GYPSUM BOARD USING STARCH PELLETS**
[54] **SYSTEME ET PROCEDE PERMETTANT LA PRODUCTION D'UNE PLAQUE DE PLATRE A L'AIDE DE BOULETTES D'AMIDON**
[72] COLLEGE, JOHN W., US
[72] LIBUNAO, SHANE, US
[72] HARRIS, MARK, US
[73] CERTAINTEED GYPSUM, INC.,
[85] 2014-03-13
[86] 2012-09-14 (PCT/US2012/055392)
[87] (WO2013/040340)
[30] US (13/232,513) 2011-09-14

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[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL DEVICE WITH OFFSET CONDUCTIVE ELEMENT**
[54] **DISPOSITIF ELECTROCHIRURGICAL AYANT UN ELEMENT CONDUCTEUR DECALE**
[72] TEMELLI, DENIZ, CA
[72] GODARA, NEIL, CA
[73] AVENT, INC.,
[85] 2014-03-18
[86] 2012-08-27 (PCT/CA2012/050591)
[87] (WO2013/044378)
[30] US (13/249,908) 2011-09-30

[11] **2,849,040**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL PEPTIDES FROM TILAPIA (OREOCHROMIS NILOTICUS)**
[54] **PEPTIDES ANTIMICROBIENS A PARTIR DE TILAPIA (OREOCHROMIS NILOTICUS)**
[72] ACOSTA ALBA, JANNEL, CU
[72] ESTRADA GARCIA, MARIO PABLO, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA,
[85] 2014-03-18
[86] 2012-10-01 (PCT/CU2012/000005)
[87] (WO2013/044890)
[30] CU (2011-0181) 2011-09-30

[11] **2,849,055**
[13] C
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[25] EN
[54] **N-SUBSTITUTED BENZENEPROPANAMIDE AND BENZENEPROPENAMIDE FOR USE IN THE PREVENTION OR THE TREATMENT OF AFFECTIVE DISORDERS**
[54] **BENZENEPROPANAMIDE ET BENZENEPROPENAMIDE N-SUBSTITUES DESTINES A ETRE UTILISES DANS LA PREVENTION OU LE TRAITEMENT DE TROUBLES AFFECTIFS**
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[72] GIL-AD, IRIT, IL
[73] NOVAREMED LTD,
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[54] **METHODS AND APPARATUSES FOR PRODUCING A BRAIDED DUAL-SIDED COMPRESSION PACKING SEAL AND METHODS OF USING THE SAME**
[54] **PROCEDES ET APPAREILS POUR PRODUIRE UN JOINT D'ETANCHEITE DE GARNITURE DE COMPRESSION DOUBLE FACE TRESSE ET LEURS PROCEDES D'UTILISATION**
[72] AZIBERT, HENRI V., US
[72] STARBILE, PAUL VINCENT, US
[72] MAHONEY, PHILIP MICHAEL, JR., US
[73] A.W. CHESTERTON COMPANY,
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[54] **SOUFFLET DE TEST FENDU**
[72] LUCEY, CHRIS, US
[72] NELSON, BILL, US
[72] SABO, LORRAINE, US
[72] WICKERSHAM, LARRY, US
[73] FRANKLIN FUELING SYSTEMS, INC.,
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[72] ENGLER, WOLFGANG, CA
[72] HEATH, BRIAN, CA
[72] MAH, CEDAR, CA
[73] INTELLIGENT IMAGING SYSTEMS INC.,
[85] 2014-03-27
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[54] **FLAME RETARDANT THERMOPLASTIC COMPOSITION OF POLYCARBONATE AND POLYPROPYLENE**
[54] **COMPOSITION THERMOPLASTIQUE IGNIFUGE A BASE DE POLYCARBONATE ET DE POLYPROPYLENE**
[72] FU, LIN, US
[72] LAUFER, CAROLINE H., US
[72] LIN, THOMAS S., US
[72] BISHOP, MATTHEW T., US
[72] LAKROUT, HAMED, US
[72] HARRIS, WILLIAM J., US
[73] DOW GLOBAL TECHNOLOGIES LLC,
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[54] **REVETEMENT PELABLE AMELIORE**
[72] HELBLING, ALOIS, AU
[72] BONE, CHRISTOPHER PETER, AU
[73] SKUDO GROUP PTY LTD.,
[85] 2014-03-28
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[54] **MEDICAL FLUID COMPRISING GLOBULIN AND ITS USE FOR PRESERVATION OF HARVESTED ORGANS**
[54] **FLUIDE MEDICAL COMPRENANT UNE GLOBULINE ET SON UTILISATION POUR LA CONSERVATION D'ORGANES COLLECTES**
[72] STEEN, STIG, SE
[73] XVIVO PERFUSION AB,
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[54] **ROBOTIC SERVICING MULTIFUNCTIONAL TOOL**
[54] **OUTIL MULTIFONCTIONNEL D'ENTRETIEN ROBOTIQUE**
[72] ROBERTS, PAUL, CA
[72] BRATSBERG, STEPHEN, CA
[72] RAGO, GIUSEPPE, CA
[73] MACDONALD DETTWILER AND ASSOCIATES INC.,
[85] 2014-04-02
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[54] **DEVICE AND METHOD FOR PASSIVE FLEXIBILITY TRAINING**
[54] **DISPOSITIF ET METHODE D'ENTRAINEMENT DE SOUPLESSE PASSIF**
[72] HATFIELD, KEITH HOWARD, US
[73] HATFIELD, KEITH HOWARD,
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[54] **SENSING SYSTEM WITH AUXILIARY DISPLAY**
[54] **SYSTEME DE DETECTION AVEC AFFICHAGE AUXILIAIRE**
[72] TALBOT, CARY D., US
[72] MASTROTOTARO, JOHN J., US
[72] SHAH, RAJIV, US
[72] CHERNOFF, EDWARD, US
[72] MUELLER, JOHN C., JR., US
[72] SHAHMIRIAN, VARAZ, US
[72] PURVIS, RICHARD E., US
[72] MORGAN, WAYNE A., US
[72] GOTTLIEB, REBECCA K., US
[73] MEDTRONIC MINIMED, INC.,
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[54] **METHOD FOR PREPARING PENTACYCLIC ANION SALT**
[54] **PROCEDE DE PREPARATION DE SEL D'ANION PENTACYLIQUE**
[72] SCHMIDT, GREGORY, FR
[72] FLASQUE, MIGUEL, FR
[73] ARKEMA FRANCE,
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[54] **HEAT EXCHANGE FLUID PURIFICATION FOR DIALYSIS SYSTEM**
[54] **PURIFICATION DE FLUIDE D'ECHANGE DE CHALEUR POUR UN SYSTEME DE DIALYSE**
[72] WRAZEL, JULIE, US
[72] LINGAM, GOPI, US
[72] MILLER, ERIK, US
[72] HIRES, CLAYTON, US
[73] OUTSET MEDICAL, INC.,
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[54] **THERMOSTAT DE DETOURNEMENT D'ALIMENTATION ADAPTATIF**
[72] WARREN, DANIEL ADAM, US
[72] SMITH, IAN C., US
[72] SATTERTHWAITE, EDWIN H., JR., US
[72] PALMER, JOSEPH E., US
[73] GOOGLE LLC,
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[54] **METHODS FOR FORMING COMPOSITE STRUCTURES**
[54] **PROCEDES POUR FORMER DES STRUCTURES COMPOSITES**
[72] CASSONI, ROBERT PAUL, US
[72] GUZZI, BRIAN DANIEL, US
[73] KELLOGG COMPANY,
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[54] **OXYGENE THERAPEUTIQUE TAMPONNE**
[72] UNGER, EVAN C., US
[72] JOHNSON, JENNIFER L., US
[73] NUVOX PHARMA L.L.C.,
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[54] **METHOD AND DEVICE FOR THE SIMULTANEOUS COMPRESSION AND CHARACTERIZATION OF ULTRASHORT LASER PULSES**
[54] **PROCEDE ET DISPOSITIF POUR LA COMPRESSION ET LA CARACTERISATION SIMULTANEES D'IMPULSIONS LASER ULTRACOURTES**
[72] DA COSTA RIBEIRO DE MIRANDA, MIGUEL NICOLAU, PT
[72] PAIVA REBELO CEREJO CRESPO, HELDER MANUEL, PT
[72] ANDREAS FORDELL, THOMAS PETER, SE
[72] LOUIS ARNOLD, CORD, SE
[72] L'HUILLIER, ANNE, SE
[73] UNIVERSIDADE DO PORTO,
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[54] **PILOT OPERATED FLUID REGULATORS HAVING A RESET APPARATUS AND RELATED METHODS**
[54] **REGULATEURS DE FLUIDE ACTIONNES PAR PILOTE ET POSSEDANT UN APPAREIL DE REMISE A ZERO, ET PROCEDES CORRESPONDANTS**
[72] GRIFFIN, JAMES LYMAN, JR., US
[72] ROPER, DANIEL GUNDER, US
[72] SCHEFFLER, DOUGLAS J., US
[72] MCKINNEY, HAROLD JOE, US
[72] JOURNEY, JASON DANIEL, US
[73] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC.,
[85] 2014-04-11
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[54] **METHOD AND APPARATUS FOR TREATING A PATIENT BY INTENTIONALLY OCCLUDING A BLOOD VESSEL, INCLUDING METHOD AND APPARATUS FOR INDUCING WEIGHT LOSS IN A PATIENT BY INTENTIONALLY OCCLUDING THE CELIAC ARTERY**
[54] **METHODE ET APPAREIL POUR TRAITER UN PATIENT PAR OCCLUSION INTENTIONNELLE D'UN VAISSEAU SANGUIN, ET METHODE ET APPAREIL POUR INDUIRE UNE PERTE PONDERALE CHEZ UN PATIENT PAR OCCLUSION INTENTIONNELLE DE L'ARTERE COELIAQUE**
[72] COHN, WILLIAM E., US
[72] DELGADO, REYNOLDS M., US
[73] ANAXIOM CORPORATION,
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[54] **COMPOSITION D'ADHESIF**
[72] PARELLADA LLOBET, JORGE, ES
[72] ARBUSA AMOROS, JORDI, ES
[72] BORROS GOMEZ, SALVADOR, ES
[73] PJM PUJADAS, S.A.,
[73] INSTITUT QUIMIC DE SARRIA CETS FUNDACIO PRIVADA,
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[54] **COLLIER DE TUYAU**
[72] MICHIELS, MILENKO, NL
[73] Q-CLIP B.V.,
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[54] **VOLUME BOOSTER WITH SEAT LOAD BIAS**
[54] **DISPOSITIF DE RENFORCEMENT DE VOLUME A SOLLICITATION DE CHARGE DE SIEGE**
[72] LOVELL, MICHEL KEN, US
[73] FISHER CONTROLS INTERNATIONAL LLC,
[85] 2014-04-16
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[54] **PROCESS FOR PREPARING QUINOLINE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE QUINOLEINE**
[72] WILSON, JO ANN, US
[72] NAGANATHAN, SRIRAM, US
[72] PFEIFFER, MATTHEW, US
[72] ANDERSEN, NEIL G., US
[73] EXELIXIS, INC.,
[85] 2014-04-16
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[25] EN
[54] **MELDRUM'S ACID, BARBITURIC ACID AND PYRAZOLONE DERIVATIVES SUBSTITUTED WITH HYDROXYLAMINE AS HNO DONORS**
[54] **ACIDE DE MELDRUM, ACIDE BARBITURIQUE ET DERIVES DE LA PYRAZOLINE SUBSTITUES PAR UNE HYDROXYLAMINE EN TANT QUE DONNEURS DE HNO**
[72] GUTHRIE, DARYL A., US
[72] TOSCANO, JOHN P., US
[73] THE JOHNS HOPKINS UNIVERSITY,
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[54] **ENSEMBLE RACCORD MEDICAL ANTI-CONTAMINATION ET PROCEDE ASSOCIE**
[72] UBER, ARTHUR E., US
[72] COWAN, KEVIN P., US
[72] DEDIG, JAMES A., US
[72] GRIFFITHS, DAVID M., US
[72] RHINEHART, EDWARD J., US
[72] SWANTNER, MICHAEL J., US
[72] TAGGART, BENJAMIN, US
[72] TROCKI, MARK, US
[72] YANNIELLO, MICHAEL J., US
[73] BAYER HEALTHCARE LLC,
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[54] **MECANISME DE FIXATION ET DE DETACHEMENT DE FLECHE**
[72] NAKAMURA, MASAFUMI, JP
[72] TAKASHIMA, HIROSHI, JP
[73] TADANO LTD.,
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[87] (2853144)
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[30] JP (2013-117247) 2013-06-03

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[54] **RING HOLDER, SYSTEM COMPRISING A RING HOLDER AND A RING DISPLAY AND METHOD FOR CONNECTING A RING TO A RING HOLDER**
[54] **PORTE-BAGUE, SYSTEME COMPRENANT UN PORTE-BAGUE ET UN PRESENTOIR ET PROCEDE SERVANT A ASSEMBLER UNE BAGUE A UN PORTE-BAGUE**
[72] STEBER, HARALD, DE
[72] NOSTER, MEIKE, DE
[72] FRANKOWSKI, MARCUS, DE
[73] BEELINE GMBH,
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[25] EN
[54] **METHOD AND DEVICE FOR MANAGING AN ARRAY OF KEYS, WITH PROTECTION AGAINST AN ACTIVE SPY DEVICE, COMPUTER PROGRAM PRODUCT AND STORAGE MEANS CORRESPONDING THERETO**
[54] **PROCEDE ET DISPOSITIF DE GESTION D'UNE MATRICE DE TOUCHES, AVEC PROTECTION CONTRE UN DISPOSITIF ESPION ACTIF, PRODUIT PROGRAMME D'ORDINATEUR ET MOYEN DE STOCKAGE CORRESPONDANTS**
[72] BELLAHCENE, MOHAMMED, FR
[72] BENOIT, OLIVIER, FR
[72] DELORME, JEAN-JACQUES, FR
[73] INGENICO GROUP,
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[54] **SYSTEM FOR MARKING A NON-HUMAN BIOLOGICAL OBJECT AND FOR TAKING A SAMPLE OF THE BIOLOGICAL OBJECT.**
[54] **SYSTEME POUR LE MARQUAGE D'UN OBJET BIOLOGIQUE NON HUMAIN ET POUR LE PRELEVEMENT D'UN ECHANTILLON DE L'OBJET BIOLOGIQUE.**
[72] NEHLS, REINHARD, DE
[73] NEHLS, REINHARD,
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[54] **A LIQUID ENZYME FORMULATION AND A PROCESS FOR ITS PREPARATION**
[54] **FORMULATION ENZYMATIQUE LIQUIDE ET SON PROCEDE DE PREPARATION**
[72] RAJAKARI, KIRSI, FI
[72] HOTAKAINEN, KAI, FI
[72] MYLLARINEN, PAIVI, FI
[73] VALIO LTD,
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[25] EN
[54] **OPTICAL CUP WITH A LOWER TAPERED AREA**
[54] **COUPELLE OPTIQUE A ZONE PROGRESSIVE INFERIEURE**
[72] INGBER, GAL, IL
[73] POCARED DIAGNOSTICS LTD.,
[85] 2014-04-29
[86] 2011-11-02 (PCT/US2011/058881)
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[25] EN
[54] **PLURAL BLOW UTILIZATION OF COUNTER STRETCH ROD AND/OR BASE PUSHUP**
[54] **UTILISATION D'UNE TIGE DE CONTRACTION ET/OU D'UN DISPOSITIF DE RELEVEMENT DE BASE LORS DE SOUFFLAGE MULTIPLE**
[72] WILSON, BRADLEY, US
[72] BATES, PETER, US
[72] BEUERLE, FREDERICK C., US
[72] LISCH, GEORGE DAVID, US
[72] LUCHIES, REINHARD C.J., US
[72] MAST, LUKE A., US
[73] AMCOR RIGID PLASTICS USA, LLC,
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[54] **COMPOSITION DE PRECURSEUR POUR DIALYSE**
[72] JANSSON, OLOF, SE
[72] GUSTAFSSON, JENS, SE
[72] LINDEN, TORBJORN, SE
[73] GAMBRO LUNDIA AB,
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[25] EN
[54] **INDUSTRIAL TWO-LAYER FABRIC**
[54] **TISSU INDUSTRIEL DOUBLE COUCHE**
[72] UEDA, IKUO, JP
[73] NIPPON FILCON CO., LTD.,
[86] (2856372)
[87] (2856372)
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[54] **SYSTEM AND METHOD FOR POWERING OCULAR IMPLANTS**
[54] **SYSTEME ET PROCEDE POUR ALIMENTER DES IMPLANTS OCULAIRES**
[72] DOS SANTOS, CESARIO, US
[72] JENKINS, DANIEL COLLIN, US
[73] ALCON RESEARCH, LTD.,
[85] 2014-05-22
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[54] **APPARATUS AND METHOD FOR CONTROLLING A DOWNHOLE DEVICE**
[54] **APPAREIL ET PROCEDE POUR COMMANDE DE DISPOSITIF DE FOND DE TROU**
[72] MACHOCKI, KRZYSZTOF, GB
[73] NXG TECHNOLOGIES LIMITED,
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[25] EN
[54] **NOVEL GLP-1 RECEPTOR MODULATORS**
[54] **NOUVEAUX MODULATEURS DU RECEPTEUR GLP-1**
[72] BOEHM, MARCUS F., US
[72] MARTINBOROUGH, ESTHER, US
[72] MOORJANI, MANISHA, US
[72] TAMIYA, JUNKO, US
[72] HUANG, LIMING, US
[72] YEAGER, ADAM R., US
[72] BRAHMACHARY, ENUGURTHI, US
[72] FOWLER, THOMAS, GB
[72] NOVAK, ANDREW, GB
[72] MEGHANI, PREMJI, GB
[72] KNAGGS, MICHAEL, GB
[73] CELGENE INTERNATIONAL II SARL,
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[25] FR
[54] **CHEMICAL LOOPING COMBUSTION METHOD WITH THE DILUTED-PHASE REMOVAL OF ASH AND FINES IN THE OXIDATION ZONE, AND FACILITY USING SUCH A METHOD**
[54] **PROCEDE DE COMBUSTION EN BOUCLE CHIMIQUE AVEC ELIMINATION EN PHASE DILUEE DES CENDRES ET FINES DANS LA ZONE D'OXYDATION ET INSTALLATION UTILISANT UN TEL PROCEDE**
[72] GUILLOU, FLORENT, FR
[72] GAUTHIER, THIERRY, FR
[72] HOTEIT, ALI, FR
[72] RIFFLART, SEBASTIEN, FR
[73] IFP ENERGIES NOUVELLES,
[73] TOTAL SA,
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[54] **DEVICE FOR ENDOVASCULAR AORTIC REPAIR AND METHOD OF USING THE SAME**
[54] **DISPOSITIF POUR UNE REPARATION AORTIQUE ENDOVASCULAIRE ET PROCEDE D'UTILISATION DU DISPOSITIF**
[72] SHAHRIARI, ALI, US
[73] AORTIC INNOVATIONS LLC,
[85] 2014-06-05
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[87] (WO2013/086132)
[30] US (61/567,458) 2011-12-06
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[25] FR
[54] **FIBER STRUCTURE HAVING VARIABLE-COUNT THREADS**
[54] **STRUCTURE FIBREUSE AVEC FILS A TITRE VARIABLE**
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] COUPE, DOMINIQUE, US
[72] GOERING, JONATHAN, US
[72] GILBERTSON, BROCK, US
[72] MAHIEU, JEAN-NOEL, FR
[73] SNECMA,
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[25] EN
[54] **METHOD, SURGICAL KIT AND DEVICE FOR TREATING GLAUCOMA**
[54] **PROCEDE, KIT CHIRURGICAL ET DISPOSITIF POUR LE TRAITEMENT DU GLAUCOME**
[72] PINCHUK, LEONARD, US
[73] INNFOCUS, INC.,
[85] 2014-06-18
[86] 2013-01-10 (PCT/US2013/020920)
[87] (WO2013/147978)
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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **DEVICES FOR REDUCING LEFT ATRIAL PRESSURE, AND METHODS OF MAKING AND USING SAME**
[54] **DISPOSITIFS DESTINES A REDUIRE LA PRESSION AURICULAIRE GAUCHE, ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] NITZAN, YAACOV, IL
[72] YACOBY, MENASHE, IL
[73] V-WAVE LTD.,
[85] 2014-06-20
[86] 2011-12-22 (PCT/IL2011/000958)
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[25] EN
[54] **CORROSION-RESISTANT COATING SYSTEM FOR A DRY-TYPE TRANSFORMER CORE**
[54] **SYSTEME DE REVETEMENT RESISTANT A LA CORROSION POUR UN COEUR DE TRANSFORMATEUR DE TYPE SEC**
[72] SINGH, BANDEEP, US
[72] HARTMANN, THOMAS A., US
[72] BALLARD, ROBERT C., US
[73] ABB SCHWEIZ AG,
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[25] EN
[54] **RADIO FREQUENCY ID TAG HAVING STRUCTURE FOR INLAY SPACING**
[54] **ETIQUETTE D'IDENTIFICATION RADIOFREQUENCE DONT LA STRUCTURE PERMET L'ESPACEMENT D'ELEMENTS INCRUSTES**
[72] CHANDRAMOWLE, GHOPAL, US
[72] DAY, EDWARD, US
[72] PATTERSON, HUBERT A., US
[73] SENSORMATIC ELECTRONICS LLC,
[85] 2014-07-14
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[25] EN
[54] **MODULATORS OF METHYL MODIFYING ENZYMES, COMPOSITIONS AND USES THEREOF**
[54] **MODULATEURS D'ENZYMES DE MODIFICATION PAR METHYLATION, LEURS COMPOSITIONS ET UTILISATIONS**
[72] ALBRECHT, BRIAN K., US
[72] AUDIA, JAMES EDMUND, US
[72] COOK, ANDREW S., US
[72] DAKIN, LES A., US
[72] DUPLESSIS, MARTIN, US
[72] GEHLING, VICTOR S., US
[72] HARMANGE, JEAN-CHRISTOPHE, US
[72] NASVESCHUK, CHRISTOPHER G., US
[72] VASWANI, RISHI G., US
[73] CONSTELLATION PHARMACEUTICALS, INC.,
[85] 2014-07-17
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[87] (WO2013/120104)
[30] US (61/597,695) 2012-02-10
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[13] C
[51] **Int.Cl. F23R 3/14 (2006.01) F23R 3/28 (2006.01)**
[25] FR
[54] **AIR AND FUEL INJECTION DEVICE FOR A TURBOMACHINE COMBUSTION CHAMBER**
[54] **DISPOSITIF D'INJECTION D'AIR ET DE CARBURANT POUR UNE CHAMBRE DE COMBUSTION D'UNE TURBOMACHINE**
[72] BUNEL, JACQUES MARCEL ARTHUR, FR
[72] MATHIEU, FREDERIC MARIUS, FR
[72] ULRYCK, GILLES, FR
[73] SNECMA,
[85] 2014-07-23
[86] 2013-02-08 (PCT/FR2013/050264)
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[51] **Int.Cl. A61F 13/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE ELASTIC PROFILE COMPRESSION GARMENT**
[54] **VETEMENT DE COMPRESSION A PROFIL ELASTIQUE REGLABLE**
[72] LIPSHAW, MOSES A., US
[72] SHAW, SANDRA ANNE, US
[72] BENDER, DEAN J., US
[72] RICHARDSON, THOMAS, US
[72] KENNERKNECHT, TERESA, US
[73] MEDI MANUFACTURING, INC.,
[85] 2014-07-25
[86] 2013-03-12 (PCT/US2013/030626)
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[30] US (61/609,852) 2012-03-12

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[25] FR
[54] **PASSIVE SHUTDOWN SEALING DEVICE FOR A SEALING SYSTEM FOR SHAFT JOINTS INA PRIMARY MOTOR PUMP GROUP**
[54] **DISPOSITIF D'ETANCHEITE A L'ARRET PASSIF POUR SYSTEME DE JOINTS D'ARBRE D'UN GROUPE MOTOPOMPE PRIMAIRE.**
[72] THUILLIER, ROMAIN, FR
[73] AREVA NP,
[85] 2014-07-30
[86] 2013-01-31 (PCT/EP2013/051928)
[87] (WO2013/113827)
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[51] **Int.Cl. B63H 5/125 (2006.01) B63B 35/08 (2006.01)**
[25] EN
[54] **A PROPULSOR ARRANGEMENT FOR A MARINE VESSEL AND A MARINE VESSEL CONSTRUCTED WITH THIS TYPE OF PROPULSOR ARRANGEMENT**
[54] **AMENAGEMENT DE PROPULSEURS POUR NAVIRE, ET NAVIRE CONSTRUIT AVEC CE TYPE D'AMENAGEMENT DE PROPULSEURS**
[72] HENRIKSEN, THOMAS, SE
[73] KONGSBERG MARITIME SWEDEN AB,
[85] 2014-08-06
[86] 2013-02-07 (PCT/SE2013/050102)
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[51] **Int.Cl. C07K 16/28 (2006.01)**
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[54] **PROLONGED HALF-LIFE ALBUMIN-BINDING PROTEIN FUSED BISPECIFIC ANTIBODIES**
[54] **ANTICORPS BISPECIFIQUES A PROTEINE FUSIONNEE LIANT L'ALBUMINE PRESENTANTUNE DEMI-VIE PROLONGEE**
[72] KUFER, PETER, DE
[72] RAUM, TOBIAS, DE
[72] LUTTERBUESE, RALF, DE
[72] HOFFMANN, PATRICK, DE
[72] MUENZ, MARKUS, DE
[72] BROZY, JOHANNES, DE
[72] KVESIC, MAJK, DE
[73] AMGEN RESEARCH (MUNICH) GMBH,
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[25] EN
[54] **AIR CONDITIONER**
[54] **CLIMATISEUR**
[72] ARIGA, TOHRU, JP
[73] SHARP KABUSHIKI KAISHA,
[85] 2014-08-20
[86] 2013-06-04 (PCT/JP2013/065484)
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[51] **Int.Cl. F24F 13/20 (2006.01)**
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[54] **VENT COVER**
[54] **COUVERCLE D'EVENT**
[72] VANDEN BOSCH, KALVIN K., US
[73] P-TEC PRODUCTS, INC.,
[86] (2866072)
[87] (2866072)
[22] 2014-10-06
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[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/12 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **NON-HYDRAULIC FRACTURING SYSTEMS, METHODS, AND PROCESSES**
[54] **SYSTEMES, PROCEDES ET PROCESSUS DE FRACTURATION NON HYDRAULIQUES**
[72] VANDOR, DAVID, US
[73] EXPANSION ENERGY, LLC,
[85] 2014-07-22
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[51] **Int.Cl. D21H 11/14 (2006.01) D21H 11/12 (2006.01) D21J 1/00 (2006.01)**
[25] EN
[54] **FIBROUS MATERIAL COMPOSITION**
[54] **COMPOSITION DE MATIERE FIBREUSE**
[72] D'AGNONE, UWE, DE
[73] D'AGNONE, UWE,
[85] 2014-09-11
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[54] **SPIKER ROLLER**
[54] **ROULEAU A CRAMPONS**
[72] DUFTY, RAYMOND JEFFREY, AU
[73] TRU-TURF PTY LTD,
[85] 2014-09-12
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[51] **Int.Cl. B27L 11/00 (2006.01) B02C 19/00 (2006.01)**
[25] EN
[54] **SAFETY AND CONTROL DEVICE, SYSTEM, AND METHOD THEREOF FOR A WASTE PROCESSING SYSTEM**
[54] **DISPOSITIF DE SECURITE ET DE COMMANDE, SYSTEME ET PROCEDE ASSOCIES POUR UN SYSTEME DE TRAITEMENT DES DECHETS**
[72] KENNEDY, RICHARD S., US
[73] BANDIT INDUSTRIES, INC.,
[85] 2014-09-12
[86] 2013-03-13 (PCT/US2013/030946)
[87] (WO2013/138480)
[30] US (61/610,279) 2012-03-13

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[51] **Int.Cl. A63G 21/10 (2006.01) A63G 21/14 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **AMUSEMENT AND LEISURE SLIDE**
[54] **TOBOGGAN DE LOISIR ET DE JEU**
[72] FISCHER, JEAN-FRANCOIS, CH
[73] FISCHER DESIGN-CONCEPTS SARL,
[85] 2014-09-16
[86] 2013-03-26 (PCT/EP2013/056354)
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[25] EN
[54] **RIGHTING DEVICE FOR A WATER VESSEL**
[54] **DISPOSITIF DE REDRESSEMENT DESTINE A UN NAVIRE**
[72] HILBERT, PHILIP, GB
[72] KERFOOT, BEN, GB
[72] PHILLIPS, ANDY, GB
[72] CHADWICK, CHRIS, GB
[73] MARINE SPECIALISED TECHNOLOGY LIMITED,
[85] 2014-09-19
[86] 2013-04-03 (PCT/GB2013/050874)
[87] (WO2013/153363)
[30] GB (1206319.4) 2012-04-10

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[13] C
[51] **Int.Cl. B63B 17/04 (2006.01) B63B 27/25 (2006.01)**
[25] EN
[54] **A RAIL SYSTEM OF AN OIL SUPPLY SHIP, A METHOD OF POSITIONING AND ARRESTING A HOSE, AND AN OIL SUPPLY SHIP**
[54] **SYSTEME DE LISSE D'UN NAVIRE DE TRANSPORT DE PETROLE, PROCEDE DE POSITIONNEMENT ET D'ARRET D'UN TUYAU, ET NAVIRE DE TRANSPORT DE PETROLE**
[72] JUSTINUSSEN, TUMMAS, FO
[72] RASMUSSEN, JENS MEINHARD, FO
[73] SP/F 18.10.11,
[85] 2014-09-22
[86] 2013-04-11 (PCT/EP2013/057581)
[87] (WO2013/153154)
[30] EP (12164103.9) 2012-04-13

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[13] C
[51] **Int.Cl. A47G 9/10 (2006.01) A47C 27/00 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE PILLOW**
[54] **OREILLER PERSONNALISABLE**
[72] WOOTTEN, GERALD E., JR., US
[73] HOMTEX, INC.,
[85] 2014-10-03
[86] 2013-04-04 (PCT/US2013/035339)
[87] (WO2013/152237)
[30] US (61/620,067) 2012-04-04
[30] US (13/857,115) 2013-04-04

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[13] C
[51] **Int.Cl. A61G 5/00 (2006.01) B65G 15/00 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSFERRING PATIENTS**
[54] **SYSTEME ET PROCEDE DE TRANSFERT DE PATIENTS**
[72] WHITE, TY A., US
[72] EMERSON, AARON J., US
[73] CEGA INNOVATIONS, LLC,
[85] 2014-10-07
[86] 2013-04-16 (PCT/US2013/036830)
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[30] US (61/624,527) 2012-04-16
[30] US (13/626,457) 2012-09-25

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[13] C
[51] **Int.Cl. B01F 3/00 (2006.01) B01F 15/00 (2006.01) F15D 1/14 (2006.01)**
[25] EN
[54] **A FLOW DISTRIBUTOR**
[54] **DISTRIBUTEUR DE COURANT**
[72] DOIG, SCOTT GORDON, AU
[73] PROCESS DEVELOPMENT CENTRE PTY LTD,
[85] 2014-10-10
[86] 2013-03-14 (PCT/AU2013/000250)
[87] (WO2013/152384)
[30] AU (2012202150) 2012-04-13

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[13] C
[51] **Int.Cl. H04N 19/58 (2014.01) H04N 19/463 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING REFERENCE PICTURE SET OF IMAGE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DEFINIR UN ENSEMBLE D'IMAGES DE REFERENCE POUR UNE IMAGE**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2014-10-16
[86] 2013-04-16 (PCT/KR2013/003181)
[87] (WO2013/157814)
[30] US (61/624,468) 2012-04-16

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[13] C
[51] **Int.Cl. B29C 70/30 (2006.01)**
[25] EN
[54] **COMPOSITE ARTICLE AND METHODS THEREFOR**
[54] **OBJET COMPOSITE ET PROCEDES ASSOCIES**
[72] XIE, MING, US
[72] VERMILYEA, MARK ERNEST, US
[72] KIRKPATRICK, BOWDEN, US
[72] BOYER, MITCHELL HAROLD, US
[72] SCHULTE, ELLIOTT KELLER, US
[72] FERRELL, BENJAMIN, US
[73] GENERAL ELECTRIC COMPANY,
[85] 2014-10-16
[86] 2013-04-18 (PCT/US2013/037095)
[87] (WO2013/162989)
[30] US (61/639,900) 2012-04-28
[30] US (13/687,117) 2012-11-28

[11] **2,871,317**
[13] C
[51] **Int.Cl. A61K 36/40 (2006.01) A23K 10/30 (2016.01) A23K 20/10 (2016.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **ANTI-OXIDANT PROPERTIES OF CORNUS SERICEA**
[54] **PROPRIETES ANTIOXYDANTES DE CORNUS SERICEA**
[72] SCALES, ROBERT, CA
[73] RED DOG ENTERPRISES LTD.,
[85] 2014-10-23
[86] 2013-04-22 (PCT/CA2013/050312)
[87] (WO2013/159226)
[30] US (61/638,140) 2012-04-25

[11] **2,872,492**
[13] C
[51] **Int.Cl. H01Q 1/24 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ANTENNA DEVICE FOR PORTABLE TERMINAL**
[54] **DISPOSITIF D'ANTENNE POUR TERMINAL PORTATIF**
[72] CHO, BUM-JIN, KR
[72] KIM, GYU-SUB, KR
[72] BYUN, JOON-HO, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2014-11-03
[86] 2012-09-11 (PCT/KR2012/007281)
[87] (WO2013/180341)
[30] KR (10-2012-0056451) 2012-05-29

[11] **2,873,880**
[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 19/00 (2006.01) A61M 5/178 (2006.01)**
[25] EN
[54] **DRUG INFUSION WITH PRESSURE SENSING AND NON-CONTINUOUS FLOW FOR IDENTIFICATION OF AND INJECTION INTO FLUID-FILLED ANATOMIC SPACES**
[54] **PERFUSION DE MEDICAMENT A DETECTION DE PRESSION ET ECOULEMENT NON CONTINU AVEC UNE IDENTIFICATION ET UNE INJECTION DANS DES ESPACES ANATOMIQUES REMPLIS DE FLUIDE**
[72] HOCHMAN, MARK N., US
[73] MILESTONE SCIENTIFIC, INC.,
[85] 2014-11-17
[86] 2013-06-11 (PCT/US2013/045142)
[87] (WO2014/007949)
[30] US (13/540,880) 2012-07-03

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[13] C
[51] **Int.Cl. G12B 13/00 (2006.01) G01P 21/00 (2006.01)**
[25] EN
[54] **CALIBRATION SYSTEM FOR SIMULTANEOUS CALIBRATION OF MULTIPLE MOTION CAPTURE ELEMENTS**
[54] **SYSTEME DE CALIBRAGE PERMETTANT UN CALIBRAGE SIMULTANE DE MULTIPLES ELEMENTS DE CAPTURE DE MOUVEMENT**
[72] BENTLEY, MICHAEL, US
[72] BOSE, BHASKAR, US
[73] BLAST MOTION INC.,
[85] 2014-12-02
[86] 2013-04-29 (PCT/US2013/038694)
[87] (WO2013/163656)
[30] US (13/459,059) 2012-04-27

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[13] C
[51] **Int.Cl. H01H 13/04 (2006.01) H01H 33/662 (2006.01)**
[25] EN
[54] **MEDIUM OR HIGH VOLTAGE SWITCH BUSHING**
[54] **TRAVERSEE DE COMMUTATEUR MOYENNE OU HAUTE TENSION**
[72] GEROVAC, JOSEPH P., US
[72] TRASKA, ROBERT A., US
[73] HUBBELL INCORPORATED,
[85] 2014-12-09
[86] 2012-06-12 (PCT/US2012/042077)
[87] (WO2013/187886)

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[13] C
[51] **Int.Cl. C07D 491/02 (2006.01) A61K 31/4188 (2006.01) A61K 35/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **BIFLUORODIOXALANE-AMINO-BENZIMIDAZOLE KINASE INHIBITORS FOR THE TREATMENT OF CANCER, AUTOIMMUNEINFLAMMATION AND CNS DISORDERS**
[54] **INHIBITEURS DE KINASE DIFLUORODIOXALANE-AMINOBENZIMIDAZOLE POUR LE TRAITEMENT D'UN CANCER, D'UNE INFLAMMATION AUTO-IMMUNE ET DE TROUBLES DU SNC**
[72] LEBAN, JOHANN, AT
[72] ZAJA, MIRKO, DE
[73] 4SC AG,
[85] 2014-12-22
[86] 2013-06-27 (PCT/EP2013/063537)
[87] (WO2014/001464)
[30] US (61/664,936) 2012-06-27
[30] EP (12174669.7) 2012-07-02

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[13] C
[51] **Int.Cl. A61M 25/00 (2006.01) A61J 1/06 (2006.01) A61M 5/28 (2006.01) A61M 5/36 (2006.01) A61M 39/24 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **SINGLE USE DELIVERY DEVICE HAVING PRIMER ELEMENT**
[54] **DISPOSITIF DE DISTRIBUTION A USAGE UNIQUE AYANT UN ELEMENT D'AMORCAGE**
[72] FERRERI, SUZANNE, US
[72] MANKE, DARRIN, US
[72] KENNEDY, JAMES, US
[72] CARLSON, MORGAN, US
[73] BECTON, DICKINSON AND COMPANY,
[85] 2014-12-22
[86] 2013-06-26 (PCT/US2013/047874)
[87] (WO2014/022030)
[30] US (61/664,456) 2012-06-26
[30] US (13/925,213) 2013-06-24

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[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING OPERATION OF AN LED-BASED LIGHT**
[54] **SYSTEME ET PROCEDE DE COMMANDE DU FONCTIONNEMENT D'UNE LUMIERE A DEL**
[72] IVEY, JOHN, US
[72] SIMON, DAVID L., US
[72] NGO, HOAN, US
[72] NORTON, ANTHONY J., US
[72] NICKOL, BRIAN M., US
[73] ILUMISYS, INC.,
[85] 2015-01-06
[86] 2013-07-05 (PCT/US2013/049427)
[87] (WO2014/011497)
[30] US (61/669,319) 2012-07-09
[30] US (13/934,607) 2013-07-03

[11] **2,878,857**
[13] C
[51] **Int.Cl. B66F 3/10 (2006.01) B60S 9/00 (2006.01) B66F 7/14 (2006.01)**
[25] EN
[54] **JACKING DEVICE**
[54] **DISPOSITIF DE LEVAGE**
[72] POKE, TONY FRANCIS, AU
[73] TFP ENGINEERING PTY LIMITED,
[85] 2015-01-12
[86] 2013-07-19 (PCT/AU2013/000802)
[87] (WO2014/012148)
[30] AU (2012903111) 2012-07-20

[11] **2,879,936**
[13] C
[51] **Int.Cl. B60B 9/12 (2006.01)**
[25] EN
[54] **ELASTIC WHEEL FOR RAILWAY VEHICLES**
[54] **ROUE ELASTIQUE POUR VEHICULES FERROVIAIRES**
[72] LANDABEREA RODRIGUEZ, JOSE AITOR, ES
[72] IARTZA ZUBIRIA, JON, ES
[72] IRIZAR IZAGUIRRE, IKER, ES
[72] IZTUETA ARAKAMA, HARITZ, ES
[73] CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A.,
[85] 2015-01-23
[86] 2013-07-16 (PCT/ES2013/070513)
[87] (WO2014/020203)
[30] ES (P201231225) 2012-07-30

[11] **2,880,158**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR THE PREPARATION OF BEVERAGES**
[54] **CAPSULE POUR LA PREPARATION DE BOISSONS**
[72] ZANETTI, FABRIZIO, IT
[73] HAUSBRANDT TRIESTE 1892 SPA,
[85] 2015-01-27
[86] 2013-07-24 (PCT/IB2013/056058)
[87] (WO2014/020491)
[30] IT (TV2012A000146) 2012-07-30

[11] **2,882,524**
[13] C
[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING COMPOSITE STRUCTURES AND CONSUMABLE ASSEMBLY THEREFOR**
[54] **PROCEDE DE PREPARATION DE STRUCTURES COMPOSITES ET ENSEMBLE CONSOMMABLE ASSOCIE**
[72] CHARBONNEAU, ALAIN, CA
[72] FERLAND, JEROME, CA
[72] THERIEN, ROYAL, CA
[72] ANDRE, JACQUES, CA
[72] URBIOLA, JOSE ALBERTO, MX
[73] BOMBARDIER INC.,
[85] 2015-02-19
[86] 2012-08-23 (PCT/IB2012/054270)
[87] (WO2014/030036)

[11] **2,882,536**
[13] C
[51] **Int.Cl. A41B 9/00 (2006.01) A41C 1/00 (2006.01) A41D 13/05 (2006.01)**
[25] EN
[54] **TEXTILE THIGH PROTECTOR**
[54] **PROTECTEUR DE CUISSE TEXTILE**
[72] ABRAMOFF, RENA, US
[72] ABASOVA, GULNARA, US
[73] FREOLLA LLC,
[85] 2015-02-19
[86] 2013-08-28 (PCT/US2013/056932)
[87] (WO2014/039338)
[30] US (61/697,896) 2012-09-07

[11] **2,883,538**
[13] C
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/28 (2006.01) C22C 38/50 (2006.01)**
[25] FR
[54] **FERRITIC STAINLESS STEEL SHEET, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SAME, ESPECIALLY IN EXHAUST LINES**
[54] **TOLE D'ACIER INOXYDABLE FERRITIQUE, SON PROCEDE DE FABRICATION, ET SON UTILISATION, NOTAMMENT DANS DES LIGNES D'ECHAPPEMENT**
[72] SANTACREU, PIERRE-OLIVIER, FR
[72] MIRAVAL, CLAUDINE, FR
[72] SAEDLOU, SAGHI, FR
[73] APERAM STAINLESS FRANCE,
[85] 2015-03-02
[86] 2012-09-03 (PCT/FR2012/051969)
[87] (WO2014/033372)

[11] **2,884,280**
[13] C
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/2343 (2011.01) H04N 19/136 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO CODING**
[54] **PARAMETRES DE DECODEUR DE REFERENCE HYPOTHETIQUE DANS UN CODAGE VIDEO**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED,
[85] 2015-03-06
[86] 2013-09-18 (PCT/US2013/060412)
[87] (WO2014/047183)
[30] US (61/705,102) 2012-09-24
[30] US (13/918,041) 2013-06-14

[11] **2,884,556**
[13] C
[51] **Int.Cl. F16J 15/22 (2006.01) F02C 7/28 (2006.01)**
[25] FR
[54] **BRUSH-TYPE CIRCULAR SEAL**
[54] **JOINT CIRCULAIRE D'ETANCHEITE A BROSSE**
[72] GUIMET, LAURENT, FR
[72] SAUVINET, FREDERIC, FR
[72] CONSTANT, OLIVIER, FR
[72] REYNAUD, PHILIPPE, FR
[72] MENGELLE, CHRISTOPHE, FR
[72] LEFRANCOIS, MICHEL, FR
[73] TECHNETICS GROUP FRANCE SAS,
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES,
[85] 2015-03-06
[86] 2013-09-09 (PCT/EP2013/068547)
[87] (WO2014/037547)
[30] FR (12 58474) 2012-09-10

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[11] **2,887,299**
[13] C
[51] **Int.Cl. C07C 7/04 (2006.01) B01J 19/24 (2006.01) C07C 11/167 (2006.01)**
[25] EN
[54] **FLEXIBLE BUTADIENE EXTRACTION PROCESS**
[54] **PROCEDE SOUPLE D'EXTRACTION DE BUTADIENE**
[72] BRUMMER, ROBERT JOHN, US
[72] DWYER, THOMAS ALEXANDER, US
[73] LUMMUS TECHNOLOGY INC.,
[85] 2015-04-09
[86] 2013-09-19 (PCT/US2013/060519)
[87] (WO2014/058585)
[30] US (61/711,540) 2012-10-09

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[11] **2,888,670**
[13] C
[51] **Int.Cl. F16C 23/04 (2006.01) F16C 33/18 (2006.01) F16C 33/20 (2006.01) F16C 33/28 (2006.01) B29C 70/86 (2006.01)**
[25] FR
[54] **SELF-LUBRICATING JOINT ASSEMBLY OPERATING UNDER HEAVY LOADS IN A DYNAMICREGIME**
[54] **ENSEMBLE D'ARTICULATION AUTOLUBRIFIANT FONCTIONNANT SOUS FORTES CHARGES EN REGIME DYNAMIQUE**
[72] MASSE, EMMANUEL, FR
[72] BLANDENET, OLIVIER, FR
[72] MAURIN-PERRIER, PHILIPPE, FR
[73] H.E.F.,
[85] 2015-04-17
[86] 2013-10-15 (PCT/FR2013/052458)
[87] (WO2014/064366)
[30] FR (1260031) 2012-10-22

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[11] **2,889,014**
[13] C
[51] **Int.Cl. C22B 1/00 (2006.01)**
[25] EN
[54] **IRON ORE CONCENTRATION PROCESS WITH GRINDING CIRCUIT, DRY DESLIMING AND DRY OR MIXED (DRY AND WET) CONCENTRATION**
[54] **PROCEDE DE CONCENTRATION DE MINERAI DE FER AVEC UN CIRCUIT DE CONCASSAGE, DESCHLAMMAGE A SEC ET CONCENTRATION SECHE OU MIXTE (SECHE ET HUMIDE)**
[72] DONDA, JOAQUIM DONIZETTI, BR
[73] VALE S.A.,
[85] 2015-04-22
[86] 2013-10-11 (PCT/BR2013/000411)
[87] (WO2014/063211)
[30] US (61/719,143) 2012-10-26

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[11] **2,889,057**
[13] C
[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/07 (2013.01)**
[25] EN
[54] **IMPROVED VENOUS ENDOLUMINAL DEVICE FOR THE TREATMENT OF DEFECTS OF THE VEINS**
[54] **DISPOSITIF ENDOLUMINAL VEINEUX AMELIORE POUR LE TRAITEMENT DE DEFAUTS DES VEINES**
[72] VEROUX, PIERFRANCESCO, IT
[73] VEROUX, PIERFRANCESCO,
[85] 2015-04-22
[86] 2013-07-31 (PCT/IB2013/056283)
[87] (WO2014/068412)
[30] IT (BS2012A000154) 2012-10-30
[30] IT (BS2013A000080) 2013-05-30

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[13] C
[51] **Int.Cl. G02B 27/00 (2006.01) G02B 5/18 (2006.01) G02B 27/22 (2018.01)**
[25] EN
[54] **AUTO-STEREOSCOPIC AUGMENTED REALITY DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE AUTO-STEREOSCOPIQUE A REALITE AUGMENTEE**
[72] ROBBINS, STEVEN JOHN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
[85] 2015-04-24
[86] 2013-12-20 (PCT/US2013/076832)
[87] (WO2014/100549)
[30] US (13/722,917) 2012-12-20

