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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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

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

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 June 3, 2020

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1961***
For each additional sheet over 30	**$22**
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 3 juin 2020

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1961 $***
Pour chaque feuille au delà de 30	**22 $**
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*))	**$295**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$295** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$442** 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*))	**295 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **295 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **442 $** 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

Date de publication : 10 mai 2017
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.

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

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

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

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

2.3 Supports électroniques

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

Brevets

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

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

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

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

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

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

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

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of

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

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

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

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

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

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

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

the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

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

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

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

Electronic Media accepted by the Patent Office

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

Trademarks and Industrial Design

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

Supports électroniques acceptés par le Bureau des brevets

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

Marques de commerce et dessins industriels

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

3. Details Concerning the Electronic Formats Accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically site using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

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

When applicable, the Patent Office will accept files in the

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

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

TIFF Format:

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

PDF Format:

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

ASCII

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

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

Format TIFF

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

Format PDF

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

ASCII

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

Trademarks

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

Industrial Design

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

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

Marques de commerce

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

Dessins industriels

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

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

4. General Information

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

4. Renseignements généraux

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

5. Time Period Extensions

- Time period extensions under the Patent, Trademarks and Industrial Design Acts
- Time period extensions under the Copyright and Integrated Circuit Topography Acts
- Time period extensions under the Patent Cooperation Treaty
- Time period extensions under the Madrid Protocol and the Hague Agreement

5. Prorogation des délais

- Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels
- Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés
- Prorogation des délais en vertu du le Traité de coopération en matière de brevets
- Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

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

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

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

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

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

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

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

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

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

- Tous les samedis et dimanches;
- Nouvel An (1er janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

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

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

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

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

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

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

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

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

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

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

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

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

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

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé^MC^, ou par Xpresspost^MC^ de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

Prolongations de délais prévus au Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

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

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

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

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

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

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

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

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

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to service interruptions on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre page d'interruptions des services, lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance. Il est toujours

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

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

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA[MC], Mastercard[MC] ou American Express[MC] ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets

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

- Règlement d'exécution du PCT
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 13, 2021 contains applications open to public inspection from March 28, 2021 to April 3, 2021.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 13 avril 2021 contient les demandes disponibles au public pour consultation pour la période du 28 mars 2021 au 3 avril 2021.

16. Erratum

All information respecting patent application number 3, 089, 409 referred to under the section *Canadian Applications Open to Public Inspection* contained in the September 1, 2020, issue of the *Canadian Patent Office Record* was erroneously published, and should be disregarded.

16. Erratum

Toutes les informations relatives à la demande de brevet 3, 089, 409 sous la rubrique *Demandes canadiennes mises a la disponibilité* du publique dans le numéro 1 septembre 2020 de la *Gazette du Bureau des brevets* ont été publiées par erreur et doivent être ignorées.

Canadian Patents Issued

April 13, 2021

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[25] EN
[54] **ESTER PRO-DRUGS OF [3-(1-(1H-IMIDAZOL-4-YL)ETHYL)-2-METHYLPHENYL] METHANOL FOR TREATING RETINAL DISEASES**
[54] **PROMEDICAMENTS DE TYPE ESTER DE [3-(1-(1H-IMIDAZOL-4-YL)ETHYL)-2-METHYLPHENYL] METHANOL POUR LE TRAITEMENT DE MALADIES RETINIENNES**
[72] DIBAS, MOHAMMED I., US
[72] GIL, DANIEL W., US
[72] CHOW, KEN, US
[72] WANG, LIMING, US
[72] GARST, MICHAEL E., US
[72] DONELLO, JOHN E., US
[73] ALLERGAN, INC., US
[85] 2013-03-15
[86] 2011-09-16 (PCT/US2011/051926)
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[25] EN
[54] **CONTOUR CAUL WITH EXPANSION REGION**
[54] **PLAQUE PROFILEE AVEC REGION D'EXPANSION**
[72] PIEDMONT, GREGORY, US
[73] LOCKHEED MARTIN CORPORATION, US
[86] (2813893)
[87] (2813893)
[22] 2013-04-23
[30] US (13/466,948) 2012-05-08

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[25] EN
[54] **POLYVALENT CHIMERIC OSPC VACCINOGEN AND DIAGNOSTIC ANTIGEN**
[54] **ANTIGENE OSPC CHIMERE POLYVALENT VACCINOGENE ET DIAGNOSTIQUE**
[72] MARCONI, RICHARD T., US
[72] EARNHART, CHRISTOPHER, US
[73] VIRGINIA COMMONWEALTH UNIVERSITY, US
[85] 2013-04-19
[86] 2011-10-19 (PCT/US2011/056854)
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[30] US (61/394,877) 2010-10-20

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[25] EN
[54] **RAPID SALMONELLA SEROTYPING ASSAY**
[54] **DOSAGE DE SEROTYPAGE RAPIDE DE SALMONELLA**
[72] FIELDS, PATRICIA, US
[72] MCQUISTON, JOHN R., US
[72] FITZGERALD LEAUMONT, COLLETTE, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, US
[85] 2013-04-25
[86] 2011-10-26 (PCT/US2011/057875)
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[51] **Int.Cl. B29C 49/42 (2006.01) B29C 31/08 (2006.01) B65G 47/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR SPACING AND TRANSFERRING OBJECTS BETWEEN OPERATIVE STATIONS**
[54] **SYSTEME POUR ESPACER ET TRANSFERER DES OBJETS ENTRE DES POSTES OPERATEURS**
[72] ZACCHE', VANNI, IT
[72] SALVI, GIORGIO, IT
[72] GRAZIOLI, MARCO, IT
[73] SMI S.P.A., IT
[86] (2818054)
[87] (2818054)
[22] 2013-06-05
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[25] EN
[54] **POWER CONVERTER AND METHOD OF ASSEMBLING THE SAME**
[54] **CONVERTISSEUR DE PUISSANCE ET SON PROCEDE D'ASSEMBLAGE**
[72] WAGONER, ROBERT GREGORY, US
[72] RITTER, ALLEN MICHAEL, US
[72] SHEPARD, MARK EUGENE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2818149)
[87] (2818149)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING RADEZOLID, HYDROXYPROPYLMETHYL CELLULOSE POLYMER, AND A PHYSICAL MIXTURE**
[54] **COMPOSITIONS PHARMACEUTIQUES DE RADEZOLIDE, POLYMERE DE CELLULOSE D'HYDROXYPROPYLMETHYLE ET MELANGE PHYSIQUE**
[72] LI, DANPING, US
[73] MELINTA SUBSIDIARY CORP., US
[85] 2013-05-15
[86] 2011-11-21 (PCT/US2011/061643)
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[25] EN
[54] **FIBER MAT FOR BATTERY PLATE REINFORCEMENT**
[54] **MAT DE FIBRES POUR RENFORCEMENT DE PLAQUE DE BATTERIE**
[72] GUO, ZHIHUA, US
[72] NANDI, SOUVIK, US
[72] ASRAR, JAWED, US
[72] DIETZ, ALBERT G., III, US
[73] JOHNS MANVILLE, US
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[87] (2820086)
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[51] **Int.Cl. A61B 5/145 (2006.01) G01N 9/00 (2006.01)**
[25] EN
[54] **SENSOR DEVICE FOR SENSING BODY FLUID DENSITY AND/OR MEMBRANE RESISTANCE**
[54] **DISPOSITIF DE CAPTEUR POUR DETECTER UNE DENSITE DE LIQUIDE ORGANIQUE ET/OU UNE RESISTANCE DE MEMBRANE**
[72] ELLINGSEN, OLAV, NO
[72] ELLINGSEN, BJARTE SOREBO, NO
[73] MECSENSE AS, NO
[85] 2013-06-25
[86] 2012-01-12 (PCT/NO2012/000003)
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[54] **DISPENSER WITH FITMENT**
[54] **DISTRIBUTEUR AVEC CLOISON**
[72] BRANYON, JACOB D. P., US
[72] HUFFER, SCOTT WILLIAM, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2823898)
[87] (2823898)
[22] 2013-08-19
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[25] EN
[54] **LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] OGDEN, DAVID, GB
[72] POWELL, SIMON, GB
[73] MOOSE JUNCTION LIMITED, GB
[86] (2826841)
[87] (2826841)
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[51] **Int.Cl. G06F 11/14 (2006.01) G06F 9/48 (2006.01) G06F 9/54 (2006.01)**
[25] EN
[54] **RESTARTING DATA PROCESSING SYSTEMS**
[54] **REDEMARRAGE DE SYSTEMES DE TRAITEMENT DE DONNEES**
[72] DOUROS, BRYAN PHIL, US
[72] WHOLEY, JOSEPH SKEFFINGTON, III, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2013-08-13
[86] 2012-02-16 (PCT/US2012/025424)
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[25] EN
[54] **BICYCLIC HETEROCYCLE COMPOUNDS AND THEIR USES IN THERAPY**
[54] **COMPOSES HETEROCYCLIQUES BICYCLIQUES ET LEURS UTILISATIONS EN THERAPIE**
[72] WOOLFORD, ALISON JO-ANNE, GB
[72] HOWARD, STEVEN, GB
[72] BUCK, ILDIKO MARIA, GB
[72] CHESSARI, GIANNI, GB
[72] JOHNSON, CHRISTOPHER NORBERT, GB
[72] TAMANINI, EMILIANO, GB
[72] DAY, JAMES EDWARD HARVEY, GB
[72] CHIARPARIN, ELISABETTA, GB
[72] HEIGHTMAN, THOMAS DANIEL, GB
[72] FREDERICKSON, MARTYN, GB
[72] GRIFFITHS-JONES, CHARLOTTE MARY, GB
[73] ASTEX THERAPEUTICS LIMITED, GB
[85] 2013-09-25
[86] 2012-04-20 (PCT/GB2012/050867)
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[30] GB (1106817.8) 2011-04-21
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[25] EN
[54] **MECHANICAL FLEXIBLE THERMAL TRIP UNIT FOR MINIATURE CIRCUIT BREAKERS**
[54] **UNITE DE DECLENCHEMENT THERMIQUE FLEXIBLE MECANIQUE POUR DISJONCTEURS MINIATURES**
[72] MELECIO, JUAN IGNACIO, MX
[72] DIAZ, MAURICIO, MX
[72] ISLAS, LUIS, MX
[72] AHUETT-GARZA, HORACIO, MX
[73] SCHNEIDER ELECTRIC USA, INC., US
[86] (2835632)
[87] (2835632)
[22] 2013-12-03
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[51] **Int.Cl. G01J 3/12 (2006.01) G01J 3/443 (2006.01)**
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[54] **SPECTROSCOPIC ASSEMBLY AND METHOD**
[54] **ENSEMBLE SPECTROSCOPIQUE ET METHODE**
[72] OCKENFUSS, GEORG J., US
[73] VIAVI SOLUTIONS INC., US
[86] (2835709)
[87] (2835709)
[22] 2013-12-04
[30] US (13/720,728) 2012-12-19
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[25] EN
[54] **ALTERNATIVE BILLING MODES FOR SECURITY AND AUTOMATION APPLICATIONS**
[54] **MODES DE FACTURATION DE RECHANGE POUR APPLICATIONS DE SECURITE ET D'AUTOMATISATION**
[72] REESER, ANDREW, US
[72] CALL, SHAWN M., US
[72] KENNEDY, STACY L., US
[72] DRINAN, LEE C., US
[72] FREY, LISA ANN, US
[72] PAYNE, KEVIN, US
[72] JACOB, MICHAEL, US
[73] STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, US
[86] (2835774)
[87] (2835774)
[22] 2013-12-04
[30] US (13/739,470) 2013-01-11