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[13] C
[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/12 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTING AND VISUALIZING DRILLING EVENTS**
[54] **SYSTEME ET PROCEDE DE PREDICTION ET DE VISUALISATION D'EVENEMENTS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[72] REDDY, UMESH N., US
[73] LANDMARK GRAPHICS CORPORATION,
[85] 2015-05-15
[86] 2013-01-03 (PCT/US2013/020064)
[87] (WO2014/107149)

[11] **2,892,577**
[13] C
[51] **Int.Cl. G01C 5/04 (2006.01) G01C 9/22 (2006.01)**
[25] FR
[54] **LONG BASE INCLINOMETER WITH OPTICAL MEASUREMENT**
[54] **INCLINOMETRE LONGUE BASE A MESURE OPTIQUE**
[72] BOUDIN, FREDERICK, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE,
[73] UNIVERSITE DE MONTPELLIER,
[85] 2015-05-25
[86] 2013-12-02 (PCT/EP2013/075284)
[87] (WO2014/083207)
[30] FR (1261528) 2012-11-30

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[11] **2,892,941**
[13] C
[51] **Int.Cl. G06Q 20/12 (2012.01) G06K 19/06 (2006.01)**
[25] EN
[54] **MULTI-DIMENSIONAL CODE TRANSLATION**
[54] **TRADUCTION DE CODE PLURIDIMENSIONNEL**
[72] SELLERS, CHRISTOPHER, US
[72] OSBORNE, JOHN, US
[72] RUSSELL, DAVID, US
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2015-05-27
[86] 2013-11-27 (PCT/US2013/072398)
[87] (WO2014/085700)
[30] US (61/732,222) 2012-11-30

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[13] C
[51] **Int.Cl. A45F 3/02 (2006.01)**
[25] EN
[54] **LATCH AND CARRY DETACHABLE MESSENGER BAG AND SHOULDER STRAP ASSEMBLY FOR PERSONAL ELECTRONIC DEVICES**
[54] **ENSEMBLE SAC DE MESSAGER ET COURROIE D'EPAULE DETACHABLE DE VERROUILLAGE ET DE TRANSPORT POUR DES DISPOSITIFS ELECTRONIQUES PERSONNELS**
[72] HAMRA, ANDREW, US
[73] HAMRA, ANDREW,
[85] 2015-05-27
[86] 2013-12-16 (PCT/US2013/075507)
[87] (WO2014/093989)
[30] US (61/737,331) 2012-12-14
[30] US (14/108,289) 2013-12-16

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[13] C
[51] **Int.Cl. G01B 11/06 (2006.01) G01N 21/55 (2014.01) G01N 21/84 (2006.01) G02B 7/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING A REFLECTION MEASUREMENT ON AN EYEGLASS**
[54] **APPAREIL ET PROCEDE DE REALISATION DE MESURE DE REFLEXION SUR DES LUNETTES**
[72] POPHILLAT, OLIVIER, FR
[72] GUEU, STEPHANE, FR
[73] ESSILOR INTERNATIONAL,
[85] 2015-06-01
[86] 2012-12-04 (PCT/IB2012/003011)
[87] (WO2014/087189)

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[13] C
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 7/04 (2006.01) E21B 47/024 (2006.01)**
[25] EN
[54] **DOWNHOLE PROBES AND SYSTEMS**
[54] **SONDES DE FOND DE TROU ET SYSTEMES**
[72] LOGAN, AARON W., CA
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[73] EVOLUTION ENGINEERING INC.,
[85] 2015-06-01
[86] 2013-12-18 (PCT/CA2013/050986)
[87] (WO2014/094163)
[30] US (61/739,592) 2012-12-19

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[13] C
[51] **Int.Cl. C07K 7/16 (2006.01)**
[25] EN
[54] **PEPTIDES AS OXYTOCIN AGONISTS**
[54] **PEPTIDES EN TANT QU'AGONISTES DE L'OXYTOCINE**
[72] BISSANTZ, CATERINA, FR
[72] BLEICHER, KONRAD, DE
[72] GRUNDSCHOBER, CHRISTOPHE, CH
[73] F. HOFFMANN-LA ROCHE AG,
[85] 2015-06-15
[86] 2013-12-17 (PCT/EP2013/076783)
[87] (WO2014/095773)
[30] EP (12199012.1) 2012-12-21

[11] **2,895,574**
[13] C
[51] **Int.Cl. A61K 31/197 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **USE OF 3-CARBOXY-N-ETHYL-N,N-DIMETHYLPROPAN-1-AMINIUM OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF IN THE TREATMENT OF ATHEROSCLEROSIS**
[54] **UTILISATION DU 3-CARBOXY-N-ETHYL-N,N-DIMETHYLPROPAN-1-AMINIUM OU D'UN SEL PHARMACEUTIQUEMENT ACCEPTABLE POUR LE TRAITEMENT DE L'ATHEROSCLEROSE**
[72] KALVINS, IVARS, LV
[72] VILSKERSTS, REINIS, LV
[72] PUGOVICS, OSVALDS, LV
[72] DAMBROVA, MAIJA, LV
[72] STONANS, ILMARS, LV
[72] KUKA, JANIS, LV
[72] LIEPINS, EDGARS, LV
[72] LOZA, EINARS, LV
[72] ANDRIANOVS, VIKTORS, LV
[72] GRINBERGA, SOLVEIGA, LV
[72] GUSTINA, DAINA, LV
[72] LOLA, DAINA, LV
[72] MAKRECKA, MARINA, LV
[73] GRINDEKS, A JOINT STOCK COMPANY,
[85] 2015-06-18
[86] 2013-12-19 (PCT/EP2013/077291)
[87] (WO2014/096133)
[30] EP (12198627.7) 2012-12-20

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[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **INTENT PREDICTION BASED RECOMMENDATION SYSTEM**
[54] **SYSTEME DE RECOMMANDATION REPOSANT SUR LA PREDICTION D'INTENTION**
[72] VIJAYARAGHAVAN, RAVI, IN
[72] KULKARNI, SUBHASH RAMCHANDRA, IN
[72] ADUSUMILLI, KRANTHI MITRA, IN
[73] [24]7.AI, INC.,
[85] 2015-07-10
[86] 2014-01-14 (PCT/US2014/011509)
[87] (WO2014/113396)
[30] US (61/754,300) 2013-01-18
[30] US (14/154,120) 2014-01-13

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[11] **2,900,498**
[13] C
[51] **Int.Cl. G06F 16/25 (2019.01) G06F 16/24 (2019.01)**
[25] EN
[54] **HIVE TABLE LINKS**
[54] **TABLES DE LIENS HIVE**
[72] JAIN, NAMIT, US
[72] MURTHY, RAGHOTHAM SATHYANARAYANA, US
[72] MUTHUKRISHNAN, SAMBAVI, US
[72] MANDHANI, BHUSHAN, US
[73] FACEBOOK, INC.,
[85] 2015-08-06
[86] 2014-01-17 (PCT/US2014/012123)
[87] (WO2014/126678)
[30] US (13/766,512) 2013-02-13

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[13] C
[51] **Int.Cl. H02B 1/056 (2006.01) H01R 31/06 (2006.01)**
[25] EN
[54] **ADAPTER SYSTEM FOR PLUG-ON NEUTRAL LOAD CENTER**
[54] **SYSTEME ADAPTATEUR POUR CENTRE DE CHARGE A NEUTRE ENFICHABLE**
[72] PEARSON, DAVE, US
[73] SCHNEIDER ELECTRIC USA, INC.,
[85] 2015-08-11
[86] 2013-02-28 (PCT/US2013/028226)
[87] (WO2014/133519)

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[11] **2,901,389**
[13] C
[51] **Int.Cl. F41B 5/00 (2006.01) F41B 3/02 (2006.01) F41B 5/14 (2006.01)**
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[54] **TOY BOW AND ARROW SYSTEM WITH UV LIGHT SHIELDING**
[54] **ENSEMBLE ARC ET FLECHE JOUET AVEC PROTECTION CONTRE LA LUMIERE ULTRAVIOLETTE**
[72] CUMMINGS, PETER, CN
[73] KMA CONCEPTS LIMITED,
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[25] EN
[54] **HETERODIMERIC BISPECIFIC ANTIBODIES**
[54] **ANTICORPS HETERODIMERES BISPECIFIQUES**
[72] YAN, WEI, US
[72] PENTONY, MARTIN J., US
[72] BORGES, LUIS G., US
[72] MICHAELS, MARK L., US
[73] AMGEN INC.,
[85] 2015-08-31
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[54] **PERSONALITY-BASED DEVICE**
[54] **DISPOSITIF BASE SUR LA PERSONNALITE**
[72] TEEGAN, HUGH A., US
[72] BADGER, ERIC N., US
[72] LINERUD, DREW E., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
[86] (2903536)
[87] (2903536)
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[25] EN
[54] **IDENTIFICATION OF PROTECTIVE ANTIGENIC DETERMINANTS OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS AND USES THEREOF**
[54] **IDENTIFICATION DE DETERMINANTS ANTIGENIQUES PROTECTEURS DU VIRUS DU SYNDROME REPRODUCTIF ET RESPIRATOIRE PORCIN ET LEURS UTILISATIONS**
[72] HARRIS, DELBERT LINN, US
[72] ERDMAN, MATTHEW M., US
[73] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.,
[86] (2903542)
[87] (2903542)
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[25] EN
[54] **RESIN COMPOSITION, FRICTION MATERIAL, AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITION DE RESINE, MATERIAU DE FRICTION ET PROCEDE POUR LES PRODUIRE**
[72] DAIMON, EMIKO, JP
[72] NOMOTO, TAKUYA, JP
[73] OTSUKA CHEMICAL CO., LTD.,
[85] 2015-09-04
[86] 2014-03-12 (PCT/JP2014/056502)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR USE IN OIL AND/OR GAS WELLS**
[54] **METHODES ET COMPOSITIONS DESTINEES AUX PUITS DE PETROLE ET DE GAZ**
[72] HILL, RANDAL M., US
[72] SOEUNG, MELINDA, US
[72] GONZALES-ROLDAN, MONICA, US
[73] FLOTEK CHEMISTRY, LLC,
[86] (2904735)
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[22] 2015-09-17
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[25] EN
[54] **NUTRITIONAL SUPPLEMENT TARGETING MEIBOMIAN GLANDS**
[54] **SUPPLEMENTS NUTRITIONNELS CIBLANT LES GLANDES DE MEIBOMIUS**
[72] SMITH, S. GREGORY, US
[72] GROSS, MICHAEL B., US
[72] SANDNES, OLAY E., US
[73] PHYSICIANS RECOMMENDED NUTRICEUTICALS, LLC,
[85] 2015-09-09
[86] 2014-02-05 (PCT/US2014/014937)
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[25] EN
[54] **DISEASE DIAGNOSTIC APPARATUS, IMAGE PROCESSING METHOD IN THE SAME APPARATUS, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **APPAREIL DE DIAGNOSTIC DE MALADIE, METHODE DE TRAITEMENT D'IMAGE DANS LEDIT APPAREIL ET PROGRAMME DE STOCKAGE SUR SUPPORT ASSOCIE A LADITE METHODE**
[72] NAKAJIMA, MITSUYASU, JP
[73] CASIO COMPUTER CO., LTD.,
[86] (2905163)
[87] (2905163)
[22] 2015-09-24
[30] JP (2014-227528) 2014-11-07
[30] JP (2014-227530) 2014-11-07

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[25] EN
[54] **DISEASE DIAGNOSTIC APPARATUS, IMAGE PROCESSING METHOD IN THE SAME APPARATUS, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **APPAREIL DE DIAGNOSTIC DE MALADIE, METHODE DE TRAITEMENT D'IMAGE DANS LEDIT APPAREIL ET PROGRAMME DE STOCKAGE SUR SUPPORT ASSOCIE A LADITE METHODE**
[72] HAMADA, AKIRA, JP
[72] NAKAJIMA, MITSUYASU, JP
[72] TANAKA, MASARU, JP
[72] SATO, TOSHITSUGU, JP
[73] CASIO COMPUTER CO., LTD.,
[86] (2905164)
[87] (2905164)
[22] 2015-09-24
[30] JP (2014-227526) 2014-11-07

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[25] EN
[54] **TEMPORARY VALVE AND VALVE-FILTER**
[54] **VALVE ET FILTRE DE VALVE TEMPORAIRE**
[72] RICHTER, YORAM, IL
[72] WEISZ, ETY, IL
[72] SCHWARZ, BOAZ, IL
[73] VALVE MEDICAL LTD.,
[85] 2015-09-14
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[25] EN
[54] **DATA TOKENIZATION IN AN INTERMEDIARY NODE**
[54] **TOKENISATION DE DONNEES DANS UN NOEUD INTERMEDIAIRE**
[72] BOUKOBZA, ERIC, IL
[73] INFORMATICA LLC,
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/027896)
[87] (WO2014/143786)
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[54] **EFFICIENTLY PERFORMING OPERATIONS ON DISTINCT DATA VALUES**
[54] **PROCEDE, APPAREIL ET SUPPORT LISIBLE PAR ORDINATEUR D'EXECUTION EFFICACE D'OPERATIONS SUR DES VALEURS DE DONNEES DISTINCTES**
[72] GRONDIN, RICHARD, CA
[72] FADEITCHEV, EVGUENI, CA
[73] INFORMATICA LLC,
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/027907)
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[54] **ATTACHMENT ELEMENT**
[54] **ELEMENT DE FIXATION**
[72] BRUCKBAUER, WOLFGANG, AT
[72] NEUMAYER, JOHANN, AT
[73] SCHNABL STECKTECHNIK GMBH,
[85] 2015-09-23
[86] 2014-04-28 (PCT/AT2014/000094)
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[25] EN
[54] **INJECTABLE CAP**
[54] **COIFFE INJECTABLE**
[72] DOBBIN, RICHARD, GB
[72] LIVERSAGE, DAVID, GB
[73] AIRBUS OPERATIONS LIMITED,
[85] 2015-10-07
[86] 2014-04-16 (PCT/GB2014/051192)
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[25] EN
[54] **SYSTEM USING MAGNETIC COUPLING TO MOVE A CARRIAGE**
[54] **MECANISME EMPLOYANT UN RACCORD MAGNETIQUE POUR DEPLACER UN CHARIOT**
[72] DEMERS, MAXIME, CA
[72] LEBEL, ALEXANDRE, CA
[73] NJM PACKAGING INC.,
[86] (2909571)
[87] (2909571)
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[25] EN
[54] **CATALYST AND ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL USING THE CATALYST**
[54] **CATALYSEUR ET COUCHE DE CATALYSEUR ELECTRODE, ENSEMBLE D'ELECTRODE A MEMBRANE ET PILE A COMBUSTIBLE EMPLOYANT LE CATALYSEUR**
[72] MASHIO, TETSUYA, JP
[72] FURUYA, YOSHIHISA, JP
[72] AKIZUKI, KEN, JP
[72] OHMA, ATSUSHI, JP
[73] NISSAN MOTOR CO., LTD.,
[85] 2015-10-22
[86] 2014-04-14 (PCT/JP2014/060635)
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[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/00 (2006.01) E21B 43/27 (2006.01)**
[25] EN
[54] **DEGRADING WELLBORE FILTERCAKE WITH ACID-PRODUCING MICROORGANISMS**
[54] **DEGRADATION DE GATEAU DE FILTRATION DE PUITS DE FORAGE A L'AIDE DE MICRO-ORGANISMES PRODUISANT DE L'ACIDE**
[72] DANAIT, ACHALA VASUDEV, IN
[72] SALGAONKAR, LALIT PANDURANG, IN
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2015-10-27
[86] 2014-03-24 (PCT/US2014/031558)
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/12 (2006.01)**
[25] EN
[54] **ISOLATION VALVE WITH DEBRIS CONTROL AND FLOW TUBE PROTECTION**
[54] **SOUPAPE DE SECTIONNEMENT MUNIE D'UN CONTROLE DES DEBRIS ET D'UNE PROTECTION DU TUBE D'ECOULEMENT**
[72] MCDOWELL, CHRISTOPHER L., US
[72] NOSKE, JOE, US
[72] SMITH, PAUL L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC,
[86] (2911221)
[87] (2911221)
[22] 2011-07-11
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[25] EN
[54] **OPTIMIZATION AND INDIVIDUALIZATION OF MEDICATION SELECTION AND DOSING**
[54] **OPTIMISATION ET PERSONNALISATION DE SELECTION ET DE DOSAGE DE MEDICAMENTS**
[72] GLAUSER, TRACY A., US
[72] WENSTRUP, RICHARD J., US
[72] VINKS, ALEXANDER A., US
[72] PESTIAN, JOHN, US
[73] CHILDREN'S HOSPITAL MEDICAL CENTER,
[86] (2911569)
[87] (2911569)
[22] 2006-11-28
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[30] US (60/740,430) 2005-11-29
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[51] **Int.Cl. G06F 8/61 (2018.01) G06F 9/451 (2018.01)**
[25] EN
[54] **WEB APPLICATION MANAGEMENT METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE GESTION POUR PROGRAMME D'APPLICATION DE PAGE WEB**
[72] GAO, WENMEI, CN
[72] JING, KE, CN
[72] FAN, SHUNAN, CN
[72] LV, XIAOQIANG, CN
[72] WANG, YAHUI, CN
[73] HUAWEI DEVICE CO., LTD.,
[85] 2015-11-06
[86] 2012-08-29 (PCT/CN2012/080714)
[87] (WO2014/032237)

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[54] **IVF EGG COLLECTION CHAMBER**
[54] **CHAMBRE DE COLLECTE D'□UFS POUR IVF**
[72] HODGSON, ROBERT, GB
[72] MURDOCH, ALISON, GB
[73] LABMAN AUTOMATION LTD,
[73] UNIVERSITY OF NEWCASTLE UPON TYNE,
[73] THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST,
[85] 2015-11-12
[86] 2014-05-30 (PCT/GB2014/051653)
[87] (WO2014/191757)
[30] GB (1309766.2) 2013-05-31

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[25] FR
[54] **METHOD FOR PRODUCING A CHEESE AND CHEESE PRODUCED**
[54] **PROCEDE DE FABRICATION D'UN FROMAGE, ET FROMAGE OBTENU**
[72] LESUR, CELINE, FR
[72] DAVID, FRANCK, FR
[72] SNAPPE, JEAN JACQUES, FR
[73] INGREDIA,
[85] 2015-11-16
[86] 2014-05-21 (PCT/FR2014/051186)
[87] (WO2014/188123)
[30] FR (13 54517) 2013-05-21

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[25] EN
[54] **ULTRASONIC DEVICE FOR DENTAL IMPLANT NAVIGATION**
[54] **DISPOSITIF ULTRASON DESTINE A PARCOURIR UN IMPLANT DENTAIRE**
[72] SLAK, BARTOSZ, CA
[72] STRUMBAN, EMIL, US
[72] MAEV, ROMAN, CA
[73] UNIVERSITY OF WINDSOR,
[86] (2913744)
[87] (2913744)
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[54] **CLEANING STACK GAS**
[54] **COMBUSTION DE CHARBON PROPRE**
[72] DAVIDSON, JAMES GARY, US
[73] 3D CLEAN COAL EMISSIONS STACK, LLC,
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/029570)
[87] (WO2014/144954)
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[51] **Int.Cl. B65G 21/20 (2006.01)**
[25] EN
[54] **SEALING DEVICE FOR A BELT TRANSFER LOCATION**
[54] **SYSTEME D'ETANCHEITE POUR MODULE DE TRANSFERT DE CONVOYEUR**
[72] DUNNWALD, WILFRIED, DE
[73] SCRAPETEC GMBH,
[85] 2015-12-09
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[25] EN
[54] **ALLOCATING CHARGES FOR COMMUNICATIONS SERVICES**
[54] **ATTRIBUER DES FRAIS DE SERVICES DE COMMUNICATION**
[72] BJORSELL, JOHAN EMIL VICTOR, CA
[72] ARAFA, FUAD, CA
[73] VOIP-PAL.COM, INC.,
[86] (2916220)
[87] (2916220)
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[54] **INTEGRAL FINIAL FOR A FAUCET**
[54] **AILETTE INTEGRALE DESTINEE A UN ROBINET**
[72] DEVRIES, ADAM M., US
[73] DELTA FAUCET COMPANY,
[86] (2916367)
[87] (2916367)
[22] 2015-12-29
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[51] **Int.Cl. H02H 3/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **CIRCUIT PROTECTIVE DEVICE FAULT DIAGNOSTIC TRANSLATOR**
[54] **TRADUCTEUR DE DIAGNOSTIC DE DEFAILLANCE DE DISPOSITIF DE PROTECTION DE CIRCUIT**
[72] SCHROEDER, JEREMY D., US
[72] ISAACSON, ROBERT B., US
[72] WATTS, TIMOTHY J., US
[73] SCHNEIDER ELECTRIC USA, INC.,
[85] 2016-01-11
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[25] EN
[54] **EXTERNAL-PERFUSION HOLLOW-FIBER MEMBRANE MODULE AND INKJET PRINTER HAVING SAID MODULE**
[54] **MODULE DE MEMBRANE A FIBRES CREUSES DE PERFUSION EXTERNE ET IMPRIMANTE A JET D'ENCRE DOTEE DUDIT MODULE**
[72] TANIZAKI, YOSHIE, JP
[72] OKAZAKI, HIROYUKI, JP
[73] MITSUBISHI CHEMICAL CORPORATION,
[85] 2016-01-20
[86] 2014-07-23 (PCT/JP2014/069396)
[87] (WO2015/012293)
[30] JP (2013-153865) 2013-07-24
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **GROOVED SWELLABLE PACKER**
[54] **PACKER GONFLABLE RAINURE**
[72] DAVIS, TIM, US
[72] KUTAC, ANDREW, US
[72] GREENAN, IAIN M., US
[72] FRISBY, RAY, US
[73] TAM INTERNATIONAL, INC.,
[85] 2016-01-21
[86] 2014-07-22 (PCT/US2014/047623)
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[30] US (61/857,086) 2013-07-22

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[51] **Int.Cl. B65G 49/00 (2006.01) B60S 3/04 (2006.01) B62D 65/18 (2006.01) B65G 15/12 (2006.01)**
[25] EN
[54] **CONVEYOR ASSEMBLY**
[54] **DISPOSITIF DE TRANSPORTEUR A COURROIE**
[72] STEPHENSON, ROBERT, CA
[72] ADAMS, PAUL, CA
[73] STEPHENSON TECHNOLOGIES INC.,
[86] (2919812)
[87] (2919812)
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[51] **Int.Cl. B65D 88/12 (2006.01)**
[25] EN
[54] **LIQUID CONTAINING DRILL CUTTINGS TRANSPORT VESSEL**
[54] **CONTENANT DE TRANSPORT DE LIQUIDE RENFERMANT DES RESIDUS DE FORAGE**
[72] ROSS, STAN, CA
[72] STEGER, GREGORY, CA
[73] RECOVER ENERGY SERVICES INC.,
[86] (2920093)
[87] (2920093)
[22] 2016-02-05
[30] US (62/120,542) 2015-02-25

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[25] EN
[54] **THREE-DIMENSIONAL VIRTUALIZATION**
[54] **VIRTUALISATION TRIDIMENSIONNELLE**
[72] WEBB, SUNNY M., US
[72] SHORT, MATTHEW THOMAS, US
[72] DOOLEY, ROBERT P., US
[73] ACCENTURE GLOBAL SERVICES LIMITED,
[86] (2921056)
[87] (2921056)
[22] 2016-02-17
[30] US (14/634,274) 2015-02-27

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[51] **Int.Cl. G05B 19/042 (2006.01) A01G 25/16 (2006.01) G05B 19/409 (2006.01) G05B 19/4093 (2006.01)**
[25] EN
[54] **SPRINKLING CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ARROSAGE**
[72] KOHLER, MORITZ, CH
[72] BOLLIGER, PHILIPP, CH
[73] HUSQVARNA AB,
[85] 2016-02-29
[86] 2014-09-03 (PCT/EP2014/068764)
[87] (WO2015/032834)
[30] DE (10 2013 109 784.7) 2013-09-06

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[25] EN
[54] **ORTHODONTIC APPLIANCES FOR CORRECTING TEETH IRREGULARITIES AND FOR RETAINING THE POSITION OF TEETH**
[54] **APPAREILS ORTHODONTIQUES POUR CORRIGER DES IRREGULARITES DENTAIRES ET RETENIR LA POSITION DES DENTS**
[72] PAUL, JEFF, US
[73] PAUL, JEFF,
[85] 2016-03-08
[86] 2014-09-16 (PCT/US2014/055775)
[87] (WO2015/039071)
[30] US (61/878,068) 2013-09-16

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[13] C
[51] **Int.Cl. C07C 231/02 (2006.01) C07C 233/36 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING AMIDOAMINE ALKOXYLATES AND COMPOSITIONS THEREOF**
[54] **PROCEDE DE PREPARATION D'ALCOXYLATES D'AMIDOAMINE ET LEURS COMPOSITIONS**
[72] STERN, ALAN J., US
[72] ELSIK, CURTIS M., US
[73] HUNTSMAN PETROCHEMICAL LLC,
[86] (2925709)
[87] (2925709)
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[62] 2,709,534
[30] US (61/016,187) 2007-12-21

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[51] **Int.Cl. F02G 1/04 (2006.01) F02G 1/06 (2006.01)**
[25] EN
[54] **THERMAL DIFFERENTIAL MACHINE WITH EIGHT CHANGES OF THERMODYNAMIC CYCLE AND PROCESS CONTROL**
[54] **MACHINE DIFFERENTIELLE THERMIQUE OFFRANT HUIT CHANGEMENTS DE CYCLE THERMODYNAMIQUE ET UNE COMMANDE DE PROCESSUS**
[72] IOCKHECK, MARNO, BR
[73] ABX ENERGIA LTDA,
[85] 2016-04-06
[86] 2014-10-16 (PCT/BR2014/000381)
[87] (WO2015/054767)
[30] BR (BR1020130266345) 2013-10-16

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[51] **Int.Cl. E21B 12/02 (2006.01) E21B 10/42 (2006.01)**
[25] EN
[54] **DYNAMIC WEAR PREDICTION FOR FIXED CUTTER DRILL BITS**
[54] **PREDICTION D'USURE DYNAMIQUE POUR TREPANS A ELEMENTS DE COUPE FIXES EN FOND**
[72] DA SILVA, NUNO, BE
[72] SILLEN, VALERIE, BE
[72] REGNARD, STEPHAN, BE
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-04-07
[86] 2013-11-08 (PCT/US2013/069187)
[87] (WO2015/069276)

[11] **2,929,784**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) C07K 16/24 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **TUMOR NECROSIS FACTOR-LIKE LIGAND 1A SPECIFIC ANTIBODIES AND COMPOSITIONS AND USES THEREOF**
[54] **ANTICORPS SPECIFIQUES DU LIGAND 1A DE TYPE FACTEUR DE NECROSE TUMORALE ET COMPOSITIONS AINSI QU'UTILISATIONS ASSOCIEES**
[72] ARCH, ROBERT, US
[72] ZHANG, JUN, CN
[72] MADER, MICHELLE, US
[72] ISHINO, TETSUYA, US
[72] BARD, JOEL, US
[72] FINLAY, WILLIAM, IE
[72] CUNNINGHAM, ORLA, IE
[72] REILLY, CIARA, IL
[72] BRAMS, PETER, US
[72] DEVAUX, BRIGITTE, US
[72] HUANG, HAICHUN, US
[72] HENNING, KARLA, US
[73] PFIZER INC.,
[73] BRISTOL-MYERS SQUIBB COMPANY,
[85] 2016-05-05
[86] 2014-11-12 (PCT/US2014/065293)
[87] (WO2015/073580)
[30] US (61/903,836) 2013-11-13
[30] US (61/912,374) 2013-12-05

[11] **2,930,255**
[13] C
[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/60 (2013.01)**
[25] EN
[54] **IDENTITY POOL BRIDGING FOR MANAGED DIRECTORY SERVICES**
[54] **PONTAGE DE GROUPE D'IDENTITES POUR DES SERVICES DE REPERTOIRE GERE**
[72] RIZZO, THOMAS CHRISTOPHER, US
[72] SHAH, SHON KIRAN, US
[72] RAO, GURUPRAKASH BANGALORE, US
[72] MEHTA, GAURANG PANKAJ, US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2016-05-10
[86] 2014-11-11 (PCT/US2014/065084)
[87] (WO2015/070246)
[30] US (61/902,790) 2013-11-11
[30] US (14/098,298) 2013-12-05

[11] **2,931,408**
[13] C
[51] **Int.Cl. E21B 10/56 (2006.01) E21B 10/46 (2006.01) E21B 10/567 (2006.01)**
[25] EN
[54] **MULTILEVEL FORCE BALANCED DOWNHOLE DRILLING TOOLS INCLUDING CUTTING ELEMENTS IN A TRACK-SET CONFIGURATION**
[54] **OUTILS DE FORAGE DE FOND DE TROU A FORCES EQUILIBREES A NIVEAUX MULTIPLES COMPRENANT DES ELEMENTS DE COUPE DANS UNE CONFIGURATION D'ETABLISSEMENT DE PISTE**
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-05-24
[86] 2013-12-26 (PCT/US2013/077742)
[87] (WO2015/099717)

[11] **2,932,898**
[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/122 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SELECTIVE RESTORATION OF FLUID COMMUNICATION BETWEEN WELLBORE INTERVALS USING DEGRADABLE SUBSTANCES**
[54] **RETABLISSEMENT SELECTIF DE COMMUNICATION FLUIDIQUE ENTRE INTERVALLES DE PUITS DE FORAGE A L'AIDE DE SUBSTANCES DEGRADABLES**
[72] WALTON, ZACHARY W., US
[72] FRIPP, MICHAEL L., US
[72] MURPHREE, ZACHARY R., US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-06-06
[86] 2014-02-14 (PCT/US2014/016528)
[87] (WO2015/122913)

[11] **2,935,200**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **DETERMINING A DELIVERY LOCATION AND TIME BASED ON THE SCHEDULE OR LOCATION OF A CONSIGNEE**
[54] **DETERMINATION D'UN EMPLACEMENT ET D'UNE HEURE DE LIVRAISON SUR LA BASE DE L'EMPLOI DU TEMPS OU DE L'EMPLACEMENT D'UN DESTINATAIRE**
[72] SAGER, JEFFREY CARL, US
[72] GENSBURG, WILLIAM ISIDORE, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC.,
[85] 2016-06-23
[86] 2015-02-16 (PCT/US2015/016025)
[87] (WO2015/123630)
[30] US (61/940,441) 2014-02-16

[11] **2,935,927**
[13] C
[51] **Int.Cl. G10K 11/172 (2006.01)**
[25] EN
[54] **UNDERWATER NOISE ABATEMENT APPARATUS AND DEPLOYMENT SYSTEM**
[54] **APPAREIL DE REDUCTION DES BRUITS SOUS MARINS ET SYSTEME DE DEPLOIEMENT**
[72] WOCHNER, MARK S., US
[72] MCNEESE, ANDREW, US
[72] WILSON, PRESTON, US
[72] LEE, KEVIN, US
[73] WOCHNER, MARK S.,
[73] MCNEESE, ANDREW,
[73] WILSON, PRESTON,
[73] LEE, KEVIN,
[85] 2016-07-05
[86] 2015-01-06 (PCT/US2015/010239)
[87] (WO2015/103581)
[30] US (61/924,015) 2014-01-06
[30] US (62/020,672) 2014-07-03
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[51] **Int.Cl. C01B 32/50 (2017.01) H01M 8/0668 (2016.01) H01M 8/1246 (2016.01) C01B 3/34 (2006.01) C01B 3/48 (2006.01) C01B 3/50 (2006.01) C25B 5/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ENERGY-EFFICIENT METHOD FOR PRODUCING COMPRESSED CARBON DIOXIDE SUITABLE FOR ENHANCED OIL OR GAS RECOVERY**
[54] **PROCEDE, A FAIBLE CONSOMMATION D'ENERGIE, DE PRODUCTION DE DIOXYDE DE CARBONE COMPRIME APPROPRIE POUR UNE RECUPERATION AMELIOREE D'HYDROCARBURES OU DE GAZ**
[72] ALYOUSEF, YOUSEF M., SA
[72] ALENAZEY, FERAIH, SA
[73] ENERGY RESEARCH INSTITUTE,
[85] 2016-07-06
[86] 2013-10-22 (PCT/IB2013/002375)
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[11] **2,936,521**
[13] C
[51] **Int.Cl. F16D 13/70 (2006.01) F16D 13/00 (2006.01)**
[25] EN
[54] **DRIVE CLUTCH**
[54] **EMBRAYAGE D'ENTRAINEMENT**
[72] ZULAWSKI, DENNIS, US
[73] ZULAWSKI, DENNIS,
[86] (2936521)
[87] (2936521)
[22] 2016-07-19
[30] US (14/803,864) 2015-07-20

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[13] C
[51] **Int.Cl. C07K 7/06 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 38/08 (2019.01) A61K 38/16 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01) C07K 14/74 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING NEURONAL AND BRAIN TUMORS**
[54] **NOUVELLE IMMUNOTHERAPIE DIRIGEE CONTRE PLUSIEURS TUMEURS, Y COMPRIS DES TUMEURS NEURONALES ET CEREBRALES**
[72] SCHOOR, OLIVER, DE
[72] HILF, NORBERT, DE
[72] WEINSCHENK, TONI, DE
[72] TRAUTWEIN, CLAUDIA, DE
[72] WALTER, STEFFEN, DE
[72] SINGH, HARPREET, DE
[73] IMMATICS BIOTECHNOLOGIES GMBH,
[86] (2936870)
[87] (2936870)
[22] 2009-09-28
[62] 2,739,387
[30] EP (08017305.7) 2008-10-01
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[30] US (61/105,928) 2008-10-16

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[13] C
[51] **Int.Cl. H04N 19/91 (2014.01) H04N 19/119 (2014.01) H04N 19/137 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **IMAGE CODING DEVICE, IMAGE DECODING DEVICE, IMAGE CODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, METHODE DE CODAGE D'IMAGE ET METHODE DE DECODAGE D'IMAGE**
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION,
[86] (2937202)
[87] (2937202)
[22] 2011-11-01
[62] 2,820,014
[30] JP (2010-281743) 2010-12-17

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[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **ULTRASONIC AUTHENTICATING BUTTON**
[54] **BOUTON D'AUTHENTIFICATION A ULTRASONS**
[72] GANTI, SURYAPRAKASH, US
[72] CHILUKURU, SRIKANTH, US
[72] SONG, LIVINGSTONE, US
[72] DJORDJEV, KOSTADIN DIMITROV, US
[72] KITCHENS, JACK CONWAY, US
[72] SCHNEIDER, JOHN, US
[72] BUCHAN, NICHOLAS IAN, US
[72] FENNELL, LEONARD EUGENE, US
[72] PANCHAWAGH, HRISHIKESH VIJAYKUMAR, US
[72] HINGER, ASHISH, US
[72] KUO, NAI-KUEI, US
[72] NARAYANAN, KOLLENGODE, US
[72] GUPTA, SAMIR KUMAR, US
[72] DICKINSON, TIMOTHY, US
[72] HAMEL, MAX, US
[72] BURNS, DAVID WILLIAM, US
[72] SEZAN, MUHAMMED IBRAHIM, US
[72] DANTSKER, EUGENE, US
[73] QUALCOMM INCORPORATED,
[85] 2016-07-21
[86] 2015-02-22 (PCT/US2015/016998)
[87] (WO2015/127335)
[30] US (61/943,379) 2014-02-23
[30] US (14/628,211) 2015-02-20

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[13] C
[51] **Int.Cl. A47L 13/022 (2006.01) A47L 13/10 (2006.01) A47L 13/44 (2006.01) E04F 21/16 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE CLEANING TROWEL**
[54] **TRUELLE DE NETTOYAGE POLYVALENTE**
[72] MAURER, DAVID A., US
[73] CREATIVE PRODUCTS INTERNATIONAL, INC.,
[85] 2016-08-05
[86] 2014-12-23 (PCT/US2014/072119)
[87] (WO2015/122965)
[30] US (14/177,991) 2014-02-11

[11] **2,941,822**
[13] C
[51] **Int.Cl. B64C 7/02 (2006.01)**
[25] EN
[54] **AFT ENGINE NACELLE SHAPE FOR AN AIRCRAFT**
[54] **FORME DE NACELLE A MOTEUR ARRIERE DESTINEE A UN AERONEF**
[72] MARRINAN, PATRICK MICHAEL, US
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] YAO, JIXIAN, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2941822)
[87] (2941822)
[22] 2016-09-15
[30] US (14/859,566) 2015-09-21

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[13] C
[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 9/14 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **MICROSPHERE-BASED COMPOSITION FOR PREVENTING AND/OR REVERSING NEW-ONSET AUTOIMMUNE DIABETES**
[54] **COMPOSITION A BASE DE MICROSPHERES DESTINEE A LA PREVENTION ET/OU AU RENVERSEMENT D'UNE SITUATION DE NOUVELLE APPARITION D'UN DIABETE AUTO-IMMUN**
[72] BROWN, LARRY R., US
[72] GIANNOUKAKIS, NICK, US
[72] GILLIS, KIMBERLY A., US
[73] BAXTER HEALTHCARE S.A.,
[73] BAXTER INTERNATIONAL INC.,
[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATN,
[86] (2942128)
[87] (2942128)
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[62] 2,657,517
[30] US (60/835742) 2006-08-04
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[13] C
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/36 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING FLOATATION LIQUID**
[54] **PROCEDE D'EXTRACTION DE LIQUIDE EN FLOTTAISON**
[72] ANGROS, LEE H., US
[73] ANGROS, LEE H.,
[85] 2016-09-13
[86] 2014-03-17 (PCT/US2014/030409)
[87] (WO2014/145614)
[30] US (61/791,178) 2013-03-15

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[13] C
[51] **Int.Cl. H05B 3/84 (2006.01) H05B 3/86 (2006.01)**
[25] EN
[54] **TRANSPARENT PANE WITH HEATABLE COATING**
[54] **PANNEAU TRANSPARENT DOTE D'UN REVETEMENT CHAUFFANT**
[72] DIMITRIJEVIC, BOJAN, DE
[72] SCHULZ, VALENTIN, DE
[72] SCHALL, GUNTHER, DE
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2016-09-15
[86] 2015-03-05 (PCT/EP2015/054556)
[87] (WO2015/158461)
[30] EP (14165080.4) 2014-04-17

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[13] C
[51] **Int.Cl. H05B 3/84 (2006.01) H05B 3/86 (2006.01)**
[25] EN
[54] **TRANSPARENT PANE HAVING A HEATABLE COATING**
[54] **PANNEAU TRANSPARENT COMPORTANT UN REVETEMENT CHAUFFABLE**
[72] SCHULZ, VALENTIN, DE
[72] SCHALL, GUNTHER, DE
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2016-09-28
[86] 2015-03-05 (PCT/EP2015/054567)
[87] (WO2015/158462)
[30] EP (14165092.9) 2014-04-17

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[13] C
[51] **Int.Cl. H04N 19/503 (2014.01) H04N 19/176 (2014.01) H04N 19/50 (2014.01)**
[25] EN
[54] **INTERLAYER VIDEO DECODING METHOD FOR PERFORMING SUB-BLOCK-BASED PREDICTION AND APPARATUS THEREFOR, AND INTERLAYER VIDEO ENCODING METHOD FOR PERFORMING SUB-BLOCK-BASED PREDICTION AND APPARATUS THEREFOR**
[54] **PROCEDE DE DECODAGE VIDEO INTERCOUCHE CONCU POUR REALISER UNE PREDICTION BASEE SUR UN SOUS-BLOC, APPAREIL ASSOCIE, PROCEDE DE CODAGE VIDEO INTERCOUCHE CONCU POUR REALISER UNE PREDICTION BASEE SUR UN SOUS-BLOC, ET APPAREIL ASSOCIE**
[72] PARK, MIN-WOO, KR
[72] LEE, JIN-YOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2016-09-29
[86] 2015-03-31 (PCT/KR2015/003174)
[87] (WO2015/152608)
[30] US (61/972,716) 2014-03-31

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[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/27 (2016.01) F21K 9/278 (2016.01) F21K 9/65 (2016.01) H04L 29/06 (2006.01)**
[25] EN
[54] **LED LIGHTING INCORPORATING DMX COMMUNICATION**
[54] **ECLAIRAGE A DEL INCORPORANT UNE COMMUNICATION DMX**
[72] BOVINO, MICHAEL, US
[73] BOVINO, MICHAEL,
[85] 2016-10-03
[86] 2015-04-03 (PCT/US2015/024323)
[87] (WO2015/154015)
[30] US (61/974,507) 2014-04-03
[30] US (62/013,258) 2014-06-17
[30] US (62/093,470) 2014-12-18

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[13] C
[51] **Int.Cl. B01J 20/28 (2006.01) B01D 15/10 (2006.01) B01J 20/22 (2006.01) B01J 20/287 (2006.01) B01J 20/32 (2006.01) B01L 3/02 (2006.01)**
[25] EN
[54] **POLYSILAZANE THERMOSETTING POLYMERS FOR USE IN CHROMATOGRAPHIC SYSTEMS AND APPLICATIONS**
[54] **POLYMERES THERMODURCISSANTS DE POLYSILAZANE S'UTILISANT DANS DES SYSTEMES ET DES APPLICATIONS CHROMATOGRAPHIQUES**
[72] BETZ, WILLIAM R., US
[72] LINTON, CHRISTOPHER M., US
[73] SIGMA-ALDRICH CO. LLC,
[86] (2945455)
[87] (2945455)
[22] 2004-11-19
[62] 2,546,898
[30] US (60/523,654) 2003-11-20

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SYNCHRONOUS MULTIPLEXING AND MULTIPLE ACCESS FOR DIFFERENT LATENCY TARGETS UTILIZING THIN CONTROL**
[54] **APPAREIL ET PROCEDE DE MULTIPLEXAGE ET D'ACCES MULTIPLE SYNCHRONES POUR DIFFERENTES CIBLES DE LATENCE A L'AIDE DE COMMANDE MINCE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] BHUSHAN, NAGA, US
[72] GAAL, PETER, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] HOWARD, MICHAEL ALEXANDER, US
[72] COOPER, ROTEM, US
[72] ANG, PETER, US
[73] QUALCOMM INCORPORATED,
[85] 2016-10-11
[86] 2015-05-07 (PCT/US2015/029649)
[87] (WO2015/179136)
[30] US (62/000,443) 2014-05-19
[30] US (14/533,954) 2014-11-05

[11] **2,946,331**
[13] C
[51] **Int.Cl. A23L 2/38 (2006.01) A23L 29/10 (2016.01) A23L 29/20 (2016.01) A23L 29/238 (2016.01) A23L 29/269 (2016.01) A23L 29/275 (2016.01) A23L 33/115 (2016.01) A23D 7/005 (2006.01) A23D 7/02 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING EDIBLE OIL BEVERAGES USING POLYSACCHARIDE AND POLYSACCHARIDE POLYMERS**
[54] **METHODES DE FABRICATION DE BOISSONS A L'HUILE COMESTIBLES AU MOYEN DE POLYSACCHARIDE ET DE POLYMERES DE POLYSACCHARIDE**
[72] YANG, ZONGXIN, CN
[72] ZHOU, MIN, CN
[72] CHEN, CHUNHUI, CN
[72] LI, WENMING, CN
[72] QIU, KANWEN, CN
[72] FAN, RIQING, CN
[72] WEN, FENG, CN
[73] HANGZHOU XINWEI LOW-CARBON TECHNOLOGY R&D CO., LTD.,
[86] (2946331)
[87] (2946331)
[22] 2016-10-24
[30] CN (201510852421.1) 2015-11-30

[11] **2,947,578**
[13] C
[51] **Int.Cl. G06F 17/11 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING AN EMBEDDING PATTERN USED FOR SOLVING A QUADRATIC BINARY OPTIMIZATION PROBLEM**
[54] **METHODE ET SYSTEME DE GENERATION D'UN MOTIF IMBRIQUE UTILISE POUR RESOUDRE UN PROBLEME D'OPTIMISATION BINAIRE QUADRATIQUE**
[72] ZARIBAFIYAN, ARMAN, CA
[72] MARCHAND, DOMINIC, CA
[72] CHANGIZ REZAEI, SEYED SAEED, CA
[73] 1QB INFORMATION TECHNOLOGIES INC.,
[86] (2947578)
[87] (2947578)
[22] 2016-11-03
[30] US (62/250,705) 2015-11-04

[11] **2,947,666**
[13] C
[51] **Int.Cl. G01N 25/72 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE INSPECTION APPARATUS**
[54] **APPAREIL D'INSPECTION NON DESTRUCTRICE**
[72] INAGAKI, KOICHI, JP
[72] TAKAO, KUNIHIKO, JP
[73] IHI CORPORATION,
[73] KEN AUTOMATION, INC.,
[85] 2016-11-01
[86] 2015-06-17 (PCT/JP2015/067500)
[87] (WO2015/194599)
[30] JP (2014-124497) 2014-06-17

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[11] **2,948,197**
[13] C
[51] **Int.Cl. H04N 19/12 (2014.01)**
[25] EN
[54] **METHOD OF ALTERNATIVE TRANSFORM FOR DATA COMPRESSION**
[54] **PROCEDE DE TRANSFORMATION ALTERNATIVE POUR UNE COMPRESSION DE DONNEES**
[72] AN, JICHENG, CN
[72] ZHANG, KAI, CN
[73] MEDIATEK SINGAPORE PTE. LTD.,
[85] 2016-11-07
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[54] **METHODS AND DRILL BIT DESIGNS FOR PREVENTING THE SUBSTRATE OF A CUTTING ELEMENT FROM CONTACTING A FORMATION**
[54] **PROCEDES ET CONCEPTIONS DE TREPANS POUR EMPECHER LE SUBSTRAT D'UN ELEMENT DE COUPE D'ENTRER EN CONTACT AVEC UNE FORMATION**
[72] CHEN, SHILIN, US
[72] HELGESEN, ERIC LAWRENCE, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-11-07
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[25] EN
[54] **PRODUCTION OF 43SC RADIONUCLIDE AND RADIOPHARMACEUTICALS THEREOF FOR USE IN POSITRON EMISSION TOMOGRAPHY**
[54] **PRODUCTION D'UN RADIONUCLEIDE 43SC ET DE PRODUITS RADIOPHARMACEUTIQUES DE CELUI-CI DESTINES A ETRE UTILISES DANS LA TOMOGRAPHIE PAR EMISSION DE POSITONS**
[72] TURLER, ANDREAS, CH
[72] VAN DER MEULEN, NICHOLAS, CH
[72] BUNKA, MARUTA, CH
[73] PAUL SCHERRER INSTITUT,
[85] 2016-11-10
[86] 2015-05-07 (PCT/EP2015/060014)
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[25] EN
[54] **3D IMAGING OF LIVE CELLS WITH ULTRAVIOLET RADIATION**
[54] **IMAGERIE EN 3D DE CELLULES VIVANTES PAR UN RAYONNEMENT ULTRAVIOLET**
[72] SEIBEL, ERIC J., US
[72] NELSON, ALAN C., US
[72] FAUVER, MARK E., US
[72] RAHN, J. RICHARD, US
[73] VISIONGATE, INC.,
[86] (2948800)
[87] (2948800)
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[25] EN
[54] **METHODS AND SYSTEMS FOR THE SYNTHESIS OF NANOPARTICLES INCLUDING STRAINED NANOPARTICLES**
[54] **PROCEDES ET SYSTEMES POUR LA SYNTHESE DE NANOPARTICULES COMPRENANT DES NANOPARTICULES SOUS CONTRAINTE**
[72] HAAG, MICHAEL ALLEN, US
[73] MSMH, LLC,
[85] 2016-11-14
[86] 2015-05-15 (PCT/US2015/031255)
[87] (WO2015/176045)
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[25] EN
[54] **ADVANCED STEREO CODING BASED ON A COMBINATION OF ADAPTIVELY SELECTABLE LEFT/RIGHT OR MID/SIDE STEREO CODING AND OF PARAMETRIC STEREO CODING**
[54] **CODAGE STEREO AVANCE BASE SUR UNE COMBINAISON D'UN CODAGE STEREO GAUCHE/DROIT OU MILIEU/COTE SELECTIONNABLE DE FACON ADAPTATIVE ET D'UN CODAGE STEREO PARAMETRIQUE**
[72] PURNHAGEN, HEIKO, SE
[72] CARLSSON, PONTUS, SE
[72] KJORLING, KRISTOFER, SE
[73] DOLBY INTERNATIONAL AB,
[86] (2949616)
[87] (2949616)
[22] 2010-03-05
[62] 2,754,671
[30] US (61/219484) 2009-06-23
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[54] **MULTILATERAL JUNCTION WITH MECHANICAL STIFFENERS**
[54] **JONCTION MULTILATERALE AYANT DES RAIDISSEURS MECANIQUES**
[72] STEELE, DAVID JOE, US
[72] HEPBURN, NEIL, GB
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2016-11-18
[86] 2014-07-16 (PCT/US2014/046780)
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[25] EN
[54] **A CONNECTING TERMINAL FREE OF DARK SPOTS FOR A LIGHT STRIP AND A LIGHT USING THE SAME**
[54] **UN TERMINAL DE CONNEXION EXEMPT DE ZONES SOMBRES DESTINE A UNE BANDE D'ECLAIRAGE ET UNE LUMIERE EMPLOYANT LEDIT TERMINAL**
[72] ZHANG, PEILIANG, CN
[73] GUANGDONG OML TECHNOLOGY CO., LTD.,
[85] 2016-12-12
[86] 2016-10-25 (PCT/CN2016/103320)
[87] (WO2018/072225)
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[25] EN
[54] **METHOD AND SYSTEM FOR A COMBINED AIR-OIL COOLER AND FUEL-OIL COOLER HEAT EXCHANGER**
[54] **PROCEDE ET SYSTEME POUR UN ECHANGEUR THERMIQUE COMBINE A REFROIDISSEUR D'AIR-HUILE ET REFROIDISSEUR DE CARBURANT-HUILE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[73] GENERAL ELECTRIC COMPANY,
[86] (2951804)
[87] (2951804)
[22] 2016-12-15
[30] US (14/980,879) 2015-12-28

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[51] **Int.Cl. B65F 3/02 (2006.01) B65F 3/04 (2006.01)**
[25] EN
[54] **REFUSE COLLECTION SYSTEM**
[54] **SYSTEME DE COLLECTE DE DECHETS**
[72] RIMSA, JAMES, US
[73] PERKINS MANUFACTURING CO.,
[86] (2952096)
[87] (2952096)
[22] 2016-12-16
[30] US (62/271,089) 2015-12-22

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[25] EN
[54] **SHIPPING CONTAINER CONVERTIBLE INTO A DISPLAY CONFIGURATION**
[54] **CONTENANT D'EXPEDITION CONVERTIBLE EN UNE CONFIGURATION DE PRESENTATION**
[72] KEEFE, WALTER D., JR., US
[73] INTERNATIONAL PAPER COMPANY,
[86] (2952391)
[87] (2952391)
[22] 2016-12-21
[30] US (14/978,404) 2015-12-22

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[25] EN
[54] **PROSTHETIC CAPSULAR DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS CAPSULAIRES PROTHETIQUES, SYSTEMES ET PROCEDES**
[72] WORTZ, GARY N., US
[72] IFLAND, RICK WILLIAM, US
[73] OMEGA OPHTHALMICS LLC,
[85] 2016-12-16
[86] 2015-06-17 (PCT/US2015/036263)
[87] (WO2015/195825)
[30] US (62/014,432) 2014-06-19
[30] US (62/114,227) 2015-02-10
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[25] EN
[54] **HAND-PORTABLE DIRECTIONAL DRILL**
[54] **DISPOSITIF DE FORAGE DIRECTIONNEL PORTATIF**
[72] HERRICK, ROD, US
[72] SHAPPELL, JARED W., US
[73] RODDIE, INC.,
[86] (2952884)
[87] (2952884)
[22] 2016-12-22
[30] US (14/981,397) 2015-12-28

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[51] **Int.Cl. C07F 15/00 (2006.01) A61K 31/473 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CLEAVABLE CONJUGATES OF FUNCTIONALIZED PLATINUM-ACRIDINE AND PLATINUM-BENZACRIDINE AGENTS AND METHODS THEREOF**
[54] **CONJUGUES CLIVABLE D'AGENTS DE PLATINE-ACRIDINE ET DE PLATINE-BENZACRIDINE FONCTIONNALISTES ET PROCEDES ASSOCIES**
[72] BIERBACH, ULLRICH, US
[72] DING, SONG, US
[73] WAKE FOREST UNIVERSITY,
[85] 2016-12-20
[86] 2015-06-22 (PCT/US2015/036892)
[87] (WO2015/200172)
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[25] EN
[54] **PLATINUM COMPOUNDS, COMPOSITIONS, AND USES THEREOF**
[54] **COMPOSES ET COMPOSITIONS DE PLATINE, ET LEURS UTILISATIONS**
[72] MOREAU, BENOIT, US
[72] BILODEAU, MARK T., US
[72] WHALEN, KERRY, US
[72] MEETZE, KRISTAN, US
[72] SINGH, SUKHJEET, US
[72] WOOSTER, RICHARD, US
[72] LEMELIN, CHARLES-ANDRE, US
[73] PLACON THERAPEUTICS, INC.,
[85] 2016-12-21
[86] 2015-06-23 (PCT/US2015/037071)
[87] (WO2015/200250)
[30] US (62/015,714) 2014-06-23
[30] US (62/034,124) 2014-08-06
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[51] **Int.Cl. A61K 47/64 (2017.01)**
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[54] **THERAPEUTIC AGENTS COMPRISING ELASTIN-LIKE PEPTIDES**
[54] **AGENTS THERAPEUTIQUES COMPRENANT DES PEPTIDES DE TYPE ELASTINE**
[72] CHILKOTI, ASHUTOSH, US
[73] DUKE UNIVERSITY,
[86] (2953975)
[87] (2953975)
[22] 2009-06-29
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[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING SECURITY OF A POINT-OF-SALE TERMINAL**
[54] **APPAREIL ET METHODE DE SURVEILLANCE DE LA SECURITE D'UN TERMINAL DE POINT DE VENTE**
[72] HAYHOW, ROBERT, CA
[73] THE TORONTO-DOMINION BANK,
[86] (2956329)
[87] (2956329)
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[25] EN
[54] **NICKEL RECOVERY PROCESS**
[54] **PROCEDE DE RECUPERATION DU NICKEL**
[72] SHOJI, HIROFUMI, JP
[72] HAYATA, JIRO, JP
[72] KUDOU, KEIJI, JP
[72] HIGAKI, TATSUYA, JP
[73] SUMITOMO METAL MINING CO., LTD.,
[85] 2017-02-10
[86] 2015-07-23 (PCT/JP2015/071032)
[87] (WO2016/024470)
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[25] FR
[54] **MODIFIED NUCLEOTIDES FOR SYNTHESIS OF NUCLEIC ACIDS, A KIT CONTAINING SUCH NUCLEOTIDES AND THEIR USE FOR THE PRODUCTION OF SYNTHETIC NUCLEIC ACID SEQUENCES OR GENES**
[54] **NUCLEOTIDES MODIFIES POUR LA SYNTHESE D'ACIDES NUCLEIQUES, UN KIT RENFERMANT DE TELS NUCLEOTIDES ET LEUR UTILISATION POUR LA PRODUCTION DE GENES OU SEQUENCES D'ACIDES NUCLEIQUES SYNTHETIQUES**
[72] YBERT, THOMAS, FR
[72] GARIEL, SYLVAIN, FR
[73] DNA SCRIPT,
[85] 2017-02-14
[86] 2015-09-01 (PCT/FR2015/052310)
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[54] **TRANSPARENT PANE WITH HEATED COATING**
[54] **PLAQUE TRANSPARENTE AVEC REVETEMENT CHAUFFANT**
[72] SCHALL, GUNTHER, DE
[72] REUL, BERNHARD, DE
[72] PHAN, DANG CUONG, DE
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2017-02-17
[86] 2015-08-19 (PCT/EP2015/069002)
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[25] EN
[54] **SLOWLY DIGESTIBLE, SUSTAINED-TYPE ENERGY SUPPLYING AGENT**
[54] **AGENT D'APPORT D'ENERGIE LENTEMENT DIGESTIBLE A ACTION PROLONGEE**
[72] AIZAWA KENTA, JP
[72] SEKIYA KAZUKI, JP
[72] IIZUKA TAKAHISA, JP
[72] TAKAGI HIROKI, JP
[72] TAKADA MASAYASU, JP
[72] OGAWA KOICHI, JP
[72] SONOKI HIROFUMI, JP
[72] ITO AYAKO, JP
[72] KOKUBO ERI, JP
[73] NIHON SHOKUHIN KAKO CO., LTD.,
[73] MORINAGA MILK INDUSTRY CO., LTD.,
[85] 2017-02-20
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[25] EN
[54] **METHODS AND APPARATUSES FOR FORMING FIBROUS TUBES**
[54] **PROCEDES ET APPAREILS POUR FORMER DES TUBES FIBREUX**
[72] ENGELMAYR, GEORGE C., JR., US
[72] NIKLASON, LAURA E., US
[72] DAHL, SHANNON L., US
[72] STRADER, JUSTIN T., US
[72] ZHANG, JINLIN, US
[72] IRWIN, STUART, US
[73] HUMACYTE, INC.,
[85] 2017-03-13
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[25] EN
[54] **SYSTEM AND METHOD FOR COVERING PORTIONS OF AN EXISTING STRUCTURE WITH PLANTS**
[54] **SYSTEME ET METHODE DE RECOUVREMENT DE PORTIONS D'UNE STRUCTURE EXISTANTEAVEC DES VEGETAUX**
[72] WOOLBRIGHT, MARK, US
[73] CONWED PLASTICS ACQUISITION COMPANY V LLC, DBA FILTREXX INTERNATIONAL,
[85] 2017-03-21
[86] 2016-03-11 (PCT/US2016/021965)
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[30] US (62/132,802) 2015-03-13
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[25] EN
[54] **METHODS AND APPARATI FOR MAKING THIN SEMICONDUCTOR BODIES FROM MOLTEN MATERIAL**
[54] **PROCEDES ET APPAREILS POUR FABRIQUER DES CORPS SEMI-CONDUCTEURS MINCES A PARTIR D'UN MATERIAU FONDU**
[72] SACHS, EMANUEL M., US
[72] WALLACE, RICHARD L., US
[72] HANTSOO, EERIK T., US
[72] LORENZ, ADAM M., US
[72] HUDELSON, G. D. STEPHEN, US
[72] JONCZYK, RALF, US
[73] 1366 TECHNOLOGIES INC.,
[86] (2962682)
[87] (2962682)
[22] 2010-03-09
[62] 2,754,880
[30] US (61/209,582) 2009-03-09
[30] US (61/224,730) 2009-07-10
[30] US (61/237,965) 2009-08-28

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[25] EN
[54] **MODULAR PULVERIZER**
[54] **PULVERISATEUR MODULAIRE**
[72] LUTOSLAWSKI, JAROSLAW, CA
[73] TORXX KINETIC PULVERIZER LIMITED,
[86] (2963654)
[87] (2963654)
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[25] EN
[54] **SYSTEM AND APPROACH FOR INTEGRATION OF PARAMETERS FROM WEARABLE CLOUD CONNECTED ACCESS CONTROL DEVICES**
[54] **SYSTEME ET APPROCHE D'INTEGRATION DE PARAMETRES DE DISPOSITIFS DE CONTROLE D'ACCES PORTABLES RELIES AU NUAGE**
[72] SUNDAR, NAGA, US
[72] PONRAMAN, JENIFRAM, US
[72] AZHAGESAN, MUTHUKUMAR, US
[73] HONEYWELL INTERNATIONAL INC.,
[86] (2963845)
[87] (2963845)
[22] 2017-04-10
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[51] **Int.Cl. A61L 27/52 (2006.01) A61F 2/16 (2006.01) A61L 27/26 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **HYDROPHOBIC ACRYLATE-ACRYLAMIDE COPOLYMERS FOR OPHTHALMIC DEVICES**
[54] **COPOLYMERES HYDROPHOBES D'ACRYLAMIDE-ACRYLATE POUR DISPOSITIFS OPHTALMIQUES**
[72] LAREDO, WALTER, US
[72] AKINAY, ALI E., US
[72] JIANG, XUWEI, US
[72] JINKERSON, DAVID, US
[72] NGUYEN, VINCENT, US
[72] SCHLUETER, DOUGLAS, US
[73] NOVARTIS AG,
[85] 2017-04-24
[86] 2015-12-14 (PCT/US2015/065506)
[87] (WO2016/100188)
[30] US (62/092,319) 2014-12-16

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[25] EN
[54] **DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES**
[54] **MISE AU POINT DE MUTATIONS UTILES POUR L'ATTENUATION DES VIRUS DE LA DENGUE ET DES VIRUS DE LA DENGUE CHIMERIQUES**
[72] BLANEY, JOSEPH E., US
[72] WHITEHEAD, STEPHEN S., US
[72] MURPHY, BRIAN R., US
[72] HANLEY, KATHRYN A., US
[72] LAI, CHING-JUH, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE CRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES,
[86] (2966716)
[87] (2966716)
[22] 2002-05-22
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[51] **Int.Cl. C07F 7/18 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **CGRP RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DE RECEPTEUR CGRP**
[72] LUO, GUANGLIN, US
[72] DUBOWCHIK, GENE M., US
[72] MACOR, JOHN E., US
[73] BRISTOL-MYERS SQUIBB COMPANY,
[86] (2968176)
[87] (2968176)
[22] 2010-10-13
[62] 2,777,518
[30] US (61/251,477) 2009-10-14

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 5/04 (2006.01) G01V 5/12 (2006.01)**
[25] EN
[54] **GAMMA DETECTION SENSORS IN A ROTARY STEERABLE TOOL**
[54] **CAPTEURS DE DETECTION GAMMA DANS UN OUTIL ORIENTABLE ROTATIF**
[72] D'SILVA, ALBEN, CA
[72] KIRKHOPE, KENNEDY, CA
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-05-23
[86] 2015-02-19 (PCT/US2015/016580)
[87] (WO2016/133519)

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[13] C
[51] **Int.Cl. A61K 47/26 (2006.01) A61K 47/30 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING AMBIENT-TEMPERATURE STABLE, INACTIVATED BUT THERAPEUTICALLY ACTIVE BIOPHARMACEUTICALS & METHODS FOR FORMULATION THEREOF**
[54] **COMPOSITIONS CONTENANT DES PRODUITS BIOPHARMACEUTIQUES INACTIVES MAIS THERAPEUTIQUEMENT ACTIFS, STABLES A TEMPERATURE AMBIANTE ET PROCEDES DE FORMULATION ASSOCIES**
[72] BRONSHTEIN, VICTOR, US
[73] UNIVERSAL STABILIZATION TECHNOLOGIES, INC.,
[85] 2017-05-25
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[51] **Int.Cl. G01F 1/66 (2006.01) G01N 29/07 (2006.01)**
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[54] **SYSTEM, APPARATUS AND METHOD FOR AUTOMATIC PIPE TYPE DETECTION**
[54] **SYSTEME, APPAREIL ET PROCEDE PERMETTANT UNE DETECTION AUTOMATIQUE DE TYPE DE TUYAU**
[72] GESTNER, BRIAN, US
[72] KNUDSEN, THEA, US
[72] MESS, FRANCIS M., US
[72] LEADERS, JEFFREY L., US
[73] RELIANCE WORLDWIDE CORPORATION,
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[30] US (62/093,116) 2014-12-17

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[51] **Int.Cl. H04L 27/26 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **BROADCAST SIGNAL FRAME GENERATION APPARATUS AND BROADCAST SIGNAL FRAME GENERATION METHOD USING LAYERED DIVISION MULTIPLEXING**
[54] **APPAREIL DE GENERATION DE TRAME DE SIGNALISATION DE RADIODIFFUSION, ET PROCEDE DE GENERATION DE TRAME DE SIGNALISATION DE RADIODIFFUSION UTILISANT LE MULTIPLEXAGE PAR REPARTITIONEN COUCHES**
[72] LEE, JAE-YOUNG, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE,
[85] 2017-06-07
[86] 2016-03-08 (PCT/KR2016/002306)
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[30] KR (10-2015-0055457) 2015-04-20
[30] KR (10-2015-0070769) 2015-05-21
[30] KR (10-2016-0004460) 2016-01-13

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

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[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **MACROMOLECULAR CONJUGATES FOR ISOLATION, IMMOBILIZATION AND VISUALIZATION OF PROTEINS**
[54] **CONJUGUES MACROMOLECULAIRES D'ISOLEMENT, D'IMMOBILISATION ET DE VISUALISATION DE PROTEINES**
[72] SACHA, PAVEL, CZ
[72] KONVALINKA, JAN, CZ
[72] SCHIMER, JIRI, CZ
[72] KNEDLIK, TOMAS, CZ
[72] SUBR, VLADIMIR, CZ
[72] ULBRICH, KAREL, CZ
[72] STROHALM, JIRI, CZ
[73] USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V.V.I.,
[73] USTAV MAKROMOLEKULARNI CHEMIE AV CR, V.V.I.,
[73] UNIVERZITA KARLOVA V PRAZE, PRIRODOVEDECKA FAKULTA,
[85] 2017-06-14
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[54] **IMAGE FILTERING BASED ON SOCIAL CONTEXT**
[54] **FILTRAGE D'IMAGE EN FONCTION DU CONTEXTE SOCIAL**
[72] CHEDEAU, CHRISTOPHER SERGE BENJAMIN, US
[72] GREWAL, EMILY B., US
[72] CHUNG, ANDREW, US
[73] FACEBOOK, INC.,
[86] (2971949)
[87] (2971949)
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[54] **AUTO DISCOVERY OF CONFIGURATION ITEMS**
[54] **DECOUVERTE AUTOMATIQUE D'ELEMENTS DE CONFIGURATION**
[72] POLINATI, CHINNA, US
[72] VARGHESE, JAKE, US
[72] CHANDRASHEKAR, SRIDHAR, US
[73] SERVICENOW, INC.,
[85] 2017-06-22
[86] 2015-12-21 (PCT/US2015/067063)
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[51] **Int.Cl. E21B 49/00 (2006.01) G01V 99/00 (2009.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SIMULATING THE EFFECTS OF RUPTURE DISK FAILURE ON ANNULAR FLUID EXPANSION IN SEALED AND OPEN ANNULI**
[54] **SIMULATION DES EFFETS DE LA DEFAILLANCE DU DISQUE DE RUPTURE AVEC LA DILATATION DU FLUIDE D'ANNULAIRE DANS DES ESPACES ANNULAIRES SCELLES ET OUVERTS**
[72] LIU, ZHENGCHUN, US
[72] SAMUEL, ROBELLO, US
[72] GONZALES, ADOLFO, US
[72] KANG, YONGFENG, US
[73] LANDMARK GRAPHICS CORPORATION,
[85] 2017-06-27
[86] 2015-05-07 (PCT/US2015/029689)
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[51] **Int.Cl. G06F 1/16 (2006.01) A63F 13/23 (2014.01) A63F 13/24 (2014.01) A63F 13/92 (2014.01) G06F 3/00 (2006.01)**
[25] EN
[54] **COMBINATION COMPUTING DEVICE AND GAME CONTROLLER WITH FLEXIBLE BRIDGE SECTION**
[54] **COMBINAISON D'UN DISPOSITIF INFORMATIQUE ET D'UNE MANETTE DE JEU AVEC SECTION DE RACCORD SOUPLE**
[72] JOYNES, MATTHEW R., US
[72] TOWNLEY, FRASER, US
[72] DOOLEY, DANIEL P., US
[73] WIKIPAD, INC.,
[85] 2017-06-27
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[51] **Int.Cl. B81C 3/00 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **REDUCING OPTICAL INTERFERENCE IN A FLUIDIC DEVICE**
[54] **REDUCTION DE L'INTERFERENCE OPTIQUE DANS UN DISPOSITIF FLUIDIQUE**
[72] GIBBONS, IAN, US
[72] O'CONNELL, MICHAEL, US
[73] THERANOS IP COMPANY, LLC,
[86] (2972774)
[87] (2972774)
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[51] **Int.Cl. G02B 27/01 (2006.01) G02B 3/00 (2006.01)**
[25] EN
[54] **HYBRID LENS SYSTEM FOR HEAD WEARABLE DISPLAY**
[54] **SYSTEME A LENTILLES HYBRIDE POUR AFFICHAGE POUVANT ETRE PORTE SUR LA TETE**
[72] SPITZER, MARK B., US
[73] X DEVELOPMENT LLC,
[85] 2017-07-05
[86] 2016-01-12 (PCT/US2016/013039)
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[54] **SYSTEM FOR SERVICE USAGE REPORTING**
[54] **SYSTEME DE CREATION DE RAPPORT D'UTILISATION DE SERVICE**
[72] DESHPANDE, SACHIN G., US
[73] SHARP KABUSHIKI KAISHA,
[85] 2017-07-07
[86] 2016-01-28 (PCT/JP2016/000441)
[87] (WO2016/121398)
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[51] **Int.Cl. G06T 11/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR SIMULATING SHADOW IMAGES**
[54] **METHODE, DISPOSITIF ET SYSTEME DE SIMULATION D'IMAGES OMBREES**
[72] DE VAAN, JAN, NL
[72] HEIL, PETER, NL
[73] 3MENSIO MEDICAL IMAGING B.V.,
[86] (2973449)
[87] (2973449)
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[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PURIFYING VANADIUM PENTOXIDE**
[54] **SYSTEME ET PROCEDE DE PURIFICATION DE PENTOXYDE DE VANADIUM**
[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] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD.,
[73] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES,
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[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PURIFYING AND PREPARING HIGH-PURITY VANADIUM PENTOXIDE POWDER**
[54] **SYSTEME ET PROCEDE POUR PURIFIER ET PREPARER UNE POUDRE DE PENTOXYDE DE VANADIUM DE HAUTE PURETE**
[72] ZHU, QINGSHAN, CN
[72] YANG, HAITAO, CN
[72] FAN, CHUANLIN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[73] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD,
[73] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES,
[85] 2017-07-11
[86] 2016-01-28 (PCT/CN2016/072524)
[87] (WO2016/119722)
[30] CN (201510051577.X) 2015-01-30

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[13] C
[51] **Int.Cl. B65B 57/14 (2006.01) A23L 5/00 (2016.01) A23P 30/00 (2016.01) B65B 57/18 (2006.01) B65G 47/70 (2006.01) G01G 15/00 (2006.01) G05D 7/06 (2006.01) G07C 3/00 (2006.01) G01F 1/76 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A RATE AT WHICH AN UPSTREAM PROCESS FEEDS A CONDITIONED PRODUCT TO A DOWNSTREAM PROCESS**
[54] **PROCEDE DE COMMANDE D'UN DEBIT AUQUEL UN PROCESSUS EN AMONT FOURNIT UN PRODUIT CONDITIONNE A UN PROCESSUS EN AVAL**
[72] PETRI, KENNETH C., US
[72] REES, RICHARD, US
[73] HEAT & CONTROL, INC.,
[85] 2017-07-14
[86] 2016-01-15 (PCT/US2016/013538)
[87] (WO2016/115427)
[30] US (62/104,515) 2015-01-16

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[13] C
[51] **Int.Cl. E03C 1/05 (2006.01) E03C 1/04 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **FAUCET**
[54] **ROBINET**
[72] ZINDLER, JOHANN, DE
[72] BECKER, BERND, DE
[72] GUNDERSEN, ERIC, US
[73] BLANCO GMBH + CO KG,
[86] (2974388)
[87] (2974388)
[22] 2017-07-24
[30] DE (10 2016 113 832.0) 2016-07-27

[11] **2,974,400**
[13] C
[51] **Int.Cl. C10L 1/32 (2006.01)**
[25] EN
[54] **PROCESS OF PREPARING FUEL IN WATER EMULSIONS FROM OIL REFINING RESIDUES**
[54] **PROCEDE DE PREPARATION D'EMULSIONS CARBURANT DANS EAU A PARTIR DE RESIDUS DE RAFFINAGE DU PETROLE**
[72] OCAMPO BARRERA, RENE, MX
[72] ESPITIA, MARTHA GARCIA, MX
[72] CEBALLOS SERENA, ANDRES ALBERTO, MX
[73] INSTITUTO MEXICANO DEL PETROLEO,
[86] (2974400)
[87] (2974400)
[22] 2015-12-02
[62] 2,914,036
[30] MX (MX/A/2014/015589) 2014-12-17

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[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **LOAD BALANCING INTERNET PROTOCOL SECURITY TUNNELS**
[54] **TUNNELS DE SECURITE DE PROTOCOLE INTERNET POUR L'EQUILIBRAGE DE CHARGE**
[72] ROCH, EVELYNE, CA
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2017-07-21
[86] 2015-12-09 (PCT/CN2015/096833)
[87] (WO2016/115948)
[30] US (14/601,995) 2015-01-21

[11] **2,975,338**
[13] C
[51] **Int.Cl. B62M 6/50 (2010.01) B62M 3/00 (2006.01)**
[25] EN
[54] **CABLELESS ROTATIONAL SPEED, TORQUE AND OUTPUT SENSOR FOR BICYCLES**
[54] **CAPTEUR DE VITESSE DE ROTATION, DE COUPLE DE ROTATION ET DE PUISSANCE SANS CABLE POUR BICYCLETTES**
[72] GUNTER, PROPSTER, DE
[73] NCTE AG,
[85] 2017-07-28
[86] 2015-12-07 (PCT/EP2015/078882)
[87] (WO2016/119958)
[30] EP (15153187.8) 2015-01-30

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[13] C
[51] **Int.Cl. B63B 27/14 (2006.01) B63B 17/04 (2006.01) B63B 29/20 (2006.01)**
[25] EN
[54] **BOAT OR RECREATIONAL VEHICLE LADDER APPARATUS**
[54] **APPAREILLAGE D'ECHELLE DESTINE A UN VEHICULE RECREATIF OU UN BATEAU**
[72] ORSCHELN, ROBERT J., US
[72] TAYON, JEFFREY EARL, US
[72] SOUCIE, WAYNE LAWRENCE, US
[72] CHAMP, LARRY BRIAN, US
[72] SCHMIDT, MICHAEL HERBERT, US
[72] ASHTON, MICHAEL LEE, US
[73] BOBO LADDERS LLC,
[86] (2976235)
[87] (2976235)
[22] 2017-08-10
[30] US (62/373,514) 2016-08-11
[30] US (62/447,021) 2017-01-17
[30] US (15/672,521) 2017-08-09

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[13] C
[51] **Int.Cl. A23P 30/00 (2016.01) A23L 5/00 (2016.01) A23L 17/60 (2016.01)**
[25] EN
[54] **FOOD PROCESSING APPARATUS AND FOOD MANUFACTURING METHOD USING THE SAME**
[54] **APPAREIL DE TRAITEMENT DES ALIMENTS ET METHODE DE FABRICATION D'ALIMENTSA L'AIDE DUDIT APPAREIL**
[72] KIM, MYUNG HO, KR
[72] PARK, JUNG SEO, KR
[72] PARK, JOO DONG, KR
[72] PARK, HYUN WOONG, KR
[72] BACK, TAE HUM, KR
[72] LEE, DONG JIN, KR
[72] CHUNG, SU YEON, KR
[72] YUN, SANG GOO, KR
[72] LEE, CHANG YONG, KR
[73] CJ CHEILJEDANG CORPORATION,
[85] 2017-08-16
[86] 2016-02-04 (PCT/KR2016/001210)
[87] (WO2016/133303)
[30] KR (10-2015-0023431) 2015-02-16

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[13] C
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 90/50 (2016.01)**
[25] EN
[54] **POSITIONING ARM FOR A SURGICAL NAVIGATION SYSTEM**
[54] **BRAS DE POSITIONNEMENT DESTINE A UN SYSTEME DE NAVIGATION CHIRURGICALE**
[72] VERZIJLENBERG, BART, CA
[72] PHILIP, ADAM, CA
[72] BAILEY, BRENT ANDREW, CA
[72] DELL, TREVOR JAMES, CA
[72] DOWLING, SEAN, CA
[72] LUCAS, ROBERT, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC.,
[86] (2977489)
[87] (2977489)
[22] 2017-08-28

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[13] C
[51] **Int.Cl. B21B 37/28 (2006.01) B21B 37/22 (2006.01) B21B 37/74 (2006.01)**
[25] EN
[54] **EDGING METHOD AND EDGING DEVICE**
[54] **METHODE DE FABRICATION DE BORD ET DISPOSITIF DE FABRICATION DE BORD**
[72] NAKAMURA, YOJI, JP
[72] SAITOH, TOSHIAKI, JP
[72] MASHIKO, SATORU, JP
[72] KISHIMOTO, TETSUO, JP
[72] TSURUTA, AKIHISA, JP
[72] NAKADA, TATSUYA, JP
[72] KATAOKA, NAOKI, JP
[73] NIPPON STEEL CORPORATION,
[85] 2017-08-29
[86] 2016-05-13 (PCT/JP2016/064391)
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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 31/351 (2006.01)**
[25] EN
[54] **MONENSIN WATER DISPERSIBLE GRANULES BY WET GRANULATION**
[54] **GRANULES DE MONENSINE DISPERSIBLES DANS L'EAU PAR GRANULATION PAR VOIE HUMIDE**
[72] AGNEW, KIM EWING MELVILLE, US
[72] BENIKOS, CONSTANTINE PAUL, US
[72] HEWITT, WILLIAM AUSTIN, US
[72] KEY, EDWARD JOHN, US
[72] LLOYD, JOHN MALCOLM, US
[73] ELANCO US INC.,
[85] 2017-08-25
[86] 2016-04-22 (PCT/US2016/028932)
[87] (WO2016/176121)
[30] US (62/153,592) 2015-04-28

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[13] C
[51] **Int.Cl. C30B 33/06 (2006.01) C30B 29/04 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACT WITH GRADIENT INTERFACIAL LAYER**
[54] **COMPACT DE DIAMANT POLYCRISTALLIN A COUCHE INTERFACIALE DE GRADIENT**
[72] CHANG, ANDY CHENG, US
[72] SAINI, GAGAN, US
[72] LIANG, QI, US
[72] LIVELY, PAUL B., US
[72] ATKINS, WILLIAM BRIAN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-08-30
[86] 2015-04-28 (PCT/US2015/028018)
[87] (WO2016/175763)

[11] **2,978,568**
[13] C
[51] **Int.Cl. H02B 1/36 (2006.01) H02B 3/00 (2006.01) H02B 11/127 (2006.01)**
[25] EN
[54] **MOTOR CONTROL CENTER UNIT WITH RETRACTABLE STAB ASSEMBLY AND METHODS FOR USING THE SAME**
[54] **UNITE CENTRALE DE COMMANDE DE MOTEUR AVEC ENSEMBLE A LAMES RETRACTABLE ET PROCEDES D'UTILISATION ASSOCIES**
[72] ALI, ALI, US
[72] KAMINSKI, JOHN, US
[72] LORD, JEFFREY D., US
[72] PHARNE, AJIT, US
[73] SIEMENS INDUSTRY, INC.,
[85] 2017-09-01
[86] 2016-02-11 (PCT/US2016/017430)
[87] (WO2016/144472)
[30] US (PCT/US2015/019142) 2015-03-06

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[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) B60M 3/06 (2006.01) H02J 7/10 (2006.01)**
[25] EN
[54] **POWER STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE**
[72] NOGI, MASAYUKI, JP
[72] MAKI, KOJI, JP
[72] SATAKE, NOBUHIKO, JP
[73] KABUSHIKI KAISHA TOSHIBA,
[73] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION,
[85] 2017-09-06
[86] 2015-10-08 (PCT/JP2015/005119)
[87] (WO2016/147228)
[30] JP (2015-051243) 2015-03-13

[11] **2,978,998**
[13] C
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **METHOD AND KIT FOR MEASURING COMPONENT TO BE ASSAYED IN SPECIMEN**
[54] **PROCEDE POUR DOSER UN COMPOSANT A DOSER DANS UN SPECIMEN ET KIT DE DOSAGE**
[72] KAWAMURA, MIZUHO, JP
[73] HITACHI CHEMICAL DIAGNOSTICS SYSTEMS CO., LTD.,
[86] (2978998)
[87] (2978998)
[22] 2010-10-27
[62] 2,779,191
[30] JP (2009-250639) 2009-10-30

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[13] C
[51] **Int.Cl. F16D 41/20 (2006.01) B60K 25/02 (2006.01) F02B 67/06 (2006.01) F16D 7/00 (2006.01) F16H 7/20 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **ISOLATING DECOUPLER**
[54] **DISPOSITIF DE DESACCOUPLEMENT ISOLANT**
[72] SERKH, ALEXANDER, US
[73] GATES CORPORATION,
[85] 2017-09-19
[86] 2016-03-11 (PCT/US2016/021969)
[87] (WO2016/153817)
[30] US (14/667,463) 2015-03-24

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[13] C
[51] **Int.Cl. B01J 2/00 (2006.01) C05C 3/00 (2006.01) C05D 9/02 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **GRANULATION OF AMMONIUM SULFATE**
[54] **GRANULATION DE SULFATE D'AMMONIUM**
[72] BANIK, PETER, DE
[72] MATHIAK, JENS, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG,
[73] THYSSENKRUPP AG,
[85] 2017-09-20
[86] 2016-05-25 (PCT/EP2016/061810)
[87] (WO2016/189036)
[30] DE (10 2015 108 344.2) 2015-05-27

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[25] EN
[54] **CONDENSED RING DERIVATIVE, AND PREPARATION METHOD, INTERMEDIATE, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **DERIVE CYCLIQUE CONDENSE, ET PROCEDE DE PREPARATION, INTERMEDIAIRE, COMPOSITION PHARMACEUTIQUE ET UTILISATION DE CELUI-CI**
[72] XU, ZUSHENG, CN
[72] ZHANG, NONG, CN
[72] SUN, QINGRUI, CN
[72] WU, TIANZHI, CN
[73] SHANGHAI YINGLI PHARMACEUTICAL CO., LTD,
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[86] 2016-02-01 (PCT/CN2016/073043)
[87] (WO2016/150255)
[30] CN (201510131828.5) 2015-03-24

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[51] **Int.Cl. C01B 3/38 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **MONITORING THE ACTIVITY OF REFORMING CATALYST**
[54] **SURVEILLANCE DE L'ACTIVITE DE CATALYSEUR REFORMANT**
[72] ESMAILI, ALI, US
[72] ISOM, JOSHUA DAVID, US
[72] SINGH, SUYASH, US
[73] AIR PRODUCTS AND CHEMICALS, INC.,
[86] (2982103)
[87] (2982103)
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[25] EN
[54] **APPARATUS AND METHOD FOR DISPLAYING INFORMATION**
[54] **APPAREIL ET PROCEDE D'AFFICHAGE D'INFORMATIONS**
[72] DE SABATINO, JOHN M., US
[73] MOTOROLA SOLUTIONS, INC.,
[85] 2017-10-10
[86] 2016-04-13 (PCT/US2016/027245)
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[51] **Int.Cl. E21B 47/18 (2012.01) E21B 44/02 (2006.01)**
[25] EN
[54] **DOWN-HOLE COMMUNICATION ACROSS A MUD MOTOR**
[54] **COMMUNICATION DE FOND DE TROU DE PART ET D'AUTRE D'UN MOTEUR A BOUE**
[72] DOUGLAS, HUGH, GB
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-10-17
[86] 2015-05-19 (PCT/US2015/031598)
[87] (WO2016/186660)

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[51] **Int.Cl. H04S 1/00 (2006.01)**
[25] EN
[54] **AN AUDIO SIGNAL PROCESSING APPARATUS AND METHOD FOR MODIFYING A STEREO IMAGE OF A STEREO SIGNAL**
[54] **APPAREIL DE TRAITEMENT DE SIGNAL AUDIO ET PROCEDE POUR MODIFIER UNE IMAGE STEREOSCOPIQUE D'UN SIGNAL STEREOSCOPIQUE**
[72] GEIGER, JURGEN, DE
[72] GROSCHE, PETER, DE
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2017-10-20
[86] 2015-04-24 (PCT/EP2015/058879)
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[25] EN
[54] **LUMINAIRES AND LIGHT SOURCE RETENTION COMPONENTS**
[54] **LUMINAIRES ET COMPOSANTES DE MAINTIEN DE SOURCE D'ECLAIRAGE**
[72] JAMES, DOUGLAS, US
[72] DEVRIES, MARK, US
[73] INTER-LUX, INC.,
[86] (2983870)
[87] (2983870)
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[30] US (15/717,168) 2017-09-27

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[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/08 (2013.01)**
[25] EN
[54] **AUDIO DECODER AND METHOD FOR PROVIDING A DECODED AUDIO INFORMATION USING AN ERROR CONCEALMENT MODIFYING A TIME DOMAIN EXCITATION SIGNAL**
[54] **DECODEUR AUDIO ET PROCEDE DE FOURNITURE D'INFORMATIONS AUDIO DECODEES AU MOYEN D'UN MASQUAGE D'ERREURS MODIFIANT UN SIGNAL D'EXCITATION DE DOMAINE TEMPOREL**
[72] LECOMTE, JEREMIE, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[86] (2984050)
[87] (2984050)
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[25] EN
[54] **MEDIA PLAY OPTIMIZATION**
[54] **OPTIMISATION DE LA LECTURE DE MEDIAS**
[72] STEELBERG, CHAD, US
[72] STEELBERG, RYAN, US
[72] BEAUCHAMP, SCOTT, US
[72] KETCHUM, RUSSELL KEVIN, US
[73] GOOGLE LLC,
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[54] **BICYCLE CONVERTIBLE TO A STROLLER**
[54] **VELO CONVERTIBLE EN POUSSETTE**
[72] BELL, ROBERT, CA
[72] MICHENER, KALEB, CA
[73] PI MANUFACTURING INC.,
[85] 2017-10-31
[86] 2016-06-06 (PCT/CA2016/000175)
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[25] EN
[54] **METHOD FOR PRODUCING POLYUNSATURATED FATTY ACIDS**
[54] **PROCEDE POUR PRODUIRE DES ACIDES GRAS POLYINSATURES**
[72] CIRPUS, PETRA, DE
[72] BAUER, JORG, DE
[72] QIU, XIAO, CA
[72] WU, GUOHAI, CA
[72] CHENG, BIFANG, CA
[72] TRUKSA, MARTIN, CA
[72] WETJEN, TOM, DE
[73] BASF PLANT SCIENCE GMBH,
[86] (2985908)
[87] (2985908)
[22] 2007-02-21
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[25] EN
[54] **MULTI-PARAMETER OPTICAL FIBER SENSING FOR RESERVOIR COMPACTION ENGINEERING**
[54] **DETECTION PAR FIBRE OPTIQUE MULTI-PARAMETRES POUR L'INGENIERIE DE COMPACTION DE RESERVOIRS**
[72] JAASKELAINEN, MIKKO, US
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-11-17
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[25] EN
[54] **CONNECTION APPARATUS**
[54] **APPAREIL DE CONNEXION**
[72] CHRISTIE, HUNTLY, US
[72] GROVE, MICHAEL, US
[72] ADLER, PERCY, CA
[73] CHRISTIE LITES ENTERPRISES CANADA INC.,
[86] (2987176)
[87] (2987176)
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[25] EN
[54] **NOTCH PATHWAY SIGNALING INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE LA VOIE DE SIGNALISATION DE NOTCH**
[72] CLAY, JULIA MARIE, US
[72] EDGE, ALBERT, NL
[72] HIPSKIND, PHILIP ARTHUR, US
[72] GILL, JOHN C., NL
[72] PATEL, BHARVIN KUMAR, US
[72] VAN ES, HELMUTH HENDRIKUS GERARDUS, NL
[72] WROBLESKI, AARON D., US
[72] ZHAO, GAIYING, US
[73] ELI LILLY AND COMPANY,
[73] AUDION THERAPEUTICS,
[85] 2017-11-27
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[51] **Int.Cl. B61F 5/12 (2006.01) B61F 5/34 (2006.01)**
[25] EN
[54] **RAILWAY FREIGHT CAR BOGIE**
[54] **BOGIE DE WAGON FERROVIAIRE DE TRANSPORT DE MARCHANDISES**
[72] LIU, ZHENMING, CN
[72] XU, SHIFENG, CN
[72] LIU, XINQIANG, CN
[72] XU, SHANCHAO, CN
[72] KONG, WEIGANG, CN
[73] CRRC QIQIHAR ROLLING STOCK CO., LTD.,
[86] (2988013)
[87] (2988013)
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[25] EN
[54] **STEEL FOR PRESS HARDENING AND PRESS HARDENED PART MANUFACTURED FROM SUCH STEEL**
[54] **ACIER POUR UNE TREMPE A LA PRESSE ET PIECE TREMPEE A LA PRESSE FABRIQUEE A PARTIR D'UN TEL ACIER**
[72] DRILLET, PASCAL, FR
[72] POIRIER, MARIA, FR
[72] SARKAR, SUJAY, FR
[73] ARCELORMITTAL,
[85] 2017-12-20
[86] 2016-06-10 (PCT/IB2016/000788)
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[25] EN
[54] **SELF-HEAT-DISSIPATION PRESSURE-REDUCING VALVE**
[54] **VANNE DE DETENTE A DISSIPATION THERMIQUE AUTOMATIQUE**
[72] LIU, XIUMEI, CN
[72] LI, BEIBEI, CN
[72] XU, HUAWEN, CN
[72] HE, JIE, CN
[72] WANG, BINGYANG, CN
[72] JIAO, MINGLI, CN
[72] SUN, FUHUA, CN
[72] WANG, HAIBING, CN
[72] LIU, XIAOCHEN, CN
[72] DAI, ZHENZHEN, CN
[72] XIE, ZIHAO, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY,
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[25] EN
[54] **PANEL**
[54] **LATTE**
[72] LOEBEL, ARNE, DE
[72] SCHAEFERS, ERICH, DE
[73] AKZENTA PANEELE + PROFILE GMBH,
[85] 2018-01-03
[86] 2016-07-21 (PCT/EP2016/067445)
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[25] EN
[54] **BLIND FLANGE AND METHOD OF INSTALLING SAME FOR ISOLATING HAZARDOUS ENERGY WITHIN A FACILITY**
[54] **BRIDE PLEINE ET METHODE D'INSTALLATION DE LADITE BRIDE EN VUE D'ISOLER L'ENERGIE DANGEREUSE A L'INTERIEUR D'UNE INSTALLATION**
[72] KLASSEN, JASON, CA
[73] SUNCOR ENERGY INC.,
[86] (2991728)
[87] (2991728)
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[51] **Int.Cl. G01V 3/30 (2006.01) E21B 47/13 (2012.01) E21B 44/00 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **AN APPARATUS FOR WELL LOGGING**
[54] **UN APPAREIL DE DIAGRAPHIE DE PUITS**
[72] YANG, JINZHOU, CN
[72] LI, ZUOHUI, CN
[72] LIN, NAN, CN
[72] WEI, BAOJUN, CN
[72] LIU, QINGLONG, CN
[72] XIAO, HONGBING, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION,
[73] SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC,
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[87] (2992897)
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[54] **FOLDING SUN-SHADING DEVICE**
[54] **DISPOSITIF PARE-SOLEIL PLIANT**
[72] GONG, JING-SHYONG, TW
[73] SHYU FUU INDUSTRIAL CO., LTD.,
[85] 2018-01-19
[86] 2015-10-26 (PCT/CN2015/092844)
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[25] EN
[54] **STEEL SHEET MEMBER COMBINATION STRUCTURE, AUTOMOTIVE STRUCTURAL MEMBER, CENTER PILLAR, BUMPER, AND DOOR BEAM**
[54] **STRUCTURE COMBINEE D'ELEMENTS EN TOLE D'ACIER, ELEMENT STRUCTUREL POUR AUTOMOBILE, COLONNE CENTRALE, PARE-CHOCS, ET POUTRE DE PORTE**
[72] HAMADA, KOICHI, JP
[72] ONO, ATSUSHI, JP
[72] ITO, YASUNORI, JP
[73] NIPPON STEEL CORPORATION,
[85] 2018-02-07
[86] 2016-08-19 (PCT/JP2016/074241)
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[51] **Int.Cl. A24F 47/00 (2006.01)**
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[54] **ELECTRONIC VAPING MATERIAL CONTAINER**
[54] **CONTENANT DE MATERIAU DE VAPOTAGE ELECTRONIQUE**
[72] BALDER, EDWIN, US
[72] CYPHERT, GILBERT, US
[72] JULIA, DANIEL, US
[73] HEALTHIER CHOICES MANAGEMENT CORP.,
[86] (2995283)
[87] (2995283)
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[51] **Int.Cl. B64C 13/02 (2006.01) B64C 9/12 (2006.01) B64C 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLAPERON AND/OR AILERON CONTROL**
[54] **SYSTEME ET PROCEDE POUR FLAPERON OU COMMANDE D'AILERON**
[72] ROBERTS, BRAD JOHN, US
[72] WASYLYSZYN, JONATHAN ALLEN, US
[72] KISOR, RON LORENZ, US
[73] BELL HELICOPTER TEXTRON INC.,
[86] (2995510)
[87] (2995510)
[22] 2018-02-15
[30] US (15/436,225) 2017-02-17

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[25] EN
[54] **DOUBLE-STAGED OXY-FUEL BURNER**
[54] **BRULEUR D'OXYCARBURANT A DOUBLE ETAGE**
[72] D'AGOSTINI, MARK DANIEL, US
[72] SLAVEJKOV, ALEKSANDAR GEORGI, US
[72] BUZINSKI, MICHAEL DAVID, US
[72] HORAN, WILLIAM J., US
[73] AIR PRODUCTS AND CHEMICALS, INC.,
[86] (2995669)
[87] (2995669)
[22] 2018-02-16
[30] US (62/461946) 2017-02-22
[30] US (15/865911) 2018-01-09