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[51] **Int.Cl. A61L 27/44 (2006.01) A61L 27/46 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **COMPOSITES FOR OSTEOSYNTHESIS**
[54] **COMPOSITES POUR OSTEOSYNTHESE**
[72] BECK, STEFAN, CH
[72] NIEDERBERGER, LORENZ, CH
[72] STOHLER, NICO, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2838218)
[87] (2838218)
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[13] C
[51] **Int.Cl. G08G 1/0967 (2006.01) H04W 4/21 (2018.01) H04W 4/44 (2018.01)**
[25] EN
[54] **SYSTEM FOR PROVIDING TRAFFIC DATA AND DRIVING EFFICIENCY DATA**
[54] **SYSTEME PERMETTANT D'UTILISER DES DONNEES DE TRAFIC ET DES DONNEES D'EFFICACITE DE CONDUITE**
[72] GUEZIEC, ANDRE, US
[72] FAURE, ROMAIN, US
[72] POULAIN, DAMIEN, US
[73] MUDDY RIVER, SERIES 97 OF ALLIED SECURITY TRUST I, US
[85] 2014-01-15
[86] 2012-05-18 (PCT/US2012/038702)
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[30] US (61/487,425) 2011-05-18
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTING GASTROINTESTINAL AND OTHER CANCERS**
[54] **PROCEDES ET COMPOSITIONS DE DETECTION DU CANCER GASTROINTESTINAL ET D'AUTRES CANCERS**
[72] MARKOWITZ, SANFORD D., US
[72] WILLIS, JOSEPH, US
[72] CHAK, AMITABH, US
[72] LEIDNER, ROM, US
[73] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2013-12-20
[86] 2012-06-22 (PCT/US2012/043834)
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[51] **Int.Cl. C12N 15/56 (2006.01) C12N 9/24 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **ALPHA AMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS D'ALPHA-AMYLASE ET POLYNUCLEOTIDES CODANT CES VARIANTS**
[72] MATSUI, TOMOKO, JP
[72] TOMIKI, AKI, JP
[72] COWARD-KELLY, GUILLERMO, US
[73] NOVOZYMES A/S, DK
[73] NOVOZYMES NORTH AMERICA, INC., US
[85] 2014-01-03
[86] 2012-07-06 (PCT/US2012/045670)
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[30] US (61/504,771) 2011-07-06
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[25] EN
[54] **NOVEL BISAMINOQUINOLINE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS PREPARED THEREFROM AND THEIR USE**
[54] **NOUVEAUX COMPOSES BISAMINOQUINOLEINES, COMPOSITIONS PHARMACEUTIQUES PREPAREES A PARTIR DE CEUX-CI ET LEUR UTILISATION**
[72] AMARAVADI, RAVI K., US
[72] WINKLER, JEFFREY, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2014-01-09
[86] 2012-04-26 (PCT/US2012/035251)
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[25] EN
[54] **ELECTRODES, ELECTRODE SYSTEMS, AND METHODS OF MANUFACTURE**
[54] **ELECTRODES, SYSTEMES D'ELECTRODE ET PROCEDES DE FABRICATION ASSOCIES**
[72] BACHINSKI, THOMAS JEROME, US
[72] MOORE, MICHAEL, US
[72] WINN, JOSEPH, US
[72] DAVE, JAY, US
[73] EMPI, INC., US
[85] 2014-01-14
[86] 2012-04-13 (PCT/US2012/033575)
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[30] US (61/508,874) 2011-07-18

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[51] **Int.Cl. H02J 13/00 (2006.01) H04W 48/08 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEMS AND METHODS FOR INTELLIGENT ELECTRONIC DEVICES**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION SANS FIL POUR DISPOSITIFS ELECTRONIQUES INTELLIGENTS**
[72] CIORACA, ANCA LUCIA, CA
[72] THANOS, DANIEL, CA
[72] PRONIN, EVGENY, CA
[72] PILON, MICHAEL SHANE, CA
[73] GENERAL ELECTRIC COMPANY, US
[86] (2844221)
[87] (2844221)
[22] 2014-02-27
[30] US (13/836,962) 2013-03-15

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[13] C
[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/04 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS**
[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE PLANCHER**
[72] PERVAN, DARKO, SE
[73] CERALOC INNOVATION AB, SE
[85] 2014-02-10
[86] 2012-08-28 (PCT/SE2012/050911)
[87] (WO2013/032391)
[30] SE (1150778-7) 2011-08-29
[30] SE (1150803-3) 2011-09-06

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[13] C
[51] **Int.Cl. C11C 3/10 (2006.01) C10L 1/02 (2006.01) C11C 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR CONVERTING BIO-OIL**
[54] **PROCEDE DE CONVERSION DE BIO-HUILE**
[72] ASIKKALA, JANNE, FI
[72] GUTIERREZ, ANDREA, FI
[73] UPM-KYMMENE CORPORATION, FI
[86] (2845070)
[87] (2845070)
[22] 2014-03-07
[30] FI (20135223) 2013-03-08

[11] **2,845,171**
[13] C
[51] **Int.Cl. B66B 11/02 (2006.01) A47H 1/00 (2006.01) A47H 13/04 (2006.01) F16B 5/00 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **ELEVATOR COVER ASSEMBLY**
[54] **ENSEMBLE COUVERCLE D'ASCENSEUR**
[72] MILLER, HARRY, US
[72] FRISCH, MICHAEL, US
[72] METCALFE, RAY, US
[73] HARRY MILLER CO., INC., US
[86] (2845171)
[87] (2845171)
[22] 2014-03-06
[30] US (13/790,959) 2013-03-08

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[13] C
[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **RING ELECTRODE DEVICE AND METHOD FOR GENERATING HIGH-PRESSURE PULSES**
[54] **DISPOSITIF A ELECTRODE ANNULAIRE ET PROCEDE POUR GENERER DES IMPULSIONS HAUTE PRESSION**
[72] STORSLETT, STEIN J., US
[72] SPIELMAN, RICK B., US
[73] CHEVRON U.S.A. INC., US
[86] (2846201)
[87] (2846201)
[22] 2014-03-13
[30] US (61/801,304) 2013-03-15
[30] US (61/868,391) 2013-08-21

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[25] EN
[54] **REDUCED SALT PRECIPITATION IN CARBOHYDRATE CONTAINING BINDER COMPOSITIONS**
[54] **PRECIPITATION DE SEL REDUITE DANS DES COMPOSITIONS DE LIANT CONTENANT DES HYDRATES DE CARBONE**
[72] SHOOSHTARI, KIARASH ALAVI, US
[72] MIELE, PHILIP FRANCIS, US
[72] LESTER, URANCHIMEG, US
[72] ASRAR, JAWED, US
[73] JOHNS MANVILLE, US
[86] (2846918)
[87] (2846918)
[22] 2014-03-20
[30] US (13/864,050) 2013-04-16

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[13] C
[51] **Int.Cl. B60B 27/00 (2006.01)**
[25] EN
[54] **AXLE HUB ASSEMBLY**
[54] **ENSEMBLE DE MOYEU D'ESSIEU**
[72] BOWYER, JOHN, US
[72] HAMMER, EDWARD, US
[73] SAF-HOLLAND, INC., US
[86] (2847950)
[87] (2847950)
[22] 2014-03-31
[30] US (61/815,494) 2013-04-24
[30] US (14/195,012) 2014-03-03

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[13] C
[51] **Int.Cl. H04B 7/24 (2006.01)**
[25] EN
[54] **WIRELESS POWER RECEIVER AND CONTROL METHOD THEREOF**
[54] **RECEPTEUR D'ENERGIE SANS FIL ET PROCEDE CORRESPONDANT POUR SON CONTROLE**
[72] LEE, KYUNG-WOO, KR
[72] WON, EUN-TAE, KR
[72] LEE, YOUNG-MIN, KR
[72] PARK, SE-HO, KR
[72] KANG, NOH-GYOUNG, KR
[72] BYUN, KANG-HO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[30] US (61/532,350) 2011-09-08

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 8/891 (2006.01) A61K 47/24 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CONDITIONS OF COMPROMISED SKIN BARRIER FUNCTION**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES AFFECTIONS DE FONCTION DE BARRIERE CUTANEE COMPROMISE**
[72] YU, BETTY, US
[72] LOMAKIN, JOSEPH, US
[72] KANG, SOO-YOUNG, US
[72] ADAMS, BENJAMIN W., US
[73] SHISEIDO AMERICAS CORPORATION, US
[85] 2014-03-14
[86] 2012-09-21 (PCT/US2012/056667)
[87] (WO2013/044098)
[30] US (61/537,307) 2011-09-21
[30] US (61/607,905) 2012-03-07
[30] US (61/607,908) 2012-03-07

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[13] C
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[25] EN
[54] **INTERNAL AIRFOIL COMPONENT ELECTROPLATING**
[54] **ELECTROPLACAGE DE COMPOSANT DE SURFACE AERODYNAMIQUE INTERNE**
[72] KIRKENDALL, WILLARD N., US
[72] MEADE, SCOTT A., US
[72] CLEMENS, DONALD R., US
[73] HOWMET CORPORATION, US
[86] (2849143)
[87] (2849143)
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[51] **Int.Cl. H04L 12/951 (2013.01) G10L 19/04 (2013.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INCREASING TRANSMISSION BANDWIDTH EFFICIENCY ("EBT2")**
[54] **SYSTEMES ET PROCEDES POUR RENFORCER L'EFFICACITE D'UNE BANDE PASSANTE DE TRANSMISSION (« CODEC EBT2 »)**
[72] MARKO, PAUL, US
[72] SINHA, DEEPEN, US
[72] AGGRAWAL, HARIOM, IN
[73] SIRIUS XM RADIO INC., US
[85] 2014-03-25
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[87] (WO2013/049256)
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[25] EN
[54] **BIOMARKERS FOR PREDICTING SENSITIVITY TO CANCER TREATMENTS**
[54] **MARQUEURS BIOLOGIQUES POUR PREVOIR LA SENSIBILITE A DES TRAITEMENTS DU CANCER**
[72] LIN, KUI, US
[72] PUNNOOSE, ELIZABETH, US
[72] SESHAGIRI, SOMASEKAR, US
[73] GENENTECH, INC., US
[85] 2013-09-30
[86] 2012-03-30 (PCT/US2012/031662)
[87] (WO2012/135749)
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[51] **Int.Cl. E21B 19/06 (2006.01)**
[25] EN
[54] **SELF-ALIGNING PIPE GRIPPING ASSEMBLY AND METHOD OF MAKING AND USING THE SAME**
[54] **ENSEMBLE DE PREHENSION POUR TUYAU A ALIGNEMENT AUTOMATIQUE ET PROCEDE DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] FOX, PRESTON R., US
[72] WEST, NEIL E., US
[72] WELLS, LAWRENCE E., US
[73] NATIONAL OILWELL VARCO, L.P., US
[86] (2851008)
[87] (2851008)
[22] 2014-05-05
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[25] EN
[54] **FLUID CONTROL ASSEMBLIES AND FLOW PATH INSERTS**
[54] **DISPOSITIFS DE CONTROLE DE FLUIDE ET INSERTIONS DE PARCOURS D'ECOULEMENT**
[72] EYRING, BRYAN D., US
[72] EYTCHISON, GREGORY B., US
[72] PEREIRA, RYAN M., US
[72] WIDO, WILLIAM C., US
[73] WESTERN ENTERPRISES / SCOTT FETZER COMPANY, US
[86] (2851106)
[87] (2851106)
[22] 2014-05-08
[30] US (13/946,561) 2013-07-19