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 17/00 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **AUTO-SHUT-IN CHEMICAL INJECTION VALVE**
[54] **SOUPAPE D'INJECTION DE PRODUITS CHIMIQUES A FERMETURE AUTOMATIQUE**
[72] MINASSA, LORENZZO BREDA, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2018-02-21
[86] 2015-10-12 (PCT/US2015/055058)
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[51] **Int.Cl. A63B 71/08 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A63B 71/12 (2006.01)**
[25] EN
[54] **PROTECTIVE ATHLETIC GARMENT**
[54] **VETEMENT DE SPORT PROTECTEUR**
[72] CONTANT, MATHIEU, CA
[72] BEAUREGARD, MARCO, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[72] LEBLANC, ALEXANDRE, CA
[73] BAUER HOCKEY LTD.,
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[25] EN
[54] **PROCESSES USING ANTIBIOTIC ALTERNATIVES IN BIOETHANOL PRODUCTION**
[54] **PROCEDES UTILISANT DES ANTIBIOTIQUES DE REMPLACEMENT DANS FABRICATION DE BIOETHANOL**
[72] WIATR, CHRISTOPHER L., US
[72] CORCORAN, MICHAEL L., US
[72] MCNEEL, THOMAS E., US
[72] CLARK, RICHARD A., US
[72] PORTO, RITA DE CASSIA BORTOTO, US
[72] OPPONG, DAVID, US
[73] BUCKMAN LABORATORIES INTERNATIONAL, INC.,
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[87] (2997864)
[22] 2011-03-16
[62] 2,793,614
[30] US (61/315,607) 2010-03-19
[30] US (61/352,521) 2010-06-08
[30] US (61/365,658) 2010-07-19

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[13] C
[51] **Int.Cl. A23N 1/02 (2006.01) C12G 1/02 (2006.01)**
[25] EN
[54] **FLUID EXTRACTION PROCESS FOR NATURAL ORGANIC PRODUCTS**
[54] **PROCEDE D'EXTRACTION DE FLUIDE POUR PRODUITS ORGANIQUES NATURELS**
[72] DSYLVA, NASH, US
[73] DSYLVA, NASH,
[85] 2018-04-06
[86] 2016-09-27 (PCT/US2016/053884)
[87] (WO2017/069918)
[30] US (62/245,470) 2015-10-23

[11] **3,002,252**
[13] C
[51] **Int.Cl. F24H 1/40 (2006.01) C05F 17/02 (2006.01) E04H 4/14 (2006.01) G05D 23/01 (2006.01)**
[25] EN
[54] **COMPOSTING WATER HEATER AND METHOD OF HEATING WATER WITH COMPOST**
[54] **CHAUFFE-EAU A COMPOSTAGE ET PROCEDE DE CHAUFFAGE D'EAU PAR DU COMPOST**
[72] LOGGIA, ROSARIO, CA
[72] CARDINALE, CLAUDIO, CA
[72] CARDINALE, ALFI, CA
[73] MEDIA K-PLUS INC./K-PLUS MEDIA INC.,
[85] 2018-04-17
[86] 2015-10-26 (PCT/CA2015/051085)
[87] (WO2016/061701)
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[51] **Int.Cl. B60P 3/30 (2006.01) B60P 1/56 (2006.01) E01C 19/20 (2006.01) E01H 10/00 (2006.01)**
[25] EN
[54] **TRUCK-MOUNTED MATERIAL SPREADER**
[54] **EPANDEUR DE MATERIAUX MONTE SUR CAMION**
[72] SANDLER, PHILIP, US
[73] SANDLER, PHILIP,
[86] (3002291)
[87] (3002291)
[22] 2011-03-09
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[25] EN
[54] **SHOOTING-TYPE TOY**
[54] **JOUET DE TIR**
[72] CHOI, JONG-ILL, KR
[73] CHOIROCK CONTENTS FACTORY CO., LTD.,
[85] 2018-04-18
[86] 2016-09-29 (PCT/KR2016/010887)
[87] (WO2017/099339)
[30] KR (10-2015-0173450) 2015-12-07
[30] KR (10-2015-0190234) 2015-12-30

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[13] C
[51] **Int.Cl. E05C 1/08 (2006.01)**
[25] EN
[54] **WINDOW TILT LATCH SYSTEM**
[54] **SYSTEME DE VERROU A BASCULE POUR FENETRE**
[72] BARTON, MICHAEL A., US
[72] LIEBEL, GORDON H., US
[72] BACZUK, ERIC A., US
[73] MILGARD MANUFACTURING INCORPORATED,
[86] (3002971)
[87] (3002971)
[22] 2011-01-26
[62] 2,729,407
[30] US (12/703,659) 2010-02-10

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[54] **METHOD FOR PRODUCING SEED CRYSTAL OF COBALT POWDER**
[54] **PROCEDE DE PRODUCTION DE CRISTAL DE GERME DE COBALT**
[72] IKEDA, OSAMU, JP
[72] YAMAGUMA, RYO-MA, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] HEGURI, SHIN-ICHI, JP
[72] KUDO, YOHEI, JP
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[73] SUMITOMO METAL MINING CO., LTD.,
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[54] **FILLING IN SURROUND VIEW AREAS BLOCKED BY MIRRORS OR OTHER VEHICLE PARTS**
[54] **REMPLISSAGE DE ZONES DE VUE PANORAMIQUE OBSTRUEES PAR DES RETROVISEURS ET AUTRES COMPOSANTS DE VEHICULE**
[72] KUEHNLE, ANDREAS U., US
[72] BOON, CATHY L., US
[72] LI, ZHENG, US
[72] MOLIN, HANS M., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC,
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[54] **SOY SAUCE-LIKE SEASONING**
[54] **ASSAISONNEMENT DE TYPE SAUCE SOJA**
[72] TAKEICHI, JUNYA, JP
[72] WADA, HIROKI, JP
[72] NAKAHARA, TAKEHARU, JP
[73] KIKKOMAN CORPORATION,
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[25] EN
[54] **DUAL-LEVER WATER-SAVING FAUCET**
[54] **ROBINET ECONOMISEUR D'EAU A DOUBLE LEVIER**
[72] DHARAMSHI, HITESH, US
[73] DHARAMSHI, HITESH,
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[25] EN
[54] **CONTENT ITEM SELECTION**
[54] **SELECTION D'ELEMENTS DE CONTENU**
[72] PERROW, MIKE, AU
[72] MACGILL, JAMES ROBERT, US
[72] ZHANG, DANA, AU
[72] VERNE, NICHOLAS, AU
[72] SYMONDS, DAVID, AU
[73] GOOGLE LLC,
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[25] EN
[54] **PATHWAY RECOGNITION ALGORITHM USING DATA INTEGRATION ON GENOMIC MODELS (PARADIGM)**
[54] **ALGORITHME DE RECONNAISSANCE DE VOIE A L'AIDE D'INTEGRATION DE DONNEES SUR DES MODELES GENETIQUES (PARADIGME)**
[72] VASKE, CHARLES J., US
[72] BENZ, STEPHEN C., US
[72] STUART, JOSHUA M., US
[72] HAUSSLER, DAVID, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,
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[72] DEMERS, GUY, CA
[73] DEMERS, GUY,
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[54] **CONNECTOR FOR SUSPENDED METAL CEILING FRAMEWORK AND CEILING EMPLOYING SAME**
[54] **CONNECTEUR POUR OSSATURE METALLIQUE DE PLAFOND SUSPENDU ET PLAFOND L'UTILISANT**
[72] LILLETTE, MATTHIEU, FR
[72] TUROT, XAVIER, FR
[72] RIGGI, PHILIPPE, FR
[73] PLAFOMETAL,
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[54] **PNEUMATIC SELF-PROPELLED IMPACT ROCK BREAKING DEVICE WITH THE ASSISTANCE OF ULTRA-HIGH-PRESSURE PULSED JET FLOW**
[54] **APPAREIL BROYEUR DE ROC A IMPACT AUTOPROPULSE PNEUMATIQUE ASSISTE PAR UNFLUX DE JET PULSE ULTRA HAUTE PRESSION**
[72] JIANG, HONGXIANG, CN
[72] DU, CHANGLONG, CN
[72] LIU, SONGYONG, CN
[72] LIU, ZENGHUI, CN
[72] YANG, DAOLONG, CN
[72] GAO, KUIDONG, CN
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[54] **PRODUIT MOULE PAR PRESSE**
[72] KUBO, MASAHIRO, JP
[72] MIYAGI, TAKASHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] SUZUKI, TOSHIYA, JP
[72] YOSHIDA, HIROSHI, JP
[73] NIPPON STEEL CORPORATION,
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[54] **MODULAR SELF-MASSAGE APPARATUS**
[54] **APPAREIL MODULAIRE D'AUTO-MASSAGE**
[72] OLSCHANSKY, CRAIG A., US
[72] HANSON, WILLIAM R., US
[72] HOLLENBECK, DONALD, US
[72] WILSON, HOWARD A., IV, US
[73] GELLIFLEX HOLDINGS, LLC,
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[54] **GENERATING INTERMEDIATE VIEWS USING OPTICAL FLOW**
[54] **GENERATION DE VUES INTERMEDIAIRES AU MOYEN D'UN FLUX OPTIQUE**
[72] CABRAL, BRIAN KEITH, US
[72] BRIGGS, FORREST SAMUEL, US
[72] POZO, ALBERT PARRA, US
[72] VAJDA, PETER, US
[73] FACEBOOK, INC.,
[85] 2018-09-26
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[25] EN
[54] **HIGH PURITY HEPARIN AND PRODUCTION METHOD THEREFOR**
[54] **HEPARINE DE PURETE ELEVEE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MUGURUMA, MICHIO, JP
[72] MURATA, HIROSHI, JP
[73] UNIVERSITY OF MIYAZAKI,
[73] FUSO PHARMACEUTICAL INDUSTRIES, LTD.,
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[54] **MOBILE AUXILIARY DISTRIBUTION STATION**
[54] **POSTE DE DISTRIBUTION AUXILIAIRE MOBILE**
[72] WALTHER, GARRETT, US
[73] FUEL AUTOMATION STATION, LLC,
[86] (3021326)
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[54] **GESTION DE REQUETES DE DONNEES**
[72] SCHECHTER, IAN, US
[72] ALLIN, GLENN JOHN, US
[73] AB INITIO TECHNOLOGY LLC,
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[54] **CONTROLLED OIL SAND TAILINGS DEPOSITION**
[54] **DEPOT CONTROLE DE RESIDUS DE SABLES BITUMINEUX**
[72] RENNARD, DAVID C., GB
[72] SCHAFFER, TINE B., CA
[72] ZAHABI, ATOOSA, CA
[72] LIU, YIJUN, US
[73] IMPERIAL OIL RESOURCES LIMITED,
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,
[86] (3026731)
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[25] EN
[54] **DYNAMIC STRETCHING, STRENGTHENING AND STABILIZATION DEVICE FOR POSTURAL CORRECTION AND RETRAINING**
[54] **ETIREMENT DYNAMIQUE, DISPOSITIF DE RENFORCEMENT ET DE STABILISATION POUR CORRECTION POSTURALE ET MAINTIEN**
[72] BURRELL, GABRIEL LUKE, US
[73] POSTURE PERFECTOR LLC,
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[25] EN
[54] **LOAD CONTROL SYSTEM AND METHOD FOR REGULATING POWER SUPPLY TO A THERMOSTAT**
[54] **SYSTEME DE COMMANDE DE CHARGE ET PROCEDE DE REGULATION D'ALIMENTATION D'UN THERMOSTAT**
[72] JOHNSON, JUSTIN BRUCE, US
[72] SLINGSBY, KARL ANDREW, US
[72] MASTERS, TIMOTHY DANIEL, US
[72] BRAGER, RYAN F., US
[73] EATON INTELLIGENT POWER LIMITED,
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[25] EN
[54] **AIR CYLINDER CART WITH MANIFOLD FOR SUPPLYING ONE OR TWO CONTROL PANELS**
[54] **CHARIOT A BOUTEILLES D'AIR COMPRIME AVEC COLLECTEUR POUR ALIMENTER UN OU DEUX PANNEAUX DE COMMANDE**
[72] INTRAVATOLA, LAWRENCE SHANE, US
[73] AIR SYSTEMS, INC. D.B.A. AIR SYSTEMS INTERNATIONAL, INC.,
[85] 2019-02-04
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[25] EN
[54] **GRIPPER, SYSTEM AND PROCESS FOR GRIPPING, ORIENTING AND HANDLING A BIOLOGICAL HORTICULTURAL OBJECT**
[54] **DISPOSITIF DE PREHENSION, SYSTEME ET PROCEDE DE PREHENSION, D'ORIENTATION ET DE MANIPULATION D'UN OBJET BIOLOGIQUE HORTICOLE**
[72] MOHR, CHRISTOPHER ALLAN DOUGLAS, CA
[72] AVIGAD, GIDEON, CA
[72] NAIDU, JYOTI PRAKASH, CA
[72] MISHRA, RANJAN KUMAR, US
[73] VINELAND RESEARCH AND INNOVATION CENTRE,
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[54] **PATIENT GAS DELIVERY MASK WITH IMPROVED GAS FLOW DISRUPTER**
[54] **MASQUE DE DISTRIBUTION DE GAZ A UN PATIENT COMPORTANT UN INTERRUPTEUR DE FLUX DE GAZ AMELIORE**
[72] MCDONALD, LISETTE, CA
[72] LAVIMODIERE, MAURICE, CA
[72] MCDONALD, SANDY, CA
[72] MCDONALD, ALEX, CA
[72] BURKE, ROBERT, CA
[72] MORUM, ANDREW, CA
[72] HAJGATO, JULIUS, CA
[73] SOUTHMEDIC INCORPORATED,
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[87] (3034142)
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[54] **DRY BULK TANK HAVING AN AIR PIPING SYSTEM**
[54] **RESERVOIR DE VRAC SEC AYANT UN SYSTEME DE TUYAUTERIE D'AIR**
[72] KIBLER, SCOTT A., US
[73] MAC TRAILER MANUFACTURING, INC.,
[86] (3034256)
[87] (3034256)
[22] 2019-02-20
[30] US (62/648,694) 2018-03-27
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[54] **MINERAL PROCESSING METHOD**
[54] **PROCEDE DE TRAITEMENT DE MINERAIS**
[72] HIRAJIMA, TSUYOSHI, JP
[72] MIKI, HAJIME, JP
[72] GDE, PANDHE WISNU SUYANTARA, JP
[72] IMAIZUMI, YUJI, JP
[72] AOKI, YUJI, JP
[72] TAKIDA, ERI, JP
[73] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION,
[73] SUMITOMO METAL MINING CO., LTD.,
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[25] FR
[54] **SPECTROPHOTOMETRIC DEVICE WITH A PLURALITY OF SPECTRAL MEASUREMENT BANDS**
[54] **DISPOSITIF SPECTROPHOTOMETRIQUE A PLUSIEURS BANDES SPECTRALES DE MESURE**
[72] PASTERNAK, FREDERIC, FR
[73] AIRBUS DEFENCE AND SPACE SAS,
[85] 2019-03-29
[86] 2017-09-29 (PCT/FR2017/052672)
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[51] **Int.Cl. B60R 9/042 (2006.01) B60R 9/048 (2006.01)**
[25] EN
[54] **REAR LOADING, DROP DOWN LADDER RACK SYSTEM & METHOD OF USE**
[54] **SYSTEME DE SUPPORT D'ECHELLE DESCENDANTE A CHARGEMENT ARRIERE ET METHODE D'UTILISATION**
[72] LIVINGSTON, NOLIN MILLER, US
[72] GETTEL, MICHAEL DUANE, US
[72] DANKOW, MARK, US
[72] RICHTER, THOMAS, US
[73] ADRIAN STEEL COMPANY,
[86] (3042047)
[87] (3042047)
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[25] EN
[54] **GAP MEASUREMENT FOR VEHICLE CONVOYING**
[54] **MESURE D'ECART POUR DEPLACEMENT DE VEHICULES EN CONVOI**
[72] SCHUH, AUSTIN B., US
[72] ERLIEN, STEPHEN M., US
[72] PLEINES, STEPHAN, US
[72] JACOBS, JOHN L., US
[72] SWITKES, JOSHUA P., US
[73] PELOTON TECHNOLOGY, INC.,
[85] 2019-05-02
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[87] (WO2018/085107)
[30] US (PCT/US2016/060167) 2016-11-02
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[25] EN
[54] **COOK WATER PREHEAT USING EVAPORATOR VAPOR HEAT RECOVERY**
[54] **PRECHAUFFAGE DE L'EAU DE CUISSON PAR RECUPERATION DE LA CHALEUR DE LA VAPEUR D'UN EVAPORATEUR**
[72] KNIGHT, JAMES, JR., US
[72] MITCHELL, OLAN WAYNE, US
[73] BIOLEAP, INC.,
[85] 2019-07-03
[86] 2019-03-14 (PCT/US2019/022190)
[87] (3048422)
[30] US (62649196) 2018-03-28

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[25] EN
[54] **CARRIAGE SIT BOX FOR REFORMER EXERCISE APPARATUS**
[54] **BANC DE CHARIOT POUR APPAREIL D'EXERCICE "REFORMER"**
[72] ENDELMAN, KEN, US
[73] BALANCED BODY, INC.,
[85] 2019-07-10
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[54] **EXTERMINATEUR D'INSECTES VOLANTS**
[72] BEAUDOIN, ROGER, CA
[71] BEAUDOIN, ROGER, CA
[22] 2018-05-16
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[51] **Int.Cl. E04F 15/18 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **RAISED ADJUSTABLE INSULATED FLOORING SYSTEM**
[54] **SYSTEME DE PLANCHER ISOLE AJUSTABLE SURELEVE**
[72] HOLOWATY, GREGORY, CA
[72] MALFATTI, STEVEN, CA
[71] HOLOWATY, GREGORY, CA
[71] MALFATTI, STEVEN, CA
[22] 2018-05-11
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[25] EN
[54] **PROCESS FOR PRODUCTION OF LITHIUM BATTERY ELECTRODES FROM BRINE**
[54] **PROCEDE DE PRODUCTION D'ELECTRODES DE BATTERIE AU LITHIUM A PARTIR DE SAUMURE**
[72] MISLAN, MICHAEL, CA
[71] LIEP ENERGY LTD., CA
[22] 2018-05-10
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[51] **Int.Cl. A23D 9/04 (2006.01) A23L 33/105 (2016.01) A23P 10/40 (2016.01) A23P 10/47 (2016.01) A23D 9/007 (2006.01)**
[25] EN
[54] **POWDERED CANNABIS PRODUCTS, PRODUCTS CONTAINING POWDERED CANNABIS AND PROCESSES OF MAKING SAME**
[54] **PRODUITS DE CANNABIS EN POUDRE, PRODUITS RENFERMANT DU CANNABIS EN POUDRE ET PROCEDES DE FABRICATION ASSOCIES**
[72] WELSH, DERRICK, CA
[72] GALITSKY, IGOR, CA
[71] XANTHIC BIOPHARMA INC., CA
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/008 (2012.01) E21B 47/07 (2012.01) E21B 43/12 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING OIL AND/OR GAS PRODUCTION**
[54] **SYSTEME ET METHODE DE CONTROLE DE LA PRODUCTION DE PETROLE ET DE GAZ**
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[71] AGILE ANALYTICS CORP., CA
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[72] CHEN, SUILAN, CA
[72] ZHAO, LIFENG, CA
[72] MARTEZ, VITSELLE, CA
[71] NEWALTA CORPORATION, CA
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[54] **SYSTEME DE PORTE DE LIVRAISON DE PAQUET RESIDENTIEL**
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[54] **METHODE DE PAIR-A-PAIR SERVANT A FACILITER LA LIVRAISON AUX CONSOMMATEURS**
[72] QUAN, KYUNG A., CA
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[54] **ALCOOL DE KOMBOUCHA ET METHODE**
[72] KUHL, DEBORAH, CA
[72] BRIDGE, KEITH, CA
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[54] **SYSTEME ELECTRIQUE ET APPAREIL D'ENTREE ELECTRIQUE ET SON ASSEMBLAGE DE PRISE ELECTRIQUE**
[72] CLARK, JOHN THOMAS, US
[72] COURSON, ANDREW WILLIAM, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **NOVEL CORROSION INHIBITION COMPOSITION AND FRACKING METHOD**
[54] **COMPOSITION D'INHIBITION DE LA CORROSION NOVATRICE ET METHODE DE FRACTURATION**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
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[72] TOEWS, A.W. (ARNIE), CA
[71] GAS LIQUIDS ENGINEERING LTD., CA
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[54] **UNE METHODE DE CONSTRUCTION D'INGENIERIE PAR FORAGE GEOLOGIQUE FONDEE SUR UN OUTIL DE FORAGE DE CAROTTAGE PAR LES TIGES**
[72] WANG, JIAN, CN
[72] LIU, XUYONG, CN
[71] ZHUHAI EAGLER SPECIALTY DRILLING EQUIPMENT CO., LTD., CN
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[54] **POLYMER BLEND CONTAINING POLYCARBONATE AND POLYSULFONE FOR COMPOSITE**
[54] **MELANGE DE POLYMERE CONTENANT UN POLYCARBONATE ET UN POLYSULFONE DESTINE A UN MATERIAU MIXTE**
[72] COAT, PIERRE, TW
[72] CHIU, SHA0-CHEN, TW
[71] COREX MATERIALS CORPORATION, TW
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[54] **CONTENANT A PAROI MINCE ET SA METHODE DE FABRICATION**
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[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[72] CHAPDELAINE, BENOIT, CA
[72] MICHAUD, PIERRE-ALAIN, CA
[71] KIMPEX INC., CA
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[72] BRAMHAM, JASON R., CA
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[54] **MATERIAU DE NANOMATERIAU COMPOSITE CIMENTEUX ET METHODES ASSOCIEES**
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[72] BANERJEE, SARBAJIT, US
[72] CHO, JUNSANG, US
[72] WAETZIG, GREGORY R., US
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[54] **METHODE ET APPAREIL DE PRODUCTION DE BANDE CONTINUE PAR IMPRESSION 3D**
[72] BAEV, BORIS, CA
[72] GOUBINA, TATIANA, CA
[72] KAGAN, JULIE, US
[72] KAGAN, HELEN, US
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[72] FRECHETTE, MICHEL H., CA
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[71] REVOACE INC. LIMITED, CN
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[54] **DISTRIBUTEUR D'ALIMENTS GRANULAIRES**
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[54] **MACHINE A TRAIRE ROTATIVE VOLONTAIRE AUTONOME ET METHODE**
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[54] **BOITIER DE DIFFUSION INTERFONCTIONNEL SECURISE PAR MOT DE PASSE UNIQUE INVERSE**
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[72] BALAKRISHNAN, SRIDHARAN, IN
[72] DUTTA, PALLAB, IN
[72] JAIN, PRIYANKA, IN
[72] GADGE, MAHESHKUMAR YADAVRAO, IN
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[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[72] KUMAMOTO, SHOSUKE, JP
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[72] GORDON, MARK T., US
[72] ROSS, DAVID T., US
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[54] **DISPOSITIF A ARC SIMPLE DESTINE A L'AVANCEMENT GRADUEL DE LA MANDIBULE**
[72] LASRY, NATHANIEL, CA
[72] GORNITSKY, MERVYN, CA
[72] SCHIPPER, HYMAN, CA
[71] IMD RESEARCH INC., CA
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[72] HRUPP, JOZE J., US
[71] EXCTA-FRAC ENERGY SERVICES, INC., US
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[72] SHAN, CAIHUA, CN
[72] GUO, ZHENG, CN
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[72] LIANG, RIXIN, CN
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[54] **DIFFUSEUR VARIABLE AYANT UN GRAIN INFERIEUR RESPECTIF POUR CHAQUE AUBE**
[72] HALL, CHRISTOPHER, US
[72] KNIGHT, GLENN, GB
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE PLC, GB
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[54] **SYSTEME DE RETENTION ET CONTROLE DE FREIN DISTRIBUE DESTINE A UN TRAIN ET METHODES ASSOCIEES**
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[72] OSWALD, JAMES A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **SUPPORT DE RACCORDEMENT D'ACCESSOIRE DE TRAVAIL DESTINE A UN VEHICULE DE TRAVAIL**
[72] SIVARAMAN, SATHISH KUMAR S., IN
[72] GUTHY, HEMA V., IN
[72] EL-ZEIN, MOHAMAD S., US
[72] PRIEGO, ISRAEL, US
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[72] SNIPES, TERRY L., US
[72] SCHWEITZER, JOHN M., US
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[54] **CONTENANT DE DISTRIBUTION ET DE MELANGE DE FLUIDE DESTINE A UN VEHICULE A MOTEUR**
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[54] **MISALIGNMENT FLANGE FOR PIPELINE INSTALLATIONS**
[54] **BRIDE DE DESALIGNEMENT DESTINEE A DES INSTALLATIONS DE PIPELINE**
[72] STOBBART, JOHN, GB
[72] SHEEHAN, MICHAEL, GB
[71] FREUDENBERG OIL & GAS, LLC, US
[22] 2019-03-29
[41] 2019-11-14
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[25] EN
[54] **FILAMENT-REINFORCED COMPOSITE MATERIAL WITH LOAD-ALIGNED FILAMENT WINDINGS**
[54] **MATERIAU COMPOSITE RENFORCE DE FILAMENT COMPORTANT DES ENROULEMENTS DE FILAMENT ALIGNES A LA CHARGE**
[72] GREENLEE, DONALD ROY, US
[72] GREENLEE, DONALD JONATHAN, US
[72] OLIGSCHLAEGER, BRIAN DAVID, US
[71] NINE DOWNHOLE TECHNOLOGIES, LLC, US
[22] 2019-04-08
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[51] **Int.Cl. C22C 18/00 (2006.01)**
[25] EN
[54] **DEGRADABLE HIGH-STRENGTH ZINC COMPOSITIONS AND METHOD OF MANUFACTURE**
[54] **COMPOSITIONS DE ZINC HAUTE RESISTANCE DEGRADABLES ET METHODE DE FABRICATION**
[72] CARIS, JOSH, US
[72] FARKAS, NICHOLAS, US
[72] SANTILLAN, GABRIEL, US
[72] SHERMAN, ANDREW, US
[71] TERVES INC., US
[22] 2019-04-09
[41] 2019-11-10
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[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **HANDHELD TRANSMITTER FOR A PORTABLE LOCK**
[54] **EMETTEUR TENU A LA MAIN DESTINE A UN VERROU PORTATIF**
[72] KOLB, MARCUS, DE
[72] MULLER, MARVIN, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2019-04-10
[41] 2019-11-11
[30] DE (102018111286.6) 2018-05-11

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[51] **Int.Cl. E05B 67/00 (2006.01) B62H 5/18 (2006.01) B62L 3/06 (2006.01)**
[25] EN
[54] **HOOP LOCK**
[54] **VERROU A BOUCLE**
[72] WEIERSHAUSEN, BERND, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2019-04-11
[41] 2019-11-11
[30] DE (102018111305.6) 2018-05-11

[21] **3,040,126**
[13] A1
[51] **Int.Cl. A63F 13/48 (2014.01) A63F 13/35 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PLAYING ONLINE GAME**
[54] **SYSTEME ET METHODE DE JEU EN LIGNE**
[72] GAUFFIN, ANTON, DE
[72] WRONOWSKI, WOJCIECH, PL
[71] HUUUGE GLOBAL LTD., CY
[22] 2019-04-12
[41] 2019-11-10
[30] US (15975948) 2018-05-10

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[13] A1
[51] **Int.Cl. G01M 17/00 (2006.01) G07C 5/08 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS, AND METHODS FOR REMOTELY CAPTURING AUTOMOTIVE VEHICLE DIAGNOSTIC INFORMATION, MONITORING, AND CONTROLLING**
[54] **APPAREILS, SYSTEMES ET METHODES DE CAPTURE A DISTANCE D'INFORMATION DIAGNOSTIQUE DE VEHICULE, SURVEILLANCE ET CONTROLE**
[72] BOLT, LOUIS, US
[72] HOSKINS, DUSTIN, US
[72] KINKADE, CHARLES, US
[72] PALMER, CHRIS, US
[71] MAHLE INTERNATIONAL GMBH, DE
[22] 2019-04-16
[41] 2019-11-10
[30] US (15/976571) 2018-05-10

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[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/12 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **OCT IMAGE PROCESSING**
[54] **TRAITEMENT D'IMAGE OCT**
[72] FLEMING, ALAN DUNCAN, GB
[72] MUYO, GONZALO, GB
[72] VERHOEK, MICHAEL, GB
[71] OPTOS PLC, GB
[22] 2019-04-16
[41] 2019-11-11
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[51] **Int.Cl. A42B 3/04 (2006.01) A41D 13/015 (2006.01) A42B 3/06 (2006.01) A63B 71/10 (2006.01) F41H 1/04 (2006.01)**
[25] EN
[54] **IMPACT DIFFUSING SYSTEM**
[54] **SYSTEME DE DIFFUSION D'IMPACT**
[72] POPEJOY, WILLIAM, US
[72] CECCHI, NICK, US
[72] OROS, THEOPHIL, US
[72] RINGHOFER, JUSTIN, US
[71] POPEJOY, WILLIAM, US
[22] 2019-04-17
[41] 2019-11-10
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[51] **Int.Cl. B64D 15/12 (2006.01) B32B 7/025 (2019.01) B64C 3/26 (2006.01) H05B 3/18 (2006.01)**
[25] EN
[54] **STRUCTURAL COMPONENT FOR AN AIRCRAFT**
[54] **COMPOSANTE STRUCTURELLE D'UN AERONEF**
[72] LINDE, PETER, DE
[72] KARCH, CHRISTIAN, DE
[72] BONACCURSO, ELMAR, DE
[71] AIRBUS OPERATIONS GMBH, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[22] 2019-04-18
[41] 2019-11-16
[30] DE (102018111703.5) 2018-05-16

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[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61M 25/14 (2006.01) A61M 39/12 (2006.01)**
[25] EN
[54] **CATHETER ARRANGEMENT AND METHOD FOR PRODUCING SUCH A CATHETER ARRANGEMENT**
[54] **ARRANGEMENT DE CATHETER ET METHODE DE PRODUCTION D'UN TEL ARRANGEMENT DE CATHETER**
[72] DUBIELZIG, EGBERT, DE
[72] KAHLEN, OLIVER, DE
[71] B. BRAUN MELSUNGEN AG, DE
[22] 2019-04-24
[41] 2019-11-16
[30] DE (102018207642.1) 2018-05-16

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[51] **Int.Cl. G01J 3/50 (2006.01) G06T 7/90 (2017.01) A61C 19/00 (2006.01) A61C 19/04 (2006.01) G01J 3/52 (2006.01)**
[25] EN
[54] **BODY PART COLOR MEASUREMENT DETECTION AND METHOD**
[54] **DETECTION DE MESURE DE COULEUR D'UNE PARTIE DU CORPS ET METHODE**
[72] ABDULWAHEED, ABDUL, US
[71] ABDULWAHEED, ABDUL, US
[22] 2019-04-17
[41] 2019-11-14
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[13] A1
[51] **Int.Cl. B65D 5/66 (2006.01) B65D 43/22 (2006.01)**
[25] EN
[54] **HINGED CLICK TO CLOSE CONTAINER**
[54] **CLIQUET A CHARNIERE SERVANT A FERMER UN CONTENANT**
[72] COOK, GRACE CATHERINE, US
[72] WALBURGER, KASSANDRA, US
[72] FOOSE, GARY JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2019-04-25
[41] 2019-11-11
[30] US (15/977,509) 2018-05-11

[21] **3,041,235**
[13] A1
[51] **Int.Cl. B65G 69/30 (2006.01)**
[25] EN
[54] **OUTDOOR MOBILE LOADING DOCK**
[54] **QUAI DE CHARGEMENT MOBILE EXTERIEUR**
[72] LEUM, GRANT, US
[71] LEUM, GRANT, US
[22] 2019-04-25
[41] 2019-11-11
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[21] **3,041,286**
[13] A1
[51] **Int.Cl. B65G 69/30 (2006.01) H02S 10/40 (2014.01)**
[25] EN
[54] **SOLAR-POWERED MOBILE LOADING DOCK**
[54] **QUAI DE CHARGEMENT MOBILE ALIMENTE A L'ENERGIE SOLAIRE**
[72] LEUM, GRANT, US
[71] LEUM, GRANT, US
[22] 2019-04-25
[41] 2019-11-11
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[13] A1
[51] **Int.Cl. F24F 11/62 (2018.01)**
[25] EN
[54] **OPERATING AN HVAC SYSTEM TO REACH TARGET TEMPERATURE EFFICIENTLY**
[54] **FONCTIONNEMENT D'UN SYSTEME CVCA POUR ATTEINDRE LA TEMPERATURE CIBLE EFFICACEMENT**
[72] BRAHME, ROHINI, US
[72] IYENGAR, AJAY, US
[72] GOKHALE, UMESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2019-04-26
[41] 2019-11-15
[30] US (15/980,182) 2018-05-15

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[51] **Int.Cl. E06C 1/12 (2006.01) E06C 1/02 (2006.01)**
[25] EN
[54] **HORIZONTALLY EXTENDABLE LADDER**
[54] **ECHELLE EXTENSIBLE HORIZONTALEMENT**
[72] SUN, SHOU-L, US
[71] SUN, SHOU-L, US
[22] 2019-04-26
[41] 2019-11-15
[30] CN (201810463319.6) 2018-05-15

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[13] A1
[51] **Int.Cl. B65D 8/06 (2006.01) B65D 6/10 (2006.01)**
[25] EN
[54] **HOLLOW BODY HAVING A WALL WITH A LAYER OF GLASS AND A PLURALITY OF PARTICLES**
[54] **CORPS CREUX AYANT UNE PAROI DOTEE D'UNE COUCHE DE VERRE ET D'UNE PLURALITE DE PARTICULES**
[72] MANGOLD, STEPHANIE, DE
[72] RUDIGIER-VOIGT, EVELINE, DE
[72] ANTON, ANDREA, DE
[71] SCHOTT AG, DE
[22] 2019-04-26
[41] 2019-11-11
[30] EP (18171782.8) 2018-05-11

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[51] **Int.Cl. C22C 18/00 (2006.01)**
[25] EN
[54] **DEGRADABLE HIGH-STRENGTH ZINC COMPOSITIONS AND METHOD OF MANUFACTURE**
[54] **COMPOSITIONS DE ZINC HAUTE RESISTANCE DEGRADABLES ET METHODE DE FABRICATION**
[72] SHERMAN, ANDREW, US
[72] CARIS, JOSH, US
[72] SANTILLAN, GABRIEL, US
[72] FARKAS, NICHOLAS, US
[71] TERVES INC., US
[22] 2019-05-01
[41] 2019-11-10
[30] US (62/669,546) 2018-05-10

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[51] **Int.Cl. F16D 65/52 (2006.01)**
[25] EN
[54] **AUTOMATIC SLACK ADJUSTER WITH ADJUSTING CLUTCH IN CONTROL TRAIN**
[54] **DISPOSITIF D'AJUSTEMENT DE JEU AUTOMATIQUE A AJUSTEMENT D'EMBRAYAGE DANS UN TRAIN DE COMMANDE**
[72] LOUIS, JOHN M., US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
[22] 2019-04-30
[41] 2019-11-14
[30] US (15/978,786) 2018-05-14

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[51] **Int.Cl. C02F 1/42 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **WATER SOFTENER APPARATUS**
[54] **APPAREIL D'ADOUCISSEUR D'EAU**
[72] SARGEANT, WILLIAM ROBERT, GB
[71] HARVEY WATER SOFTENERS LIMITED, GB
[22] 2019-05-03
[41] 2019-11-10
[30] GB (GB1807582.0) 2018-05-10

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[51] **Int.Cl. E21B 34/06 (2006.01) F04B 47/02 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY FOR DOWNHOLE PUMP OF RECIPROCATING PUMP SYSTEM**
[54] **ASSEMBLAGE DE VANNE DESTINE A UNE POMPE DE FOND DE TROU D'UN SYSTEME DE POMPE ALTERNATIVE**
[72] STACHOWIAK, JOHN E., JR., US
[72] RAMASWAMY, SANTHOSH, US
[72] BAILEY, JASON W., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2019-05-06
[41] 2019-11-16
[30] US (15/981,677) 2018-05-16

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[13] A1
[51] **Int.Cl. G01H 11/08 (2006.01) G10H 3/18 (2006.01)**
[25] EN
[54] **AN ELECTRIC SENSOR DEVICE FOR DETECTING THE VIBRATION RELATED TO AN AMPLIFICATION SYSTEM WITHIN STRINGED MUSICAL INSTRUMENTS**
[54] **UN DISPOSITIF DETECTEUR ELECTRIQUE SERVANT A DETECTER LA VIBRATION ASSOCIEE A UN SYSTEME D'AMPLIFICATION DANS LES INSTRUMENTS MUSICAUX A CORDES**
[72] CLARK, BRADLEY R., CN
[71] CLARK, BRADLEY R., CN
[71] WELLENREITER, RICHARD, CA
[22] 2019-05-06
[41] 2019-11-10
[30] CN (201810442835.0) 2018-05-10

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[51] **Int.Cl. F25J 5/00 (2006.01) C10L 3/10 (2006.01) F25J 1/00 (2006.01) F28D 5/00 (2006.01)**
[25] EN
[54] **MODULARIZED LNG SEPARATION DEVICE AND FLASH GAS HEAT EXCHANGER**
[54] **DISPOSITIF DE SEPARATION DE GNL MODULARISE ET ECHANGEUR THERMIQUE A VAPEUR INSTANTANEE**
[72] CHEN, FEI, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] WEIST, ANNEMARIE OTT, US
[72] ROBERTS, MARK JULIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2019-05-07
[41] 2019-11-11
[30] US (15/977,535) 2018-05-11

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[13] A1
[51] **Int.Cl. B62M 3/00 (2006.01) B62J 99/00 (2009.01) B62M 6/80 (2010.01) B62M 6/90 (2010.01) B62M 3/16 (2006.01)**
[25] EN
[54] **BICYCLE CRANKARM AND RELATED CRANKSET**
[54] **MANIVELLE DE BICYCLETTE ET ENSEMBLE DE MANIVELLE ASSOCIE**
[72] WAKEHAM, KEITH JOSEPH, IT
[72] FOSSATO, FABIANO, IT
[71] CAMPAGNOLO S.R.L., IT
[22] 2019-05-06
[41] 2019-11-11
[30] IT (102018000005297) 2018-05-11

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[13] A1
[51] **Int.Cl. B29C 70/70 (2006.01) B62J 99/00 (2009.01) B62M 6/80 (2010.01) B62M 3/00 (2006.01) H05K 3/28 (2006.01)**
[25] EN
[54] **BICYCLE COMPONENT MADE OF COMPOSITE MATERIAL AND RELATED MANUFACTURING PROCESS**
[54] **COMPOSANTES DE BICYCLETTE FAITE D'UN MATERIAU COMPOSITE ET PROCEDE DE FABRICATION ASSOCIE**
[72] WAKEHAM, KEITH JOSEPH, IT
[72] FOSSATO, FABIANO, IT
[72] MAURI, FELTRIN, IT
[71] CAMPAGNOLO S.R.L., IT
[22] 2019-05-06
[41] 2019-11-11
[30] IT (102018000005294) 2018-05-11

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[13] A1
[51] **Int.Cl. G01D 21/02 (2006.01) B62J 99/00 (2009.01) B62M 6/50 (2010.01) B60W 40/12 (2012.01)**
[25] EN
[54] **BICYCLE COMPONENT PROVIDED WITH A TEMPERATURE-COMPENSATED STRESS/STRAIN SENSOR**
[54] **COMPOSANTE DE BICYCLETTE COMPORTANT UN CAPTEUR DE CONTRAINTE/TENSION COMPENSEE PAR LA TEMPERATURE**
[72] WAKEHAM, KEITH JOSEPH, IT
[71] CAMPAGNOLO S.R.L., IT
[22] 2019-05-06
[41] 2019-11-11
[30] IT (102018000005299) 2018-05-11

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[13] A1
[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **LOAD TRANSFER SYSTEM FOR STANDS OF TUBULARS**
[54] **SYSTEME DE TRANSFERT DE CHARGE DESTINE A DES SUPPORTS DE TUBULAIRES**
[72] DAIGLE, JARRET, US
[72] SMITH, LOGAN, US
[72] STELLY, JOHN ERICK, US
[71] FRANK'S INTERNATIONAL, LLC, US
[22] 2019-05-07
[41] 2019-11-16
[30] US (62/672,310) 2018-05-16
[30] US (16/398,407) 2019-04-30

[21] **3,042,540**
[13] A1
[51] **Int.Cl. B23K 9/32 (2006.01)**
[25] EN
[54] **REMOVABLE WELDING WIRE SPOOL ARRANGEMENT FOR WELDING APPLICATIONS**
[54] **ARRANGEMENT DE BOBINE DE FIL DE SOUDAGE AMOVIBLE DESTINE AUX APPLICATIONS DE SOUDAGE**
[72] ELCIC, GORAN, SE
[72] DEKKER, JEROEN, SE
[71] ESAB AB, SE
[22] 2019-05-07
[41] 2019-11-14
[30] US (15/978,375) 2018-05-14

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[13] A1
[51] **Int.Cl. B62M 6/50 (2010.01)**
[25] EN
[54] **BICYCLE CRANKARM PROVIDED WITH ELECTRIC/ELECTRONIC SYSTEM**
[54] **MANIVELLE DE BICYCLETTE COMPORTANT UN SYSTEME ELECTRIQUE/ELECTRONIQUE**
[72] FOSSATO, FABIANO, IT
[72] WAKEHAM, KEITH JOSEPH, IT
[71] CAMPAGNOLO S.R.L., IT
[22] 2019-05-06
[41] 2019-11-11
[30] IT (102018000005294) 2018-05-11
[30] IT (102018000007266) 2018-07-17

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[13] A1
[51] **Int.Cl. E06B 7/16 (2006.01) E06B 7/00 (2006.01) F16L 5/00 (2006.01) F24F 1/02 (2019.01) F24F 13/00 (2006.01)**
[25] EN
[54] **REPLACEMENT WINDOW PANEL WITH AIR CONDITIONER COUPLING**
[54] **PANNEAU DE VERRE DE REMPLACEMENT A RACCORD D'APPAREIL DE CONDITIONNEMENT DE L'AIR**
[72] PEMBERTON, EDWARD LEE, US
[71] PEMBERTON, EDWARD LEE, US
[22] 2019-05-08
[41] 2019-11-11
[30] US (62/669,983) 2018-05-11

[21] **3,042,575**
[13] A1
[51] **Int.Cl. F24F 11/62 (2018.01)**
[25] EN
[54] **METHOD AND ENVIRONMENT CONTROLLER USING A NEURAL NETWORK FOR BYPASSING A LEGACY ENVIRONMENT CONTROL SOFTWARE MODULE**
[54] **METHODE ET DISPOSITIF DE CONTROLE DE L'ENVIRONNEMENT A L'AIDE D'UN RESEAU NEURONAL SERVANT A CONTOURNER UN MODULE LOGICIEL DE CONTROLE DE L'ENVIRONNEMENT HERITE**
[72] GERVAIS, FRANCOIS, CA
[71] DISTECH CONTROLS INC, CA
[22] 2019-05-08
[41] 2019-11-16
[30] US (15/981,368) 2018-05-16

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[13] A1
[51] **Int.Cl. A01M 7/00 (2006.01) A01C 23/00 (2006.01) A01G 25/16 (2006.01) B05B 12/00 (2018.01) G05D 3/12 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING THE OPERATION OF AGRICULTURAL SPRAYERS**
[54] **SYSTEME ET METHODE DE CONTROLE DE L'OPERATION DES EPANDEUSES AGRICOLES**
[72] SMITH, KEVIN M., US
[72] STANHOPE, TREVOR, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2019-05-08
[41] 2019-11-15
[30] US (15/979,739) 2018-05-15

[21] **3,042,600**
[13] A1
[51] **Int.Cl. E04B 1/80 (2006.01) E04B 1/70 (2006.01)**
[25] EN
[54] **VENTILATED AND DRAINING FOAM INSULATION PANEL FOR BUILDING CONSTRUCTION**
[54] **PANNEAU D'ISOLATION EN MOUSSE VENTILE ET DRAINANT DESTINE A LA CONSTRUCTION DE BATIMENT**
[72] LOLLEY, KEITH A., US
[71] ADVANCED BUILDING PRODUCTS, INC., US
[22] 2019-05-08
[41] 2019-11-11
[30] US (62/670,019) 2018-05-11
[30] US (62/732,742) 2018-09-18
[30] US (62/743,594) 2018-10-10
[30] US (16/401,151) 2019-05-02

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[13] A1
[51] **Int.Cl. F25B 39/04 (2006.01) F24F 1/22 (2011.01) F24F 1/38 (2011.01)**
[25] EN
[54] **CONDENSER FAN MOTOR MOUNTS AND GUARDS**
[54] **SUPPORTS ET PROTECTEURS DE MOTEUR DE VENTILATEUR DE CONDENSEUR**
[72] TROUTMAN, ALBERT STEPHEN, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2019-05-08
[41] 2019-11-14
[30] US (15/979,450) 2018-05-14

[21] **3,042,635**
[13] A1
[51] **Int.Cl. F04D 29/22 (2006.01) F04D 7/02 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **IMPELLER PUMP**
[54] **POMPE DE PROPULSEUR**
[72] DECLERCK, DAVE, US
[72] KRUG, KARL ALEXANDER, US
[72] MCCLARAN, JASON ALEXANDER, US
[71] MP PUMPS INC., US
[22] 2019-05-08
[41] 2019-11-10
[30] US (15/976,523) 2018-05-10

[21] **3,042,651**
[13] A1
[51] **Int.Cl. A47B 21/013 (2006.01) A47B 9/00 (2006.01) A47B 19/10 (2006.01) A47B 21/04 (2006.01)**
[25] EN
[54] **HEIGHT-ADJUSTABLE WORKSTATION AND OUTPUT-ADJUSTING TASK LIGHT**
[54] **POSTE DE TRAVAIL A HAUTEUR AJUSTABLE ET LAMPE DE TRAVAIL A PUISSANCE AJUSTABLE**
[72] SMITH, DANNION RIGGS, CA
[72] ZEBARJAD, HAMID, CA
[72] SINCLAIR, ADAM DOUGLAS HAWORTH, CA
[72] MICHAELIS, RYAN CHRISTOPHER, CA
[72] SHAHEEN, HANNA, CA
[72] NAKUHDA, AZAM, CA
[72] ZHANG, JUN, CA
[71] TEKNION LIMITED, CA
[22] 2019-05-08
[41] 2019-11-14
[30] US (62/671,231) 2018-05-14

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[13] A1
[51] **Int.Cl. G16H 10/60 (2018.01) G06F 21/60 (2013.01) G06F 16/90 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING DATA PRIVACY**
[54] **SYSTEMES ET METHODES DE GESTION DE LA CONFIDENTIALITE DES DONNEES**
[72] LIVESAY, JEFF, US
[72] PLETCHER, TIM, US
[71] MICHIGAN HEALTH INFORMATION NETWORK SHARED SERVICES, US
[22] 2019-05-07
[41] 2019-11-11
[30] US (15/977,690) 2018-05-11

[21] **3,042,761**
[13] A1
[51] **Int.Cl. H04W 4/024 (2018.01) H04W 4/80 (2018.01)**
[25] EN
[54] **LOCATION-BASED REAL-TIME DIGITAL ASSISTANT**
[54] **ASSISTANT NUMERIQUE EN TEMPS REEL FONDE SUR L'EMPLACEMENT**
[72] CHOO, DJEN, CA
[72] ISHERWOOD, ANDREW JOHN, CA
[72] MATTA, SANIL, CA
[72] SEO, STEPHEN, CA
[71] MERCATUS TECHNOLOGIES INC., CA
[22] 2019-05-09
[41] 2019-11-11
[30] US (62/670,192) 2018-05-11

[21] **3,042,782**
[13] A1
[51] **Int.Cl. A47C 17/38 (2006.01) F16P 3/00 (2006.01)**
[25] EN
[54] **ANTI-SHEARING AND ANTI-CRUSHING DEVICE ON A RETRACTABLE BED**
[54] **DISPOSITIF ANTI-CISAILLEMENT ET ANTI-BROYAGE SUR UN LIT RETRACTABLE**
[72] COUTURE, ALAIN, CA
[71] BESTAR INC., CA
[22] 2019-05-08
[41] 2019-11-16
[30] US (62/672,128) 2018-05-16

[21] **3,042,785**
[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) H04W 12/06 (2009.01) H04W 84/20 (2009.01) H04W 76/14 (2018.01) E05B 67/00 (2006.01) E05B 73/00 (2006.01) H01R 24/00 (2011.01) H02K 7/14 (2006.01)**
[25] EN
[54] **PORTABLE LOCK**
[54] **VERROU PORTATIF**
[72] KOLB, MARCUS, DE
[72] MULLER, MARVIN, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2019-05-09
[41] 2019-11-11
[30] DE (102018111296.3) 2018-05-11

[21] **3,042,786**
[13] A1
[51] **Int.Cl. B62H 5/20 (2006.01)**
[25] EN
[54] **BRAKE DISK LOCK**
[54] **VERROU DE FREIN A DISQUE**
[72] KOLB, MARUS, DE
[72] MULLER, MARVIN, DE
[72] WEIERSHAUSEN, BERND, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2019-05-09
[41] 2019-11-11
[30] DE (102018111287.4) 2018-05-11

[21] **3,042,787**
[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) H04W 12/02 (2009.01) H04W 12/04 (2009.01) H04W 4/30 (2018.01)**
[25] EN
[54] **LOCKING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE**
[72] KOLB, MARCUS, DE
[72] MULLER, MARVIN, DE
[72] THEIS, MARKUS, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2019-05-09
[41] 2019-11-11
[30] DE (102018111290.4) 2018-05-11

[21] **3,042,788**
[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) E05B 37/00 (2006.01) E05B 49/00 (2006.01) E05B 73/00 (2006.01)**
[25] EN
[54] **PORTABLE LOCK**
[54] **VERROU PORTATIF**
[72] KOLB, MARCUS, DE
[72] MULLER, MARVIN, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2019-05-09
[41] 2019-11-11
[30] DE (102018111301.3) 2018-05-11

[21] **3,042,802**
[13] A1
[51] **Int.Cl. B32B 1/02 (2006.01) A61J 1/14 (2006.01) B32B 1/04 (2006.01) B65D 1/02 (2006.01) B65D 1/09 (2006.01)**
[25] EN
[54] **HOLLOW BODY HAVING A WALL WITH A LAYER OF GLASS AND AT LEAST ONE ELEVATED REGION**
[54] **CORPS CREUX AYANT UNE PAROI DOTEE D'UNE COUCHE DE VERRE ET D'AU MOINS UNE REGION ELEVEE**
[72] MANGOLD, STEPHANIE, DE
[72] RUDIGIER-VOIGT, EVELINE, DE
[72] SWEECK, TAMARA, DE
[71] SCHOTT AG, DE
[22] 2019-05-09
[41] 2019-11-11
[30] EP (18171783.6) 2018-05-11

[21] **3,042,810**
[13] A1
[51] **Int.Cl. B60R 9/06 (2006.01)**
[25] EN
[54] **BALLAST DEVICE FOR A VEHICLE**
[54] **DISPOSITIF DE LEST DE VEHICULE**
[72] ASH, DEREK, CA
[72] KROPF, DARIN, CA
[71] ASH, DEREK, CA
[22] 2019-05-10
[41] 2019-11-14
[30] US (62/671,194) 2018-05-14

[21] **3,042,813**
[13] A1
[51] **Int.Cl. F24F 11/63 (2018.01) F24F 11/56 (2018.01) G06N 3/08 (2006.01)**
[25] EN
[54] **METHOD AND ENVIRONMENT CONTROLLER FOR VALIDATING A PREDICTIVE MODEL OF A NEURAL NETWORK THROUGH INTERACTIONS WITH THE ENVIRONMENT CONTROLLER**
[54] **METHODE ET CONTROLEUR D'ENVIRONNEMENT SERVANT A VALIDER UN MODELE PREDICTIF D'UN RESEAU NEURONAL D'APRES LES INTERACTIONS AVEC LE CONTROLEUR D'ENVIRONNEMENT**
[72] GERVAIS, FRANCOIS, CA
[71] DISTECH CONTROLS INC., CA
[22] 2019-05-09
[41] 2019-11-16
[30] US (15/981,342) 2018-05-16

[21] **3,042,816**
[13] A1
[51] **Int.Cl. B23D 61/06 (2006.01) A01B 15/16 (2006.01) A01B 23/06 (2006.01)**
[25] EN
[54] **SAW TOOTH HOLDER, CUTTING DISK FOR A ROTARY CUTTING MACHINE AND ROTARY CUTTING MACHINE INCLUDING SAME**
[54] **SUPPORT DE DENT DE SCIE, DISQUE DE COUPE DESTINE A UNE MACHINE DE COUPE ROTATIVE ET MACHINE DE COUPE ROTATIVE EQUIPE DUDIT DISQUE**
[72] MACLENNAN, STEPHEN, CA
[71] INDUSTRIES FORESTIERES PRO PAC LTEE, CA
[22] 2019-05-09
[41] 2019-11-11
[30] US (62/670,316) 2018-05-11

[21] **3,042,822**
[13] A1
[51] **Int.Cl. A47G 9/02 (2006.01)**
[25] EN
[54] **CENTRAL ACCESS DUVET COVER WITH COVERABLE OPENING**
[54] **COUVRE-DUVET A ACCES CENTRAL DOTE D'UNE OUVERTURE RECOUVRABLE**
[72] MUTHANANDAM, SARAVAN, US
[71] STANDARD TEXTILE CO., INC., US
[22] 2019-05-09
[41] 2019-11-11
[30] US (62/670,128) 2018-05-11

[21] **3,042,825**
[13] A1
[51] **Int.Cl. B65D 25/00 (2006.01) B65D 23/00 (2006.01) B65D 33/04 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **PACKAGING WITH AROMA DETECTION FEATURE**
[54] **EMBALLAGE DOTE D'UNE FONCTIONNALITE DE DETECTION D'AROME**
[72] PARLE, DARRIN, US
[71] PARLE, DARRIN, US
[22] 2019-05-09
[41] 2019-11-10
[30] US (62/762,572) 2018-05-10
[30] US (16/136,615) 2018-09-20

[21] **3,042,894**
[13] A1
[51] **Int.Cl. C04B 28/00 (2006.01) B28C 5/00 (2006.01) B28C 5/40 (2006.01) C04B 18/24 (2006.01) C04B 20/02 (2006.01) C09K 8/467 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **CEMENTITOUS NANOCOMPOSITE MATERIAL AND RELATED METHODS**
[54] **MATERIAU DE NANOMATERIAU COMPOSITE CIMENTEUX ET METHODES ASSOCIEES**
[72] HONG, CLAIRE YIH PING, CA
[72] BANERJEE, SARBAJIT, US
[72] CHO, JUNSANG, US
[72] WAETZIG, GREGORY R., US
[71] CENOVUS ENERGY INC., CA
[22] 2019-05-10
[41] 2019-11-11
[30] CA (3,004,870) 2018-05-11

[21] **3,042,895**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06F 7/58 (2006.01)**
[25] EN
[54] **GENERATING A RANDOM VERIFICATION CODE FOR A TRANSACTION**
[54] **GENERATION D'UN CODE DE VERIFICATION ALEATOIRE D'UNE TRANSACTION**
[72] EDWARDS, JOSHUA, US
[72] BENKREIRA, ABDELKADAR M'HAMED, US
[72] MOSSABA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-05-10
[41] 2019-11-15
[30] US (15/980175) 2018-05-15

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[13] A1
[51] **Int.Cl. B65D 90/06 (2006.01)**
[25] EN
[54] **WRAP SYSTEMS**
[54] **SYSTEMES D'EMBALLAGE**
[72] ZETTELL, ADRIAN WILLIAM, US
[71] THE DRAGON GROUP, LLC, US
[22] 2019-05-09
[41] 2019-11-10
[30] US (15/976,663) 2018-05-10

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[21] **3,042,898**
[13] A1
[51] **Int.Cl. H04B 1/40 (2015.01) H04W 4/12 (2009.01) H04W 92/08 (2009.01) H04B 7/26 (2006.01)**
[25] EN
[54] **COMMUNICATION MODULE FOR TRANSMISSION OF AIRCRAFT DATA**
[54] **MODULE DE COMMUNICATION SERVANT A LA TRANSMISSION DES DONNEES D'UN AERONEF**
[72] MILLER, JONATHAN MARK, US
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-05-09
[41] 2019-11-15
[30] US (15/980,360) 2018-05-15

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[21] **3,042,901**
[13] A1
[51] **Int.Cl. F01C 20/28 (2006.01) F02B 53/02 (2006.01) F02B 77/08 (2006.01) F02D 41/30 (2006.01) G01M 15/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NON-FUNCTIONAL COMBUSTION CHAMBER DETECTION**
[54] **METHODE ET SYSTEME DE DETECTION DE CHAMBRE DE COMBUSTION NON FONCTIONNELLE**
[72] LANKTREE, MICHAEL, CA
[72] GAGNON-MARTIN, DAVID, CA
[72] VILLENEUVE, BRUNO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-05-09
[41] 2019-11-15
[30] US (15/980,724) 2018-05-15

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[21] **3,042,904**
[13] A1
[51] **Int.Cl. A47C 1/031 (2006.01) A47C 17/17 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **LOUNGE CHAIR FOR AIRCRAFT**
[54] **CHAISE LONGUE DESTINEE A UN AERONEF**
[72] BANG, SEUNG JOON, CA
[72] GAGNON-SEGUIN, LOUIS, CA
[72] ERHEL, PHILIPPE, CA
[72] FAGAN, TIM, CA
[72] CURTHELET, ALEXANDRE, CA
[72] DUMAIS, VINCENT, CA
[72] BARDIER, RENE, CA
[72] FROMONT, PAUL, CA
[72] LADD, GRADYN, CA
[72] GUIMOND, JEAN-PHILLIPPE, CA
[72] BRUNET, MARIO, CA
[71] BOMBARDIER INC., CA
[22] 2019-05-13
[41] 2019-11-14
[30] US (62/671,106) 2018-05-14

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[21] **3,042,905**
[13] A1
[51] **Int.Cl. B65D 71/70 (2006.01) A47B 73/00 (2006.01) B65D 1/36 (2006.01) B65D 85/42 (2006.01)**
[25] EN
[54] **SUPPORTING STRUCTURE FOR CONCURRENTLY SUPPORTING A PLURALITY OF CONTAINERS FOR SUBSTANCES FOR PHARMACEUTICAL, MEDICAL OR COSMETIC APPLICATIONS, AND TRANSPORT STRUCTURE COMPRISING THE SAME**
[54] **STRUCTURE DE SUPPORT SERVANT A SUPPORTER DE MANIERE CONCURRENTE UNE PLURALITE DE CONTENANTS DE SUBSTANCES DESTINEES A DES APPLICATIONS PHARMACEUTIQUES, MEDICALES OU COSMETIQUES, ET STRUCTURE DE TRANSPORT COMPORTANT LADITE STRUCTURE**
[72] HILBER, DAVID, CH
[72] RENZ, MARKUS, CH
[72] KOMANN, CHRISTIAN, CH
[71] SCHOTT SCHWEIZ AG, CH
[22] 2019-05-10
[41] 2019-11-14
[30] DE (10 2018 111 491.5) 2018-05-14

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[21] **3,042,906**
[13] A1
[51] **Int.Cl. B27B 19/09 (2006.01) B23D 49/00 (2006.01) B25F 5/00 (2006.01) F16D 71/00 (2006.01)**
[25] EN
[54] **POWER TOOLS WITH CUTTING ELEMENT POSITION CONTROL**
[54] **OUTILS ELECTRIQUES DOTES D'UN CONTROLE DE POSITION D'ELEMENT COUPANT**
[72] YANG, NING, CN
[72] XIE, LI HUA, CN
[72] LI, YONG MIN, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2019-05-10
[41] 2019-11-10
[30] CN (201810443286.9) 2018-05-10

[21] **3,042,908**
[13] A1
[51] **Int.Cl. A43B 7/22 (2006.01) A43B 3/02 (2006.01) A43B 7/32 (2006.01)**
[25] EN
[54] **METATARSAL GUARD FOR SAFETY FOOTWEAR AND METHOD FOR MANUFACTURING THE SAME**
[54] **PROTECTEUR DE METATARSE DESTINE A UNE CHAUSSURE DE SECURITE ET METHODE DE FABRICATION ASSOCIEE**
[72] BERGERON, CHRISTIAN, CA
[71] CHAUSSURES REGENCE INC., CA
[22] 2019-05-10
[41] 2019-11-15
[30] US (62/671.621) 2018-05-15

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[21] **3,042,916**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/16 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSESSING SENSORIMOTOR PERFORMANCE**
[54] **METHODE ET APPAREIL D'EVALUATION DE LA PERFORMANCE SENSORIMOTRICE**
[72] SCOTT, STEPHEN H., CA
[72] PARK, KAYNE, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 2019-05-10
[41] 2019-11-10
[30] US (62/669,714) 2018-05-10

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[21] **3,042,917**
[13] A1
[51] **Int.Cl. E21B 43/27 (2006.01) C09K 8/52 (2006.01) C09K 8/74 (2006.01) E21B 31/00 (2006.01) E21B 41/02 (2006.01) E21B 43/25 (2006.01) C09K 8/54 (2006.01) E21B 33/12 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **NOVEL DOWNHOLE METHODS**
[54] **METHODES DE FOND DE TROU NOVATRICES**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2019-05-10
[41] 2019-11-11
[30] CA (3,004,675) 2018-05-11

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[21] **3,042,921**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **MACHINE NATURAL LANGUAGE PROCESSING FOR SUMMARIZATION AND SENTIMENT ANALYSIS**
[54] **TRAITEMENT MACHINE DU LANGAGE NATUREL SERVANT AU RESUME ET A L'ANALYSE DE SENTIMENT**
[72] CAI, YIXIAN, CA
[72] GHADERI, AMIR, CA
[72] HU, PEI, CA
[72] CHAVDA, CHETANA, CA
[72] KHIRWADKAR, ANKIT, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2019-05-10
[41] 2019-11-10
[30] US (62/669,488) 2018-05-10
[30] US (62/669,484) 2018-05-10

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[21] **3,042,922**
[13] A1
[51] **Int.Cl. G01N 15/08 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MEASURING A PARAMETER OF A CORE SAMPLE**
[54] **METHODE ET SYSTEME DE MESURE D'UN PARAMETRE D'UN ECHANTILLON PRINCIPAL**
[72] CLARKSON, CHRISTOPHER R., CA
[72] VAHEDIAN, ATENA, CA
[72] GHANIZADEH, AMIN, CA
[72] CHENGYAO, SONG, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2019-05-09
[41] 2019-11-15
[30] US (62/671,727) 2018-05-15

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[21] **3,042,926**
[13] A1
[51] **Int.Cl. G06F 17/27 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **TECHNOLOGY INCIDENT MANAGEMENT PLATFORM**
[54] **PLATEFORME DE GESTION D'INCIDENT TECHNOLOGIQUE**
[72] CAI, YIXIAN, CA
[72] GHADERI, AMIR, CA
[72] HU, PEI, CA
[72] CHAVDA, CHETANA, CA
[72] KHIRWADKAR, ANKIT, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2019-05-10
[41] 2019-11-10
[30] US (62/669,484) 2018-05-10

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[21] **3,042,934**
[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 17/20 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING ELECTRONIC DOCUMENTS BASED ON SENSITIVITY OF INFORMATION**
[54] **METHODE ET SYSTEME DE GESTION DES DOCUMENTS ELECTRONIQUES FONDES SUR LA SENSIBILITE DE L'INFORMATION**
[72] JEAN-LOUIS, LUDOVIC, CA
[71] NETGOVERN INC., CA
[22] 2019-05-10
[41] 2019-11-12
[30] US (62670741) 2018-05-12

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[21] **3,042,935**
[13] A1
[51] **Int.Cl. A47B 37/00 (2006.01) A01G 24/00 (2018.01) A47B 9/02 (2006.01) A47B 13/08 (2006.01) B25H 1/04 (2006.01) B25H 1/16 (2006.01)**
[25] EN
[54] **WORKSTATIONS FOR PROCESSING MATERIAL INTO COMPONENTS**
[54] **POSTES DE TRAVAIL DE TRAITEMENT DE MATERIAU EN COMPOSANTES**
[72] PALMER, GARY, US
[71] PALMER, GARY, US
[22] 2019-05-10
[41] 2019-11-14
[30] US (62/671313) 2018-05-14

[21] **3,043,052**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61J 1/14 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **CLOSURE PIECE FOR A CONTAINER FOR PHARMACEUTICAL PREPARATIONS, AND CONTAINER PROVIDED WITH THIS CLOSURE PIECE**
[54] **PIECE DE FERMETURE D'UN CONTENANT DE PREPARATIONS PHARMACEUTIQUES, ET CONTENANT COMPORTANT CETTE PIECE DE FERMETURE**
[72] KUCUK, MUSTAFA, CH
[71] SCHOTT SCHWEIZ AG, CH
[22] 2019-05-13
[41] 2019-11-14
[30] DE (10 2018 111 449.4) 2018-05-14
[30] DE (20 2018 102 680.1) 2018-05-14

[21] **3,043,053**
[13] A1
[51] **Int.Cl. H04N 21/2668 (2011.01) H04N 21/4363 (2011.01) G06F 16/70 (2019.01)**
[25] EN
[54] **HANDLING ADVERTISEMENT PLACEMENT WITHIN A DECISIONED ADVERTISEMENT**
[54] **TRAITEMENT DU POSITIONNEMENT D'ANNONCE DANS UNE ANNONCE DECIDEE**
[72] MILFORD, MATTHEW A., US
[72] AKKALA, SRINIVASA R., US
[72] LUPPI, JACQUELINE ANN, US
[72] ROMRELL, DAVID A., US
[71] ARRIS ENTERPRISES LLC, US
[22] 2019-05-13
[41] 2019-11-11
[30] US (62/670,232) 2018-05-11

[21] **3,043,055**
[13] A1
[51] **Int.Cl. A63B 59/50 (2015.01) A63B 60/54 (2015.01) B32B 1/08 (2006.01)**
[25] EN
[54] **BALL BAT WITH DECOUPLED BARREL**
[54] **BATON DE JEU DE BALLE A TUBE DECOUPLE**
[72] CHAUVIN, DEWEY, US
[72] HUNT, LINDA, US
[72] MONTGOMERY, IAN, US
[72] ST-LAURENT, FREDERIC, US
[71] EASTON DIAMOND SPORTS, LLC, US
[22] 2019-05-10
[41] 2019-11-10
[30] US (15/976,746) 2018-05-10

[21] **3,043,058**
[13] A1
[51] **Int.Cl. B65D 5/43 (2006.01) B65D 5/54 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT CARTON**
[54] **CARTON INVIOLABLE**
[72] HAIDACHER, VICTOR STEVEN, US
[72] SCHENCK DUSTIN R., US
[72] BANI, EDWARD A., US
[72] GALLAGHER, MEGAN, US
[72] IANNELLI, GREG, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2019-05-13
[41] 2019-11-14
[30] US (62/670997) 2018-05-14

[21] **3,043,059**
[13] A1
[51] **Int.Cl. E04G 21/18 (2006.01)**
[25] EN
[54] **ALIGNMENT TOOL FOR POSITIONING FRAMING MEMBERS IN A BUILDING FRAME**
[54] **OUTIL D'ALIGNEMENT SERVANT A POSITIONNER DES ELEMENTS DE STRUCTURE DANS UNE STRUCTURE DE BATIMENT**
[72] KRACHT, WILLIAM E., IV, US
[71] KRACHT, WILLIAM E., IV, US
[22] 2019-05-13
[41] 2019-11-11
[30] US (62/670236) 2018-05-11

[21] **3,043,066**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF RIBOCICLIB AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DE RIBOCICLIB ET D'INTERMEDIAIRES ASSOCIES**
[72] DOU, DAOKE, CN
[72] LI, KANGYING, CN
[72] ZHANG, FUCHANG, CN
[72] PEI, JIANG, CN
[72] GUO, WANCHENG, CN
[71] APOTEX INC., CA
[22] 2019-05-13
[41] 2019-11-14
[30] US (62671025) 2018-05-14

[21] **3,043,072**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/05 (2006.01) A61B 6/00 (2006.01) A61M 25/095 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **CORRECTING MAP SHIFTING OF A CATHETER POSITION TRACKING SYSTEM**
[54] **DECALAGE DE PLAN DE CONNEXION D'UN SYSTEME DE SUIVI DE POSITION DE CATHETER**
[72] RAZ, SHAUL HAIM, IL
[72] ROSENBERG, AVIGDOR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-05-13
[41] 2019-11-14
[30] US (15/979,078) 2018-05-14

[21] **3,043,073**
[13] A1
[51] **Int.Cl. B63H 25/26 (2006.01) B63H 20/12 (2006.01) H02K 33/00 (2006.01)**
[25] EN
[54] **ELECTRIC ACTUATOR FOR A MARINE VESSEL**
[54] **ACTIONNEUR ELECTRIQUE DESTINE A UNE EMBARCATION MARINE**
[72] DAVIDSON, NOAM, CA
[72] REDFERN, RICHARD, CA
[72] ASTAFANUS, EDMOND, CA
[72] FETCHKO, ERIC, CA
[72] DYCK, MARK, CA
[72] CHAN, ANSON, CA
[72] CARLSON, IAN, CA
[72] WONG, RAY, CA
[71] MARINE CANADA ACQUISITION INC., CA
[71] YAMAHA MOTOR CO., LTD., JP
[22] 2019-05-13
[41] 2019-11-14
[30] US (15/978,772) 2018-05-14
[30] US (15/978,788) 2018-05-14

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[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/00 (2006.01) A61B 17/92 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ORTHOPEDIC ADAPTER FOR AN ELECTRIC IMPACTING TOOL**
[54] **ADAPTATEUR ORTHOPEDIQUE DESTINE A UN OUTIL ELECTRIQUE A PERCUSSION**
[72] PEDICINI, CHRISTOPHER, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2019-05-13
[41] 2019-11-14
[30] US (15/978,763) 2018-05-14

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[13] A1
[51] **Int.Cl. C07D 455/06 (2006.01) A61K 9/20 (2006.01) A61K 31/352 (2006.01) A61K 31/4745 (2006.01) A61P 25/14 (2006.01) C07D 311/30 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORMS OF BENZOQUINOLINE INHIBITORS OF VESICULAR MONOAMINE TRANSPORTER 2**
[54] **NOUVELLES FORMES CRISTALLINES D'INHIBITEURS BENZOQUINOLINE DE TRANSPORTEUR DE MONOAMINES VESICULAIRE 2**
[72] SOUZA, FABIO E. S., CA
[72] KHALILI, BAHAREH, CA
[72] REY, ALLAN W., CA
[71] APOTEX INC, CA
[22] 2019-05-13
[41] 2019-11-14
[30] US (62671002) 2018-05-14

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/16 (2006.01) A01C 7/18 (2006.01)**
[25] EN
[54] **SEED DRILL WITH ELECTRIC METERING SYSTEM**
[54] **SEMOIR A GRAINS DOTE D'UN SYSTEME DE DOSAGE ELECTRIQUE**
[72] WILHELMI, MATTHEW, US
[71] KINZE MANUFACTURING, INC., US
[22] 2019-05-10
[41] 2019-11-11
[30] US (62/670,083) 2018-05-11

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[51] **Int.Cl. A47F 5/00 (2006.01) A47B 55/02 (2006.01) A47B 57/58 (2006.01) A47F 5/01 (2006.01) B65G 1/02 (2006.01)**
[25] EN
[54] **SHELVING RACK HAVING BOTTOM SUPPORT PANEL WITH MOVEABLE DIVIDERS**
[54] **SUPPORT D'ETAGERE COMPORTANT UN PANNEAU DE SUPPORT DE FOND A DIVISEURS AMOVIBLES**
[72] ONDRASIK, JOHN V., US
[71] THE ONDRASIK FAMILY TRUST DATED 11/3/1999, US
[22] 2019-05-13
[41] 2019-11-14
[30] US (15/979233) 2018-05-14

[21] **3,043,093**
[13] A1
[51] **Int.Cl. F16C 11/10 (2006.01) A47C 1/026 (2006.01) A47C 7/00 (2006.01) F16C 11/04 (2006.01) F16M 11/06 (2006.01)**
[25] EN
[54] **PIVOTABLE JOINT TO ADJUST A FUNCTIONAL PART, IN PARTICULAR AN ITEM OF FURNITURE**
[54] **JOINT PIVOTANT SERVANT A AJUSTER UNE PIECE FONCTIONNELLE, EN PARTICULIER UN ARTICLE D'AMEUBLEMENT**
[72] SARTISOHN, ERICH, DE
[71] FERDINAND LUSCH GMBH & CO. KG, DE
[22] 2019-05-13
[41] 2019-11-14
[30] DE (10 2018 111 394.3) 2018-05-14

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[51] **Int.Cl. F16C 11/10 (2006.01) A47C 1/026 (2006.01) A47C 7/00 (2006.01) F16C 11/04 (2006.01) F16M 11/04 (2006.01)**
[25] EN
[54] **PIVOT JOINT WITH DEFINED PRESSURE POINT**
[54] **JOINT PIVOTANT AYANT UN POINT DE PRESSION DEFINI**
[72] SARTISOHN, ERICH, DE
[71] FERDINAND LUSCH GMBH & CO. KG, DE
[22] 2019-05-13
[41] 2019-11-14
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/05 (2006.01)**
[25] EN
[54] **CALIBRATION JIG FOR A CATHETER COMPRISING A POSITION SENSOR**
[54] **TRETEAU D'ETALONNAGE DESTINE A UN CATHETER COMPORTANT UN CAPTEUR DE POSITION**
[72] RACHELI, NOAM, IL
[72] BUSTAN, ITAMAR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-05-14
[41] 2019-11-15
[30] US (15/980,625) 2018-05-15

[21] **3,043,207**
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[51] **Int.Cl. G06F 8/60 (2018.01)**
[25] EN
[54] **APPLICATION DEPLOYMENT**
[54] **DEPLOIEMENT D'APPLICATION**
[72] JOUHIER, BRUNO CLAUDE JEAN-MARIE, FR
[71] SAGE (UK) LIMITED, GB
[22] 2019-05-14
[41] 2019-11-16
[30] GB (1807929.3) 2018-05-16

[21] **3,043,213**
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[51] **Int.Cl. E06B 3/96 (2006.01) E06B 3/04 (2006.01)**
[25] EN
[54] **WINDOW ASSEMBLY**
[54] **ASSEMBLAGE DE FENETRE**
[72] ALBRECHT, SCOTT D., US
[71] SIERRA PACIFIC INDUSTRIES, US
[22] 2019-05-13
[41] 2019-11-16
[30] US (62/672.306) 2018-05-16

[21] **3,043,366**
[13] A1
[25] FR
[54] **RAILROAD TIE AND ASSOCIATED FABRICATION PROCESS**
[54] **DORMANT DE VOIE DE CHEMIN DE FER ET PROCEDE DE FABRICATION ASSOCIE**
[72] TREMBLAY, LUC, CA
[72] MARTIN, MONIQUE, CA
[71] TREMBLAY, LUC, CA
[71] MARTIN, MONIQUE, CA
[22] 2019-05-15
[41] 2019-11-15
[30] US (62/671,678) 2018-05-15

[21] **3,043,378**
[13] A1
[51] **Int.Cl. A42B 3/00 (2006.01)**
[25] EN
[54] **REMOVABLE COVER FOR PROTECTIVE HELMETS**
[54] **COUVERCLE AMOVIBLE DESTINE A DES CASQUES PROTECTEURS**
[72] PRESTON, CONNER ALAN, US
[72] PENNEY, MELINDA, US
[72] TOMELLINI, DALITA, US
[72] MADIGAN, RICHARD, US
[71] PRESTON, CONNER ALAN, US
[71] PENNEY, MELINDA, US
[71] TOMELLINI, DALITA, US
[71] MADIGAN, RICHARD, US
[22] 2019-05-14
[41] 2019-11-14
[30] US (62/671,214) 2018-05-14
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[51] **Int.Cl. A61K 36/185 (2006.01) A01K 47/06 (2006.01) A01K 51/00 (2006.01) A61K 47/04 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61K 47/22 (2006.01) A61P 33/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING A HONEY BEE PARASITIC MITE INFESTATION**
[54] **COMPOSITIONS ET METHODES DE CONTROLE D'INFESTATION D'UN ACARIEN PARASITAIRE DES ABEILLES DOMESTIQUES**
[72] GAUR, SHASHANK, US
[72] AHUMADA, FABIANA, US
[72] BYELASHOV, ALEX, US
[71] JOHN I. HASS, INC., US
[22] 2019-05-13
[41] 2019-11-14
[30] US (62/671,064) 2018-05-14

[21] **3,043,394**
[13] A1
[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **TABLE GAME MANAGEMENT SYSTEM AND GAME MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE JEU DE TABLE ET SYSTEME DE GESTION DE JEU**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2019-05-14
[41] 2019-11-14
[30] JP (2018-093247) 2018-05-14

[21] **3,043,406**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **MULTIPLE ACTIVE BANDWIDTH PARTS**
[54] **PARTIES DE LARGEUR DE BANDE MULTIPLES ACTIVES**
[72] ZHOU, HUA, US
[72] DINAN, ESMAEL, US
[72] CIRIK, ALI, US
[72] BABAEI, ALIREZA, US
[72] JEON, HYOUNGSUK, US
[72] PARK, KYUNGMIN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-05-15
[41] 2019-11-15
[30] US (62/671,732) 2018-05-15
[30] US (62/672,096) 2018-05-16

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[13] A1
[51] **Int.Cl. H04H 60/31 (2009.01) G06F 16/27 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING CONTENT CONSUMPTION**
[54] **SYSTEME ET METHODES DE SURVEILLANCE DE LA CONSOMMATION DE CONTENU**
[72] MULYE, ABHIJEET VIJAY, US
[72] BURG, BERNARD, US
[71] COMCAST CABLE COMMUNNICATIONS, LLC, US
[22] 2019-05-14
[41] 2019-11-15
[30] US (15/979,773) 2018-05-15

[21] **3,043,419**
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[51] **Int.Cl. B65G 65/02 (2006.01) B23P 19/04 (2006.01) B65B 21/14 (2006.01) B65B 35/32 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES, AND METHODS FOR LOADING CONTAINERS ONTO PALLETS AND DOLLIES**
[54] **SYSTEMES, APPAREILS ET METHODES DE CHARGEMENT DE CONTENEURS SUR DES PALETTES ET DES CHARIOTS**
[72] LEVINE, DOUGLAS, US
[72] ROSA, MARK RONALD, US
[72] NORDLING, GREGORY LAWRENCE, US
[72] LEVINE, PHILLIP E., US
[72] BHOGLE, SAGAR D., US
[71] CANNON EQUIPMENT LLC, US
[22] 2019-05-14
[41] 2019-11-15
[30] US (62/671.672) 2018-05-15
[30] US (16/408.733) 2019-05-10
[30] US (16/408.745) 2019-05-10

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **OPERATIONS MANAGEMENT NETWORK SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE RESEAU DE GESTION DES OPERATIONS**
[72] ALANIZ, IVAN, US
[72] DOLEJSI, JAN, GB
[72] CHONG, JONATHAN WUN SHIUNG, US
[72] RAJU, DHANANJAY, IN
[72] LIFSCHITZ, VLADIMIR, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2019-05-15
[41] 2019-11-15
[30] US (62/671760) 2018-05-15

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[13] A1
[51] **Int.Cl. B60P 3/16 (2006.01) B28C 5/42 (2006.01) B28C 7/16 (2006.01)**
[25] EN
[54] **POWER FOLD AND SWING CHUTE ASSEMBLY**
[54] **ASSEMBLAGE DE GOULOTTE ELECTRIQUE MOBILE ET PLIANTE**
[72] MCNEILUS, GARWIN, US
[72] MCNEILUS, GRANT, US
[72] MELDAHL, BRIAN, US
[72] ATTELSON, JAY, US
[72] CUNNINGHAM, JAMES R., US
[71] CON-TECH MANUFACTURING, INC., US
[22] 2019-05-15
[41] 2019-11-15
[30] US (62/671834) 2018-05-15
[30] US (16/234237) 2018-12-27

[21] **3,043,431**
[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) G02B 6/032 (2006.01) H03K 5/01 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TUNING AN OUTPUT OPTICAL PULSE**
[54] **METHODE ET SYSTEME DE SYNTONISATION D'UNE IMPULSION OPTIQUE DE SORTIE**
[72] KAMBHAMPATI, PATANJALI, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSIT, CA
[22] 2019-05-14
[41] 2019-11-15
[30] US (62/671,629) 2018-05-15

[21] **3,043,592**
[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61K 35/74 (2015.01) A61K 49/00 (2006.01) C01G 49/02 (2006.01) C01G 49/12 (2006.01) C12N 1/20 (2006.01) C12N 13/00 (2006.01)**
[25] EN
[54] **MAGNETIC NANOPARTICLES SEQUENTIALLY IRRADIATED BY LASER RADIATION FOR MEDICAL OR CHEMICAL OR BIOLOGICAL OR COSMETIC APPLICATIONS**
[54] **NANOPARTICULES MAGNETIQUES IRRADIEES SEQUENTIELLEMENT PAR RAYONNEMENT LASER DESTINEES A DES APPLICATIONS MEDICALES OU CHIMIQUES OU BIOLOGIQUES OU COSMETIQUES**
[72] ALPHANDERY, EDOUARD, FR
[71] NANOBACTERIE, FR
[22] 2019-05-15
[41] 2019-11-16
[30] EP (18020211.1) 2018-05-16
[30] EP (18020623.7) 2018-11-29

[21] **3,043,601**
[13] A1
[51] **Int.Cl. B27B 33/12 (2006.01) B27B 33/02 (2006.01)**
[25] EN
[54] **SAW TOOTH AND INSERT THEREFOR**
[54] **DENT DE SCIE ET INSERTION ASSOCIEE**
[72] RHODE, JEFF TYLER, US
[71] CHINA PACIFICARBIDE, INC., US
[22] 2019-05-15
[41] 2019-11-15
[30] US (62/671,739) 2018-05-15
[30] US (16/411,496) 2019-05-14

[21] **3,045,801**
[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01) H04W 4/021 (2018.01) H04W 4/80 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTACTLESS WITHDRAWAL FROM AN ATM**
[54] **METHODE ET SYSTEME DE RETRAIT SANS CONTACT D'UN GUICHET AUTOMATIQUE**
[72] SKELSEY, SUSAN, US
[72] WYPER, STEPHANE, US
[72] BALSAVIAS, PETER, US
[72] MCDERMOTT, KELLEY, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[22] 2019-05-10
[41] 2019-11-11
[30] US (62/670,335) 2018-05-11

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[13] A1
[51] **Int.Cl. H04W 28/04 (2009.01) H04W 24/04 (2009.01) H04W 28/18 (2009.01)**
[25] EN
[54] **PACKET DUPLICATION CONTROL**
[54] **CONTROLE DE DUPLICATION DE PAQUET**
[72] PARK, KYUNGMIN, US
[72] DINAN, ESMAEL, US
[72] JEON, HYOUNGSUK, US
[72] ZHOU, HUA, US
[72] BABAEI, ALIREZA, US
[72] CIRIK, ALI, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-05-10
[41] 2019-11-10
[30] US (62/669,927) 2018-05-10

[21] **3,045,809**
[13] A1
[51] **Int.Cl. H04W 76/18 (2018.01) H04W 72/04 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **PRIORITIZATION IN BEAM FAILURE RECOVERY PROCEDURES**
[54] **PRIORISATION DES PROCEDURES DE RECUPERATION DE DEFAUT DE FAISCEAU**
[72] CIRIK, ALI, US
[72] DINAN, ESMAEL, US
[72] ZHOU, HUA, US
[72] JEON, HYOUNGSUK, US
[72] BABAEI, ALIREZA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-05-10
[41] 2019-11-10
[30] US (62/669,473) 2018-05-10

[21] **3,047,248**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G07C 11/00 (2006.01)**
[25] EN
[54] **A SYSTEM FOR VERIFYING THE IDENTITY OF A USER**
[54] **UN SYSTEME SERVANT A VERIFIER L'IDENTITE D'UN UTILISATEUR**
[72] BENKREIRA, ABDELKADER M'HAMED, US
[72] EDWARDS, JOSHUA, US
[72] MOSSOBA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-06-18
[41] 2019-11-13
[30] US (16/055,986) 2018-08-06

[21] **3,049,896**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) C07C 59/185 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD OF AND APPARATUS FOR PRODUCING AN IMAGE ON A DISPLAY SCREEN**
[54] **METHODE ET APPAREIL DE PRODUCTION D'UNE IMAGE SUR UN ECRAN D'AFFICHAGE**
[72] UNKNOWN, XX
[71] KERBER, THOMAS, CA
[22] 2019-09-13
[41] 2019-11-11

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[13] A1
[51] **Int.Cl. A47C 19/12 (2006.01) A47C 17/86 (2006.01) A61G 7/015 (2006.01)**
[25] EN
[54] **ADJUSTABLE POWER BED LAYER**
[54] **COUCHE DE LIT ELECTRIQUE AJUSTABLE**
[72] ARAMLI, MARK D., US
[72] ALMEIDA, RYAN, US
[71] BEDJET LLC, US
[22] 2019-09-05
[41] 2019-11-11
[30] US (16/422,666) 2019-05-24

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[13] A1
[51] **Int.Cl. F16L 1/024 (2006.01) F16L 1/036 (2006.01)**
[25] EN
[54] **AUTOMATED PIPELINE CONSTRUCTION APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL, SYSTEME ET METHODE DE CONSTRUCTION AUTOMATISEE DE PIPELINE**
[72] RAMSAY, JEROME, CA
[72] MICKEY, KEITH, CA
[72] ORCHERTON, JIM, CA
[72] STEWART, ROBERT, CA
[71] JRAMCO INC., CA
[22] 2019-09-06
[41] 2019-11-11

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[51] **Int.Cl. F25J 3/00 (2006.01) B01D 53/62 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **NATURAL GAS LIQUIDS RECOVERY APPARATUS FOR CARBON DIOXIDE REINJECTION ENHANCED OIL RECOVERY, AND METHOD**
[54] **APPAREIL DE RECUPERATION DE LIQUIDES DE GAZ NATUREL POUR RECUPERATION D'HUILE AMELIOREE PAR REINJECTION DE DIOXYDE DE CARBONE, ET PROCEDE**
[72] TEMPLE, KEN, CA
[72] MEALEY, BRENT, CA
[71] WOLF INFRASTRUCTURE MANAGEMENT INC., CA
[22] 2019-09-10
[41] 2019-11-13
[30] US (62/887751) 2019-08-16

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[51] **Int.Cl. C04B 35/80 (2006.01) C04B 35/63 (2006.01) C04B 35/645 (2006.01)**
[25] EN
[54] **CERAMIC-BASED TOUGHNESS-ENHANCED MATERIAL BASED ON SINGLE CRYSTAL SAPPHIRE FIBER AND PREPARATION METHOD THEREFOR**
[54] **MATERIAU A BASE DE CERAMIQUE AMELIORANT LA DURETE A BASE DE FIBRE DE SAPHIR MONOCRISTALLIN ET METHODE DE PREPARATION ASSOCIEE**
[72] LIU, RENCHEN, CN
[72] JI, SHISHAN, CN
[72] LIU, YAN, CN
[72] MA, QING, CN
[72] YAN, SHUGANG, CN
[72] WU, XINGUO, CN
[71] RESEARCH INSTITUTE OF TSINGHUA UNIVERSITY IN SHENZHEN, CN
[71] TSINGHUA INNOVATION CENTER IN DONGGUAN, CN
[85] 2018-07-04
[86] 2018-05-16 (PCT/CN2018/087104)
[87] (3010379)

[21] **3,010,387**
[13] A1
[51] **Int.Cl. C03B 37/075 (2006.01) C08J 5/08 (2006.01)**
[25] EN
[54] **INTERPLY HYBRID COMPOSITE BASED SINGLE CRYSTAL .ALPHA.-A12O3 FIBER AND PREPARATION METHOD THEREFOR**
[54] **COMPOSITE HYBRIDE INTERCOUCHE A BASE DE FIBRE DE CRISTAL UNIQUE ALPHA-A12O3 ET METHODE DE PREPARATION ASSOCIEE**
[72] JI, SHISHAN, CN
[72] LIU, RENCHEN, CN
[72] LIU, YAN, CN
[72] MA, QING, CN
[72] HE, ZHEN, CN
[72] SHI, ZUOYU, CN
[71] RESEARCH INSTITUTE OF TSINGHUA UNIVERSITY IN SHENZHEN, CN
[71] TSINGHUA INNOVATION CENTER IN DONGGUAN, CN
[85] 2018-07-04
[86] 2018-05-23 (PCT/CN2018/088046)
[87] (3010387)
[30] CN (PCT/CN2018/087103) 2018-05-16

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[13] A1
[51] **Int.Cl. A45D 2/12 (2006.01) A45D 24/16 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **HAND-HELD HAIR STYLING DEVICE**
[54] **APPAREIL DE COIFFURE TENU A LA MAIN**
[72] TO, CHUNYUEN, CN
[71] WORLD WIDE DAILY HOLDINGS COMPANY LIMITED, CN
[85] 2018-07-24
[86] 2018-05-11 (PCT/CN2018/086515)
[87] (3012257)

[21] **3,045,177**
[13] A1
[25] EN
[54] **METHOD AND APPARATUS FOR UTILIZING LADN IN WIRELESS COMMUNICATION SYSTEM**
[54] **METHODE ET APPAREIL D'UTILISATION DE LADN DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] KIM, HYUNSOOK, KR
[72] KIM, LAEYOUNG, KR
[72] RYU, JINSOOK, KR
[72] YOUN, MYUNGJUNE, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-06-05
[86] 2019-03-25 (PCT/KR2019/003447)
[87] (3045177)
[30] KR (10-2018-0054208) 2018-05-11

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[13] A1
[25] EN
[54] **WATER RETENTION METHOD FOR PROMOTING SELF-HEALING OF MINING FRACTURES BY CHEMICALLY SOFTENING CARBONATITE**
[54] **METHODE DE RETENTION D'EAU SERVANT A FAVORISER L'AUTOGUERISON DE FRACTURES DE MINAGE PAR UN CARBONATITE ADOUCISSANT CHIMIQUEMENT**
[72] JU, JINGENG, CN
[72] LI, QUANSHENG, CN
[72] XU, JIALIN, CN
[72] MAO, XIASONG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2019-08-15
[86] 2018-07-04 (PCT/CN2018/094416)
[87] (3052021)
[30] CN (2018104447775) 2018-05-10