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **EPIGENETIC MARKER FOR THE IDENTIFICATION OF IL17 POSITIVE T CELLS IN COMPLEX SAMPLES**
[54] **MARQUEUR EPIGENETIQUE POUR L'IDENTIFICATION DE CELLULES T POSITIVES A L'IL-17 DANS DES ECHANTILLONS COMPLEXES**
[72] OLEK, SVEN, DE
[72] BARON, UDO, DE
[73] EPIONTIS GMBH, DE
[85] 2014-04-07
[86] 2012-10-18 (PCT/EP2012/070676)
[87] (WO2013/057202)
[30] GB (1117904.1) 2011-10-18

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[25] EN
[54] **USE OF INHIBITORS OF BRUTON'S TYROSINE KINASE (BTK)**
[54] **UTILISATION D'INHIBITEURS DE LA TYROSINE KINASE DE BRUTON (BTK)**
[72] BUGGY, JOSEPH J., US
[72] ELIAS, LAURENCE, US
[72] FYFE, GWEN, US
[72] HEDRICK, ERIC, US
[72] LOURY, DAVID J., US
[72] MODY, TARAK D., US
[73] PHARMACYCLICS LLC, US
[85] 2014-04-10
[86] 2012-10-19 (PCT/US2012/061208)
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[30] US (61/549,067) 2011-10-19

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[51] **Int.Cl. B23Q 5/22 (2006.01)**
[25] EN
[54] **FEED UNIT FOR AN AUTOMATIC SAW CUTTING MACHINE FOR CUTTING TUBES IN DOUBLE-TUBE CUTTING MODE**
[54] **UNITE D'ALIMENTATION POUR UNE MACHINE DE DECOUPE A SCIE CIRCULAIRE AUTOMATIQUE POUR COUPER DES TUBES EN MODE DE COUPE A DOUBLE TUBE**
[72] CASAGRANDA, MARCO, IT
[72] TRENTIN, EDOARDO, IT
[73] ADIGE S.P.A., IT
[86] (2852837)
[87] (2852837)
[22] 2014-05-30
[30] IT (TO2013A000468) 2013-06-06

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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/565 (2006.01) A61K 31/57 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **DERMAL DELIVERY COMPOSITIONS AND METHODS**
[54] **METHODES ET COMPOSITION D'ADMINISTRATION DERMIQUE**
[72] ARNOLD, CHARLES G., US
[72] KYDONIEUS, AGIS, US
[72] ROSSI, THOMAS M., US
[72] ALTOMARI, ALFRED F., US
[73] AGILE THERAPEUTICS, INC., US
[85] 2014-04-30
[86] 2012-11-02 (PCT/US2012/063314)
[87] (WO2013/067346)
[30] US (61/555,546) 2011-11-04
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[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **MULTI-ASSET PORTFOLIO SIMULATION (MAPS)**
[54] **SIMULATION DE PORTE-FEUILLE MULTI-ACTIFS**
[72] WEBER, MICHAEL G., GB
[72] IVANOV, STANISLAV I., US
[72] VICE, CHARLES A., US
[72] GIBSON, MICHAEL, US
[72] YANG, YUNKE, US
[72] ATRE, VIKRAM, US
[72] SHAPIRO, JOSHUA I., US
[72] MORRISON, JUDSON H., US
[72] SHIVELY, BRADLEY D., US
[72] ROUTRAY, SIDHARTHA, US
[72] HOPPER, MICHAEL A., US
[72] JEFSON, THOMAS W., US
[72] CUMMINGS, RJ, US
[72] ENSIGN, JACOB S., US
[72] O'SHIELDS, JEREMY K., US
[72] POUNDS, STEPHEN R., US
[72] SHEPHERD, ERIC D. J., US
[72] IYIGUNLER, ISMAIL, US
[73] INTERCONTINENTAL EXCHANGE HOLDINGS, INC., US
[86] (2854564)
[87] (2854564)
[22] 2014-06-17
[30] US (14/303,941) 2014-06-13
[30] US (61/835,711) 2013-06-17

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[51] **Int.Cl. H01M 50/44 (2021.01) H01M 10/14 (2006.01)**
[25] EN
[54] **MAT MADE OF COMBINATION OF COARSE GLASS FIBERS AND MICRO GLASS FIBERS USED AS A SEPARATOR IN A LEAD-ACID BATTERY**
[54] **TAPIS FAIT D'UNE COMBINAISON DE FIBRES DE VERRE GROSSIERES ET DE FIBRES DE VERRE TRES FINES SERVANT DE SEPARATEUR DANS UNE BATTERIE D'ACCUMULATEURS AU PLOMB**
[72] NANDI, SOUVIK, US
[72] GUO, ZHIHUA, US
[72] ASRAR, JAWED, US
[72] DIETZ, ALBERT G., III, US
[73] JOHNS MANVILLE, US
[86] (2854807)
[87] (2854807)
[22] 2014-06-20
[30] US (13/925,195) 2013-06-24

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[51] **Int.Cl. A61B 10/02 (2006.01)**
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[54] **HANDHELD TISSUE SAMPLE EXTRACTION DEVICE**
[54] **DISPOSITIF D'EXTRACTION D'ECHANTILLONS DE TISSU PORTABLE**
[72] GUNDBERG, TOMAS, DK
[73] TEESUVAC APS, DK
[85] 2014-05-09
[86] 2012-11-09 (PCT/DK2012/050412)
[87] (WO2013/068017)
[30] DK (PA 2011 00876) 2011-11-09
[30] DK (PA 2012 00085) 2012-01-30

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[51] **Int.Cl. C08J 7/16 (2006.01) A61L 33/06 (2006.01)**
[25] EN
[54] **MODIFICATION OF BIOMEDICAL POLYMERS FOR PREVENTION OF FOULING AND CLOTTING**
[54] **MODIFICATION DE POLYMERES BIOMEDICAUX POUR LA PREVENTION DE LA SALISSURE ET DE LA COAGULATION**
[72] THOMPSON, MICHAEL, CA
[72] SHEIKH, SONIA, CA
[72] SHENG, JACK CHIH-CHIEH, CA
[72] BLASZYKOWSKI, CHRISTOPHE, CA
[72] FEDOROV, KIRIL, CA
[73] ECONOUS SYSTEMS INC., CA
[86] (2855203)
[87] (2855203)
[22] 2014-06-25
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[25] EN
[54] **TISSUE EXTRACTION DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES D'EXTRACTION TISSULAIRE**
[72] GERMAIN, AARON, US
[72] KLEIN, KYLE, US
[72] WALKER, MICHAEL D., US
[72] TRUCKAI, CSABA, US
[72] SHADDUCK, JOHN H., US
[73] MINERVA SURGICAL, INC., US
[85] 2014-05-26
[86] 2012-11-02 (PCT/US2012/063406)
[87] (WO2013/067417)
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[25] EN
[54] **ARTICULATING APPARATUS FOR ENDOSCOPIC PROCEDURES**
[54] **APPAREIL ARTICULE POUR PROCEDURES ENDOSCOPIQUES**
[72] SNIFFIN, KEVIN, US
[72] RUSSO, MARK, US
[72] FISCHVOGT, GREGORY, US
[72] BREINDEL, JAY, US
[73] COVIDIEN LP, US
[86] (2857855)
[87] (2857855)
[22] 2014-07-28
[30] US (13/974,338) 2013-08-23

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[51] **Int.Cl. G06K 9/18 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **TRADING INTERFACE RETRIEVED BASED UPON BARCODE DATA AND USER LOCATION**
[54] **INTERFACE D'ECHANGE EXTRAITE SUR LA BASE DE DONNEES DE CODE A BARRES ET EMPLACEMENT D'UTILISATEUR**
[72] HART, JOHN E., US
[72] SHEA, WILLIAM J., US
[73] TD AMERITRADE IP COMPANY, INC., US
[85] 2014-06-05
[86] 2012-12-06 (PCT/US2012/068258)
[87] (WO2013/090119)
[30] US (61/570,199) 2011-12-13

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[13] C
[51] **Int.Cl. A47L 9/19 (2006.01) A47L 7/04 (2006.01)**
[25] EN
[54] **AIRFLOW INDICATOR ASSEMBLY AND METHOD FOR VACUUM CLEANER**
[54] **DISPOSITIF INDICATEUR DE DEBIT D'AIR ET METHODE DESTINES A UN ASPIRATEUR**
[72] WESTBROOK, KURT, US
[72] BARTLEY, SETH A., US
[72] FRY, KEVIN D., US
[73] SHOP VAC CORPORATION, US
[86] (2859428)
[87] (2859428)
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[51] **Int.Cl. B29C 73/16 (2006.01) C09D 5/00 (2006.01) C09K 3/12 (2006.01)**
[25] EN
[54] **SELF HEALING COATING SYSTEM FOR USE WITH FUEL TANKS**
[54] **SYSTEME DE REVETEMENT AUTO-REPARATEUR DESTINE A ETRE UTILISE DANS DES RESERVOIRS DE CARBURANT**
[72] OZSAHIN, ALI, US
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2014-06-18
[86] 2012-12-12 (PCT/US2012/069050)
[87] (WO2013/133877)
[30] US (61/577,714) 2011-12-20
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[25] EN
[54] **SUBSTITUTED 1-ACYL-PIPERAZINE AND 1-ACYL-PERHYDRO-1,4-DIAZEPINE COMPOUNDS AND THEIR USE AS ANGIOTENSIN II TYPE 2 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE SUBSTITUTION D'ACIDE PIPERAZINE-1-ACETIQUE ET 1-ACYLPERHYDRO-1,4-DIAZEPINES ET LEUR UTILISATION COMME ANTAGONISTES DU RECEPTEUR DE TYPE 2 D'ANGIOTENSINE II**
[72] MCCARTHY, THOMAS DAVID, US
[72] NAYLOR, ALAN, GB
[73] NOVARTIS AG, CH
[85] 2014-07-15
[86] 2013-01-25 (PCT/AU2013/000061)
[87] (WO2013/110134)
[30] AU (2012900286) 2012-01-25

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[25] EN
[54] **PHENYL-SUBSTITUTED KETOENOLS FOR CONTROLLING FISH PARASITES**
[54] **CETOENOLS A SUBSTITUTION PHENYLIQUE DESTINES A LUTTER CONTRE DES PARASITES DE POISSON**
[72] KOESLING, JAN, TH
[72] FISCHER, REINER, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2014-07-23
[86] 2013-01-22 (PCT/EP2013/051148)
[87] (WO2013/110612)
[30] EP (12152614.9) 2012-01-26

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[51] **Int.Cl. F01D 25/24 (2006.01) F01D 25/28 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE INLET ASSEMBLY AND METHOD OF MAKING SAME**
[54] **ENSEMBLE D'ADMISSION DE TURBINE A GAZ ET SON PROCEDE DE FABRICATION**
[72] ELEFTHERIOU, ANDREAS, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2862397)
[87] (2862397)
[22] 2014-09-05
[30] US (14/036,994) 2013-09-25

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[51] **Int.Cl. E04B 1/76 (2006.01) E04B 1/94 (2006.01) E04F 13/00 (2006.01)**
[25] EN
[54] **BUILDING FACADE WITH LOCK ELEMENT AND LOCK ELEMENT**
[54] **FACADE DE BATIMENT EQUIPEE D'UN ELEMENT DE VERROUILLAGE ET ELEMENT DE VERROUILLAGE**
[72] KALLWEIT, GERHARD, DE
[72] SCHRODER, MARKUS, DE
[72] TIELEMANN, THOMAS, DE
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2014-07-28
[86] 2013-01-31 (PCT/EP2013/051866)
[87] (WO2013/117479)
[30] DE (20 2012 100 418.6) 2012-02-08
[30] EP (12163364.8) 2012-04-05

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[13] C
[51] **Int.Cl. G06F 8/33 (2018.01) G05B 23/02 (2006.01) G06F 11/36 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS IN AN AUTOMATION SYSTEM FOR VIEWING A CURRENT VALUE OF A POINT IDENTIFIED IN CODE OF A CORRESPONDING POINT CONTROL PROCESS**
[54] **PROCEDES ET SYSTEMES DANS UN SYSTEME D'AUTOMATISATION PERMETTANT DE VISUALISER LA VALEUR EN COURS D'UN POINT IDENTIFIE DANS UN CODE D'UN PROCESSUS DE COMMANDE DE POINTS CORRESPOND ANT**
[72] SPEARS, LONNIE DOUGLAS, US
[72] KOERNER, CHARLES JAMES, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2014-07-29
[86] 2013-01-30 (PCT/US2013/023769)
[87] (WO2013/116284)
[30] US (13/362,401) 2012-01-31

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[13] C
[51] **Int.Cl. C08L 61/24 (2006.01) C03C 25/34 (2006.01) C08J 3/20 (2006.01) C08J 5/04 (2006.01) C08L 33/02 (2006.01)**
[25] EN
[54] **METHACRYLIC ACID POLYMER EXTENDED UREA-FORMALDEHYDE RESIN COMPOSITIONS FOR MAKING FIBERGLASS PRODUCTS**
[54] **COMPOSITIONS DE RESINE D'UREE-FORMALDEHYDE ALLONGEE A BASE DE POLYMERES D'ACIDE METHACRYLIQUE POUR LA FABRICATION DE PRODUITS EN FIBRES DE VERRE**
[72] FINCH, WILLIAM C., US
[72] MULIK, SUDHIR, US
[72] KELLY, MICHAEL D., US
[72] RODOWSKI, C. DAMIEN, US
[73] ROHM AND HAAS COMPANY, US
[86] (2863990)
[87] (2863990)
[22] 2014-09-16
[30] US (61/884,550) 2013-09-30

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 17/56 (2006.01) G01B 5/008 (2006.01) A61G 13/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CREATING FRAME OF REFERENCE FOR CAS WITH INERTIAL SENSORS**
[54] **PROCEDE ET SYSTEME DE CREATION D'UN CADRE DE REFERENCE POUR CAO AVEC CAPTEURS INERTIELS**
[72] PARADIS, FRANCOIS, CA
[72] ZUHARS, JOEL, US
[72] DUVAL, KARINE, CA
[72] CHEVRIER, MATHIEU, CA
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] VALIN, MYRIAM, CA
[72] DYE, DON, US
[72] ROBITAILLE, ISABELLE, CA
[72] FERRON-FORGET, SIMON, CA
[72] BAUDOIN, FRANCOIS, CA
[72] JANSEN, HERBERT, CA
[73] ORTHOSOFT ULC, CA
[85] 2014-09-03
[86] 2013-07-30 (PCT/CA2013/050590)
[87] (WO2014/019087)
[30] US (61/677,106) 2012-07-30

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[13] C
[51] **Int.Cl. H02K 15/02 (2006.01) C08G 59/40 (2006.01) H01F 3/02 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LAMINATION STACKS**
[54] **METHODE DE FABRICATION D'EMPILEMENTS DE STRATIFIES**
[72] BLOCHER, DANIEL, DE
[72] BAUER, STEFFEN, DE
[72] BARDOS, ANDRAS, DE
[73] KIENLE + SPIESS GMBH, DE
[85] 2014-09-12
[86] 2013-03-13 (PCT/EP2013/000742)
[87] (WO2013/135378)
[30] DE (10 2012 005 795.4) 2012-03-14

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[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 3/10 (2006.01) A61P 19/02 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING SOLUBLE TOSO PROTEIN AND USES THEREOF**
[54] **PROCEDES ET COMPOSITIONS POUR MODULER L'ACTIVITE TOSO**
[72] TUSCHE, MICHAEL W., CA
[72] MAK, TAK W., CA
[72] OHASHI, PAMELA S., CA
[72] LANG, PHILIPP, DE
[72] LANG, KARL, DE
[72] BRENNER, DIRK, CA
[72] LIN, GLORIA, CA
[73] UNIVERSITY HEALTH NETWORK, CA
[85] 2014-09-15
[86] 2013-03-14 (PCT/IB2013/001179)
[87] (WO2013/136193)
[30] US (61/612,183) 2012-03-16
[30] US (61/646,143) 2012-05-11
[30] US (61/731,428) 2012-11-29

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[13] C
[51] **Int.Cl. G02B 21/26 (2006.01) G02B 21/34 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **SLIDE SCANNER WITH DYNAMIC FOCUS AND SPECIMEN TILT AND METHOD OF OPERATION**
[54] **SCANNEUR COULISSANT AVEC FOYER DYNAMIQUE ET BASCULEMENT D'ECHANTILLON, ET PROCEDE DE FONCTIONNEMENT**
[72] DIXON, ARTHUR EDWARD, CA
[72] DAMASKINOS, SAVVAS, CA
[73] HURON TECHNOLOGIES INTERNATIONAL INC., CA
[85] 2014-09-23
[86] 2013-03-21 (PCT/CA2013/000267)
[87] (WO2013/138911)
[30] US (61/614,977) 2012-03-23

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[13] C
[51] **Int.Cl. A61C 5/85 (2017.01) A61C 13/15 (2006.01)**
[25] EN
[54] **DENTAL MATRIX BAND**
[54] **BANDE DE MATRICE DENTAIRE**
[72] MCDONALD, SIMON P., NZ
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2014-10-01
[86] 2013-03-29 (PCT/US2013/034546)
[87] (WO2013/151880)
[30] NZ (599181) 2012-04-02
[30] NZ (599477) 2012-04-19
[30] NZ (603021) 2012-10-12
[30] NZ (604244) 2012-12-10