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[72] WRIGHT, MATTHEW, CH
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[54] **COMPOSITIONS A POLYMERES ANIONIQUES ET CATIONIQUES**
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[72] JOHNSON, ERIC SCOTT, US
[72] KROGER LYONS, KELLY ROSE, US
[72] FIGUEROA, REBEKAH RUTH, US
[72] FINLEY, REBECCA ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEME PORTABLE DE COMMANDE ET DE MANIPULATION D'IMAGES A CORRECTION DES DEFAUTS DE VISION ET AUGMENTATION DE LA VISION ET DE LA DETECTION**
[72] FREEMAN, MICHAEL HAYES, US
[72] FREEMAN, RICHARD C. (DECEASED), US
[72] FREEMAN, MICHAEL C., US
[72] BOSS, CHAD (DECEASED), US
[72] BOSS, JORDAN, US
[71] RAYTRX, LLC, US
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[54] **TISSU A FAIBLE PERMEABILITE ET HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION**
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[71] INVISTA TEXTILES (U.K.) LIMITED, GB
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[54] **COMPOSITIONS DETERGENTES DE CARBONATE A LIBERATION CONTROLEE DE MATIERES SOLIDES**
[72] GELDERMAN, MAX, US
[72] MANSERGH, JOHN, US
[72] SKULAN, JOHN, US
[72] ROERDINK LANDER, MONIQUE, US
[71] ECOLAB USA INC., US
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[72] FRANK, WILLIAM, US
[72] PLATTNER, CHAD, US
[72] NOREEN, TRENTON, US
[71] PRECISION PLANTING LLC, US
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[72] BRIGGS, KYLE, CA
[72] MADEJSKI, GREGORY, US
[72] MCGRATH, JAMES, US
[71] THE UNIVERSITY OF OTTAWA, CA
[71] UNIVERSITY OF ROCHESTER MEDICAL CENTRE, US
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[54] **SYSTEMES ET PROCEDES DE REFROIDISSEMENT PAR EVAPORATION, AMELIORES PAR DESHYDRATANT**
[72] LEPOUDRE, PHILIP PAUL, CA
[71] NORTEK AIR SOLUTIONS CANADA, INC., CA
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[54] **RECUPERATION D'EAU DANS DES SYSTEMES DE REFROIDISSEMENT PAR EVAPORATION AMELIORES PAR DESHYDRATANT**
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[71] NORTEK AIR SOLUTIONS CANADA, INC., CA
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[54] **A SURGICAL ASSEMBLY, STABILISATION PLATE AND METHODS**
[54] **ENSEMBLE CHIRURGICAL, PLAQUE DE STABILISATION ET PROCEDES**
[72] CASONATO, ALBERTO, GB
[72] TOMS, ANDREW, GB
[72] GILL, RICHIE, GB
[72] MACLEOD, ALISDAIR, GB
[71] 3D METAL PRINTING LIMITED, GB
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[54] **PROCEDE ET SYSTEME INFORMATIQUE POUR FOURNIR UN ITINERAIRE OU UNE DUREE D'ITINERAIRE POUR UN VOYAGE D'UN EMPLACEMENT SOURCE A UN EMPLACEMENT CIBLE**
[72] MALEWICZ, GRZEGORZ, PL
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[54] **LIPOSOMES FUSOGENES, COMPOSITIONS, KITS ET LEUR UTILISATION POUR LE TRAITEMENT DU CANCER**
[72] NUDELMAN, IGOR, IL
[72] LUPU-HABER, YAEL, IL
[72] KANETI, GALOZ, IL
[72] GERSHON, DAVID, IL
[72] ALCALAY, HAIM, IL
[72] SCHROEDER, AVI, IL
[71] APA- ADVANCED TECHNOLOGIES LTD., IL
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[54] **SIMULATEUR ET PROCEDE POUR SIMULER UNE UTILISATION D'UN MISSILE**
[72] CHRISTIANS, ERNST, DE
[71] RHEINMETALL ELECTRONICS GMBH, DE
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[72] WILLIAMS, JAMES, GB
[72] OOST INDIE, MARCEL, GB
[72] EZZAT, KAL, GB
[72] MALLINDER, RACHEL, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
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[54] **LUZERNE PRESENTANT UNE COMPOSITION A TENEUR REDUITE EN LIGNINE**
[72] LUO, SONG, US
[72] BALTES, NICHOLAS J., US
[71] CELLECTIS, FR
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[54] **PROCEDE DE PRODUCTION D'UNE STRUCTURE DE MATERIAU COMPOSITE**
[72] TAKAHASHI, YOSUKE, JP
[72] SUZUKI, AKIHITO, JP
[72] AKIYAMA, HIROMICHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **OIL CIRCUIT, OIL-FREE COMPRESSOR PROVIDED WITH SUCH OIL CIRCUIT AND A METHOD TO CONTROL LUBRICATION AND/OR COOLING OF SUCH OIL-FREE COMPRESSOR VIA SUCH OIL CIRCUIT**
[54] **CIRCUIT D'HUILE, COMPRESSEUR SANS HUILE DOTE D'UN TEL CIRCUIT D'HUILE ET PROCEDE DE COMMANDE DE LUBRIFICATION ET/OU DE REFROIDISSEMENT D'UN TEL COMPRESSEUR SANS HUILE PAR L'INTERMEDIAIRE D'UN TEL CIRCUIT D'HUILE**
[72] DE BONTRIDDER, THOMAS, BE
[72] MEEUSEN, WIM, BE
[72] ROSKAM, EDWIN, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[54] **CARTOUCHE, ENSEMBLE ET TASSE SERVANT A LA PREPARATION DE THE EN VRAC ET PROCEDE DE PREPARATION DE THE**
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[71] T-CAP IB B.V., NL
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[54] **DISPOSITIF DE DISTRIBUTION**
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[72] CEDERGREN, DANIEL, SE
[71] ASEPT INTERNATIONAL AB, SE
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[54] **COMPOSITIONS BIOCIDES STABLES**
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[72] YUN, DONG, CN
[72] SIANAWATI, EMERENTIANA, US
[72] XING, CHONG, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[72] THYSON, DIANA, DE
[72] KHOM, MICHAL, CZ
[71] CARL FREUDENBERG KG, DE
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[54] **VARIANTS PEPTIDIQUES CIBLANT DES TUMEURS**
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[72] BRIMBLE, MARGARET, NZ
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[71] BUNGE LODERS CROKLAAN B.V., NL
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[54] **REVETEMENT POUR PRODUITS MEDICAUX**
[72] SCHEDLER, UWE, DE
[72] HEISE, CHRISTIAN, DE
[72] THIELE, THOMAS, DE
[72] HENKES, HANS, DE
[72] MONSTADT, HERMANN, DE
[72] HANNES, RALF, DE
[72] LENZ-HABIJAN, TIM, DE
[72] BANNEWITZ, CATRIN, DE
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[54] **VECTEUR VIRAL A AUTO-INACTIVATION**
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[72] CIABATTI, ERNESTO, GB
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[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT, DE LAVAGE, DE NETTOYAGE ET DE SECHAGE A L'AIR**
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[71] WHOLE BATH, LLC, US
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[54] **OPTIMISATION D'ELEMENTS ROULANTS SUR DES TREPANS**
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[72] ARFELE, ROBERT W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[71] CLARK EQUIPMENT COMPANY, US
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[54] **MODULES INTERCHANGEABLES DE NETTOYAGE DE PUITS DE FORAGE**
[72] COSTA DE OLIVEIRA, VICTOR CARLOS, SA
[72] MARTINEZ, MARIO AUGUSTO RIVAS, SA
[72] ABOUELNAAJ, KHALED K., SA
[72] SEHSAH, OSSAMA R., SA
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[54] **APPAREIL ET PROCEDE POUR LA DETECTION D'UNE CONTAMINATION MICROBIENNE**
[72] EL-DWEIK, MAJED, US
[71] EL-DWEIK, MAJED, US
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[54] **DISPOSITIF DE FILTRATION A ECOULEMENT TANGENTIEL POUR DES APPLICATIONS DE PERFUSION**
[72] DUPONT, ALISON, US
[71] EMD MILLIPORE CORPORATION, US
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[54] **COMBINED ADMINISTRATION OF CYSTEINE-ASPARTIC PROTEASE INHIBITORS WITH P2Y12 RECEPTOR ANTAGONISTS PROTECTS THE HEART AGAINST MYOCARDIAL INFARCTION**
[54] **ADMINISTRATION COMBINEE D'INHIBITEURS DE CYSTEINE-ASPARTIQUE PROTEASE AVEC DES ANTAGONISTES DE RECEPTEUR DE P2Y12 PROTEGE LE C□UR CONTRE L'INFARCTUS DU MYOCARDE**
[72] AUDIA, JONATHON P., US
[72] DOWNEY, JAMES M., US
[72] ALVAREZ, DIEGO, US
[72] COHEN, MICHAEL V., US
[71] UNIVERSITY OF SOUTH ALABAMA, US
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[54] **SYSTEMS AND METHODS FOR IDENTITY ATOMIZATION AND USAGE**
[54] **SYSTEMES ET PROCEDES D'ATOMISATION ET D'UTILISATION D'IDENTITE**
[72] SCHUKAI, ROBERT JOSEPH, CH
[72] DIVITA, BARTHOLOMEW J., CH
[71] FINANCIAL & RISK ORGANISATION LIMITED, GB
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[54] **TRANSFER APPARATUS AND METHOD FOR TRANSFERRING ARTICLES**
[54] **DISPOSITIF DE TRANSFERT ET PROCEDE DESTINE AU TRANSFERT DE MARCHANDISES DE DETAIL**
[72] ASCHPURWIS, CARSTEN, DE
[72] HASELBERGER, NIKOLAUS, DE
[72] HAHN, SEBASTIAN, DE
[72] SCHIESS, TIM, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHODS OF MANUFACTURING OF NIRAPARIB**
[54] **PROCEDES DE FABRICATION DE NIRAPARIB**
[72] STEWART, ALISTAIR, US
[72] CHEN, FRANK XING, US
[72] WU, GEORGE, US
[72] TOTO, ANTHONY JOSEPH, US
[71] TESARO, INC., US
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[54] **COMPOSITION D'EMULSIFIANT POUVANT ETRE OBTENUE A PARTIR D'ACIDES GRAS LIBRES**
[72] MA, JUN, NL
[71] BUNGE LODERS CROKLAAN B.V., NL
[85] 2019-10-22
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[54] **ADVERTISING ACCESSORIES FOR BAR GUNS**
[54] **ACCESSOIRES PUBLICITAIRES POUR PISTOLETS DISTRIBUTEURS DE BOISSON**
[72] BROEN, MARTIN EDUARDO, US
[72] ROSBURG, KLAUS, US
[72] LIM, STEPHEN, US
[71] PEPSICO, INC., US
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[54] **PLASMIN-CLEAVABLE ANTI-INSOLUBLE FIBRIN ANTIBODY-DRUG CONJUGATE**
[54] **CONJUGUE ANTICORPS-MEDICAMENT ANTI-FIBRINE INSOLUBLE POUVANT ETRE CLIVE PAR LA PLASMINE**
[72] MATSUMURA, YASUHIRO, JP
[72] FUCHIGAMI, HIROBUMI, JP
[72] MANABE, SHINO, JP
[71] NATIONAL CANCER CENTER JAPAN, JP
[71] RIN INSTITUTE INC., JP
[85] 2019-10-22
[86] 2018-04-27 (PCT/JP2018/017123)
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[54] **PARTICULES ENROBEES ET LEURS UTILISATIONS**
[72] GAMBOGI, ROBERT, US
[72] PETERSON, SHERKET, US
[72] GLOWACKI, ANDREW, US
[72] PETERSON, LATRISHA, US
[72] PATEL, MEENAKSHI, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **PRODUCT PROMOTION USING SMART CONTRACTS IN BLOCKCHAIN NETWORKS**
[54] **PROMOTION DE PRODUITS AU MOYEN DE CONTRATS INTELLIGENTS DANS DES RESEAUX DE CHAINES DE BLOCS**
[72] FENG, ZHIYUAN, CN
[72] LI, YANPENG, CN
[72] CHENG, LONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **SPACER DEVICE FOR A NEBULISER**
[54] **DISPOSITIF D'ESPACEMENT POUR NEBULISEUR**
[72] CLEMENTS, BARRY SPENCER, AU
[71] INSPIRING PTY LTD, AU
[85] 2019-10-18
[86] 2018-04-18 (PCT/AU2018/050343)
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[54] **DRY POWDER INHALER AND SPACER DEVICE FOR A DRY POWDER INHALER**
[54] **INHALATEUR DE POUDRE SECHE ET DISPOSITIF D'ESPACEMENT POUR UN INHALATEUR DE POUDRE SECHE**
[72] CLEMENTS, BARRY SPENCER, AU
[71] INSPIRING PTY LTD, AU
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[86] 2018-04-18 (PCT/AU2018/050344)
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[54] **BREWING ARRANGEMENT AND METHOD**
[54] **DISPOSITIF DE BRASSAGE ET METHODE**
[72] GRONE, SVEN GEORGE, AU
[72] MUNDAY, GEOFFREY ROSS, AU
[71] LIMESTONE COAST BREWING COMPANY PTY LTD, AU
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[86] 2018-04-20 (PCT/AU2018/050365)
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[54] **METHOD AND APPARATUS FOR INSTRUMENT PROPULSION**
[54] **PROCEDE ET APPAREIL POUR PROPULSION D'INSTRUMENT**
[72] SWITZER, ANTHONY, AU
[72] SOUTORINE, MIKHAIL, AU
[71] ENDOGENE LIMITED, AU
[85] 2019-10-18
[86] 2018-04-26 (PCT/AU2018/050380)
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[54] **METHOD AND APPARATUS FOR ATTACHING RIB WIRES OF A WIRE WRAP SCREEN**
[54] **PROCEDE ET APPAREIL DE FIXATION DE FILS NERVURES DE CREPINE A FIL ENROULE**
[72] STANIER, DAVID WILLIAM PAUL, CA
[72] HEUKELMAN, HERMAN, CA
[71] RGL RESERVOIR MANAGEMENT INC., CA
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[54] **METHOD FOR LAYING A RAIL OF A RAILWAY LINE**
[54] **PROCEDE DE POSE D'UN RAIL DE VOIE FERREE**
[72] PIGUET, JEAN-CLAUDE, CH
[71] MATISA MATERIEL INDUSTRIEL SA, CH
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[54] **MECHANISM FOR MOVING A FURNITURE DOOR**
[54] **MECANISME POUR DEPLACER UNE PORTE DE MEUBLE**
[72] GIOVANNETTI, ANTONIO, IT
[71] DONGTAI HARDWARE PRECISION (HONG KONG) LIMITED, CN
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[54] **IMPLANT D'ANNULOPLASTIE**
[72] ZERKOWSKI, HANS-REINHARD, CH
[72] KERANEN, OLLI, SE
[72] O'CARROLL, GER, IE
[72] PUGH, MARK, IE
[72] O'REGAN, JAKE, IE
[72] DEANE, STUART, IE
[71] MEDTENTIA INTERNATIONAL LTD OY, FI
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[54] **IRON ORE PELLETS**
[54] **BILLES DE MINERAI DE FER**
[72] PICKETT, NIGEL, GB
[71] BINDING SOLUTIONS LTD, GB
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[54] **LINE GUIDE**
[54] **GUIDE DE LIGNE**
[72] MCBRIDE, DAVID, GB
[71] TINGLEBRICK LIMITED, GB
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[54] **SECONDARY AMINE-SUBSTITUTED COUMARIN COMPOUNDS AND THEIR USES AS FLUORESCENT LABELS**
[54] **COMPOSES COUMARINES SUBSTITUES PAR UNE AMINE SECONDAIRE ET LEURS UTILISATIONS EN TANT QUE MARQUEURS FLUORESCENTS**
[72] ROMANOV, NIKOLAI NIKOLAEVICH, GB
[72] MCCAULEY, PATRICK, GB
[72] ANASTASI, CAROLE, GB
[72] WU, XIAOLIN, GB
[72] HYNES, NIALL, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
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[54] **A BOARD GAME APPARATUS AND A METHOD OF PLACING TOKENS ON THE SAME**
[54] **APPAREIL DE TYPE JEU DE SOCIETE ET PROCEDE DE PLACEMENT DE JETONS SUR CELUI-CI**
[72] KHURANA, ASHUTOSH, IN
[71] KHURANA, ASHUTOSH, IN
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[54] **SYSTEME DE RETENUE DE DETONATEUR POUR DES RELAIS**
[72] ZURIAGA GASCON, JOSE, ES
[72] DE MIGUEL FUENTES, JOSE LUIS, ES
[71] MAXAMCORP HOLDING, S.L., ES
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[54] **A BOARD GAME APPARATUS AND A METHOD OF PLACEMENT OF TOKENS ON THE SAME**
[54] **APPAREIL DE TYPE JEU DE SOCIETE ET PROCEDE DE PLACEMENT DE JETONS SUR CELUI-CI**
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[71] KHURANA, ASHUTOSH, IN
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[54] **SYSTEMES ET PROCEDES D'ENSEMBLES D'ALIMENTATION A TROIS BANDES**
[72] GENDRON, CRAIG D., US
[72] CHANG, YUEH-CHI, US
[72] FINN, PAUL, US
[72] BRAILOVSKY, ALEXANDER, US
[71] RAYTHEON COMPANY, US
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[54] **SYSTEME ET PROCEDE DE MESURE D'ANALYTE**
[72] MALECHA, MICHAEL, GB
[72] MCNEILAGE, ALAN, GB
[72] STEELE, DOMINIC, GB
[72] ZVIKHACHEVSKAYA, ANNA, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
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[54] **APPARATUS AND METHOD FOR MULTICHANNEL INTERFERENCE CANCELLATION**
[54] **APPAREIL ET PROCEDE DE SUPPRESSION D'INTERFERENCE MULTICANAL**
[72] LUIS VALERO, MARIA, DE
[72] HABETS, EMANUEL, DE
[72] ANNIBALE, PAOLO, DE
[72] LOMBARD, ANTHONY, DE
[72] WILD, MORITZ, DE
[72] RUTHA, MARCEL, DE
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[54] **STRATIFICATION ET PRONOSTIC DE CANCER**
[72] SHAH, SOHRAB, CA
[72] WANG, YIKAN, CA
[72] SAGHEZCHI, ALI BASHASHATI, CA
[72] HUNTSMAN, DAVID, CA
[72] APARICIO, SAMUEL, CA
[72] MCPHERSON, ANDREW, CA
[72] GREWAL, DILJOT, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **PROCEDE D'AIDE AU DEPLACEMENT ET DISPOSITIF DE COMMANDE DE DEPLACEMENT**
[72] NANRI, TAKUYA, JP
[72] FANG, FANG, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **CELLULE D'ELECTRODE NEGATIVE METALLIQUE**
[72] INOKUCHI, MASAYUKI, JP
[72] MUROTA, MASAO, JP
[71] INEOVA CORP., JP
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[54] **THERMODYNAMIC CO2 BOILER AND THERMAL COMPRESSOR**
[54] **CHAUDIERE THERMODYNAMIQUE A CO2 ET COMPRESSEUR THERMIQUE**
[72] JOFFROY, JEAN-MARC, FR
[71] BOOSTHEAT, FR
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[54] **METHOD FOR PRODUCING DUAL FUNCTION PROTEINS AND ITS DERIVATIVES**
[54] **PROCEDE DE PRODUCTION DE PROTEINES A DOUBLE FONCTION ET SES DERIVES**
[72] CHOI, BYUNG HYUN, KR
[72] LIM, IN HWAN, KR
[72] PARK, JUN YOUNG, KR
[72] LEE, JIN HYOUNG, KR
[72] KIM, KI HONG, KR
[72] JO, HAE YONG, KR
[72] KIM, JUN HWAN, KR
[72] SONG, MOO YOUNG, KR
[72] KIM, JONG GYUN, KR
[71] YUHAN CORPORATION, KR
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[54] **METHODS AND COMPOSITIONS RELATING TO ANTI-PD1 ANTIBODY REAGENTS**
[54] **PROCEDES ET COMPOSITIONS SE RAPPORTANT A DES REACTIFS D'ANTICORPS ANTI-PD1**
[72] ALT, FREDERICK W., US
[72] TIAN, MING, US
[72] CHENG, HWEI-LING, US
[71] THE CHILDREN'S MEDICAL CENTER COPORATION, US
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[54] **METHODS FOR VERIFYING DIGITAL-ELECTRICITY LINE INTEGRITY**
[54] **PROCEDES DE VERIFICATION DE L'INTEGRITE D'UNE LIGNE D'ELECTRICITE NUMERIQUE**
[72] MLYNIEC, STANLEY, US
[72] CASEY, JONATHAN, US
[72] EAVES, STEPHEN, US
[71] VOLTSERVER, INC., US
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[54] **CATHETER FOR MONITORING INTRA-ABDOMINAL PRESSURE**
[54] **CATHETER POUR SURVEILLANCE DE LA PRESSION INTRA-ABDOMINALE**
[72] MCKINNEY, TIMOTHY, US
[72] LEVINE, MARC-ALAN, US
[71] SENTINEL MEDICAL TECHNOLOGIES, LLC, US
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[87] (WO2018/222295)
[30] US (62/514,793) 2017-06-03
[30] US (62/544,680) 2017-08-11
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[25] EN
[54] **SMALL MOLECULE INHIBITORS OF BCL-2-ASSOCIATED DEATH PROMOTER (BAD) PHOSPHORYLATION**
[54] **INHIBITEURS A PETITES MOLECULES DE PHOSPHORYLATION DE PROMOTEUR DE MORT ASSOCIE A BCL-2 (BAD)**
[72] LOBIE, PETER EDWARD, SG
[72] PANDEY, VIJAY KUMAR, SG
[72] KANCHUGARAKOPPAL SUBBEGOWDA, RANGAPPA, IN
[72] SALUNDI, BASSAPPA, IN
[72] CHAKRABHAVI DHANANJAYA, MOHAN, IN
[72] RANGAPPA, SHOBITH, IN
[72] VENKATACHALAIAH, SRINIVASA, IN
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[71] UNIVERSITY OF MYSORE, IN
[71] BANGALORE UNIVERSITY, IN
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[30] GB (1706162.3) 2017-04-19

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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 3/00 (2006.01)**
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[54] **LNG PROCESS FOR VARIABLE PIPELINE GAS COMPOSITION**
[54] **PROCEDE DE GNL POUR COMPOSITION DE GAZ DE PIPELINE VARIABLE**
[72] PRADERIO, ATTILIO J., US
[72] MA, QI, US
[72] QUALLS, WESLEY R., US
[72] JAMES, WILL T., US
[72] CALDERON, MICHAEL J., US
[72] DAVIES, PAUL R., US
[71] CONOCOPHILLIPS COMPANY, US
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[25] FR
[54] **VEHICLE GLASS PANEL COMPRISING AN ACCESSORY-ATTACHMENT BASE WITH METAL PART AND ACCESSORY-ATTACHMENT BASE**
[54] **VITRAGE DE VEHICULE COMPORTANT UNE EMBASE DE FIXATION D'ACCESSOIRES A PIECE METALLIQUE ET EMBASE DE FIXATION D'ACCESSOIRES**
[72] SILVESTRINI, LAURENT, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-10-21
[86] 2018-05-04 (PCT/FR2018/051118)
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[25] EN
[54] **DELIVERY SYSTEMS FOR DELIVERING PROSTHETIC HEART VALVE DEVICES AND ASSOCIATED METHODS**
[54] **SYSTEMES DE PLACEMENT POUR LE PLACEMENT DE DISPOSITIFS DE VALVULE CARDIAQUE PROTHETIQUE ET PROCEDES ASSOCIES**
[72] MAUCH, KEVIN, US
[72] DWORK, JOSHUA, US
[72] RINNE, FINN, US
[72] SOM, SIYAN, US
[72] WONG, ESTELLA, US
[71] TWELVE, INC., US
[85] 2019-10-22
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[51] **Int.Cl. A61K 35/12 (2015.01)**
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[54] **OCULAR APPLICATIONS OF MATRIX BOUND VESICLES (MBVS)**
[54] **APPLICATIONS OCULAIRES DE VESICULES LIEES A UNE MATRICE (MBVS)**
[72] BADYLAK, STEPHEN F., US
[72] FAUST, ANNE E., US
[72] HUSSEY, GEORGE S., US
[72] VAN DER MERWE, YOLANDI, US
[72] STEKETEE, MICHAEL BRANDT, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATIO, US
[85] 2019-10-22
[86] 2018-05-04 (PCT/US2018/031190)
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[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] SUZUKI, SHOICHI, JP
[72] OUCHI, WATARU, JP
[72] YOSHIMURA, TOMOKI, JP
[72] LIU, LIQING, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2019-10-22
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[25] EN
[54] **CHILD CAR SEAT**
[54] **SIEGE AUTO POUR ENFANT**
[72] NAPIORKOWSKI, STANISLAW, PL
[71] NAPIORKOWSKI, STANISLAW, PL
[85] 2019-10-22
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[51] **Int.Cl. E21B 41/00 (2006.01) G06F 9/455 (2018.01)**
[25] EN
[54] **OPTIMIZATION APPARATUS, SYSTEM AND METHOD FOR RESOURCE PRODUCTION SYSTEM**
[54] **APPAREIL, SYSTEME ET PROCEDE D'OPTIMISATION DESTINE A UN SYSTEME DE PRODUCTION DE RESSOURCES**
[72] RU, YU, CN
[72] ZHAO, TONG, CN
[72] BLOM, ROGIER SEBASTIAAN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-10-18
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[25] EN
[54] **CARTON AND BLANK THEREFOR**
[54] **CARTON ET DECOUPE POUR CELUI-CI**
[72] BLIN, PATRICK, FR
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2019-10-18
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[25] EN
[54] **METHOD FOR OPERATING A WATER ELECTROLYSIS DEVICE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF D'ELECTROLYSE DE L'EAU**
[72] HOLLER, STEFAN, DE
[71] HOELLER ELECTROLYZER GMBH, DE
[85] 2019-10-22
[86] 2017-04-24 (PCT/EP2017/059628)
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[51] **Int.Cl. A23C 3/037 (2006.01) A23L 3/22 (2006.01) F04D 29/22 (2006.01) F04D 29/58 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING AND/OR REGULATING THE TREATMENT OF HEAT-SENSITIVE LIQUID FOOD PRODUCTS**
[54] **PROCEDE ET INSTALLATION DE COMMANDE ET/OU DE REGULATION DU TRAITEMENT DE PRODUITS ALIMENTAIRES LIQUIDES SENSIBLES A LA CHALEUR**
[72] SCHWENZOW, UWE, DE
[72] TACKE, LUDGER, DE
[72] ASSING, HUBERT, DE
[72] BUSS, HELMUT, DE
[72] LEIWERING, LUDGER, DE
[71] GEA TDS GMBH, DE
[85] 2019-10-22
[86] 2018-04-12 (PCT/EP2018/000198)
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[30] DE (102017004213.6) 2017-04-29

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[51] **Int.Cl. A61F 9/009 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE DEVICE FOR OPHTHALMIC SURGICAL LASER SYSTEM**
[54] **DISPOSITIF D'INTERFACE PATIENT POUR SYSTEME LASER CHIRURGICAL OPHTALMIQUE**
[72] ACCURSO, ROGER W., US
[72] GARCIA, JOSE L., US
[72] WONG, DARYL, US
[72] FU, HONG, US
[72] LIU, HARVEY, US
[72] BORRMANN, LEONARD R., US
[71] AMO DEVELOPMENT, LLC, US
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[86] 2018-04-18 (PCT/US2018/028064)
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[51] **Int.Cl. E21B 34/10 (2006.01) B08B 9/043 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **WELLBORE HYDRAULIC LINE IN-SITU RECTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REDRESSEMENT IN-SITU DE CONDUITE HYDRAULIQUE DE PUITS DE FORAGE**
[72] HJERTHOLM, PAL, NO
[71] WELLMEND AS, NO
[85] 2019-10-22
[86] 2018-04-23 (PCT/NO2018/050109)
[87] (WO2018/199769)
[30] NO (20170676) 2017-04-24

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[51] **Int.Cl. G06N 3/08 (2006.01) G06N 3/04 (2006.01) G06N 3/063 (2006.01)**
[25] EN
[54] **NEURON SMEARING FOR ACCELERATED DEEP LEARNING**
[54] **ETALEMENT DE NEURONES POUR APPRENTISSAGE PROFOND ACCELERE**
[72] LIE, SEAN, US
[72] MORRISON, MICHAEL, US
[72] AREKAPUDI, SRIKANTH, US
[72] JAMES, MICHAEL EDWIN, US
[72] LAUTERBACH, GARY R., US
[71] CEREBRAS SYSTEMS INC., US
[85] 2019-10-17
[86] 2018-04-15 (PCT/IB2018/052607)
[87] (WO2018/193353)
[30] US (62/486,372) 2017-04-17
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[30] US (62/520,433) 2017-06-15
[30] US (62/522,065) 2017-06-19
[30] US (62/522,081) 2017-06-19
[30] US (62/542,645) 2017-08-08
[30] US (62/542,657) 2017-08-08
[30] US (62/580,207) 2017-11-01
[30] US (62/628,773) 2018-02-09
[30] US (62/628,784) 2018-02-09
[30] US (62/652,933) 2018-04-05
[30] US (62/655,210) 2018-04-09

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[51] **Int.Cl. G01N 33/543 (2006.01) B01L 3/00 (2006.01) G01N 33/569 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **MOLECULAR MANIPULATION AND ASSAY WITH CONTROLLED TEMPERATURE (II)**
[54] **MANIPULATION ET DOSAGE MOLECULAIRES A TEMPERATURE CONTROLEE (II)**
[72] CHOU, STEPHEN, Y., US
[72] DING, WEI, US
[72] ZHANG, YUFAN, US
[72] TAN, HUA, US
[71] ESSENLIX CORPORATION, US
[85] 2019-10-18
[86] 2018-04-23 (PCT/US2018/028784)
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[51] **Int.Cl. A61B 3/02 (2006.01) G02C 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING LENS FABRICATION MEASUREMENTS THAT ACCURATELY ACCOUNT FOR NATURAL HEAD POSITION**
[54] **SYSTEME ET PROCEDE D'OBTENTION DE MESURES DE FABRICATION DE VERRES QUI TIENNENT COMPTE AVEC PRECISION DE LA POSITION NATURELLE DE LA TETE**
[72] LANCIONE, MARCO, CA
[72] SZYMBORSKI, PIOTR, CA
[72] EH-HAJAL, BASSEM, CA
[71] OPTIKAM TECH, INC., CA
[85] 2019-10-22
[86] 2018-05-04 (PCT/US2018/031018)
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[30] US (15/588,645) 2017-05-06

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[51] **Int.Cl. B65D 75/00 (2006.01) B65D 75/58 (2006.01)**
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[54] **FLEXIBLE CONTAINER**
[54] **RECIPIENT SOUPLE**
[72] BLACK, MARC S., US
[72] JESPERSEN, SIMON, CH
[72] SCHUETTE, CHAD V., US
[72] SIDDIQUI, MUHAMMAD ALI, CH
[72] LOWRY, HALEY A., US
[72] DIGONNET, FABRICE, CH
[72] WALTHER, BRIAN W., US
[72] BONEKAMP, JEFFREY E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-10-18
[86] 2018-04-23 (PCT/US2018/028802)
[87] (WO2018/200354)
[30] US (62/489,217) 2017-04-24

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[51] **Int.Cl. E21B 21/01 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING RECOVERY AND RE-USE OF A STIMULATING FLUID FROM A FLOWBACK STREAM**
[54] **PROCEDE ET SYSTEME PERMETTANT DE GERER LA RECUPERATION ET LA REUTILISATION D'UN FLUIDE DE STIMULATION A PARTIR D'UN COURANT DE REFLUX**
[72] ACHARYA, HARISH RADHAKRISHNA, US
[72] SHISLER, ROGER ALLEN, US
[72] GORTON, ANDREW JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-10-18
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[13] A1
[51] **Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6855 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING SAMPLE IDENTIFICATION IN INDEXED NUCLEIC ACID LIBRARIES**
[54] **COMPOSITIONS ET PROCEDES D'AMELIORATION DE L'IDENTIFICATION D'ECHANTILLONS DANS DES BIBLIOTHEQUES INDEXEES D'ACIDES NUCLEIQUES**
[72] VERMAASS, ERIC HANS, US
[72] KHOSROHEIDARI, MAHDIEH, US
[72] KALBANDE, ANGELA, US
[71] ILLUMINA CAMBRIDGE LIMITED, US
[71] ILLUMINA, INC., US
[85] 2019-10-18
[86] 2018-04-23 (PCT/US2018/028867)
[87] (WO2018/200380)
[30] US (62/488,830) 2017-04-23

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[51] **Int.Cl. C08L 23/12 (2006.01)**
[25] EN
[54] **POLYPROPYLENE COMPOSITION WITH EXCELLENT SURFACE APPEARANCE**
[54] **COMPOSITION DE POLYPROPYLENE PRESENTANT UN EXCELLENT ASPECT DE SURFACE**
[72] MILEVA, DANIELA, AT
[72] KAHLEN, SUSANNE, AT
[72] GRESTENBERGER, GEORG, AT
[72] SAGEDER, ANTON, AT
[72] WURNITSCH, CHRISTOF, AT
[72] HARTL, ANNA, AT
[72] ROVER, PATRICK, AT
[72] PIRKLBAUER, ERWIN, AT
[71] BOREALIS AG, AT
[85] 2019-10-22
[86] 2018-06-26 (PCT/EP2018/067115)
[87] (WO2019/002294)
[30] EP (17179064.5) 2017-06-30

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[51] **Int.Cl. B07C 5/36 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR REJECTION OF DEFECTIVE MINERAL FIBRE SLABS**
[54] **PROCEDE ET APPAREIL POUR LE REJET DE DALLES DE FIBRES MINERALES DEFECTUEUSES**
[72] KLOVERPRIS, HANS, DK
[72] NORGARD, PETER, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2019-10-22
[86] 2018-04-23 (PCT/EP2018/060341)
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[30] EP (17168614.0) 2017-04-28

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[51] **Int.Cl. F04D 13/04 (2006.01) F04D 29/041 (2006.01) F04D 29/22 (2006.01)**
[25] EN
[54] **THRUST BEARING SYSTEM AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE PALIER DE BUTEE ET SON PROCEDE DE FONCTIONNEMENT**
[72] OKLEJAS, ELI, JR., US
[71] VECTOR TECHNOLOGIES, LLC, US
[85] 2019-10-22
[86] 2018-05-23 (PCT/US2018/034163)
[87] (WO2018/217913)
[30] US (62/509,914) 2017-05-23
[30] US (15/986,205) 2018-05-22

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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **TREATMENT OF LAG-3 POSITIVE TUMORS**
[54] **TRAITEMENT DE TUMEURS POSITIVES POUR LAG-3**
[72] NOVOTNY, JAMES, US
[72] LONBERG, NILS, US
[72] HEDVAT, CYRUS, US
[72] CLYNES, RAPHAEL, US
[72] LOCKE, DARREN, US
[72] COGSWELL, JOHN P., US
[72] JACKSON, JEFFREY, US
[72] HARBISON, CHRISTOPHER, US
[72] EDWARDS, ROBIN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2019-10-22
[86] 2018-05-30 (PCT/US2018/035134)
[87] (WO2018/222718)
[30] US (62/512,648) 2017-05-30
[30] US (62/513,813) 2017-06-01
[30] US (62/555,176) 2017-09-07
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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/519 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **VASODILATORS FOR TREATMENT OF HEART FAILURE**
[54] **METHODES DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE**
[72] CHILIAN, WILLIAM M., US
[72] OHANYAN, VAHAGN, US
[72] YIN, LIYA, US
[71] NORTHEAST OHIO MEDICAL UNIVERSITY, US
[85] 2019-10-18
[86] 2018-04-23 (PCT/US2018/028871)
[87] (WO2018/195537)
[30] US (62/488,300) 2017-04-21
[30] US (62/596,290) 2017-12-08

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[51] **Int.Cl. B27N 1/00 (2006.01) B27K 1/02 (2006.01) B27K 1/00 (2006.01) B27N 3/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF OSB WOOD-BASED BOARDS WITH REDUCED EMISSION OF VOLATILE ORGANIC COMPOUNDS (VOCS)**
[54] **PROCEDE POUR LA FABRICATION DE PANNEAUX EN MATERIAU DERIVE DU BOIS OSB PRESENTANT UNE EMISSION REDUITE DE COMPOSES ORGANIQUES VOLATILS (COV)**
[72] KALWA, NORBERT, DE
[71] SWISS KRONO TEC AG, CH
[85] 2019-10-22
[86] 2018-03-12 (PCT/EP2018/056070)
[87] (WO2018/197094)

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[51] **Int.Cl. C12N 9/88 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **HUMAN-ENZYME MEDIATED DEPLETION OF HOMOCYSTEINE FOR TREATING PATIENTS WITH HYPERHOMOCYSTEINEMIA AND HOMOCYSTINURIA**
[54] **DEPLETION D'HOMOCYSTEINE, MEDIEE PAR UNE ENZYME HUMAINE, POUR LE TRAITEMENT DE PATIENTS ATTEINTS D'HYPERHOMOCYSTEINEMIE ET D'HOMOCYSTINURIE**
[72] GEORGIOU, GEORGE, US
[72] STONE, EVERETT, US
[72] LU, WEI-CHENG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-10-18
[86] 2018-05-11 (PCT/US2018/032246)
[87] (WO2018/209192)
[30] US (62/505,493) 2017-05-12

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[25] EN
[54] **COMPOSITIONS COMPRISING A COMBINATION OF AN ANTI-LAG-3 ANTIBODY, A PD-1 PATHWAY INHIBITOR, AND AN IMMUNOTHERAPEUTIC AGENT**
[54] **COMPOSITIONS COMPRENANT UNE COMBINAISON D'UN ANTICORPS ANTI-LAG-3, D'UN INHIBITEUR DE VOIE PD-1 ET D'UN AGENT IMMUNOTHERAPEUTIQUE**
[72] KORMAN, ALAN J., US
[72] LONBERG, NILS, US
[72] SELBY, MARK J., US
[72] JACKSON, JEFFREY, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2019-10-22
[86] 2018-05-30 (PCT/US2018/035125)
[87] (WO2018/222711)
[30] US (62/512,618) 2017-05-30
[30] US (62/513,812) 2017-06-01

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[54] **COMPOSES 5,6-FUSIONNES-BICYCLIQUES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES PARASITAIRES**
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[72] LERARIO, ISABELLE K., US
[72] LIANG, FANG, US
[72] LIU, XIAODONG, US
[72] MOLTENI, VALENTINA, US
[72] NAGLE, ADVAIT SURESH, US
[72] NG, SHUYI PEARLY, SG
[72] RATNIKOV, MAXIM, US
[72] SMITH, JEFFREY M., US
[72] XIE, YONGPING, US
[71] NOVARTIS AG, CH
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[54] **ROBOTIC ARM CART AND USES THEREFOR**
[54] **CHARIOT POUR BRAS ROBOTISE ET SES UTILISATIONS**
[72] TIMM, RICHARD WILLIAM, US
[72] CAGLE, DAVID JAMES, US
[72] LIM, SEUNG MO, US
[72] GEE, JACOB SPENCER, US
[72] VAKHARIA, OMAR J., US
[72] DENLINGER, CLINTON, US
[71] VERB SURGICAL INC., US
[71] ETHICON LLC, US
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[54] **COMPOSITION CONTENANT UN SEL CHLORE DESTINEE A ETRE UTILISEE CHEZ DES ANIMAUX EN GESTATION**
[72] LANGENDIJK, PIETER, NL
[71] NUTRECO IP ASSETS B.V., NL
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[54] **CONSTANT IMPEDANCE CONNECTOR SYSTEM**
[54] **SYSTEME A CONNECTEURS A IMPEDANCE CONSTANTE**
[72] MATURO, JOHN E., US
[72] BRADLEY, ROBERT M., US
[71] THE PHOENIX COMPANY OF CHICAGO, INC., US
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[54] **ROBOTIC ARM CART WITH FINE POSITION ADJUSTMENT FEATURES AND USES THEREFOR**
[54] **CHARIOT A BRAS ROBOTIQUE DOTE D'ELEMENTS DE REGLAGE FIN DE LA POSITION ET SES UTILISATIONS**
[72] WIGGERS, ROBERT T., US
[71] VERB SURGICAL INC., US
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[54] **A SOLID FEED COMBINATION COMPOSITION FOR RUMINANT CALVES**
[54] **COMPOSITION COMBINEE D'ALIMENTS SOLIDES POUR VEAUX DE RUMINANTS**
[72] MARTIN-TERESO LOPEZ, JAVIER, NL
[72] BERENDS, HARMINA, NL
[72] LEAL, LEONEL NETO, NL
[71] NUTRECO IP ASSETS B.V., NL
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[54] **METHODS AND APPLICATIONS FOR CONDUCTIVE GRAPHENE INKS**
[54] **PROCEDES ET APPLICATIONS POUR ENCRES CONDUCTRICES AU GRAPHENE**
[72] EL-KADY, MAHER F., US
[72] MOHAMED, NAHLA, US
[72] KAVANAUGH, JACK, US
[72] KANER, RICHARD B., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] NANOTECH ENERGY, INC., US
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[54] **CRANE, METHOD FOR ASSEMBLING A CRANE AND METHOD FOR DISASSEMBLING A CRANE**
[54] **GRUE, PROCEDE DE MONTAGE D'UNE GRUE ET PROCEDE DE DEMONTAGE D'UNE GRUE**
[72] VAN DEN BROEK, ANTON ADRIAN JOACHIM, NL
[72] HELMENS, WESSEL, NL
[72] STOOF, PIETER MARIA, NL
[71] SUCOF B.V., NL
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[54] **CALCIUM BINDER FOR USE IN PREVENTING STILLBIRTH**
[54] **LIANT DE CALCIUM DESTINE A ETRE UTILISE DANS LA PREVENTION DE LA MORTINATALITE**
[72] LANGENDIJK, PIETER, NL
[71] NUTRECO IP ASSETS B.V., NL
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[54] **SELF-SPACING LAP SIDING PRODUCT**
[54] **PRODUIT DE BARDAGE A RECOUVREMENT A ESPACEMENT AUTOMATIQUE**
[72] MERRICK, PAUL, US
[72] LAMPART, LARRY, US
[72] OLSON, LANCE, US
[71] LOUISIANA-PACIFIC CORPORATION, US
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[54] **INFUSION PUMP LATCH MECHANISM AND ASSOCIATED FREE-FLOW PROTECTION DEVICE**
[54] **MECANISME DE VERROUILLAGE DE POMPE A PERFUSION ET DISPOSITIF DE PROTECTION CONTRE L'ECOULEMENT LIBRE ASSOCIE**
[72] AZAPAGIC, AZUR, US
[72] BARKLEY, MOHAN JONATHAN, US
[71] CURLIN MEDICAL INC., US
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[54] **SINGLE-STREAM AGGREGATION PROTOCOL**
[54] **PROTOCOLE D'AGREGATION EN FLUX UNIQUE**
[72] SCHMIDTKE, JAKUB, US
[72] ARMSTRONG, NICHOLAS, US
[71] TIONESTA, LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING BEER/HARD CIDER CONCENTRATE**
[54] **SYSTEME ET METHODE DE PRODUCTION DE CONCENTRE DE BIERE/CIDRE**
[72] HAVEL, FREDERIK, CA
[72] DURKEE, DAVID, US
[71] COORS BREWING COMPANY, US
[85] 2019-10-22
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[25] EN
[54] **SLIDE-IN FASTENER FOR USE IN CABINET ASSEMBLY**
[54] **SYSTEME DE FIXATION COULISSANT DESTINE A ETRE UTILISE DANS UN ENSEMBLE ARMOIRE**
[72] BOONE, DAVID OLIVER, US
[71] BOONE, DAVID OLIVER, US
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[54] **SYSTEMS AND METHODS FOR EARLY DETECTION OF FRACTURE HEALING**
[54] **SYSTEMES ET PROCEDES DE DETECTION PRECOCE DE LA CICATRISATION D'UNE FRACTURE**
[72] TROY, KAREN L., US
[72] WIXTED, JOHN J., US
[72] NAZARIAN, ARA, US
[71] WORCESTER POLYTECHNIC INSTITUTE, US
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[54] **METHOD OF IMPROVING CROP SAFETY**
[54] **PROCEDE D'AMELIORATION DE SECURITE DE CULTURE**
[72] MANAVALAN, LAKSHMI PRABA, US
[72] CARRIEDO, LEONELA G., US
[71] BAYER CROPSCIENCE LP, US
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[54] **SYSTEMS AND METHODS FOR DEVICE VERIFICATION AND AUTHENTICATION**
[54] **SYSTEMES ET PROCEDES DE VERIFICATION ET D'AUTHENTIFICATION DE DISPOSITIF**
[72] ELLINGSON, JOHN, US
[71] INFOSCI, LLC, US
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[54] **CARTON AND BLANK THEREFOR**
[54] **CARTON ET DECOUPE ASSOCIEE**
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[71] WESTROCK PACKAGING SYSTEMS, LLC, US
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[54] **DETECTION DE FORCE BASEE SUR UN RADAR**
[72] POUPYREV, IVAN, US
[71] GOOGLE LLC, US
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[54] **DETECTING AND CORRECTING FOR CHANGES TO AN ANALYTE INDICATOR**
[54] **DETECTION ET CORRECTION DE VARIATIONS D'UN INDICATEUR D'ANALYTE**
[72] DEHENNIS, ANDREW, US
[72] MORTELLARO, MARK, US
[72] CHAVAN, ABHI, US
[72] VELVALDUPA, VENKATA, US
[72] HUFFSTETLER, PHIL, US
[72] KIM, TINA HYUNJUNG, US
[72] MASCIOTTI, JAMES, US
[71] SENSEONICS, INCORPORATED, US
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[54] **COMPOSTABLE LID COMPRISING AN OXYGEN BARRIER LAYER FOR SEALING A CAPSULE AND CAPSULE SEALED BY THE LID**
[54] **COUVERCLE COMPOSTABLE COMPRENANT UNE COUCHE BARRIERE A L'OXYGENE POUR SCELLER UNE CAPSULE ET CAPSULE SCELLEE PAR LE COUVERCLE**
[72] VIDAL, FLORENCE, FR
[72] ROUX, MIREILLE, FR
[72] PLANCHARD, HERVE, FR
[72] BLANC, PATRICE, FR
[71] AHLSTROM-MUNKSJO OYJ, FI
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[54] **ASSAY FOR THE COMPREHENSIVE IDENTIFICATION OF ANTIBIOTIC SENSITIVITY**
[54] **DOSAGE POUR L'IDENTIFICATION COMPLETE DE LA SENSIBILITE AUX ANTIBIOTIQUES**
[72] BAUNOCH, DAVID A., US
[72] PENARANDA, MIGUEL F.R., US
[72] OPEL, MICHAEL L., US
[72] BADIR, MAHER, US
[71] CAP DIAGNOSTICS, LLC, DBA PATHNOSTICS, US
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[54] **USE OF A COMPOSITION COMPRISING 7-HYDROXYMATAIRESINOL**
[54] **UTILISATION D'UNE COMPOSITION COMPRENANT DU 7-HYDROXYMATAIRESINOL**
[72] PACCHETTI, BARBARA, CH
[72] BLANDINI, FABIO, IT
[72] SIANI, FRANCESCA, IT
[71] LINNEA SA, CH
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[54] **OPTIMAL CONTROL OF COUPLED ADMITTANCE CONTROLLERS**
[54] **COMMANDE OPTIMALE DE DISPOSITIFS DE COMMANDE D'ADMITTANCE ACCOUPLES**
[72] LANGE, PETER DE, NL
[72] DIJK, RICHARD, NL
[72] WILLIAMS, JEFFERY T, US
[71] MOOG BV, NL
[85] 2019-10-22
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[54] **ANGLED FLUTES IN CANNULATED BONE SCREWS**
[54] **CANNELURES INCLINEES DANS DES VIS OSSEUSES CANULEES**
[72] ZASTROZNA, ANNA, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[86] 2018-04-20 (PCT/US2018/028482)
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[54] **DRUG DELIVERY DEVICE WITH REMOVABLE PODS AND RELATED PODS, METHODS AND SYSTEMS**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT A DOSETTES AMOVIBLES, ET DOSETTES, PROCEDES ET SYSTEMES ASSOCIES**
[72] SMITH, THOMAS J., US
[72] SHAH, SARJAN, US
[71] AURITEC PHARMACEUTICALS, US
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[51] **Int.Cl. G01V 5/10 (2006.01)**
[25] EN
[54] **NEAR-FIELD SENSITIVITY OF FORMATION AND CEMENT POROSITY MEASUREMENTS WITH RADIAL RESOLUTION IN A BOREHOLE**
[54] **SENSIBILITE EN CHAMP PROCHE DE MESURES DE POROSITE DE FORMATION ET DE CIMENT AVEC UNE RESOLUTION RADIALE DANS UN TROU DE FORAGE**
[72] TEAGUE, PHILIP, US
[71] TEAGUE, PHILIP, US
[85] 2019-10-18
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[30] US (62/487,530) 2017-04-20
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[54] **ROBOTIC SYSTEMS AND METHODS FOR OPERATING A ROBOT**
[54] **SYSTEMES ROBOTIQUES ET PROCEDES DE FONCTIONNEMENT D'UN ROBOT**
[72] MORATO, CARLOS, US
[72] ZHANG, BIAO, US
[72] MARTINEZ, CARLOS, US
[71] ABB SCHWEIZ AG, CH
[85] 2019-10-22
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[87] (WO2018/197601)
[30] US (62/490,379) 2017-04-26
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[54] **APPAREIL DE NETTOYAGE AVEC UNITE DE PEIGNAGE POUR RETIRER DES DEBRIS D'UN ROULEAU DE NETTOYAGE**
[72] THORNE, JASON B., US
[72] MING, YAO, US
[72] DER MARDEROSIAN, DANIEL R., US
[72] MEYER, DANIEL, US
[72] CLEARY, PATRICK, US
[72] HOWES, GORDON, CN
[72] WU, DAVID, US
[72] GAO, WENXIU, CN
[71] SHARKNINJA OPERATING LLC, US
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[54] **BEVERAGE POWDER COMPRISING POROUS PARTICLES AND PARTIALLY AGGREGATED PROTEIN**
[54] **POUDRE DE BOISSON COMPRENANT DES PARTICULES POREUSES ET UNE PROTEINE PARTIELLEMENT AGREGEE**
[72] DUPAS-LANGLET, MARINA, CH
[72] DEDISSE, ANNE-JULIETTE, CH
[72] GEHIN-DELVAL, CECILE, FR
[72] KREUSS, MARKUS, CH
[72] MEUNIER, VINCENT DANIEL MAURICE, CH
[72] PUECH-RULLIERE, CELIE, FR
[72] SCHMITT, CHRISTOPHE JOSEPH ETIENNE, CH
[72] VAGHELA, MADANSINH NATHUSINH, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[51] **Int.Cl. G01N 21/51 (2006.01) G01N 21/47 (2006.01)**
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[54] **OPTICAL DENSITY INSTRUMENT AND SYSTEMS AND METHODS USING THE SAME**
[54] **INSTRUMENT ET SYSTEMES DE DENSITE OPTIQUE ET PROCEDES LES UTILISANT**
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[72] STAMM, PERRY D., US
[72] HARRISON, JOEL PATRICK, US
[72] MAES, GREGORY R., US
[72] PRICE, JEFFREY EDWARD, US
[72] HOFFMANN, JACK R., JR., US
[72] KORTE, JOHN KENNETH, US
[72] PINGEL, DANIEL JOSEPH, US
[72] CLYNES, WALTER J., US
[72] FURMAN, SEAN GREGORY, US
[72] SCHLEICHER, LEONARD H., JR., US
[72] KOCHER, CHRISTOPHER GEORGE, US
[72] PETERSON, BRIAN DAVID, US
[71] BIOMERIEUX, INC., US
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[51] **Int.Cl. B29C 55/06 (2006.01)**
[25] EN
[54] **TRANSVERSE CUTTING SYSTEM SUITABLE FOR BEING USED IN A MACHINE FOR THE PRODUCTION OF PLASTIC FILM**
[54] **SYSTEME DE COUPE TRANSVERSALE APPROPRIE POUR ETRE UTILISE DANS UNE MACHINE POUR LA PRODUCTION DE FILM PLASTIQUE**
[72] LOMBARDINI, NICOLA, IT
[71] COLINES S.P.A., IT
[85] 2019-10-22
[86] 2018-06-11 (PCT/EP2018/065275)
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[30] IT (102017000069802) 2017-06-22