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[13] C
[51] **Int.Cl. G06T 15/08 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REAL-TIME CONVERSION OF VIDEO INTO THREE-DIMENSIONS**
[54] **SYSTEMES ET PROCEDES DE CONVERSION EN TEMPS REEL DE VIDEO EN TROIS DIMENSIONS**
[72] SASAKI, HIDESHI, US
[73] AFFIRMATION, LLC, US
[85] 2014-10-01
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[54] **BOTTE MOULEE POUR DISTRIBUTION DE GRAINS ET TRAITEMENT**
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[72] MASSIE, GARTH W., CA
[73] MORRIS INDUSTRIES LTD., CA
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[54] **INDICATEUR DE POSITION POUR VALVES**
[72] CLARK, KENNETH A., US
[72] BRANDT, JARED AARON, US
[72] VANDERBURG, RALPH WILLIAM, US
[73] MUELLER INTERNATIONAL, LLC, US
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[54] **RAIL BRAKING SYSTEM FOR A RAIL VEHICLE AND BRAKING METHOD FOR A RAIL VEHICLE INCLUDING SUCH A SYSTEM**
[54] **SYSTEME DE FREINAGE FERROVIAIRE POUR VEHICULE FERROVIAIRE ET PROCEDE DE FREINAGE D'UN VEHICULE FERROVIAIRE COMPORTANT UN TEL SYSTEME**
[72] BOISSEAU, GILLES, FR
[72] GONCALVES, CLAUDINO, FR
[73] FAIVELEY TRANSPORT AMIENS, FR
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[54] **AUTOMATED PRELOADED INTRAOCULAR LENS INJECTOR**
[54] **INJECTEUR DE LENTILLE INTRAOCULAIRE PRECHARGE AUTOMATISE**
[72] SAFABASH, JASON H., US
[73] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[54] **METHOD AND CONFIGURATION FOR AN AUXILIARY POWER ENGINE TO DELIVER PROPULSIVE AND/OR NON-PROPULSIVE ENERGY IN A HELICOPTER ARCHITECTURE**
[54] **PROCEDE ET CONFIGURATION D'APPORT D'ENERGIE PROPULSIVE ET/OU NON PROPULSIVE DANS UNE ARCHITECTURE D'HELICOPTERE PAR UN MOTEUR AUXILIAIRE DE PUISSANCE**
[72] BEDRINE, OLIVIER, FR
[72] SARRAT, CHRISTIAN, FR
[72] SILET, FABIEN, FR
[72] VIEILLARD, SEBASTIEN, FR
[73] TURBOMECA, FR
[73] MICROTURBO, FR
[73] LABINAL POWER SYSTEMS, FR
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[54] **A METHOD OF MANUFACTURING A COMPOSITE INSERT**
[54] **PROCEDE DE FABRICATION D'UN INSERT COMPOSITE**
[72] FLENER, MICHAEL, US
[72] HORNUNG, MARTIN, DE
[72] HUDINA, JOSEF, DE
[72] KRUEGER, GREGORY A., US
[73] HENKEL AG & CO KGAA, DE
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[54] **SYSTEME D'EMBALLAGE COMPORTANT UNE STRUCTURE DE BASE A ELEMENTS MULTIPLES**
[72] SPADAVECCIA, JOHN A., US
[72] FAVARON, JAMES, US
[72] KELLY, DANIEL, US
[73] KELLY, DANIEL, US
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[54] **A GROUND STABILISATION SYSTEM, A SUPPORT AND A METHOD OF STABILISING GROUND**
[54] **SYSTEME DE STABILISATION DE SOL, SUPPORT ET PROCEDE DE STABILISATION DE SOL**
[72] COLLIS, SIMON PAUL, GB
[73] GEOINNOVATIONS LIMITED, GB
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[54] **INTEGRATED IMPLEMENT DOWNFORCE CONTROL SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE COMMANDE DE DEPORTANCE D'ENGIN INTEGRE**
[72] STOLLER, JASON, US
[72] LEVY, KENT, US
[72] SWANSON, TODD, US
[73] PRECISION PLANTING LLC, US
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[54] **PROCESS FOR MANUFACTURING BENZOXAZINONES**
[54] **PROCEDE DE FABRICATION DE BENZOXAZINONES**
[72] DOCHNAHL, MAXIMILIAN, DE
[72] GOTZ, ROLAND, DE
[72] GEBHARDT, JOACHIM, DE
[72] VOGELBACHER, UWE JOSEF, DE
[72] FRASSETTO, TIMO, DE
[72] RACK, MICHAEL, DE
[72] MAYWALD, VOLKER, DE
[72] WOLF, BERND, DE
[73] BASF SE, DE
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[54] **REGULATION DE LA PRESSION DANS UN SYSTEME DE PHACOEMULSIFICATION**
[72] GORDON, RAPHAEL, US
[73] ALCON INC., US
[85] 2015-02-06
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[54] **GELLING FORMULATION CONTAINING KETAMINE**
[54] **FORMULATION GELIFIANTE A BASE DE KETAMINE**
[72] BOUDY, VINCENT, FR
[72] TIBI, ANNICK, FR
[72] D'HAYER, BENOIT, FR
[72] HUSSON, MARIE-CAROLINE, FR
[72] GRAFF DE FAGET, SANDRINE, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[54] **METHOD FOR SYNTHESISING CYCLOHEXENONES AND THE USE OF SAME IN THE PERFUME INDUSTRY**
[54] **PROCEDE DE SYNTHESE DE CYCLOHEXENONES AINSI QUE LEUR UTILISATION EN PARFUMERIE**
[72] CHANOT, JEAN-JACQUES, FR
[72] PLESSIS, CAROLINE, FR
[73] V. MANE FILS, FR
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[54] **N-ARYL SUBSTITUTED ISOXAZOLIDINE GLUCOCORTICOSTEROID DERIVATIVES**
[54] **DERIVES GLUCOCORTICOSTEROIDES D'ISOXAZOLIDINE N-ARYL SUBSTITUES**
[72] GHIDINI, ELEONORA, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
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[86] 2013-08-23 (PCT/EP2013/067509)
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[54] **DERIVES DE POLYAMINE CARBOXYLEE COMME REACTIFS DE TRANSFECTION**
[72] PANZNER, STEFFEN, DE
[72] REINSCH, CHRISTIAN, DE
[72] WENDISCH, VOLKMAR, DE
[72] DREHER, CHRISTINA, DE
[73] BIONTECH DELIVERY TECHNOLOGIES GMBH, DE
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[54] **SYSTEM FOR DETECTING A POSITION OF A FUME HOOD SASH**
[54] **SYSTEME POUR DETECTER UNE POSITION D'UNE FENETRE A GUILLOTINE DE HOTTE**
[72] CHARLES, DONALD E., US
[73] SIEMENS INDUSTRY, INC., US
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[54] **INHIBITEURS HETEROARYLE DE PDE4**
[72] GURNEY, MARK E., US
[72] HAGEN, TIMOTHY J., US
[72] MO, XUESHENG, US
[72] VELLEKOOP, A., US
[72] ROMERO, DONNA L., US
[72] CAMPBELL, ROBERT F., US
[72] WALKER, JOEL R., US
[72] ZHU, LEI, US
[73] TETRA DISCOVERY PARTNERS, LLC, US
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[72] WOODYER, RYAN DAVID, US
[72] ARMENTROUT, RICHARD W., US
[73] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[54] **APPARATUSES FOR TRANSMITTING HEAT BETWEEN A RAIL OF RACK MOUNTED EQUIPMENT AND A CHANNEL OF A COOLING RACK ENCLOSURE, AND RELATED COMPONENTS, SYSTEMS, AND METHODS**
[54] **APPAREILS DE TRANSMISSION DE CHALEUR ENTRE UN EQUIPEMENT MONTE SUR UN RAIL DE BATI ET UN CANAL D'UNE ENCEINTE DE BATI DE REFROIDISSEMENT, AINSI QUE COMPOSANTS, SYSTEMES ET PROCEDE S ASSOCIES**
[72] DAVIDSON, NIALL T., GB
[73] ADC TECHNOLOGIES INC., CA
[85] 2015-02-19
[86] 2013-08-19 (PCT/IB2013/001789)
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[25] EN
[54] **RADIO COMMUNICATION SYSTEM, RADIO STATION, RADIO TERMINAL, COMMUNICATION CONTROL METHOD, AND COMPUTER READABLE MEDIUM**
[54] **SYSTEME DE COMMUNICATION RADIO, STATION RADIO, TERMINAL RADIO, PROCEDE DE COMMANDE DE COMMUNICATION ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] FUTAKI, HISASHI, JP
[72] AMINAKA, HIROAKI, JP
[73] NEC CORPORATION, JP
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[54] **DISPENSING ASSEMBLIES AND RELATED METHODS**
[54] **ENSEMBLES DE DISTRIBUTION ET PROCEDES ASSOCIES**
[72] VOELKER, SCOTT C., US
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **DISTRIBUTING PETROFACIES USING ANALYTICAL MODELING**
[54] **REPARTITION DU PETROFACIES A L'AIDE DE MODELISATION ANALYTIQUE**
[72] YARUS, JEFFREY M., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-04-08
[86] 2013-10-22 (PCT/US2013/066058)
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[25] EN
[54] **PROCESS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL AND FERMENTATION OF SUGARS**
[54] **PROCEDE D'HYDROLYSE ENZYMATIQUE DE MATIERE LIGNOCELLULOSIQUE ET DE FERMENTATION DE SUCRES**
[72] BERKHOUT, MICHAEL PETRUS JOZEF, NL
[72] HISENI, AIDA, NL
[72] NOORDAM, BERTUS, NL
[73] DSM IP ASSETS B.V., NL
[85] 2015-04-13
[86] 2013-11-07 (PCT/EP2013/073253)
[87] (WO2014/072393)
[30] EP (12191957.5) 2012-11-09
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[54] **ACTUATEUR LINEAIRE DE VALVE**
[72] THIEBAUD, PIERRE, CH
[72] MAGNENAT, OLIVIER, CH
[72] CUENI, RETO, CH
[72] NEFTEL, FREDERIC, CH
[73] DEBIOTECH S.A., CH
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[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] GIRAUD, JEAN-PIERRE, US
[72] PICHOT, HERVE, FR
[73] CSP TECHNOLOGIES, INC., US
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[54] **ELIMINATION DE CONSTITUANTS INDESIRABLES A PARTIR DE COMPOSITIONS HUILEUSES**
[72] SONDBO, SVERRE, NO
[72] THORSTAD, OLAV, NO
[73] PRONOVA BIOPHARMA NORGE AS, NO
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[72] RAMSEY, PETER, GB
[73] THE RUHOF CORPORATION, US
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[54] **EXHAUSTEUR DE GOUT DE NOURRITURE POUR ANIMAL DOMESTIQUE AYANT DES CARACTERISTIQUES ANTIMICROBIENNES BASE SUR DES ACIDES ORGANIQUES**
[72] BURKE, MEREDITH, US
[72] NELLES, LYNN, US
[73] KEMIN INDUSTRIES, INC., US
[85] 2015-05-26
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[54] **SPAS ET SYSTEMES DE BAIN AYANT DES MODULES DE JET INTERCHANGEABLES AVANCES**
[72] EDDINGTON, RICHARD ALEX, US
[73] BULLFROG SPAS, US
[85] 2015-06-04
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[51] **Int.Cl. G02C 7/06 (2006.01)**
[25] EN
[54] **OPHTHALMIC OPTICAL LENS FOR VISION CORRECTION HAVING ONE OR MORE AREAS OF MORE POSITIVE POWER**
[54] **LENTILLE OPTIQUE OPHTALMIQUE POUR LA CORRECTION DE LA VUE, DOTEE D'UNE OU DE PLUSIEURS ZONES DE PUISSANCE POSITIVE SUPERIEURE**
[72] HOLDEN, BRIEN ANTHONY, AU
[72] SANKARIDURG, PADMAJA RAJAGOPAL, AU
[72] EHRMANN, KLAUS, AU
[72] CONRAD, FABIAN, AU
[72] HO, ARTHUR, AU
[73] BRIEN HOLDEN VISION INSTITUTE, AU
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[30] AU (2012905371) 2012-12-10
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[54] **SUPPORT A GOBELET POUR CHAISE**
[72] CHOI, KWAN JUN, CN
[73] CAMPVALLEY (XIAMEN) CO., LTD., CN
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[30] CN (201420308503.0) 2014-06-11

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[25] EN
[54] **SEPARATION SYSTEMS AND ELEMENTS UTILIZING LATERALLY OFFSET MEMBRANES**
[54] **SYSTEMES ET ELEMENTS DE SEPARATION UTILISANT DES MEMBRANES DECALEES LATERALEMENT**
[72] BENTON, CHARLES, US
[72] BAKAJIN, OLGICA, US
[73] PORIFERA, INC., US
[85] 2015-06-19
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[30] US (61/745,300) 2012-12-21

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[54] **ENSEMBLE ETANCHE ET ACOUSTIQUEMENT ABSORBANT POUR FAUSSE PAROI**
[72] SCHERRER, JEAN-MARC, FR
[73] SCHERRER, JEAN-MARC, FR
[85] 2015-06-29
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[25] EN
[54] **APPARATUS AND METHODS FOR HARNESSING OSMOTIC POTENTIAL AND METHODS OF MAKING AND USING SAME**
[54] **APPAREIL ET PROCEDE DE CAPTAGE DE POTENTIEL OSMOTIQUE, ET PROCEDES DE REALISATION ET D'UTILISATION CORRESPONDANTS**
[72] KELADA, MAHER, US
[73] KELADA, MAHER, US
[85] 2015-07-13
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[87] (WO2014/125405)
[30] US (13/768,228) 2013-02-15
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **PROSTHETIC VALVE FOR REPLACING MITRAL VALVE**
[54] **VALVULE PROTHETIQUE POUR REMPLACER UNE VALVULE MITRALE**
[72] GEIST, STEPHEN C., US
[72] TAFT, ROBERT C., US
[72] OBA, TRAVIS, US
[72] SOK, SAM, US
[72] PETERSON, MATTHEW A., US
[72] GOLEMO, KEVIN M., US
[72] CHAU, MARK, US
[72] YI, SEUNG-BEOM, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2015-07-15
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[30] US (61/760,577) 2013-02-04
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[54] **ENHANCED WEAR RESISTANT STEEL AND METHODS OF MAKING THE SAME**
[54] **ACIER RESISTANT A L'USURE PERFECTIONNE ET SES PROCEDES DE FABRICATION**
[72] AYER, RAGHAVAN, US
[72] CHOI, JONG-KYO, KR
[72] JIN, HYUNWOO, US
[72] LEE, HAK-CHEOL, KR
[72] MUELLER, RUSSELL ROBERT, US
[72] SUH, IN-SHIK, KR
[72] MA, NING, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[73] POSCO, KR
[85] 2015-07-23
[86] 2014-03-05 (PCT/US2014/020599)
[87] (WO2014/149732)
[30] US (61/790,274) 2013-03-15

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[25] EN
[54] **RELEASABLE VACUUM HOLDING DEVICE**
[54] **DISPOSITIF DE RETENUE A DEPRESSION AMOVIBLE**
[72] POTTERS, GERT (DECEASED), DE
[72] SCHMIDT, PATRICK, DE
[73] SCHMIDT, PATRICK, DE
[85] 2015-07-30
[86] 2014-02-04 (PCT/DE2014/000039)
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[13] C
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[25] EN
[54] **CABAZITAXEL COMPOSITION**
[54] **COMPOSITION DE CABAZITAXEL**
[72] ALAKHOV, VALERY, CA
[72] PIETRZYNSKI, GRZEGORZ, CA
[72] PATEL, KISHORE, CA
[73] SOFTKEMO PHARMA CORP., CA
[85] 2015-07-15
[86] 2013-12-23 (PCT/IB2013/003255)
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[25] FR
[54] **METHOD FOR THE PRODUCTION OF SHEET METAL HAVING A ZNMG OR ZNALMG COATING, COMPRISING THE APPLICATION OF A BASIC SOLUTION OF A MAGNESIUM ION COMPLEXING AGENT, AND RESULTING SHEET METAL**
[54] **PROCEDE DE PREPARATION D'UNE TOLE A REVETEMENT ZNMG OU ZNALMG COMPRENANT L'APPLICATION D'UNE SOLUTION BASIQUE D'UN AGENT COMPLEXANT LES IONS MAGNESIUM ET TOLE OBTENUE.**
[72] ALLELY, CHRISTIAN, FR
[72] MACHADO AMORIM, TIAGO, FR
[72] COFFIGNY, ASTRID, FR
[73] ARCELORMITTAL, LU
[85] 2015-08-07
[86] 2014-02-18 (PCT/EP2014/053102)
[87] (WO2014/125117)
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[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/192 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING DEXKETOPROFEN AND TRAMADOL**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU DEXKETOPROFENE ET DU TRAMADOL**
[72] SCHMITZ, REINHARD, DE
[72] KOHL, TOBIAS, DE
[73] LABORATORIOS MENARINI SA, ES
[85] 2015-08-12
[86] 2014-02-06 (PCT/EP2014/052342)
[87] (WO2014/124862)
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[51] **Int.Cl. A61M 39/26 (2006.01)**
[25] EN
[54] **MALE LUER CONNECTOR WITH VALVE HAVING FLUID PATH AND VENT PATH SEALS**
[54] **RACCORD LUER MALE AVEC VALVE COMPRENANT UN CHEMIN DE FLUIDE ET DES JOINTS D'ETANCHEITE DE CHEMIN D'EVENT**
[72] MANSOUR, GEORGE MICHEL, US
[72] PANIAN, TYLER DEVIN, US
[73] CAREFUSION 303, INC., US
[85] 2015-08-11
[86] 2014-02-24 (PCT/US2014/018078)
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[30] US (13/797,688) 2013-03-12

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[25] EN
[54] **METHOD AND DEVICE FOR FOLDING A COVER MATERIAL ON A MEDICAL SENSOR**
[54] **PROCEDE ET DISPOSITIF SERVANT A PLIER UN MATERIAU DE RECOUVREMENT AU NIVEAU D'UN DISPOSITIF MEDICAL DE DETECTION**
[72] HEPPE, JOHN, DE
[72] RULLOF, ROLAND, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2015-08-13
[86] 2014-03-17 (PCT/EP2014/055346)
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[51] **Int.Cl. A47H 1/02 (2006.01) A47H 1/142 (2006.01) A47H 2/00 (2006.01)**
[25] EN
[54] **BRACKET SYSTEM**
[54] **SYSTEME DE CONSOLE**
[72] BUERMANN, HENRY, US
[72] HOLT, WADE, US
[72] ZITER, TONY, US
[73] HYPERKINETICS CORPORATION, US
[85] 2015-08-14
[86] 2014-02-14 (PCT/US2014/016589)
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[25] EN
[54] **CIS-MORPHOLINONE AND OTHER COMPOUNDS AS MDM2 INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **CIS-MORPHOLINONE ET AUTRES COMPOSES SERVANT D'INHIBITEURS DE MDM2 POUR LE TRAITEMENT DU CANCER**
[72] BARTBERGER, MICHAEL D., US
[72] BECK, HILARY PLAKE, US
[72] DEGRAFFENREID, MICHAEL R., US
[72] FOX, BRIAN M., US
[72] GONZALEZ LOPEZ DE TURISO, FELIX, US
[72] JULIAN, LISA D., US
[72] KAYSER, FRANK, US
[72] MEDINA, JULIO C., US
[72] OLSON, STEVEN H., US
[72] REW, YOSUP, US
[72] ROVETO, PHILIP M., US
[72] SUN, DAQING, US
[72] YAN, XUELEI, US
[73] AMGEN INC., US
[85] 2015-08-18
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[54] **MICRO-POROUS CONDUIT**
[54] **CONDUITE MICROPOREUSE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[73] KCI LICENSING, INC., US
[85] 2015-08-19
[86] 2014-02-06 (PCT/US2014/015169)
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[30] US (61/782,713) 2013-03-14

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[51] **Int.Cl. C01B 6/00 (2006.01) C01B 3/02 (2006.01) C01B 3/04 (2006.01) C01B 6/04 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MAKING METAL HYDRIDE SLURRIES**
[54] **PROCEDES ET SYSTEMES DE FABRICATION DE SUSPENSIONS D'HYDRURE METALLIQUE**
[72] BROWN, KENNETH S., JR., US
[72] BOWEN, DAVID D.G., US
[72] MCCLAINE, ANDREW W., US
[73] SAFE HYDROGEN, LLC, US
[85] 2015-08-20
[86] 2014-02-28 (PCT/US2014/019418)
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[30] US (13/782,747) 2013-03-01

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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/426 (2006.01)**
[25] EN
[54] **SOLID COMPOSITIONS COMPRISING A GLUCOKINASE ACTIVATOR AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS SOLIDES COMPRENANT UN ACTIVATEUR DE GLUCOKINASE ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] BENJAMIN, ERIC, US
[72] THORSTEINSSON, THORSTEINN, US
[72] RAPURU, SIVA KUMAR, US
[73] VTV THERAPEUTICS LLC, US
[85] 2015-09-01
[86] 2014-02-28 (PCT/US2014/019363)
[87] (WO2014/137799)
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[54] **HDAC INHIBITORS**
[54] **INHIBITEURS DE HDAC**
[72] JACQUES, VINCENT, US
[72] RUSCHE, JAMES R., US
[73] BIOMARIN PHARMACEUTICAL INC., US
[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/027633)
[87] (WO2014/143666)
[30] US (61/800,170) 2013-03-15
[30] US (61/863,235) 2013-08-07

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[25] EN
[54] **SOFTWARE AIRCRAFT PART INSTALLATION SYSTEM**
[54] **SYSTEME D'INSTALLATION DE LOGICIEL DE PIECE D'AERONEF**
[72] MITCHELL, JAMES EDWARD, US
[73] THE BOEING COMPANY, US
[86] (2903634)
[87] (2903634)
[22] 2015-09-04
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[51] **Int.Cl. B65G 47/14 (2006.01) B65G 47/22 (2006.01) B65G 47/71 (2006.01)**
[25] EN
[54] **SINGULATOR CONVEYOR**
[54] **TRANSPORTEUR SEPARATEUR**
[72] SCHROADER, STEVEN, US
[73] FIVES INTRALOGISTICS CORP., US
[85] 2015-09-02
[86] 2014-02-28 (PCT/US2014/019471)
[87] (WO2014/163972)
[30] US (13/795,112) 2013-03-12

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[13] C
[51] **Int.Cl. H04H 60/11 (2009.01) H04L 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RECOVERING AUDIO PDU TRANSPORT ELEMENTS IN DIGITAL RADIO BROADCAST RECEIVER**
[54] **SYSTEME ET PROCEDE POUR RECUPERER DES ELEMENTS DE TRANSPORT D'UNE PDU AUDIO DANS UN RECEPTEUR DE RADIODIFFUSION NUMERIQUE**
[72] MILBAR, MAREK, US
[73] IBIQUITY DIGITAL CORPORATION, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027657)
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[25] EN
[54] **PROCESS FOR IMPROVING COLD FLOW PROPERTIES AND INCREASING YIELD OF MIDDLE DISTILLATE FEEDSTOCK THROUGH LIQUID FULL HYDROTREATING AND DEWAXING**
[54] **PROCEDE D'AMELIORATION DES PROPRIETES D'ECOULEMENT A FROID ET D'AUGMENTATION DU RENDEMENT DE CHARGE DE DISTILLAT MOYEN PAR HYDROTRAITEMENT ET DEPARAFFINAGE ASSOCIES A UN SYSTEME R EMPLI DE LIQUIDE**
[72] DINDI, HASAN, US
[72] PALIT, SANDEEP, US
[72] PULLEY, ALAN HOWARD, US
[72] MURILLO, LUIS EDUARDO, US
[72] TA, THANH GIA, US
[72] BOEGER, BRIAN, US
[73] REFINING TECHNOLOGY SOLUTIONS, LLC, US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024190)
[87] (WO2014/159560)
[30] US (61/781,438) 2013-03-14

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[51] **Int.Cl. F21V 13/04 (2006.01) F21K 9/00 (2016.01) F21V 5/04 (2006.01) F21V 7/04 (2006.01)**
[25] EN
[54] **REFRACTIVE LIGHT ASSEMBLIES**
[54] **ENSEMBLES DE LUMIERE DE REFRACTION**
[72] CHEN, JIE, US
[72] MARQUARDT, CRAIG EUGENE, US
[72] WEISS, DANIEL AARON, US
[72] SEKOWSKI, DANIEL VINCENT, US
[72] ABDELSAMED, YASER S., US
[73] ABL IP HOLDING LLC, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030628)
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[30] US (13/837,731) 2013-03-15
[30] US (13/838,139) 2013-03-15

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[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS AND RELATED METHODS OF USE**
[54] **COMPOSITIONS ANTIMICROBIENNES ET PROCEDES D'UTILISATION ASSOCIES**
[72] GANDHI, NIRANJAN RAMANLAL, US
[72] PALMER SKEBBA, VICTORIA, US
[72] STROBEL, GARY A., US
[73] JENEIL BIOSURFACTANT COMPANY, LLC, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030657)
[87] (WO2014/145828)
[30] US (13/815,839) 2013-03-15

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[13] C
[51] **Int.Cl. C01F 7/02 (2006.01) C07C 43/16 (2006.01)**
[25] EN
[54] **CRYSTALLIZATION AIDS FOR BAYER ALUMINUM HYDROXIDE**
[54] **AUXILIAIRES DE CRISTALLISATION POUR DE L'HYDROXYDE D'ALUMINIUM BAYER**
[72] COUNTER, JAMES, AU
[72] MALITO, JOHN T. (DECEASED), US
[73] ECOLAB USA INC., US
[85] 2015-09-08
[86] 2014-02-12 (PCT/US2014/016095)
[87] (WO2014/158404)
[30] US (13/829,950) 2013-03-14

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[13] C
[51] **Int.Cl. A61M 39/26 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **NEEDLELESS CONNECTOR WITH FLEXIBLE VALVE**
[54] **RACCORD SANS AIGUILLE AYANT UNE VANNE SOUPLE**
[72] ZOLLINGER, CHRISTOPHER J., US
[72] YEH, JONATHAN, US
[72] MANSOUR, GEORGE MICHEL, US
[72] QUACH, MATTHEW, US
[73] CAREFUSION 303, INC., US
[85] 2015-09-09
[86] 2014-02-21 (PCT/US2014/017826)
[87] (WO2014/143529)
[30] US (13/829,227) 2013-03-14