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[25] EN
[54] **SUBSTITUTED INDOLINE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS**
[54] **DERIVES D'INDOLINE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE REPLICATION DU VIRUS DE LA DENGUE**
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] MARCHAND, ARNAUD DIDIER M., BE
[72] COESEMANS, ERWIN, BE
[72] DE BOECK, BENOIT CHRISTIAN ALBERT GHISLAIN, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[54] **MULTI-CLAD OPTICAL FIBER**
[54] **FIBRE OPTIQUE A GAINE MULTIPLE**
[72] ZEDIKER, MARK, US
[72] STEGEMAN, ROBERT, US
[72] TUCKER, JAMES, US
[72] FEVE, JEAN-PHILIPPE, US
[71] NUBURU, INC., US
[85] 2019-10-18
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[30] US (62/488,440) 2017-04-21

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[51] **Int.Cl. B65D 75/00 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER**
[54] **CONTENANT SOUPLE**
[72] BLACK, MARC S., US
[72] JESPERSEN, SIMON TAGE, CH
[72] SCHUETTE, CHAD V., US
[72] SIDDIQUI, MUHAMMAD ALI, CH
[72] LOWRY, HALEY A., US
[72] DIGONNET, FABRICE, CH
[72] WALTHER, BRIAN W., US
[72] BONEKAMP, JEFFREY E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. H05B 6/06 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING DEVICE AND AEROSOL-GENERATING SYSTEM WITH INDUCTIVE HEATING SYSTEM WITH EFFICIENT POWER CONTROL**
[54] **DISPOSITIF DE PRODUCTION D'AEROSOL ET SYSTEME DE PRODUCTION D'AEROSOL COMPRENANT UN SYSTEME DE CHAUFFAGE PAR INDUCTION A REGULATION EFFICACE D'ENERGIE**
[72] STURA, ENRICO, CH
[72] COURBAT, JEROME CHRISTIAN, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. B01D 53/86 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE REMOVAL OF NOXIOUS COMPOUNDS FROM FLUE-GAS USING FABRIC FILTER BAGS WITH AN SCR CATALYST**
[54] **PROCEDE ET SYSTEME D'ELIMINATION DE COMPOSES NOCIFS D'UN GAZ DE COMBUSTION AU MOYEN DE SACS FILTRANTS EN TISSU AVEC UN CATALYSEUR DE REDUCTION CATALYTIQUE SELECTIVE**
[72] GABRIELSSON, PAR L. T., SE
[71] HALDOR TOPSOE A/S, DK
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[86] 2018-04-05 (PCT/EP2018/058747)
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[25] EN
[54] **A BUCKET AND A GROUND MOVING APPARATUS INCLUDING THE BUCKET**
[54] **GODET ET APPAREIL DE TERRASSEMENT COMPRENANT LE GODET**
[72] HALL, JAMIE VINCENT CLARKE, AU
[72] GREESHAW, LYNDON BRIAN, AU
[71] AUSTIN ENGINEERING LTD, AU
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[51] **Int.Cl. C09J 7/29 (2018.01) C09J 7/21 (2018.01) C09J 7/38 (2018.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01)**
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[54] **FUNCTIONAL FIBER REINFORCED ADHESIVE TAPE**
[54] **RUBAN ADHESIF RENFORCE PAR DES FIBRES FONCTIONNELLES**
[72] KATHAL, WINDY MARIE, US
[72] ELAFROS, PETER THOMAS, US
[72] EL-TAHLAWY, KHALED, US
[72] VARGAS, EDWARD STEPHEN, US
[71] SHURTAPE TECHNOLIGES, LLC, US
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[51] **Int.Cl. C23C 28/00 (2006.01) C23C 22/34 (2006.01)**
[25] EN
[54] **WATER-BASED TREATMENT SOLUTION, CHEMICAL CONVERSION TREATMENT METHOD, AND CHEMICAL-CONVERSION-TREATED STEEL SHEET**
[54] **SOLUTION DE TRAITEMENT A BASE D'EAU, PROCEDE DE TRAITEMENT DE CONVERSION CHIMIQUE ET TOLE D'ACIER TRAITEE PAR CONVERSION CHIMIQUE**
[72] MATSUNO, MASANORI, JP
[72] UENO, SHIN, JP
[71] NIPPON STEEL NISSHIN CO., LTD., JP
[85] 2019-10-22
[86] 2017-05-19 (PCT/JP2017/018775)
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[51] **Int.Cl. B01F 17/00 (2006.01) C08L 79/02 (2006.01)**
[25] EN
[54] **ORGANIC POLYMER PARTICLES CONTAINING POLY(OXAZOLINE) STABILIZERS AND USE OF POLY(OXAZOLINE)S FOR STABILIZING ORGANIC POLYMER PARTICLES**
[54] **PARTICULES POLYMERES ORGANIQUES CONTENANT COMME STABILISANT DE LA POLY(OXAZOLINE) ET UTILISATION DE POLY(OXAZOLINE)S POUR LA STABILISATION DE PARTICULES POLYMERES ORGANIQUES**
[72] LEISKE, MEIKE NICOLE, DE
[72] TRAGER, ANJA, DE
[72] SCHUBERT, ULRICH SIGMAR, DE
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
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[86] 2018-03-12 (PCT/EP2018/000094)
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[54] **PROCESS FOR ENZYMATIC DEGUMMING**
[54] **PROCEDE DE DEMUCILAGINATION ENZYMATIQUE**
[72] WALSH, DAVID FORRYAN, US
[72] BUENO, ANALIA, NL
[72] MUNTENDAM, REMCO, NL
[72] GREGORY, STEVE, NL
[72] DAMVELD, ROBBERTUS ANTONIUS, NL
[72] JUNG, MICHAEL ELLIOT, NL
[72] MCCANN, KATHRYN, NL
[71] BUNGE OILS, INC., US
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[51] **Int.Cl. C01B 3/06 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING HYDROGEN GAS**
[54] **DISPOSITIF POUR GENERER DU GAZ HYDROGENE**
[72] CHIA, CHIN YANG, MY
[72] YEE, YOKE KEEN, MY
[72] NG, ALBERT KOK FOO, MY
[71] HYDROGEN TECH SDN. BHD., MY
[85] 2019-10-22
[86] 2017-04-22 (PCT/MY2017/050019)
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[51] **Int.Cl. A61F 2/02 (2006.01) A61B 90/00 (2016.01) A61F 2/30 (2006.01) A61F 2/44 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **HIGH X-RAY LUCENCY LATTICE STRUCTURES AND VARIABLY X-RAY LUCENT MARKERS**
[54] **STRUCTURES EN TREILLIS A HAUTE TRANSPARENCE AUX RAYONS X ET MARQUEURS A TRANSPARENCE AUX RAYONS X VARIABLE**
[72] JONES, CHRISTOPHER L., US
[72] HELMAR, IAN, US
[72] DIEHL, LUCAS, US
[72] TINLEY, JASON, US
[72] CHAPPUIS, KEVIN D., US
[72] SULLIVAN, JOHN F., US
[71] HD LIFESCIENCES LLC, US
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[30] US (62/480,383) 2017-04-01
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR TREATING CANCER**
[54] **METHODES ET MATERIELS POUR LE TRAITEMENT DU CANCER**
[72] KIM, YON SON BETTY, US
[72] JIANG, WEN, US
[72] VON ROEMELING, CHRISTINA, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-10-21
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[30] US (62/490,370) 2017-04-26

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[51] **Int.Cl. A23L 2/60 (2006.01) A23L 27/00 (2016.01) A23L 27/30 (2016.01) C07G 3/00 (2006.01) C07H 15/24 (2006.01) C07H 15/256 (2006.01)**
[25] EN
[54] **SWEETNESS AND TASTE IMPROVEMENT OF STEVIOL GLYCOSIDE AND MOGROSIDE SWEETENERS WITH DIHYDROCHALCONES**
[54] **AMELIORATION DE LA SUCROSITE ET DU GOUT D'EDULCORANTS A BASE DE GLYCOSIDE DE STEVIOL ET DE MOGROSIDE AVEC DES DIHYDROCHALCONES**
[72] PRAKASH, INDRA, US
[72] MA, GIL, US
[72] TAN, XIAOLIANG, US
[72] HIGIRO, JUVENAL, US
[72] MERCOGLIANO, CHRISTOPHER, US
[71] THE COCA-COLA COMPANY, US
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[86] 2018-04-25 (PCT/US2018/029343)
[87] (WO2018/200663)
[30] US (62/489,845) 2017-04-25

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[13] A1
[51] **Int.Cl. E03D 9/08 (2006.01)**
[25] EN
[54] **A SEAT AND COVER SYSTEM WITH MEDICINE UNITS**
[54] **SYSTEME DE SIEGE ET DE COUVERCLE DOTE D'UNITES DE MEDICAMENT**
[72] SCHWAB, BRIAN, US
[71] WHOLE BATH, LLC, US
[85] 2019-10-21
[86] 2017-05-06 (PCT/US2017/031484)
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[30] US (62/333,152) 2016-05-06
[30] US (15/588,638) 2017-05-06

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[51] **Int.Cl. G06F 21/30 (2013.01) G06F 21/62 (2013.01)**
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[54] **SYSTEMS AND METHODS FOR DISTRIBUTED DATA MAPPING**
[54] **SYSTEMES ET PROCEDES DE MAPPAGE DE DONNEES DISTRIBUEES**
[72] SCHUKAI, ROBERT JOSEPH, CH
[72] COSTA FAIDELLA, DAVID, CH
[72] PIERLEONI, MARCO, CH
[72] MANUEL, SCOTT RYAN, CH
[71] FINANCIAL & RISK ORGANISATION LIMITED, GB
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[86] 2018-03-15 (PCT/US2018/022677)
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[30] US (62/490,818) 2017-04-27
[30] US (62/506,090) 2017-05-15
[30] US (15/922,505) 2018-03-15

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[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0781 (2010.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **B CELLS FOR IN VIVO DELIVERY OF THERAPEUTIC AGENTS AND DOSAGES THEREOF**
[54] **LYMPHOCYTES B POUR L'ADMINISTRATION IN VIVO D'AGENTS THERAPEUTIQUES ET DOSES DE CEUX-CI**
[72] SCHOLZ, MATTHEW REIN, US
[72] HERBIG, ERIC J., US
[72] MCIVOR R., SCOTT, US
[72] DE LAAT, RIAN, US
[72] OLSON, ERIK, US
[71] IMMUSOFT CORPORATION, US
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[30] US (62/491,151) 2017-04-27

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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **STABLE FORMULATIONS OF ANTI-TIGIT ANTIBODIES ALONE AND IN COMBINATION WITH PROGRAMMED DEATH RECEPTOR 1 (PD-1) ANTIBODIES AND METHODS OF USE THEREOF**
[54] **FORMULATIONS STABLES D'ANTICORPS ANTI-TIGIT SEULS ET EN ASSOCIATION AVEC DES ANTICORPS DU RECEPTEUR DE MORT PROGRAMMEE 1 (PD-1) ET LEURS PROCEDES D'UTILISATION**
[72] DE, ARNAB, US
[72] NARASIMHAN, CHAKRAVARTHY NACHU, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2019-10-21
[86] 2018-05-01 (PCT/US2018/030516)
[87] (WO2018/204405)
[30] US (62/500,278) 2017-05-02

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC VALVE DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POSE DE VALVE PROTHETIQUE**
[72] ANDERSON, MARC, US
[72] CROSBIE, NIALL, US
[72] KEOGH, JAMES R., US
[71] MEDTRONIC VASCULAR INC., US
[85] 2019-10-21
[86] 2018-04-17 (PCT/US2018/027860)
[87] (WO2018/208440)
[30] US (15/589,183) 2017-05-08

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[51] **Int.Cl. D06F 37/30 (2006.01) D06F 33/02 (2006.01) D06F 37/26 (2006.01) D06F 37/40 (2006.01) D06F 39/04 (2006.01)**
[25] EN
[54] **WASHING MACHINE AND CONTROL METHOD THEREOF**
[54] **MACHINE A LAVER ET SON PROCEDE DE COMMANDE**
[72] KIM, SEUNG-HOON, KR
[72] CHOI, JUNG CHUL, KR
[72] LEE, SUNG MO, KR
[72] PARK, JUN HYUN, KR
[72] SHIN, KYOUNG-SEOP, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[87] (WO2018/199433)
[30] KR (10-2017-0055645) 2017-04-28
[30] KR (10-2017-0055738) 2017-04-28
[30] KR (10-2017-0145192) 2017-11-02

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 10/10 (2012.01) G06Q 50/22 (2018.01) G06F 21/60 (2013.01)**
[25] EN
[54] **AN APPLICATION, A SERVICE PROCESSING SYSTEM AND AN INSURANCE SERVICE PROCESSING SYSTEM USING THE SAME**
[54] **UNE APPLICATION, UN SYSTEME DE TRAITEMENT DES SERVICES ET UN SYSTEME DE TRAITEMENT DES SERVICES D'ASSURANCE UTILISANT LE MEME PROCEDE**
[72] MATSUNAGA, CHIKARA, JP
[71] MATSUNAGA, CHIKARA, JP
[85] 2019-10-21
[86] 2017-04-21 (PCT/JP2017/016068)
[87] (WO2018/193624)

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[13] A1
[51] **Int.Cl. G21C 17/08 (2006.01) G02B 13/22 (2006.01)**
[25] EN
[54] **INSPECTION TOOL AND METHOD FOR NUCLEAR REACTOR FUEL CHANNEL ASSEMBLY**
[54] **OUTIL ET PROCEDE D'INSPECTION POUR ASSEMBLAGE DE CANAL DE CARBURANT DE REACTEUR NUCLEAIRE**
[72] DI CARLO, KEVIN, CA
[72] JAMIESON, ROB, CA
[72] DEADMAN, JASON, CA
[71] CANDU ENERGY INC., CA
[85] 2019-10-22
[86] 2018-04-26 (PCT/CA2018/050490)
[87] (WO2018/195663)
[30] US (62/490,405) 2017-04-26

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[13] A1
[51] **Int.Cl. A61F 11/14 (2006.01)**
[25] EN
[54] **EAR COVER ASSEMBLY**
[54] **ENSEMBLE PROTEGE-OREILLES**
[72] FOUNTAIN, PETER DAVID, AU
[72] MAGREE, JACK, AU
[71] LOUD AND CLEAR SAFETY PTY LTD, AU
[85] 2019-10-22
[86] 2018-04-24 (PCT/AU2018/050372)
[87] (WO2018/195592)
[30] AU (2017901486) 2017-04-24

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[13] A1
[51] **Int.Cl. G06Q 50/02 (2012.01) G01N 33/12 (2006.01) G01N 33/50 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **TRACEABILITY OF SWINE TISSUE**
[54] **TRACABILITE D'UN TISSU PORCIN**
[72] WATLING, JOHN ROGER, AU
[72] LEE, GARRY, AU
[71] AUSTRALIAN PORK LIMITED, AU
[85] 2019-10-22
[86] 2018-04-30 (PCT/AU2018/050396)
[87] (WO2018/195610)
[30] AU (2017100469) 2017-04-28

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[13] A1
[51] **Int.Cl. D21C 7/12 (2006.01) D21C 7/16 (2006.01)**
[25] EN
[54] **VENT STACK TEMPERATURE AS A FEEDFORWARD VARIABLE FOR SMELT DISSOLVING TANK TTA CONTROL**
[54] **TEMPERATURE DE COLONNE D'EVENT EN TANT QUE VARIABLE PAR ACTION DIRECTE POUR UNE COMMANDE TTA DE DISSOLVEUR DE SALIN**
[72] REN, WEI, CA
[72] DUBORD, BRENNAN, CA
[72] JOHNSON, JASON, CA
[72] ALLISON, BRUCE JAMES, CA
[71] FPINNOVATIONS, CA
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[86] 2018-05-01 (PCT/CA2018/050512)
[87] (WO2018/201241)
[30] US (62/500,679) 2017-05-03

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[13] A1
[51] **Int.Cl. A61K 35/66 (2015.01) A61K 35/74 (2015.01) A61P 37/04 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **THERAPEUTICALLY TRIGGERING AN INNATE IMMUNE RESPONSE IN A TARGET TISSUE**
[54] **DECLENCHEMENT THERAPEUTIQUE D'UNE REPONSE IMMUNITAIRE INNEE DANS UN TISSU CIBLE**
[72] GUNN, HAROLD DAVID, CA
[72] MULLINS, DAVID W., US
[72] KALYAN, SHIRIN, CA
[72] BOSILJCIC, MOMIR, CA
[72] ZHANG, MONAN ANGELA, CA
[72] THALEN, MARCEL, CA
[72] KABAKCHIEV, BOYKO TRAYCHEV, CA
[72] SHAM, HO PAN, CA
[72] MCGOVERN, DERMOT, US
[72] BAZETT, MARK, CA
[71] QU BIOLOGICS INC., CA
[85] 2019-10-22
[86] 2017-04-26 (PCT/CA2017/050513)
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[51] **Int.Cl. A61B 5/0484 (2006.01) A61B 5/00 (2006.01)**
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[54] **PREDICTION OF THE OUTCOME OF ENDOVASCULAR TREATMENT IN ACUTE ISCHEMIC STROKE PATIENTS**
[54] **PREDICTION DU RESULTAT D'UN TRAITEMENT ENDOVASCULAIRE CHEZ DES PATIENTS SOUFFRANT D'ACCIDENT VASCULAIRE CEREBRAL AIGU**
[72] MARTINEZ PINEIRO, ALICIA, ES
[72] COLL CANTI, JAUME, ES
[71] FUNDACIO INSTITUT D'INVESTIGACIO EN CIENCIES DE LA SALUT GERMANS TRIAS PUJOL, ES
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[25] EN
[54] **WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE AND TRANSMITTING AND REC EIVING NODES**
[54] **PROCEDE DE COMMUNICATION SANS FIL, EQUIPEMENT TERMINAL ET NOEUDS D'EMISSION ET DE RECEPTION**
[72] ZHANG, ZHI, CN
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-10-22
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[54] **DECOUPLING TRACK**
[54] **BANDE DE DECOUPLAGE**
[72] KAISER, UWE, DE
[72] GERACE, VASCO, DE
[72] KROFFGES, TIM SIMON, DE
[72] STRIEDER, BIRGIT, DE
[72] RAIDT, HEINZ PETER, DE
[72] GOERKE, ULRICH, DE
[72] BACHON, THOMAS, DE
[71] EWALD DORKEN AG, DE
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[25] EN
[54] **VALVULAR CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE VALVULAIRE**
[72] SIMIONI, DANIELE, IT
[72] MARCANZIN, RENZO, IT
[71] SIT S.P.A., IT
[85] 2019-10-22
[86] 2017-10-05 (PCT/EP2017/075379)
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[30] KR (10-2017-0052213) 2017-04-24

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[25] EN
[54] **CORROSION INHIBITOR**
[54] **INHIBITEUR DE CORROSION**
[72] DODDS, PATRICK, GB
[71] HEXIGONE INHIBITORS LTD, GB
[85] 2019-10-22
[86] 2018-04-25 (PCT/GB2018/051083)
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[25] EN
[54] **PREVENTION OF THE EMISSION OF HYDROGEN SULPHIDE IN THE PRODUCTION OF HOT BITUMEN OR ASPHALT**
[54] **PREVENTION DE L'EMISSION DE SULFURE D'HYDROGENE DANS LA PRODUCTION DE BITUME OU D'ASPHALTE CHAUD**
[72] FRANKE, WOLFRAM, NO
[72] BREKKE DAHL THOMMESEN, HILDE, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2019-10-22
[86] 2018-07-17 (PCT/EP2018/069363)
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[54] **PARATHYROID HORMONE FUSION POLYPEPTIDE**
[54] **POLYPEPTIDE DE FUSION D'HORMONE PARATHYROIDE**
[72] WILKINSON, IAN, GB
[72] ROSS, RICHARD, GB
[71] UNVERSITY OF SHEFFIELD, GB
[85] 2019-10-22
[86] 2018-04-27 (PCT/GB2018/051120)
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[54] **WIRELESS COMMUNICATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION SANS FIL**
[72] YANG, NING, CN
[72] LIU, JIANHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-10-22
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[51] **Int.Cl. F28D 7/00 (2006.01) F24F 12/00 (2006.01) F28D 1/06 (2006.01) F28F 1/08 (2006.01) F28F 1/30 (2006.01) F28G 9/00 (2006.01)**
[25] EN
[54] **A HEAT EXCHANGER SYSTEM**
[54] **SYSTEME D'ECHANGEUR DE CHALEUR**
[72] FOREST, PHILIPPE, CA
[71] FOREST, PHILIPPE, CA
[85] 2019-10-22
[86] 2018-04-25 (PCT/IB2018/052872)
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[51] **Int.Cl. H04W 12/08 (2009.01)**
[25] EN
[54] **METHOD FOR ACQUIRING CONTEXT CONFIGURATION INFORMATION, TERMINAL DEVICE AND ACCESS NETWORK DEVICE**
[54] **PROCEDE POUR ACQUERIR DES INFORMATIONS DE CONFIGURATION DE CONTEXTE, DISPOSITIF TERMINAL ET DISPOSITIF DE RESEAU D'ACCES**
[72] LIU, JIANHUA, CN
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-10-22
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[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, AND COMMUNICATION METHOD**
[54] **DISPOSITIF TERMINAL, DISPOSITIF STATION DE BASE ET PROCEDE DE COMMUNICATION**
[72] SUZUKI, SHOICHI, JP
[72] OUCHI, WATARU, JP
[72] YOSHIMURA, TOMOKI, JP
[72] LIU, LIQING, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **AIRCRAFT STRUCTURE MANUFACTURING DEVICE**
[54] **DISPOSITIF DE FABRICATION DE STRUCTURE D'AERONEF**
[72] YAMANE, SHIGEMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2019-10-22
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[25] EN
[54] **METHOD OF MANUFACTURING BISPECIFIC ANTIBODIES, BISPECIFIC ANTIBODIES AND THERAPEUTIC USE OF SUCH ANTIBODIES**
[54] **PROCEDE DE FABRICATION D'ANTICORPS BISPECIFIQUES, ANTICORPS BISPECIFIQUES ET UTILISATION THERAPEUTIQUE DESDITS ANTICORPS**
[72] BARDROFF, MICHAEL OTTO, CH
[72] BUCH, TINA, CH
[72] GRAF, CHRISTIAN, CH
[72] HEITMANN, DANIEL, CH
[72] JOSTOCK, THOMAS, CH
[72] KNOPF, HANS-PETER, CH
[72] KOEHLER, ROLF, CH
[72] KOVARIK, JIRI, CH
[72] OLIVER, STEPHEN JOHN, CH
[72] PATEL, DHAVALKUMAR, CH
[72] WOISETSCHLAEGER, MAXIMILIAN, CH
[71] NOVARTIS AG, CH
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[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING DAILY PROFIT AND LOSS TO IMPROVE THE EFFICIENCY OF DAY TO DAY BUSINESS OPERATIONAL ACTIVITIES**
[54] **SYSTEME ET PROCEDE DE DETERMINATION QUOTIDIENNE DE BENEFICES ET DE PERTES AFIN D'AMELIORER L'EFFICACITE DES ACTIVITES OPERATIONNELLES COMMERCIALES QUOTIDIENNES**
[72] FOO, YONG, MY
[71] FOO, YONG, MY
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[86] 2017-06-19 (PCT/MY2017/000022)
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[25] EN
[54] **TRACK SYSTEM**
[54] **SYSTEME DE CHENILLE**
[72] L'HERAULT, PATRICK, CA
[72] MARCHILDON, LOUIS-FREDERIC, CA
[71] SOUCY INTERNATIONAL INC., CA
[85] 2019-10-22
[86] 2017-04-22 (PCT/US2017/029020)
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[51] **Int.Cl. G08B 1/00 (2006.01)**
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[54] **MEDICAL HOME REMINDER UNIT AND SYSTEM**
[54] **UNITE ET SYSTEME DE RAPPELS MEDICAUX A DOMICILE**
[72] STARR, ERIC, US
[72] KNEWTSON, MOLLY, US
[72] CHE, BENJAMIN, US
[71] MYLAN INC., US
[85] 2019-10-22
[86] 2018-02-19 (PCT/US2018/018607)
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[51] **Int.Cl. G02B 1/10 (2015.01) B82Y 20/00 (2011.01) B32B 7/02 (2019.01) B32B 37/02 (2006.01) B60J 3/04 (2006.01) G02B 1/12 (2006.01) G02B 5/20 (2006.01) H05B 3/84 (2006.01)**
[25] EN
[54] **ENERGY CONTROL COATINGS, STRUCTURES, DEVICES, AND METHODS OF FABRICATION THEREOF**
[54] **REVETEMENTS DE REGULATION D'ENERGIE, STRUCTURES, DISPOSITIFS, ET PROCEDES DE FABRICATION ASSOCIES**
[72] KHERANI, NAZIR PYARALI, CA
[72] BALAKRISHNAN, SAI SHANKAR, CA
[72] FOMICHEV, STEPAN OLEGOVICH, CA
[72] YE, YUFENG, CA
[72] KO, REMY HOWARD HAOCHING, CA
[72] SHEA, DANIEL P., CA
[71] 3E NANO INC., CA
[85] 2019-10-17
[86] 2018-04-17 (PCT/CA2018/050461)
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[51] **Int.Cl. G01N 21/31 (2006.01) G01N 21/27 (2006.01)**
[25] EN
[54] **OSCILLATING PATH LENGTH SPECTROMETER**
[54] **SPECTROMETRE DE LONGUEUR DE TRAJET OSCILLANT**
[72] DIFOGGIO, ROCCO, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-10-22
[86] 2018-02-26 (PCT/US2018/019713)
[87] (WO2018/200070)
[30] US (15/495,512) 2017-04-24

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[51] **Int.Cl. C08B 37/00 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **REFINED BETA-GLUCANS AND METHODS OF MAKING THE SAME**
[54] **BETA-GLUCANES RAFFINES ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] MALSAM, JEFFREY J., US
[72] LELIMOUSIN, DOMINIQUE, FR
[72] SUMNER, ERIC STANLEY, US
[71] CARGILL, INCORPORATED, US
[85] 2019-09-26
[86] 2018-03-23 (PCT/US2018/024039)
[87] (WO2018/183111)
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[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **COMMUNICATIONS AND ANALYSIS SYSTEM**
[54] **SYSTEME DE COMMUNICATION ET D'ANALYSE**
[71] SETTLEITSOFT, INC., US
[85] 2019-10-22
[86] 2017-10-19 (PCT/US2017/057287)
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[25] EN
[54] **DEVICE AND KIT FOR DOSING AND DISPENSING NON-LIQUID MEDICINE**
[54] **DISPOSITIF ET KIT DE DOSAGE ET DE DISTRIBUTION DE MEDICAMENT NON LIQUIDE**
[72] PAYTON, GARY, US
[72] BRYANT, JEFF, US
[72] FRANCAVILLA, FRANK, US
[71] AMPLIPHARM PHARMACEUTICALS, LLC, US
[85] 2019-10-22
[86] 2017-12-15 (PCT/US2017/066824)
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[51] **Int.Cl. E02F 9/20 (2006.01)**
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[54] **ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE**
[72] MILLER, PETER J., US
[72] MILKOWSKI, ARTHUR, US
[71] CATERPILLAR GLOBAL MINING LLC, US
[85] 2019-10-22
[86] 2018-03-26 (PCT/US2018/024259)
[87] (WO2018/200107)
[30] US (15/499,978) 2017-04-28

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[51] **Int.Cl. E21B 33/12 (2006.01)**
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[54] **PACKERS HAVING CONTROLLED SWELLING AND METHODS OF MANUFACTURING THEREOF**
[54] **GARNITURES D'ETANCHEITE AYANT UN GONFLEMENT REGULE ET LEURS PROCEDES DE FABRICATION**
[72] DUAN, PING, US
[72] SADANA, ANIL, US
[72] FURLAN, WAYNE, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-10-22
[86] 2018-03-26 (PCT/US2018/024297)
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[30] US (15/496,034) 2017-04-25

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[51] **Int.Cl. G06F 9/38 (2018.01) C04B 30/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SUPPORTING MULTIPLE AUTOMATED WORKFLOWS**
[54] **SYSTEMES ET PROCEDES DE PRISE EN CHARGE DE MULTIPLES AUTOMATISATIONS DES PROCESSUS**
[72] CHAO, RAN, US
[72] JIANG, JING, US
[72] MENG, SHAOYU, US
[72] ZHAO, HUIMIN, US
[71] LIFEFOUNDRY, INC., US
[71] CHAO, RAN, US
[71] JIANG, JING, US
[71] MENG, SHAOYU, US
[71] ZHAO, HUIMIN, US
[85] 2019-10-31
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[51] **Int.Cl. B60S 1/34 (2006.01) B60S 1/42 (2006.01)**
[25] EN
[54] **REDUCED ARC WINDSHIELD WIPER SYSTEM FOR A VEHICLE**
[54] **SYSTEME D'ESSUIE-GLACE A ARC REDUIT POUR VEHICULE**
[72] SHEPHERD, RICHARD, US
[71] SIEMENS MOBILITY, INC., US
[85] 2019-10-22
[86] 2018-03-30 (PCT/US2018/025364)
[87] (WO2018/200125)
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[51] **Int.Cl. G06F 21/45 (2013.01)**
[25] EN
[54] **PERMISSION GRANTING METHOD AND SYSTEM BASED ON ONE-TO-ONE CORRESPONDENCE BETWEEN ROLES AND USERS**
[54] **PROCEDE ET SYSTEME D'OCTROI D'AUTORISATION BASES SUR UNE CORRESPONDANCE BIUNIVOQUE ENTRE DES ROLES ET DES UTILISATEURS**
[72] CHEN, DAZHI, CN
[71] CHENGDU QIANNIUCAO INFORMATION TECHNOLOGY CO., LTD., CN
[85] 2019-10-16
[86] 2018-04-19 (PCT/CN2018/083812)
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/00 (2016.01) A61B 5/11 (2006.01) A61B 8/00 (2006.01)**
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[54] **NON-INVASIVE SYSTEM AND METHOD FOR TRACKING BONES**
[54] **SYSTEME ET PROCEDE NON-INVASIFS DE SUIVI D'OS**
[72] DI, LI, CA
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] COUTURE, PIERRE, CA
[71] ORTHOSOFT ULC, CA
[85] 2019-10-03
[86] 2018-04-06 (PCT/IB2018/052418)
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[30] US (62/482,720) 2017-04-07

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[51] **Int.Cl. C12P 7/04 (2006.01) C12N 9/00 (2006.01)**
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[54] **KETOREDUCTASE POLYPEPTIDES AND POLYNUCLEOTIDES**
[54] **POLYPEPTIDES DE CETOREDUCTASES ET POLYNUCLEOTIDES**
[72] MOORE, JEFFREY C., US
[72] LIANG, JACK, US
[72] PENFIELD, JONATHAN, US
[72] NAZOR, JOVANA, US
[72] DELLAS, NIKKI, US
[72] MITCHELL, VESNA, US
[72] DUAN, DA, US
[72] FARASAT, IMAN, US
[72] RODRIGUEZ-GRANILLO, AGUSTINA, US
[72] MURPHY, GRANT, US
[72] MARSHALL, NICHOLAS, US
[71] CODEXIS, INC., US
[85] 2019-10-22
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[25] EN
[54] **MACHINING FACILITY AND METHOD FOR CHANGING A TOOL IN THE MACHINING FACILITY**
[54] **SYSTEME D'USINAGE ET PROCEDE POUR EFFECTUER UN CHANGEMENT D'OUTIL AU NIVEAU DU SYSTEME D'USINAGE**
[72] DALLINGER, FRIEDRICH, AT
[72] FISCHER, HANNES, AT
[71] FILL GESELLSCHAFT M.B.H., AT
[85] 2019-10-23
[86] 2018-04-25 (PCT/AT2018/060078)
[87] (WO2018/195572)
[30] AT (A50334/2017) 2017-04-25

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[51] **Int.Cl. B65D 83/04 (2006.01) B65D 43/20 (2006.01)**
[25] EN
[54] **CHILD-RESISTANT SINGLE PILL DISPENSER**
[54] **DISTRIBUTEUR DE PILULES A L'UNITE SECURISE POUR LES ENFANTS**
[72] MARTIN, JOSEPH, US
[72] SCHMIDT, ERIC, US
[72] PETIT, ROBERT G., US
[71] BAYER HEALTHCARE LLC, US
[85] 2019-10-22
[86] 2018-04-19 (PCT/US2018/028273)
[87] (WO2018/200302)
[30] US (62/489,648) 2017-04-25
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[51] **Int.Cl. C08L 23/06 (2006.01) C08K 5/14 (2006.01) H01B 3/18 (2006.01)**
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[54] **POLYETHYLENE BLEND COMPOSITION**
[54] **COMPOSITION DE MELANGE DE POLYETHYLENE**
[72] CREE, STEPHEN H., CH
[72] BOGDANOV, MIKHAIL, RU
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-10-22
[86] 2018-04-20 (PCT/US2018/028470)
[87] (WO2018/200319)
[30] US (62/490,653) 2017-04-27

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[51] **Int.Cl. E04H 15/00 (2006.01) E04H 15/08 (2006.01) E04H 15/48 (2006.01) E04H 15/54 (2006.01)**
[25] EN
[54] **FOLDABLE VEHICLE ROOF TENT**
[54] **TENTE DE TOIT DE VEHICULE PLIANTE**
[72] ZHOU, NANQING, CN
[72] MAO, MUHUA, CN
[72] CHEN, MING, CN
[71] Q-YIELD OUTDOOR GEAR LTD., CN
[85] 2019-09-30
[86] 2017-06-29 (PCT/CN2017/090765)
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[51] **Int.Cl. C02F 1/68 (2006.01)**
[25] EN
[54] **WATER MINERALIZING SYSTEM**
[54] **SYSTEME DE MINERALISATION D'EAU**
[72] MINOR, TAYLOR, US
[72] NICK, CHARLES R., US
[71] THIRD WAVE WATER LLC, US
[85] 2019-10-22
[86] 2018-04-23 (PCT/US2018/028888)
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[30] US (62/488,849) 2017-04-23

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[54] **PROCEDES ET SYSTEMES DE SEPARATION DE DIOXYDE DE CARBONE DANS LA PRODUCTION D'ALCANES**
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[72] MALEK, ANDRZEJ, US
[72] NIESKENS, DAVY L. S., NL
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[54] **SYSTEME DE GENERATION D'ENERGIE DE FOND DE TROU ET SON PROCEDE DE REGULATION DE PUISSANCE OPTIMISEE**
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[72] LIAO, YI, US
[72] MAO, SAIJUN, CN
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[71] OTTAWA HEART INSTITUTE RESEARCH CORPORATION, CA
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[71] ALMEDA LABS LLC, US
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[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS, DISPOSITIF TERMINAL ET DISPOSITIF DE RESEAU**
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT DU SIGNAL**
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[71] MAYR-MELNHOF KARTON AG, AT
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[72] SPERO, DENICE, US
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[72] WONG, KAREN, US
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[54] **FILM D'ECRITURE MANUSCRITE A CRISTAUX LIQUIDES, ET PROCEDE ET DISPOSITIF DE FABRICATION DE CELUI-CI**
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[71] SHENZHEN WICUE OPTOELECTRONICS. CO. LTD, CN
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[72] KEELING, KEENAN, US
[72] HALL, BRANDEN, US
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[54] **CHARIOT A BRAS ROBOTISE AYANT DES JOINTS PIVOTANTS DE VERROUILLAGE ET D'AUTRES ELEMENTS DE REGLAGE DE POSITION ET LEURS UTILISATIONS**
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[72] REESE, BRENDAN C., US
[72] CLAUSON, LUKE W., US
[71] VERB SURGICAL INC., US
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[54] **MACHINE AGRICOLE POUR L'EPANDAGE D'UN PRODUIT A REPARTIR ET ORGANE DE DOSAGE POUR CELLE-CI**
[72] STOCKLIN, VOLKER, DE
[71] RAUCH LANDMASCHINENFABRIK GMBH, DE
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[54] **FORMULATIONS DE MATIERES PLASTIQUES A ENTRAINEMENT MINERAL EN TANT QU'ELEMENTS DE PERFORATION**
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[72] ERTZSCHEID, ANDRE, FR
[71] CSP TECHNOLOGIES, INC., US
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[54] **POLYPEPTIDE DE LIAISON A L'ACIDE SIALIQUE**
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[72] WOODS, ROBERT J., US
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[54] **RECIPIENT COMPORTANT DES ELEMENTS ADAPTES AUX SENIORS ET COMPRENANT UNE SECURITE ENFANT ET SON PROCEDE D'UTILISATION ET DE FABRICATION**
[72] PERDUE, ETHAN ROSS, US
[72] FOUTCH, ALEXIA, US
[71] CSP TECHNOLOGIES, INC., US
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[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'AUDIO ET DE DONNEES EN TEMPS REEL**
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[72] SIMPSON, ANN MARIE, US
[72] POLLACK, NATHANIAL, US
[72] SINGH, VIKRAM, US
[71] MIXHALO CORP., US
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[54] **SYSTEMES ET PROCEDES D'OBTENTION D'UNE SINGULARISATION D'OBJETS POUR TRAITEMENT PAR REDISTRIBUTION DE MOUVEMENT D'OBJETS**
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[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
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[72] KADARI, NISCHIT REDDY, US
[72] HICKIE, BARTON, US
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[54] **PROCEDE D'ENVOI ET DE RECEPTION D'INFORMATIONS ET EQUIPEMENT ASSOCIE**
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[72] XIANG, GAO, CN
[72] GAO, KUANDONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **FORMULATIONS ORALES D'INHIBITEUR DE HSP90 ET PROCEDES ASSOCIES**
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[71] HIP INNOVATION TECHNOLOGY, LLC, US
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[54] **2-AMINO-QUINOLINE DERIVATIVES**
[54] **DERIVES DE 2-AMINO-QUINOLEINE**
[72] LI, LIXIN, CN
[72] GUAN, HUIPING, CN
[71] BIRDIE BIOPHARMACEUTICALS, INC., KY
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[51] **Int.Cl. A61B 6/00 (2006.01) G01T 1/161 (2006.01) G01T 7/00 (2006.01)**
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[54] **PROBE AND SYSTEM AND METHOD FOR DETECTING RADIATION AND MAGNETIC ACTIVITY FROM BODY TISSUE**
[54] **SONDE ET SYSTEME ET PROCEDE DE DETECTION DE RAYONNEMENT ET D'ACTIVITE MAGNETIQUE A PARTIR D'UN TISSU CORPOREL**
[72] SUBRAMANIAN, MANNY R., US
[72] KRAUS, THOMAS M., US
[71] BEST MEDICAL INTERNATIONAL, INC., US
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[86] 2018-04-24 (PCT/US2018/029168)
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[54] **INSULATED EQUINE THERAPY BOOT**
[54] **GUETRE DE THERAPIE EQUINE ISOLEE**
[72] LUDOVICE, MIRANDA, US
[72] LIN, JERRY, US
[72] SOLON, EMILY, US
[72] WANG, YUYAN, US
[72] PARKS, ANDREW H., US
[72] WILLIAMS, JARRED M., US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[71] LUDOVICE, MIRANDA, US
[71] LIN, JERRY, US
[71] SOLON, EMILY, US
[71] WANG, YUYAN, US
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[54] **TISSUE IMAGING SYSTEM AND METHOD FOR TISSUE IMAGING**
[54] **SYSTEME D'IMAGERIE TISSULAIRE ET PROCEDE D'IMAGERIE TISSULAIRE**
[72] GUPTA, VINEET, US
[71] BEST MEDICAL INTERNATIONAL, INC., US
[85] 2019-10-22
[86] 2018-04-24 (PCT/US2018/029182)
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[54] **AN ADJUSTABLE AMBIENT AIR-OXYGEN BLENDER**
[54] **MELANGEUR AIR AMBIANT-OXYGENE REGLABLE**
[72] BURKE, THOMAS FRIEDRICH, US
[72] BELLARE, ANUJ, US
[72] MOGHADDAM, KAMYAR MOLLAZADEH, US
[71] VAYU GLOBAL HEALTH INNOVATIONS, LLC, US
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[54] **DOSING REGIMEN FOR TREATMENT OF COGNITIVE AND MOTOR IMPAIRMENTS WITH BLOOD PLASMA AND BLOOD PLASMA PRODUCTS**
[54] **SCHEMA POSOLOGIQUE POUR LE TRAITEMENT DE DEFICIENCES COGNITIVES ET MOTRICES AVEC DU PLASMA SANGUIN ET DES PRODUITS DE PLASMA SANGUIN**
[72] BRAITHWAITE, STEVEN P., US
[72] CZIRR, EVA, US
[72] GALLAGER, IAN, US
[72] HUBER, NINA, US
[72] MINAMI, S. SAKURA, US
[71] ALKAHEST, INC., US
[85] 2019-10-22
[86] 2018-04-24 (PCT/US2018/029189)
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[54] **MULTI-COMPARTMENT ARTICLE DISPENSING PACKAGE**
[54] **EMBALLAGE DE DISTRIBUTION D'ARTICLES A PLUSIEURS COMPARTIMENTS**
[72] BRAVERMAN, ROBERT, US
[72] LAWSON, DONALD A., US
[71] MEDI-DOSE, INC., US
[85] 2019-10-21
[86] 2018-04-04 (PCT/US2018/026042)
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[25] EN
[54] **A TOPICAL COMPOSITION FOR TREATING ROSACEA AND A METHOD FOR TREATING ROSACEA WITH THE SAME**
[54] **COMPOSITION TOPIQUE DE TRAITEMENT DE LA ROSACEE ET PROCEDE DE TRAITEMENT DE LA ROSACEE AVEC CELLE-CI**
[72] WHITCUP, SCOTT, US
[72] YANG, RONG, US
[72] NI, JINSONG, US
[71] WHITCUP, SCOTT, US
[71] YANG, RONG, US
[71] NI, JINSONG, US
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[54] **CHIP COLLECTING DEVICE**
[54] **DISPOSITIF DE COLLECTE DE PUCES**
[72] NAKAJIMA, KOTARO, JP
[71] KYOKUTOH CO., LTD., JP
[85] 2019-10-21
[86] 2017-12-15 (PCT/JP2017/045046)
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[54] **IMMUNOMODULATING TRANSGENIC PLANTS AND RELATED METHODS**
[54] **PLANTES TRANSGENIQUES IMMUNOMODULATRICES ET PROCEDES ASSOCIES**
[72] RAAB, R. MICHAEL, US
[72] BOUGRI, OLEG, US
[72] PARKER, MATTHEW, US
[72] LESSARD, PHILIP A., US
[71] AGRIVIDA, INC., US
[85] 2019-10-22
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[54] **SYSTEM, METHOD, AND APPARATUS FOR DETERMINING AN END-OF-TRAIN POSITION**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION DE FIN DE TRAIN**
[72] KERNWEIN, JEFFREY D., US
[72] BRATCHER, MICHAEL, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2019-10-21
[86] 2018-02-20 (PCT/US2018/018676)
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[54] **SPHINGOSINE PATHWAY MODULATING COMPOUNDS FOR THE TREATMENT OF CANCERS**
[54] **COMPOSES MODULANT LA VOIE DE LA SPHINGOSINE POUR LE TRAITEMENT DE CANCERS**
[72] ELAZAR, RABBANI, US
[72] DONEGAN, JAMES J., US
[72] DIAMOND, PAUL, US
[71] ENZO BIOCHEM, INC., US
[71] ELAZAR, RABBANI, US
[71] DONEGAN, JAMES J., US
[71] DIAMOND, PAUL, US
[85] 2019-10-22
[86] 2018-06-25 (PCT/US2018/039263)
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[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM FOR PROVIDING A CARD-LINKED OFFER NETWORK THAT ENABLES A CONSUMER TO LINK THE SAME PAYMENT CARD TO THE SAME OFFER ON MULTIPLE DIFFERENT PUBLISHER SITES**
[54] **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE DESTINES A FOURNIR UN RESEAU D'OFFRES LIEES A UNE CARTE PERMETTANT A UN CONSOMMATEUR DE RELIER LA MEME CARTE DE PAIEMENT A LA MEME OFFRESUR DE MULTIPLES SITES D'EDITEUR DIFFERENTS**
[72] SHI, NORMAN, US
[72] OSBORN, CHRIS, US
[72] HERROLD, TODD, US
[72] HOUSER, MATT, US
[72] ROSS, DEVIN, US
[71] EBATES INC., US
[85] 2019-10-22
[86] 2018-04-24 (PCT/US2018/029198)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING TRAUMATIC BRAIN INJURY**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT D'UNE LESION CEREBRALE TRAUMATIQUE**
[72] BAGUISI, ALEXANDER, US
[72] BEEUWKES, REINIER, US
[72] CASALE, RALPH, US
[72] DEWAHL, DAVID A., JR., US
[72] KATES, STEVEN A., US
[72] LADER, ALAN S., US
[71] ISCHEMIX LLC, US
[85] 2019-10-22
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[54] **TRITERPENE SAPONIN ANALOGUES**
[54] **ANALOGUES DE SAPONINE TRITERPENIQUE**
[72] LIVINGSTON, PHILIP, US
[72] RAGUPATHI, GOVIND, US
[72] GARDNER, JEFFREY, US
[72] MARTIN, J. TYLER, US
[71] ADJUVANCE TECHNOLOGIES, INC., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2019-10-22
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[54] **IMPROVED LAMP CONSTRUCTS**
[54] **CONSTRUCTIONS AMELIOREES DE LAMP**
[72] HEILAND, TERI, US
[71] IMMUNOMIC THERAPEUTICS, INC., US
[85] 2019-10-21
[86] 2018-04-22 (PCT/US2018/028753)
[87] (WO2018/195527)
[30] US (62/488,741) 2017-04-22
[30] US (62/549,119) 2017-08-23
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[25] EN
[54] **COMPOUND USED AS AUTOPHAGY REGULATOR, AND PREPARATION METHOD THEREFOR AND USES THEREOF**
[54] **COMPOSE TENANT LIEU DE MODIFICATEUR AUTOPHAGE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] LUO, CHENG, CN
[72] XIE, YULI, CN
[72] ZHOU, BING, CN
[72] YAO, ZHIYI, CN
[72] YUE, LIYAN, CN
[72] WAN, WEI, CN
[72] ZHANG, BIDONG, CN
[72] ZHANG, YUANYUAN, CN
[72] JIANG, HUALIANG, CN
[72] CHEN, KAIXIAN, CN
[71] WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD., CN
[85] 2019-10-23
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[51] **Int.Cl. C08G 63/664 (2006.01) A61L 24/04 (2006.01) C08G 81/02 (2006.01)**
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[54] **BIODEGRADABLE BONE GLUE**
[54] **COLLE D'OS BIODEGRADABLE**
[72] XUE, TENG, CN
[72] LUPPI, GIANLUIGI, DE
[72] SAVIETTO, NATALIA RUGGERI, US
[72] BOWMAN, HOWARD K., III, US
[72] SPENCER, PAUL JOSEPH, DE
[72] KARAU, ANDREAS, DE
[72] ZHANG, JIAN-FENG, US
[72] LIZIO, ROSARIO, DE
[72] JONES, MARSHALL SCOTT, US
[71] EVONIK DEGUSSA GMBH, DE
[85] 2019-10-23
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[51] **Int.Cl. A01G 24/28 (2018.01) A01G 20/20 (2018.01)**
[25] EN
[54] **METHOD FOR STIMULATING PLANT DISEASE SUPPRESSIVE ACTIVITY IN SPHAGNUM MOSS, RELATED PRODUCTS AND USES**
[54] **PROCEDE PERMETTANT DE STIMULER L'ACTIVITE SUPPRESSIVE DE MALADIE DE PLANTE DANS LA MOUSSE DE SPHAIGNE, PRODUITS ET UTILISATIONS ASSOCIES**
[72] TAHVONEN, RISTO, FI
[72] SARKKA, LIISA, FI
[72] JOKINEN, KARI, FI
[72] NAKKILA, JUHA, FI
[71] LUONNONVARAKESKUS, FI
[85] 2019-10-23
[86] 2018-05-04 (PCT/EP2018/061456)
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[51] **Int.Cl. A01K 31/04 (2006.01) A01K 31/17 (2006.01)**
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[54] **EXCREMENT-DRYING DEVICE**
[54] **DISPOSITIF DE DESSICCATION D'EXCREMENTS**
[72] INAUEN, URS, CH
[71] INAUEN, URS, CH
[85] 2019-10-23
[86] 2018-05-02 (PCT/EP2018/061177)
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[30] EP (17169253.6) 2017-05-03