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[51] **Int.Cl. B65D 17/00 (2006.01) B65D 17/32 (2006.01)**
[25] EN
[54] **VENTED BEVERAGE CAN AND CAN END**
[54] **CANETTE DE BOISSON VENTILEE ET EXTREMITE DE CANETTE**
[72] KEANE, BRENDAN, US
[72] FIELDS, BRIAN, US
[72] DOSHI, VIVEK, US
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2015-09-10
[86] 2014-03-10 (PCT/US2014/022524)
[87] (WO2014/159208)
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[25] EN
[54] **LIQUID (METH)ACRYLIC SYRUP FOR IMPREGNATING A FIBROUS SUBSTRATE, METHOD OF IMPREGNATING A FIBROUS SUBSTRATE, COMPOSITE MATERIAL OBTAINED FOLLOWING POLYMERISATION OF THE PRE-IMPREGNATED SUBSTRATE**
[54] **SIROP (METH) ACRYLIQUE LIQUIDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX, PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX, MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT SUBSTRAT PRE-IMPREGNE**
[72] GERARD, PIERRE, FR
[72] GLOTIN, MICHEL, FR
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] QUINTEN, CLAIRE, FR
[72] MIHALUTA, MARIUS, FR
[72] LIN, QING, FR
[72] FERRIOL, MICHEL, FR
[72] COCHEZ, MARIANNE, FR
[73] ARKEMA FRANCE, FR
[73] POLE DE PLASTURGIE DE L'EST, FR
[73] UNIVERSITE DE LORRAINE, FR
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[51] **Int.Cl. F15B 21/00 (2006.01) F16J 1/00 (2006.01)**
[25] EN
[54] **REGULATOR APPARATUS HAVING A CHARGING VALVE ASSEMBLY AND A FLOW MULTIPLIER ASSEMBLY**
[54] **APPAREIL REGULATEUR POSSEDANT UN ENSEMBLE DE SOUPAPE DE CHARGEMENT ET UN ENSEMBLE MULTIPLICATEUR DE DEBIT**
[72] HERSAK, GREG, CA
[72] WRAY, RICHARD WILFRID, CA
[73] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[85] 2015-09-14
[86] 2014-03-14 (PCT/CA2014/050244)
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[30] US (61/785,090) 2013-03-14

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[25] EN
[54] **CITRATE CONTAINING BEVERAGE**
[54] **BOISSON CONTENANT DU CITRATE**
[72] GOLDFARB, DAVID S., US
[72] EISNER, BRIAN, US
[72] ASPLIN, JOHN, US
[72] STOLLER, MARSHALL L., US
[73] NEW YORK UNIVERSITY, US
[73] GENERAL HOSPITAL CORPORATION, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/027736)
[87] (WO2014/152789)
[30] US (61/793,442) 2013-03-15

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[13] C
[51] **Int.Cl. B65B 31/00 (2006.01) B65B 31/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A REGULATED ATMOSPHERE FOR PACKAGING PERISHABLE GOODS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UNE ATMOSPHERE REGULEE POUR LE CONDITIONNEMENT DE DENREES PERISSABLES**
[72] BOWDEN, LISA A., US
[72] BOWDEN, R. CRAIG, US
[72] NAGAMINE, JAMES, US
[73] THE BOWDEN GROUP, US
[85] 2015-09-15
[86] 2014-03-18 (PCT/US2014/031054)
[87] (WO2014/146094)

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[13] C
[51] **Int.Cl. C07D 207/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **SYNTHESIS OF CYCLIC IMIDE CONTAINING PEPTIDE PRODUCTS**
[54] **SYNTHESE DE PRODUITS PEPTIDIQUES CONTENANT UN IMIDE CYCLIQUE**
[72] HENKEL, BERND, DE
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2015-09-17
[86] 2014-03-19 (PCT/EP2014/055511)
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[30] EP (13160380.5) 2013-03-21

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[13] C
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[72] PROTASOV, VADIM, US
[72] BISSONNETTE, HAROLD S., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **TURBINE HYDRAULIQUE PRODUCTRICE D'ENERGIE ET ENSEMBLE D'ACCELERATEUR**
[72] MCCORMACK, VINCENT, IE
[73] MCCORMACK, VINCENT, IE
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[54] **A GALACTOOLIGOSACCHARIDE COMPOSITION FOR USE IN PREVENTING OR TREATING COGNITIVE DYSFUNCTION AND EMOTIONAL DISTURBANCES IN NEUROPSYCHIATRY ILLNESSES OR AGEING**
[54] **COMPOSITION DE GALACTO-OLIGOSACCHARIDES UTILISEE POUR PREVENIR OU TRAITER LE DYSFONCTIONNEMENT COGNITIF ET LES PERTURBATIONS EMOTIONNELLES DANS LES MALADIES NEUROPSYCHIATRIQUES OU LE VIEILLISSEMENT**
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[73] CLASADO RESEARCH SERVICES LIMITED, GB
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[54] **FLUIDE ANTICOAGULATION COMPRENANT DU CITRATE ET DU PHOSPHATE**
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[72] WIESLANDER, ANDERS, SE
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[54] **CONNECTING APPARATUS FOR CONNECTING AN ELECTRICALLY POWERED VEHICLE TO A CHARGING STATION**
[54] **APPAREIL DE RACCORDEMENT POUR RACCORDER UN VEHICULE ELECTRIQUE A UNE STATION DE CHARGE**
[72] WARNER, BRUCE, CH
[72] DUMITRU, ALEXANDRU, CH
[72] HAEBERLIN, PHILIPPE, CH
[73] ABB SCHWEIZ AG, CH
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[54] **CONFINEMENT DE PLASMA A CHAMP MAGNETIQUE POUR ENERGIE DE FUSION COMPACTE**
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[73] LOCKHEED MARTIN CORPORATION, US
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[54] **CHARGEMENT SANS FIL PAR INDUCTION D'UNE SOURCE D'ENERGIE D'UN SYSTEME D'ARME**
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[73] CYNETIC DESIGNS LTD., CA
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[72] PLANT, BENJAMIN CHARLES, AU
[73] TULLI PTY LTD, AU
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[54] **DISPOSITIF DE STABILISATION ET DE REPARATION DE TISSU**
[72] HISSONG, JAMES B., US
[73] MEDTRONIC XOMED, INC., US
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[54] **COMMUNICATIONS SANS FIL SIMULTANEES SUR UN SPECTRE SOUS LICENCE ET SANS LICENCE**
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[72] MALLADI, DURGA PRASAD, US
[72] WEI, YONGBIN, US
[72] GAAL, PETER, US
[72] LUO, TAO, US
[72] JI, TINGFANG, US
[72] HORN, GAVIN BERNARD, US
[72] CHEN, WANSHI, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE ET DISPOSITIF DE DURCISSEMENT THERMOCHIMIQUE DE PIECES**
[72] HEUER, VOLKER, DE
[72] LOSER, KLAUS, DE
[73] ALD VACUUM TECHNOLOGIES GMBH, DE
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[25] EN
[54] **COMPRESSED AIR ENERGY STORAGE UNIT WITH INDUCTION PUMP AND METHOD FOR THE PRODUCTION OF SUCH A COMPRESSED AIR ENERGY STORAGE UNIT**
[54] **CENTRALE D'ACCUMULATION D'AIR COMPRIME COMPRENANT UNE POMPE A INDUCTION ET PROCEDE DE FABRICATION DE CETTE CENTRALE D'ACCUMULATION D'AIR COMPRIME**
[72] SCHNEIDER, ALEXANDER, AT
[73] SCHNEIDER, ALEXANDER, AT
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[54] **COMPOSITION TOPIQUE ET VEHICULE POUR L'ADMINISTRATION DE PRINCIPES ACTIFS PHARMACEUTIQUES OU COSMETIQUES**
[72] HERSLOF, BENGT, SE
[72] HOLMBACK, JAN, SE
[73] LIPIDOR AB, SE
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[72] O'BRIEN, DANIEL, GB
[73] MORPHPACKERS LIMITED, GB
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[54] **INTERFACE UTILISATEUR A DISPOSITIF ECRAN TACTILE POUR TELECOMMANDE D'UN THERMOSTAT**
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[72] BRUCK, TIMO A., US
[73] GOOGLE LLC, US
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[54] **CAGE POUR PIECES INTERNES DE SOUPAPE DE COMMANDE COMPRENANT UNE PLURALITE DE BARRES ANTI-CAVITATION OU DE BARRES DE REDUCTION DU BRUIT**
[72] DORAN, AARON C., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **COMPRIMES DE N-ACETYLCYSTEINE A AVALER**
[72] DE LAZZARI, ALESSANDRA, IT
[72] MORETTO, ALBERTO, IT
[73] ZAMBON S.P.A., IT
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[54] **BASEPLATE FOR MOUNTING AND SUPPORTING ROTATING MACHINERY AND SYSTEM COMPRISING SAID BASEPLATE**
[54] **PLAQUE DE BASE POUR MONTER ET SOUTENIR UNE MACHINE TOURNANTE, ET SYSTEME COMPRENANT LADITE PLAQUE DE BASE**
[72] DEL BONO, ALESSANDRO, IT
[73] NUOVO PIGNONE SRL, IT
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[54] **PROCEDE POUR RECOUVRIR UNE SURFACE D'UN BATIMENT ET ROBOT CORRESPONDANT**
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[72] CHILDS, PETER R.N., GB
[72] HOLLOWAY, MATHEW, GB
[73] Q-BOT LIMITED, GB
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[54] **BOBINE D'INDUCTION A GEOMETRIE DE BOBINE MODULABLE DE MANIERE DYNAMIQUE**
[72] IGNATOWSKI, THOMAS, US
[72] NALLEN, MICHAEL A., US
[73] THERMATOOL CORP., US
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[54] **PROCEDE ET APPAREIL INTERACTIFS POUR UNE CONSOMMATION DE RECIT MULTIMEDIA**
[72] BASAPUR, SANTOSH S., US
[72] CHAYSINH, SHIRLEY A., US
[72] MANDALIA, HIREN M., US
[72] VENKITARAMAN, NARAYANAN, US
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[54] **GENERATEUR DE GAZ PYROTECHNIQUE POUR ACTIONNER UN VERIN**
[72] MARLIN, FREDERIC, FR
[72] LORENZON, ROMAIN, FR
[72] TEOLDI, RAPHAEL, FR
[73] ARIANEGROUP SAS, FR
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[54] **POLYTHERAPIE A BASE D'OXAZOLIDINONE-QUINOLONE POUR UNE UTILISATION DANS LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] KAPSNER, THOMAS, DE
[72] DALHOFF, AXEL, DE
[73] MORPHOCHEM AKTIENGESELLSCHAFT FUR KOMBINATORISCHE CHEMIE, DE
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[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **IMPROVED FUEL TANK ACCESS DOOR GASKET WITH REINFORCED SEAL**
[54] **JOINT AMELIORE DE PORTE D'ACCES DE RESERVOIR DE CARBURANT AYANT UN JOINT RENFORCE**
[72] COPPOLA, STEPHEN J., US
[72] VOZZELLA, ANTHONY, US
[72] PARENTEAU, NICK, US
[72] SPIES, GEORGE, US
[72] BROWN, GERARD, US
[72] HALLORAN, SCOTT, US
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[73] PARKER-HANNIFIN CORPORATION, US
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[54] **ALGORITHME DE GENERATION DE VOLUME POUR MAILLAGE DE RESEAU DISCRET**
[72] WARD, STEVEN BRYAN, US
[72] BREWER, MICHAEL LOYD, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[25] FR
[54] **SYSTEM FOR MEASURING PRESSURE ABLE TO DISCRIMINATE A FAILURE FROM AN OVER-PRESSURE OR UNDER-PRESSURE**
[54] **SYSTEME DE MESURE DE PRESSION DISCRIMINANT UNE PANNE D'UNE SURPRESSION OU D'UNE DEPRESSION**
[72] LONGU, GUILLAUME, FR
[73] AUXITROL S.A., FR
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[54] **SYSTEME ET PROCEDE D'INJECTION D'ODORISANT LIQUIDE DANS UNE CANALISATION DE GAZ NATUREL**
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[72] KAMECHE, MOHAMED, FR
[73] ENGIE, FR
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[54] **FACTEUR VII TRANSGENIQUE PRESENTANT UNE N-GLYCOSYLATION SPECIFIQUE ET POINT ISOELECTRIQUE SUBSTANTIELLEMENT HOMOGENE**
[72] CHEVREUX, GUILLAUME, FR
[73] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
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[54] **METHOD FOR THE PREPARATION OF (1,2,4)-TRIAZOLO(4,3-A)PYRIDINES**
[54] **PROCEDES POUR PREPARER DES (1,2,4)-TRIAZOLO(4,3-A)PYRIDINES**
[72] BIO, MATTHEW, US
[72] FANG, ERIC, US
[72] MILNE, JACQUELINE E., US
[72] WIEDEMANN, SEAN, US
[72] WILSILY, ASH, US
[73] AMGEN INC., US
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[54] **MESURE DE RESISTANCE DE CONTACT DANS UN COMPTEUR D'ELECTRICITE**
[72] VOISINE, JOHN T., US
[73] LANDIS+GYR LLC, US
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[54] **PRESSURE REDUCTION SYSTEM**
[54] **SYSTEME DE REDUCTION DE PRESSION**
[72] WARDLE, DAVID, GB
[72] HYDE, KRISTIAN, GB
[73] ITM POWER (RESEARCH) LIMITED, GB
[85] 2016-01-14
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[54] **DEFORMATION ABSORPTION MEMBER AND FUEL-CELL-STACK**
[54] **ELEMENT ABSORBEUR DE DEFORMATION ET PILE A COMBUSTIBLE**
[72] FUKUYAMA, YOSUKE, JP
[72] SHIOMI, TAKESHI, JP
[72] TERADA, YUSUKE, JP
[72] TAJIMA, NORIHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] NHK SPRING CO., LTD., JP
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[54] **WIRELINE ROLLER STANDOFF**
[54] **ELEMENT D'ESPACEMENT DE ROULEAUX DE CABLE METALLIQUE**
[72] HRADECKY, JASON ALLEN, US
[73] IMPACT SELECTOR INTERNATIONAL, LLC, US
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[54] **CUTLERY DISPENSER AND RELATED METHODS**
[54] **PRESENTOIR A COUVERTS ET PROCEDES ASSOCIES**
[72] OAKES, SHAWN A., US
[73] GPCP IP HOLDINGS LLC, US
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[25] EN
[54] **SOIL CULTIVATION IMPLEMENT WITH A DEVICE FOR RECONSOLIDATION**
[54] **ACCESSOIRE DE CULTURE DU SOL DOTE D'UN DISPOSITIF DE RECONSOLIDATION**
[72] ACHTEN, GEORG, DE
[72] BODEWIG, JOHANNES, DE
[72] DIEPERS, CLEMENS, DE
[72] VAN HAAREN, JOSEF, DE
[72] HAPPE, CHRISTOPH, DE
[72] KARSTEN, SEBASTIAN, DE
[72] MAAS, LUDGER, DE
[72] PAULESSEN, GEORG, DE
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[54] **CARENAGE AERODYNAMIQUE RESISTANT A L'EROSION**
[72] BEHMER, HARALD, GB
[72] BROOME, PETER ANTHONY, GB
[72] HAYDEN, PAUL TREVOR, GB
[73] BLADE DYNAMICS LIMITED, GB
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[54] **DISPOSITIF DE PREHENSION POUR LE MAINTIEN DE LA MUNITION LORS DU CHARGEMENT D'UN CANON**
[72] ORBAN, HENRI, BE
[73] CMI DEFENCE S.A., BE
[85] 2016-01-28
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[54] **BOUCHON POUR RECEPTACLE ET RECEPTACLE, NOTAMMENT TUBE, EN PARTICULIER TUBE SOUPLE POUR PRODUIT COSMETIQUE, MUNI DUDIT BOUCHON**
[72] KERMAN, ERIC, FR
[72] HERMANT, ETIENNE, FR
[72] MAURICE, THIERRY, FR
[73] ALBEA SERVICES, FR
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[54] **COMBINATION FORMULATION OF TWO ANTIVIRAL COMPOUNDS**
[54] **PREPARATION COMBINEE DE DEUX COMPOSES ANTIVIRAUX**
[72] GORMAN, ERIC, US
[72] MOGALIAN, ERIK, US
[72] OLIYAI, REZA, US
[72] STEFANIDIS, DIMITRIOS, US
[72] WISER, LAUREN, US
[72] ZIA, VAHID, US
[73] GILEAD PHARMASSET LLC, US
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[54] **TRANSPORTEUR ET ECLUSE A POISSONS**
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[73] TRANSMORO AB, SE
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[54] **METHOD OF SELECTING A NEEDLE FOR SUBCUTANEOUS THERAPY**
[54] **PROCEDE DE SELECTION D'UNE AIGUILLE POUR LA THERAPIE SOUS-CUTANEE**
[72] SEALFON, ANDREW L., US
[73] REPRO-MED SYSTEMS, INC., US
[85] 2016-02-19
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[54] **PROCESS FOR TREATMENT OF A FLUID COMPRISING AN OXIDIZABLE CONTAMINANT**
[54] **PROCEDE DE TRAITEMENT D'UN FLUIDE COMPRENANT UN CONTAMINANT OXYDABLE**
[72] SAFARZDEH-AMIRI, ALI, CA
[72] WALTON, JOHN R., US
[72] FAGAN, MICHAEL, US
[73] TROJAN TECHNOLOGIES, CA
[85] 2016-02-22
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[54] **SYSTEM FOR TRANSFERRING FLUID BETWEEN A FIXED OR FLOATING FACILITY FOR PRODUCING OR STORING FLUID AND A VESSEL SUCH AS A LIQUID NATURAL GAS CARRIER**
[54] **SYSTEME DE TRANSFERT DE FLUIDE ENTRE UNE INSTALLATION FIXE OU FLOTTANTE DE PRODUCTION OU DE STOCKAGE DE FLUIDE ET UN NAVIRE TEL QU'UN METHANIER NAVETTE**
[72] PAQUET, STEPHANE, FR
[73] TECHNIP FRANCE, FR
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[54] **BROSSE A DOUBLE FACE REVERSIBLE**
[72] STANTON, DEANE MARC, US
[73] HAIR SECRETZ LIMITED, GB
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[72] PETERSON, ERIK E., US
[72] KADABA, NAGESH, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **METHOD OF SEALING A WELL**
[54] **PROCEDE D'ETANCHEIFICATION D'UN PUITS**
[72] HEMMINGSEN, PAL VIGGO, NO
[72] GRIMSBO, GJERMUND, NO
[72] BUCHANAN, ALASTAIR, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **METHOD AND DEVICE FOR THE PLASMA-CATALYTIC CONVERSION OF MATERIALS**
[54] **PROCEDE ET DISPOSITIF DE CONVERSION DE SUBSTANCES AVEC CATALYSE ASSISTEE PAR PLASMA**
[72] SPITZL, RALF, DE
[73] SPITZL, RALF, DE
[85] 2016-04-04
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[54] **ENLEVEMENT CIBLE DE DEPOT D'ECHANGEUR THERMIQUE PAR DISSOLUTION ET ENLEVEMENT MECANIQUE COMBINES**
[72] CRYTZER, KURTIS B., US
[72] SELFRIDGE, DAVID W., JR., US
[72] LEGOFF, MARTIN, US
[72] IKEDA, LAUREN R., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
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[54] **METHOD FOR MONITORING A LOCKING SYSTEM FOR A TURBINE ENGINE THRUST REVERSER**
[54] **PROCEDE DE SURVEILLANCE D'UN SYSTEME DE VERROUILLAGE POUR INVERSEUR DE POUSSEE DE TURBOMACHINE**
[72] ALLUT, GABRIEL, FR
[72] BOZETINE, MOHAMED, FR
[72] COLIN, ANTOINE OLIVIER FRANCOIS, FR
[72] PIQUET, BARBARA-ANN, FR
[73] SNECMA, FR
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[72] LEIBOWITZ, SARAH, US
[72] TRAISTARU, CAMELIA, US
[73] DELAVAL HOLDING AB, SE
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[54] **COMPOSITION AQUEUSE DE REVETEMENT**
[72] ZHANG, QINGWEI, CN
[72] XU, HONGPING, CN
[72] LIU, HAN, CN
[72] DONG, XIANGTING, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] ROHM AND HAAS COMPANY, US
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[54] **RECEPTION DEVICE, RECEPTION METHOD, TRANSMISSION DEVICE, AND TRANSMISSION METHOD**
[54] **APPAREIL DE RECEPTION, PROCEDE DE RECEPTION, APPAREIL DE TRANSMISSION ET PROCEDE DE TRANSMISSION**
[72] KITAZATO, NAOHISA, JP
[73] SONY CORPORATION, JP
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[54] **RACCORDEMENT DE TRANSMISSION FLUIDIQUE A CAME DE DEGAGEMENT DE PRESSION A ELEMENT INDEPENDANT**
[72] GATTI, GIANMARCO, IT
[72] TIVELLI, SERGIO, IT
[73] STUCCHI S.P.A., IT
[85] 2016-05-03
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[25] EN
[54] **FLUID TRANSMISSION COUPLER WITH REAR CHAMBER FED BY OBLIQUE PIPE**
[54] **RACCORD DE TRANSMISSION DE FLUIDE AVEC CHAMBRE ARRIERE ALIMENTEE PAR UNE CONDUITE OBLIQUE**
[72] ALLEVI, MATTEO, IT
[72] GATTI, GIANMARCO, IT
[72] STUCCHI, GIOVANNI, IT
[72] TIVELLI, SERGIO, IT
[73] STUCCHI S.P.A., IT
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[54] **DECANTEUR CENTRIFUGE**
[72] HUYGHE, JEAN-MARC, FR
[72] PASOL, LAURENTIU, FR
[73] ANDRITZ S.A.S., FR
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[54] **USE OF ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY (EIS) IN CONTINUOUS GLUCOSE MONITORING**
[54] **UTILISATION DE SPECTROSCOPIE D'IMPEDANCE ELECTROCHIMIQUE (SIE) DANS LA SURVEILLANCE DU GLUCOSE EN CONTINU**
[72] VARSAVSKY, ANDREA, US
[72] YU, FEI, US
[72] MILLER, MICHAEL E., US
[72] LIANG, BRADLEY C., US
[72] YANG, NING, US
[73] MEDTRONIC MINIMED, INC., US
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[30] US (14/466,126) 2014-08-22
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[54] **DEHUMIDIFACTION SYSTEM AND METHOD USED FOR DRYING FIBERS**
[54] **SYSTEME ET PROCEDE DE DESHYDRATATION UTILISES POUR SECHER DES FIBRES**
[72] HENRY, JAMES W., CA
[72] PANIGRAHI, SATYANARAYAN, CA
[72] LAL KUSHWAHA, RADHEY, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **RECONCILING VOLUMELETS IN VOLUME COHORTS**
[54] **RAPPROCHEMENT DE FRACTIONS DE VOLUME DANS DES COHORTES DE VOLUME**
[72] DONLAN, BRYAN JAMES, US
[72] FRANKLIN, PAUL DAVID, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-06-15
[86] 2014-12-18 (PCT/US2014/071159)
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[30] US (14/133,522) 2013-12-18