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[51] **Int.Cl. A61M 25/00 (2006.01) A61L 29/06 (2006.01) B29C 70/42 (2006.01)**
[25] EN
[54] **INTRODUCER WITH PARTIALLY ANNEALED REINFORCEMENT ELEMENT AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIF D'INTRODUCTION AVEC ELEMENT DE RENFORCEMENT PARTIELLEMENT RECUIT ET SYSTEMES ET PROCEDES ASSOCIES**
[72] CISE, DAVID, US
[72] HALES, DOUG, US
[72] SINGLETON, ALEX, US
[72] HEATON, BRYAN, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2019-10-21
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[54] **MITRAL VALVE SPACER DEVICE**
[54] **DISPOSITIF D'ESPACEMENT DE VALVE MITRALE**
[72] MARR, DEVIN H., US
[72] DELGADO, SERGIO, US
[72] DIXON, ERIC ROBERT, US
[72] TAYLOR, DAVID M., US
[72] METCHIK, ASHER L., US
[72] WINSTON, MATTHEW T., US
[72] STEARNS, GRANT MATTHEW, US
[72] SOK, SAM, US
[72] NGUYEN, TAM VAN, US
[72] KWON, RHAYOUNG, US
[72] WU, VICTORIA CHENG-TAN, US
[72] WHITE, AMANDA KRISTINE ANDERSON, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-10-21
[86] 2018-05-10 (PCT/US2018/031959)
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[30] US (62/504,389) 2017-05-10
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[30] US (62/659,253) 2018-04-18
[30] US (15/973,892) 2018-05-08

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[51] **Int.Cl. G06F 17/50 (2006.01)**
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[54] **PLANE WAVE DUAL BASIS FOR QUANTUM SIMULATION**
[54] **BASE DOUBLE D'ONDE PLANE POUR SIMULATION QUANTIQUE**
[72] BABBUSH, RYAN, US
[71] GOOGLE LLC, US
[85] 2019-10-21
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[30] US (62/508,843) 2017-05-19

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[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **REDUCTION OF APPLICATION-RELATED SIDE REACTION OF A THERAPEUTIC ANTIBODY**
[54] **REDUCTION DE LA REACTION SECONDAIRE LIEE A L'ADMINISTRATION D'UN ANTICORPS THERAPEUTIQUE**
[72] FISCHER, JENS, DE
[72] FRESKGARD, PER-OLA, CH
[72] IGLESIAS, ANTONIO, CH
[72] NIEWOEHNER, JENS, DE
[72] WEBER, FELIX, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-10-21
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[25] EN
[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS, AND METHODS OF USE THEREOF**
[54] **COMPOSES THERAPEUTIQUES, COMPOSITIONS ET PROCEDES D'UTILISATION ASSOCIES**
[72] ZAK, MARK, US
[72] ROMERO, F. ANTHONY, US
[72] CHENG, YUN-XING, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-10-21
[86] 2018-05-21 (PCT/EP2018/063262)
[87] (WO2018/215389)
[30] CN (PCT/CN2017/085276) 2017-05-22
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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/404 (2006.01) A61P 31/04 (2006.01) C07D 209/42 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/04 (2006.01)**
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[54] **INDOLE DERIVATIVES AS EFFLUX PUMP INHIBITORS**
[54] **DERIVES D'INDOLE UTILISES EN TANT QU'INHIBITEURS DE POMPE D'EFFLUX**
[72] LAVOIE, EDMOND J., US
[72] PARHI, AJIT, US
[72] YUAN, YI, US
[72] ZHANG, YONGZHENG, US
[72] SUN, YANGSHENG, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2019-10-21
[86] 2018-03-09 (PCT/US2018/021848)
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[30] US (62/469,987) 2017-03-10
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[54] **TARGETED NEOEPITOPE VECTORS AND METHODS THEREFOR**
[54] **VECTEURS DE NEO-EPITOPES CIBLES ET PROCEDES ASSOCIES**
[72] NIAZI, KAYVAN, US
[71] NANTCELL, INC., US
[85] 2019-10-21
[86] 2018-04-23 (PCT/US2018/028889)
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[30] US (62/489,102) 2017-04-24

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[25] EN
[54] **METHOD FOR PRODUCING DENSIFIED CELLULOSIC COMPOSITE MATERIAL**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU COMPOSITE CELLULOSIQUE DENSIFIE**
[72] SCHNIDER, THOMAS, CH
[72] BURGERT, INGO, CH
[72] SEGMEHL, JANA, CH
[72] KEPLINGER, TOBIAS, CH
[71] ETH ZURICH, CH
[71] EMPA, EIDGENOSSISCHE MATERIALPRUFUNGS- UND FORSCHUNGSANSTALT, CH
[85] 2019-10-21
[86] 2018-04-12 (PCT/EP2018/059366)
[87] (WO2018/197222)
[30] EP (17168238.8) 2017-04-26

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[13] A1
[51] **Int.Cl. A61K 31/185 (2006.01) A61K 31/195 (2006.01) A61K 31/404 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **IDALOPIRDINE-BASED COMBINATORIAL THERAPIES OF ALZHEIMER'S DISEASE**
[54] **THERAPIES COMBINATOIRES A BASE D'IDALOPIRDINE POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] COHEN, DANIEL, FR
[72] NABIROCHKIN, SERGUEI, FR
[72] HAJJ, RODOLPHE, FR
[72] BRUREAU, ANTHONY, FR
[71] PHARNEXT, FR
[85] 2019-10-21
[86] 2018-04-23 (PCT/EP2018/060284)
[87] (WO2018/197383)
[30] EP (17305462.8) 2017-04-24

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[13] A1
[51] **Int.Cl. C07D 241/16 (2006.01) C07D 241/20 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **IMIDAZOPYRAZINE DERIVATIVES, PROCESS FOR PREPARATION THEREOF, AND THEIR USES AS LUCIFERINS**
[54] **DERIVES D'IMIDAZOPYRAZINE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS EN TANT QUE LUCIFERINES**
[72] JANIN, YVES-LOUIS, FR
[72] COUTANT, ELOI PAUL, FR
[72] HERVIN, VINCENT, FR
[72] GAGNOT, GLWADYS, FR
[72] JACOB, YVES, FR
[72] GOYARD, SOPHIE, FR
[72] ROSE, THIERRY, FR
[71] INSTITUT PASTEUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2019-10-21
[86] 2018-04-30 (PCT/EP2018/061050)
[87] (WO2018/197727)
[30] EP (17168838.5) 2017-04-28

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[13] A1
[51] **Int.Cl. C08F 6/14 (2006.01) C08F 6/20 (2006.01) C08F 8/32 (2006.01) C08K 5/3435 (2006.01)**
[25] EN
[54] **HALOGENATED ELASTOMERS WITH MOONEY VISCOSITY STABILITY AND METHOD FOR PREPARING SAME**
[54] **ELASTOMERES HALOGENES PRESENTANT UNE STABILITE DE VISCOSITE DE MOONEY ET PROCEDE POUR LEUR PREPARATION**
[72] GU, LEMING, US
[72] BARBEE, THOMAS R., US
[72] SCHMIEG, JOEL E., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2019-10-23
[86] 2018-03-28 (PCT/US2018/024725)
[87] (WO2018/217294)
[30] US (62/509,270) 2017-05-22
[30] EP (17178246.9) 2017-06-28

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[13] A1
[51] **Int.Cl. C21D 6/00 (2006.01) C21D 9/46 (2006.01) C22C 38/02 (2006.01) C23C 2/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HIGH STRENGTH STEEL SHEET HAVING HIGH DUCTILITY, FORMABILITY AND WELDABILITY, AND OBTAINED STEEL SHEET**
[54] **PROCEDE POUR LA PRODUCTION D'UNE TOLE D'ACIER A HAUTE RESISTANCE AYANT UNE DUCTILITE, UNE APTITUDE AU FORMAGE ET UNE SOUDABILITE ELEVEES ET TOLE D'ACIER AINSI OBTENUE**
[72] VENKATASURYA, PAVAN C., US
[72] CHAKRABORTY, ANIRBAN, US
[72] GHASSEMI-ARMAKI, HASSAN, US
[71] ARCELORMITTAL, LU
[85] 2019-10-23
[86] 2018-05-07 (PCT/EP2018/061722)
[87] (WO2018/202916)
[30] IB (PCT/IB2017/052631) 2017-05-05

[21] **3,061,265**
[13] A1
[25] EN
[54] **PROCESSING AND STORING BLOCKCHAIN DATA UNDER A TRUSTED EXECUTION ENVIRONMENT**
[54] **TRAITEMENT ET STOCKAGE DE DONNEES DE CHAINE DE BLOCS DANS UN ENVIRONNEMENT D'EXECUTION SECURISE**
[72] WEI, CHANGZHENG, CN
[72] YAN, YING, CN
[72] ZHAO, BORAN, CN
[72] SONG, XUYANG, CN
[72] DU, HUABING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-10-23
[86] 2019-04-03 (PCT/CN2019/081182)
[87] (WO2019/120328)

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **TRANSFERRING DIGITAL TICKETS BASED ON BLOCKCHAIN NETWORKS**
[54] **TRANSFERT DE TICKETS NUMERIQUES A PARTIR DE RESEAUX DE CHAINE DE BLOCS**
[72] FENG, ZHIYUAN, CN
[72] LI, YANPENG, CN
[72] CHENG, LONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-10-23
[86] 2019-04-08 (PCT/CN2019/081687)
[87] (WO2019/120329)

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 31/00 (2006.01) A61K 45/00 (2006.01)**
[25] EN
[54] **METHODS OF IMPROVING THE SOLUBILITY AND BIOAVAILABILITY OF THERAPEUTIC AGENTS**
[54] **PROCEDES D'AMELIORATION DE LA SOLUBILITE ET DE LA BIODISPONIBILITE D'AGENTS THERAPEUTIQUES**
[72] JHA, ANJANI KUMAR, US
[71] MAA LABORATORIES, INC., US
[85] 2019-10-07
[86] 2018-04-06 (PCT/US2018/026522)
[87] (WO2018/187728)
[30] US (62/482,944) 2017-04-07

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[13] A1
[25] EN
[54] **DISTRIBUTED KEY MANAGEMENT FOR TRUSTED EXECUTION ENVIRONMENTS**
[54] **GESTION DE CLE REPARTIE POUR ENVIRONNEMENTS D'EXECUTION DE CONFIANCE**
[72] WEI, CHANGZHENG, CN
[72] YAN, YING, CN
[72] ZHAO, BORAN, CN
[72] SONG, XUYANG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-10-23
[86] 2019-04-26 (PCT/CN2019/084530)
[87] (WO2019/137565)

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[13] A1
[51] **Int.Cl. G06T 7/564 (2017.01) G06T 7/12 (2017.01) G06T 7/174 (2017.01) G06T 7/194 (2017.01) G06T 7/246 (2017.01)**
[25] EN
[54] **MOTION ANALYSIS SYSTEM AND MOTION TRACKING SYSTEM COMPRISING SAME OF MOVED OR MOVING OBJECTS THAT ARE THERMALLY DISTINCT FROM THEIR SURROUNDINGS**
[54] **SYSTEME D'ANALYSE DE DEPLACEMENT ET SYSTEME DE SUIVI DE DEPLACEMENT, LE COMPRENANT, D'OBJETS DEPLACES OU SE DEPLACANT, SE DETACHANT THERMIQUEMENT DE LEUR ENVIRONNEMENT**
[72] RUSS, ANDREAS, DE
[72] RUSS, PHILIPP, DE
[71] SIMI REALITY MOTION SYSTEMS GMBH, DE
[85] 2019-10-23
[86] 2017-04-24 (PCT/DE2017/100331)
[87] (WO2017/186225)
[30] DE (10 2016 107 667.8) 2016-04-25

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[13] A1
[51] **Int.Cl. A61K 31/737 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/728 (2006.01) A61K 39/08 (2006.01) A61P 13/10 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **BLADDER INSTILLATION COMPOSITION CONTAINING CHONDROITIN SULFATE (20 MG/ML), HYALURONIC ACID (16 MG/ML), AND A PHOSPHATE BUFFER (PH 6.1 TO 7.9) WITH INCREASED STORAGE STABILITY FOR TREATING CYSTITIS**
[54] **COMPOSITION POUR INSTILLATION VESICALE CONTENANT DU SULFATE DE CHONDROITINE (20 MG/ML), DE L'ACIDE HYALURONIQUE (16 MG/ML) ET UN TAMPON PHOSPHATE (PH 6,1 A 7,9) ET A STABILITE AUSTOCKAGE ACCRUE, DESTINEE AU TRAITEMENT DE LA CYSTITE**
[72] MEIER, ANDREAS, DE
[71] FARCO-PHARMA GMBH, DE
[85] 2019-10-23
[86] 2018-05-02 (PCT/EP2018/061147)
[87] (WO2018/206357)
[30] EP (17000820.5) 2017-05-12
[30] EP (17173817.2) 2017-05-31

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[13] A1
[51] **Int.Cl. A61K 31/737 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/728 (2006.01) A61P 13/10 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **BLADDER INSTILLATION COMPOSITION WITH INCREASED STORAGE STABILITY AND CONTAINING CHONDROTIN SULFATE (4.5 MG/ML), HYALURONIC ACID (16 MG/ML)AND PHOSPHATE BUFFER (PH 6.1 TO 7.9), FOR THE TREATMENT OF CYSTITIS**
[54] **COMPOSITION POUR INSTILLATION VESICALE CONTENANT DU SULFATE DE CHONDROITINE (4,5 MG/ML), DE L'ACIDE HYALURONIQUE (16 MG/ML) ET UN TAMPON PHOSPHATE (PH 6,1 A 7,9) ET A STABILITE AUSTOCKAGE ACCRUE, DESTINEE AU TRAITEMENT DE LA CYSTITE**
[72] MEIER, ANDREAS, DE
[71] FARCO-PHARMA GMBH, DE
[85] 2019-10-23
[86] 2018-05-02 (PCT/EP2018/061148)
[87] (WO2018/206358)
[30] EP (17000821.3) 2017-05-12
[30] EP (17173823.0) 2017-05-31

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[13] A1
[51] **Int.Cl. F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW ELEMENT**
[54] **ELEMENT VIS**
[72] LANGEWIESCHE, FRANK, DE
[71] SPAX INTERNATIONAL GMBH & CO. KG, DE
[85] 2019-10-23
[86] 2018-05-08 (PCT/EP2018/061888)
[87] (WO2018/210637)
[30] EP (17170965.2) 2017-05-15

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[13] A1
[51] **Int.Cl. C08J 5/22 (2006.01) H01M 10/0525 (2010.01) H01M 10/0565 (2010.01) B01D 71/34 (2006.01) C08L 27/16 (2006.01) C08L 71/02 (2006.01)**
[25] EN
[54] **FLUOROPOLYMER HYBRID COMPOSITE**
[54] **COMPOSITE HYBRIDE DE FLUOROPOLYMERE**
[72] FRACHE, ALBERTO, IT
[72] ABUSLEME, JULIO A., IT
[72] CISTERNINO, ALBERTO, IT
[72] HAMON, CHRISTINE, IT
[72] BESANA, GIAMBATTISTA, IT
[72] BRUSSEAU, SEGOLENE, FR
[72] LAVASELLI, MATTEO, IT
[72] CAMINO, GIOVANNI, IT
[71] SOLVAY SA, BE
[85] 2019-10-23
[86] 2018-05-08 (PCT/EP2018/061937)
[87] (WO2018/206612)
[30] EP (17305539.3) 2017-05-12

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[13] A1
[51] **Int.Cl. A61M 1/14 (2006.01) A61F 7/00 (2006.01) A61M 1/36 (2006.01) A61M 5/44 (2006.01) F28F 3/12 (2006.01)**
[25] EN
[54] **CONTAINER FOR FLUIDS AND APPARATUS FOR TEMPERATURE CONTROL, E.G. WARMING, OF MEDICAL FLUIDS**
[54] **RECIPIENT POUR FLUIDES ET APPAREIL POUR LA REGULATION DE TEMPERATURE, PAR EXEMPLE LE CHAUFFAGE, DE FLUIDES MEDICAUX**
[72] POUCHOULIN, DOMINIQUE, FR
[72] NISIPEANU, EUGEN, US
[71] GAMBRO LUNDIA AB, SE
[85] 2019-10-23
[86] 2018-05-09 (PCT/EP2018/062135)
[87] (WO2018/206718)
[30] EP (17170551.0) 2017-05-11

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[13] A1
[51] **Int.Cl. C08G 69/04 (2006.01) C07C 231/02 (2006.01) C07C 233/36 (2006.01)**
[25] EN
[54] **POLY-LYSINE DERIVATIVE STABILIZE SOLID-BASED COMPOSITIONS COMPRISING ONE OR MORE SALTS**
[54] **COMPOSITIONS A BASE DE SOLIDE STABILISANT DE DERIVE DE POLYLYSINE COMPRENANT UN OU PLUSIEURS SELS**
[72] KALT, MARKUS, DE
[72] RUDE, JANINE, DE
[72] WITTELER, HELMUT, DE
[72] MEISE, MARKUS, DE
[72] KLIPPEL, FRANK, DE
[72] SCHROEDER-GRIMONPONT, TINA, DE
[72] SEELMANN-EGGEBERT, HANS-PETER, DE
[71] BASF SE, DE
[85] 2019-10-23
[86] 2018-05-11 (PCT/EP2018/062197)
[87] (WO2018/206758)
[30] EP (17170900.9) 2017-05-12
[30] EP (17192942.5) 2017-09-25
[30] EP (17209244.7) 2017-12-21

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[13] A1
[51] **Int.Cl. A47B 57/26 (2006.01) A47B 57/56 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **SHELF**
[54] **RAYONNAGE**
[72] WEBER, BERNHARD, CH
[72] EICHENBERGER, URS, CH
[72] MEYER, FRANZ, CH
[71] PEKA-METALL AG, CH
[85] 2019-10-23
[86] 2018-05-15 (PCT/EP2018/062452)
[87] (WO2018/210789)
[30] EP (17171059.3) 2017-05-15

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST RSV INFECTION**
[54] **PROCEDES ET COMPOSITIONS POUR INDUIRE UNE IMMUNITE PROTECTRICE CONTRE L'INFECTION PAR LE VRS**
[72] GODEAUX, OLIVIER, NL
[72] SADOFF, JERALD C., NL
[72] DOUOGUIH, MACAYA JULIE, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2019-10-23
[86] 2018-05-15 (PCT/EP2018/062604)
[87] (WO2018/210871)
[30] US (62/507,298) 2017-05-17
[30] EP (17175629.9) 2017-06-13

[21] **3,061,279**
[13] A1
[51] **Int.Cl. A61K 38/57 (2006.01)**
[25] EN
[54] **C1-ESTERASE INHIBITOR PREPARATION**
[54] **PREPARATION D'INHIBITEUR DE C1-ESTERASE**
[72] LATTNER, GEORG, AT
[72] TSCHETSCHKOWITSCH, KLAUS, AT
[72] DUGIC, ALMIRA, AT
[71] OCTAPHARMA AG, CH
[85] 2019-10-23
[86] 2018-05-16 (PCT/EP2018/062766)
[87] (WO2018/210944)
[30] EP (17171352.2) 2017-05-16

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[13] A1
[51] **Int.Cl. B65D 5/32 (2006.01) B65D 5/54 (2006.01) B65D 85/60 (2006.01)**
[25] EN
[54] **PACKAGING**
[54] **EMBALLAGE**
[72] TOPFER, KEVIN, GB
[72] REANEY, DANIEL, US
[72] REED, DAVID, GB
[71] MARS, INCORPORATED, US
[85] 2019-10-23
[86] 2018-04-26 (PCT/GB2018/051107)
[87] (WO2018/197886)
[30] GB (1706850.3) 2017-04-28

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[13] A1
[51] **Int.Cl. G06F 11/22 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **VERIFYING SENSOR DATA USING EMBEDDINGS**
[54] **VERIFICATION DE DONNEES DE DETECTION AU MOYEN D'INCORPORATIONS**
[72] CIRIT, FAHRETTIN OLCAY, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-10-23
[86] 2018-03-08 (PCT/IB2018/051497)
[87] (WO2018/197962)
[30] US (15/495,686) 2017-04-24

[21] **3,061,282**
[13] A1
[51] **Int.Cl. H02P 6/00 (2016.01) G08C 19/00 (2006.01) H03K 17/689 (2006.01) H04L 25/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR TRANSMITTING SETPOINT SIGNALS FOR AN ELECTRONICALLY COMMUTATED MOTOR**
[54] **ENSEMBLE DE TRANSMISSION DE SIGNAUX DE VALEUR THEORIQUE POUR UN MOTEUR A COMMUTATION ELECTRONIQUE**
[72] SCHNEIDER, FABIAN, DE
[71] EBM-PAPST MULFINGEN GMBH & CO. KG, DE
[85] 2019-10-23
[86] 2018-08-02 (PCT/EP2018/071013)
[87] (WO2019/042701)
[30] DE (10 2017 119 947.0) 2017-08-30

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[13] A1
[51] **Int.Cl. F16L 9/14 (2006.01) B29D 23/00 (2006.01) B32B 1/08 (2006.01) B32B 7/04 (2019.01)**
[25] EN
[54] **FLEXIBLE TUBULAR STRUCTURE**
[54] **STRUCTURE TUBULAIRE SOUPLE**
[72] GRAHAM, ARTHUR DERRICK BRAY, AU
[72] GRAHAM, NEIL DERYCK BRAY, AU
[71] LONG PIPES LIMITED, AU
[85] 2019-10-23
[86] 2017-04-28 (PCT/AU2017/050394)
[87] (WO2017/185143)
[30] AU (2016901564) 2016-04-28

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[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/46 (2006.01)**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM CONTAINING SCOPOLAMINE AND SILICONE ACRYLIC HYBRID POLYMER**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONTENANT DE LA SCOPOLAMINE ET UN POLYMERE HYBRIDE ACRYLIQUE DE TYPE SILICONE**
[72] WIEDERSBERG, SANDRA, DE
[72] HOFFMANN, GERD, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2019-10-23
[86] 2018-06-25 (PCT/EP2018/066955)
[87] (WO2019/002208)
[30] EP (17177875.6) 2017-06-26

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[13] A1
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING IMPACT MEASUREMENT SCORES BASED UPON CONSUMER TRANSACTION DATA**
[54] **SYSTEME ET PROCEDE POUR DETERMINER DES NOTES DE MESURE D'IMPACT SUR LA BASE DE DONNEES DE TRANSACTION DE CONSOMMATEUR**
[72] KAMAL, IRFAN, US
[72] BOWLES, LILY, US
[72] CHERNY, ANDREI, US
[72] HORIGAN, ALEXANDRA, US
[71] ASPIRATION PARTNERS, INC., US
[85] 2019-10-23
[86] 2018-04-17 (PCT/US2018/028016)
[87] (WO2018/200265)
[30] US (15/671,000) 2017-08-07

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **FLUIDIC PERISTALTIC LAYER PUMP**
[54] **POMPE A COUCHE PERISTALTIQUE FLUIDIQUE**
[72] HAUPT, REMUS BRIX ANDERS, US
[71] HAUPT, REMUS BRIX ANDERS, US
[85] 2019-10-23
[86] 2017-04-26 (PCT/US2017/029653)
[87] (WO2017/189735)
[30] US (62/327,560) 2016-04-26

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[13] A1
[51] **Int.Cl. B23C 5/00 (2006.01) B23C 5/10 (2006.01) B23C 5/20 (2006.01)**
[25] EN
[54] **ROTARY CUTTING TOOL HAVING AXIALLY SUPPORTED LEAD CUTTING INSERT AND A CONTINUOUS CUTTING EDGE**
[54] **OUTIL DE COUPE ROTATIF AYANT UNE PLAQUETTE DE COUPE A FIL SUPPORTEE AXIALEMENT ET UN BORD DE COUPE CONTINUE**
[72] NGUYEN, ERIC WILLIAM, US
[72] JOHNSON, WILLIAM B., US
[72] ROEPSCH, DENNIS ETIENNE, US
[71] INGERSOLL CUTTING TOOL COMPANY, US
[85] 2019-10-23
[86] 2018-04-23 (PCT/IB2018/052800)
[87] (WO2018/203177)
[30] US (15/586,647) 2017-05-04

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[13] A1
[51] **Int.Cl. B01D 17/04 (2006.01) B01D 46/00 (2006.01)**
[25] EN
[54] **DRAINAGE MEDIUM FOR COALESCENCE FILTER**
[54] **MILIEU DE DRAINAGE POUR FILTRE DE COALESCENCE**
[72] GORIS, KEN, BE
[72] WOUTERS, JO, BE
[72] BULTINCK, EVI MARCEL J., BE
[72] DE WOLF, ISABELLE DENISE M., BE
[71] ATLAS COPCO AIRPOWER N.V., BE
[85] 2019-10-23
[86] 2018-06-12 (PCT/IB2018/054230)
[87] (WO2018/229644)
[30] BE (BE 2017/5421) 2017-06-12

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[13] A1
[51] **Int.Cl. C12N 5/078 (2010.01)**
[25] EN
[54] **HEMATOPOIETIC PROGENITOR CELL MARKER**
[54] **MARQUEUR DE CELLULES PROGENITRICES HEMATOPOIETIQUES**
[72] KANEKO, SHIN, JP
[72] IRIGUCHI, SHOICHI, JP
[72] MISHIMA, YUTA, JP
[72] KASSAI, YOSHIAKI, JP
[72] HAYASHI, AKIRA, JP
[72] ARIMA, SUGURU, JP
[71] KYOTO UNIVERSITY, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2019-10-23
[86] 2018-04-25 (PCT/JP2018/016864)
[87] (WO2018/199186)
[30] JP (2017-087723) 2017-04-26

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **A BEVERAGE-DISPENSING MACHINE**
[54] **MACHINE DE DISTRIBUTION DE BOISSONS**
[72] SEIDL, FLORIAN, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2019-10-23
[86] 2018-06-12 (PCT/IB2018/054238)
[87] (WO2018/234927)
[30] IT (102017000068264) 2017-06-20

[21] **3,061,292**
[13] A1
[51] **Int.Cl. B23B 27/04 (2006.01)**
[25] EN
[54] **CUTTING INSERT HAVING A SPLIT CUTTING EDGE WITH LEADING AND TRAILING COMPONENT CUTTING EDGES**
[54] **PLAQUETTE DE COUPE AYANT UN BORD DE COUPE FENDU AVEC DES BORDS DE COUPE D'ELEMENT AVANT ET ARRIERE**
[72] ATHAD, SHIMON, IL
[71] ISCAR LTD., IL
[85] 2019-10-23
[86] 2018-04-25 (PCT/IL2018/050454)
[87] (WO2018/211491)
[30] US (62/506,081) 2017-05-15

[21] **3,061,293**
[13] A1
[51] **Int.Cl. B23C 5/22 (2006.01)**
[25] EN
[54] **CUTTING INSERT HAVING NON-IDENTICAL RECTANGULAR END SURFACES WITH RAISED AND LOWERED CORNER PORTIONS AND CUTTING TOOL**
[54] **PLAQUETTE DE COUPE AYANT DES SURFACES D'EXTREMITE RECTANGULAIRES NON IDENTIQUES AVEC DES PARTIES D'ANGLE SURELEVEES ET ABAISSEES ET OUTIL DE COUPE**
[72] NGUYEN, ERIC WILLIAM, US
[72] JOHNSON, WILLIAM B., US
[72] ROEPSCH, DENNIS ETIENNE, US
[71] INGERSOLL CUTTING TOOL COMPANY, US
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[54] **BRAKE SYSTEM, MINE VEHICLE AND METHOD OF RELEASING BRAKES**
[54] **SYSTEME DE FREINAGE, VEHICULE MINIER ET PROCEDE DE DEBLOCAGE DE FREINS**
[72] SUOMI, JUSSI, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
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[54] **METHOD FOR BINDING A BUNDLE OF LEAVES**
[54] **PROCEDE DE LIAGE D'UNE BOTTE DE FEUILLES**
[72] PELEMAN, GUIDO FRANS M., BE
[71] PELEMAN INDUSTRIES, NAAMLOZE VENNOOTSCHAP, BE
[85] 2019-10-23
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[25] EN
[54] **SMALL ORGANIC MOLECULES FOR USE IN THE TREATMENT OF NEUROINFLAMMATORY DISORDERS**
[54] **PETITES MOLECULES ORGANIQUES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE TROUBLES NEUROINFLAMMATOIRES**
[72] KARNI, ARNON, IL
[72] FAINBERG, KARIN BERNADET, IL
[71] THE MEDICAL RESEARCH, INFRASTRUCTURE AND HEALTH SERVICES FUND OF THE T AVIV MEDICAL CENTER, IL
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[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER MAGNETIQUE ORIENTEE ET SON PROCEDE DE FABRICATION**
[72] SUEHIRO, RYUICHI, JP
[72] WATANABE, MAKOTO, JP
[72] TAKAMIYA, TOSHITO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **COMMINUTING DEVICE**
[54] **DISPOSITIF DE BROYAGE**
[72] DOPPSTADT, FERDINAND, DE
[71] DOPPSTADT FAMILIENHOLDING GMBH, DE
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[54] **METHOD FOR REMOTELY REMOVING A LOAD FROM A LOAD FIXED BED VESSEL**
[54] **PROCEDE POUR RETIRER A DISTANCE UNE CHARGE D'UNE CUVE A LIT FIXE**
[72] BOYER, MICHEL, FR
[72] BERCY, JEAN, FR
[72] COLE, MATTHEW, US
[71] VEOLIA ENVIRONNEMENT-VE, FR
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[54] **EXHAUST GAS PURIFICATION CATALYST AND EXHAUST GAS PURIFICATION METHOD USING THE SAME**
[54] **CATALYSEUR DE PURIFICATION DE GAZ D'ECHAPPEMENT ET PROCEDE DE PURIFICATION DE GAZ D'ECHAPPEMENT L'UTILISANT**
[72] KUNO, HIROTAKA, JP
[72] NAKASHIMA, MASASHI, JP
[72] ASHIKARI, KENJI, JP
[72] OGINO, YUJI, JP
[72] KOMATA, KAZUYOSHI, JP
[72] MINAMI, SHIGEKAZU, JP
[71] UMICORE SHOKUBAI JAPAN CO., LTD., JP
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[54] **METHOD FOR PREPARING HETEROCYCLIC DERIVATIVE COMPOUND, COMPOSITION CONTAINING SAME COMPOUND, AND HYDRATE OF SAME COMPOUND**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE DERIVE HETEROCYCLIQUE, COMPOSITION LE CONTENANT, ET HYDRATE DUDIT COMPOSE**
[72] PYUN, DO KYU, KR
[72] OO, KYOUNG JIN, KR
[71] JW PHARMACEUTICAL CORPORATION, KR
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[54] **NOUVEAUX DERIVES DE TETRAHYDRONAPHTYLE UREE**
[72] SAITOH, FUMIHIKO, JP
[72] NAGASUE, HIROSHI, JP
[72] KAWADA, YUJI, JP
[72] SATOH, TSUTOMU, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
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[86] 2018-04-25 (PCT/JP2018/016806)
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[25] EN
[54] **METHOD FOR PREPARING ISOPOROUS HOLLOW FIBER COMPOSITE MEMBRANES**
[54] **PROCEDE DE PREPARATION DE MEMBRANES COMPOSITES A FIBRES CREUSES ISOPOREUSES**
[72] SANKHALA, KIRTI, DE
[72] ABETZ, VOLKER, DE
[72] KOLL, JOACHIM, DE
[71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL- UND KUSTENFORSCHUNGMBH, DE
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[71] SICPA HOLDING SA, CH
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[54] **CATALYSEUR DE PURIFICATION DE GAZ D'ECHAPPEMENT ET PROCEDE DE PURIFICATION DE GAZ D'ECHAPPEMENT L'UTILISANT**
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[72] NAKASHIMA, MASASHI, JP
[72] IKEGAMI, TAKAHIRO, JP
[72] MIKITA, KOSUKE, JP
[72] IKEDA, MASANORI, JP
[72] MINAMI, SHIGEKAZU, JP
[71] UMICORE SHOKUBAI JAPAN CO., LTD., JP
[85] 2019-10-23
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[25] EN
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[54] **ELEMENT DE PAROI POUR UNE PAROI DE SEPARATION ET PAROI DE SEPARATION**
[72] MENZO, WILLEM ANNE THEODOOR, NL
[71] MAARS HOLDING B.V., NL
[85] 2019-10-23
[86] 2018-04-19 (PCT/NL2018/050247)
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[54] **RETROECLAIRAGE A ELEMENT A FAISCEAUX MULTIPLES MICROSTRUCTURE**
[72] FATTAL, DAVID A., US
[72] MA, MING, US
[72] LI, XUEJIAN, US
[71] LEIA INC., US
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[51] **Int.Cl. E06B 7/18 (2006.01) E04B 2/74 (2006.01) E06B 3/48 (2006.01)**
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[54] **PORTE POUR UNE CLOISON, ET CLOISON**
[72] MENZO, WILLEM ANNE THEODOOR, NL
[72] DE GRAAF, PIETER MARCEL, NL
[71] MAARS HOLDING B.V., NL
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[86] 2018-04-19 (PCT/NL2018/050248)
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[54] **EXHAUST GAS PURIFICATION CATALYST AND EXHAUST GAS PURIFICATION METHOD USING THE SAME**
[54] **CATALYSEUR DE PURIFICATION DE GAZ D'ECHAPPEMENT ET PROCEDE DE PURIFICATION DE GAZ D'ECHAPPEMENT L'UTILISANT**
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[72] IKEGAMI, TAKAHIRO, JP
[72] MIKITA, KOSUKE, JP
[72] NAKASHIMA, MASASHI, JP
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[71] UMICORE SHOKUBAI JAPAN CO., LTD., JP
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[54] **THIXOTROPIC BINGHAM PLASTIC FLUID CONTRACEPTIVE METHOD**
[54] **PROCEDE DE CONTRACEPTION AU MOYEN D'UN FLUIDE PLASTIQUE DE BINGHAM THIXOTROPIQUE**
[72] LEVINE, JOSHUA D., US
[72] LEVINE, ROBERT A., US
[71] LEVINE, JOSHUA D., US
[71] LEVINE, ROBERT A., US
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[54] **METHOD FOR CULTIVATING SOWN CROPS AND APPARATUS FOR CARRYING OUT SAID METHOD (VARIANTS)**
[54] **PROCEDE POUR CULTIVER DES CULTURES AGRICOLES A SEMIS ET DISPOSITIF DE SA MISE EN OEUVRE (VARIANTES)**
[72] BRINDYUK, SERGEI VLADIMIROVICH, RU
[71] BRINDYUK, SERGEI VLADIMIROVICH, RU
[85] 2019-10-23
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[54] **SEMICONDUCTOR WIRE BONDING MACHINE CLEANING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE NETTOYAGE DE MACHINE DE LIAISON DE FIL SEMI-CONDUCTEUR**
[72] HUMPHREY, ALAN E., US
[72] SMITH, WAYNE, C., US
[72] SHIVLAL, JANAKRAJ, US
[72] HUMPHREY, BRET, A., US
[71] INTERNATIONAL TEST SOLUTIONS, INC., US
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[72] ALLETTO, EUGENE, JR., US
[71] BEDGEAR, LLC, US
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[25] EN
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[54] **REVETEMENT THERMO-ISOLANT PRESENTANT UNE FAIBLE CONDUCTIVITE THERMIQUE**
[72] KIM, KYU-JUN, US
[72] ARENDT, JEFFREY P., US
[71] ARKEMA INC., US
[85] 2019-10-23
[86] 2018-04-24 (PCT/US2018/029097)
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[51] **Int.Cl. A47K 11/06 (2006.01)**
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[54] **TRAINING POTTY**
[54] **POT D'APPRENTISSAGE DE LA PROPRETE**
[72] THRAILKILL, PATRICK, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2019-10-23
[86] 2018-02-14 (PCT/US2018/018160)
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[30] US (62/459,090) 2017-02-15

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[51] **Int.Cl. A63G 31/16 (2006.01)**
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[54] **DOME THEATER RIDE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CIRCUIT DE MANEGE A DOME**
[72] FREEDMAN, DANIEL M., US
[72] WHITE, NATHANAEL G., US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-10-23
[86] 2018-04-25 (PCT/US2018/029468)
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[54] **METHOD OF TREATING PEDIATRIC DISORDERS**
[54] **METHODE DE TRAITEMENT DE TROUBLES PEDIATRIQUES**
[72] ROSARIO, MARIA, US
[72] SHETZLINE, MICHAEL A., US
[72] TREEM, WILLIAM R., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2019-10-23
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[54] **INKJET CARTRIDGE REFILLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REMPLISSAGE DE CARTOUCHE A JET D'ENCRE**
[72] WHITE, KRAIG DAVID, US
[72] STRATFORD, CHRIS ALAN, US
[72] JIMENEZ, JUAN MANUEL, US
[72] OWEN, WALLACE EARL, US
[71] RETAIL INKJET SOLUTIONS, INC., US
[85] 2019-10-23
[86] 2018-04-05 (PCT/US2018/026315)
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[30] US (62/491,138) 2017-04-27
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[54] **OLIGONUCLEOTIDE DERIVATIVE OR SALT THEREOF**
[54] **DERIVE D'OLIGONUCLEOTIDE OU SEL DE CELUI-CI**
[72] YAMAMOTO, JUNICHIRO, JP
[72] SHINOHARA, FUMIKAZU, JP
[72] HARUMOTO, TOSHIMASA, JP
[72] HOMMA, MASAKAZU, JP
[72] HAGIWARA, KENJI, JP
[71] KYOWA KIRIN CO., LTD., JP
[85] 2019-10-23
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[30] JP (2017-090613) 2017-04-28

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[51] **Int.Cl. A61K 31/496 (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **AN OPIOID FOR USE TO REDUCE AND/OR TREAT DRUG ADDICTION**
[54] **OPIOIDE DESTINE A ETRE UTILISE POUR REDUIRE ET/OU TRAITER LA PHARMACODEPENDANCE**
[72] VERSI, EBRAHIM, US
[71] VERSI GROUP, LLC, US
[85] 2019-10-23
[86] 2018-04-27 (PCT/US2018/029685)
[87] (WO2018/204163)
[30] US (62/492,232) 2017-04-30

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[51] **Int.Cl. H02J 3/38 (2006.01) H02J 9/00 (2006.01)**
[25] EN
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[54] **SYSTEME DE STOCKAGE D'ENERGIE POUR GENERATEUR D'INDUCTION A DOUBLE ALIMENTATION**
[72] DHARMADHIKARI, PARAG RAMESHCHANDRA, DE
[72] ROESNER, ROBERT, DE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-10-23
[86] 2018-04-24 (PCT/US2018/029124)
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[30] US (15/494,642) 2017-04-24

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **PEEL AND PLACE DRESSING FOR NEGATIVE-PRESSURE THERAPY**
[54] **PANSEMENT A DECOLLEMENT ET PLACEMENT POUR THERAPIE PAR PRESSION NEGATIVE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[71] KCI LICENSING, INC., US
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[30] US (62/516,550) 2017-06-07
[30] US (62/516,540) 2017-06-07
[30] US (62/565,754) 2017-09-29
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[72] RICHMOND, JILLIAN M., US
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[54] **CLAVIERS POUR SYSTEMES D'AFFICHAGE DE REALITE VIRTUELLE, AUGMENTEE ET MIXTE**
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[72] NILES, SAVANNAH, US
[72] AWAD, HANEY, US
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[72] CHOI, NARI, US
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[54] **APPRENTISSAGE, SIMULATION ET COLLABORATION EN REALITE VIRTUELLE DANS UN ROBOT CHIRURGICAL**
[72] GARCIA KILROY, PABLO EDUARDO, US
[72] JOHNSON, ERIC MARK, US
[72] SIU, BERNARD FAI KIN, US
[72] YU, HAORAN, US
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[54] **GESTION ET ENTRETIEN DYNAMIQUES DE VEHICULE AUTONOME**
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[54] **COMPOSITIONS DE CAOUTCHOUC DURCISSABLES CONTENANT DES CO-OLIGOMERES DE STYRENE/ALPHA-METHYLSTYRENE**
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[72] MONSALLIER, JEAN-MARC, FR
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU TRYPTOPHANE ET UN DERIVE DE PHYLLOKININE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DE TROUBLES PSYCHIATRIQUES ET PSYCHOLOGIQUES**
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[72] SALAH-UDDIN, HASIB, US
[71] TEMPLE OTORONGO LLC, US
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[54] **ENSEMBLE TYMPAN DE DRAINAGE D'EAU ET PANS DE VERRE A PANNEAUX ISOLES**
[72] MARGALIT, YONATAN Z., US
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[72] WHEELER, MICHAEL HARRISON, US
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[54] **METHODE DE TRAITEMENT DU TROUBLE DE STRESS POST-TRAUMATIQUE**
[72] GLOVER, HILLEL, US
[72] HAHN, ELLIOT, US
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[54] **KITS DE RESERVOIR D'ECHANTILLON ET DE REACTIF ET ENVELOPPES AVEC FONCTION ANTIVIDE**
[72] KELLY, TERRENCE, US
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[72] KALMAKIS, GEORGE, US
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[54] **ENSEMBLE PLAQUE DE FIXATION DE FRACTURE ARTICULEE ET PROCEDE D'UTILISATION**
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[72] GIL, ALEXANDER, US
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[54] **DERIVES D'ACIDE PROPIONIQUE ET LEURS PROCEDES D'UTILISATION**
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[72] BENISH, MICHELE A., US
[72] HARDY, LINDSAY BONNER, US
[72] BOYD, VINCENT A., US
[72] MARKET, ROBERT V., US
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[54] **DERIVES D'ACIDE PROPIONIQUE ET METHODES D'UTILISATION ASSOCIEES**
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[54] **MATERIAU BARRIERE**
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[54] **GRANULE DE BOUE MICROBIENNE SECHEE EN TANT QU'ADDITIF POUR LE TRAITEMENT DES EAUX USEES**
[72] NAIDER-FANFAN, PIERRE, CA
[71] PROBIOSPHERE INC., CA
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[72] MONTEMURRO, MICHAEL PETER, CA
[72] MCCANN, STEPHEN, CA
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Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

Index of Canadian Patents Issued

November 26, 2019

Index des brevets canadiens délivrés

26 novembre 2019

Index des brevets canadiens délivrés
26 novembre 2019

Index of Canadian Patents Issued
November 26, 2019

Index des brevets canadiens délivrés
26 novembre 2019

Index of Canadian Patents Issued
November 26, 2019

Index des brevets canadiens délivrés
26 novembre 2019

Index of Canadian Patents Issued
November 26, 2019

Index of Canadian Patents Issued
November 26, 2019

Index of Canadian Patents Issued
November 26, 2019

Index des brevets canadiens délivrés
26 novembre 2019

Index of Canadian Applications Open to Public Inspection

November 10, 2019 to November 16, 2019

Index des demandes canadiennes mises à la disponibilité du public

10 novembre 2019 au 16 novembre 2019

Index des demandes canadiennes mises à la disponibilité du public
10 novembre 2019 au 16 novembre 2019

Index of Canadian Applications Open to Public Inspection
November 10, 2019 to November 16, 2019

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index des demandes PCT entrant en phase nationale

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant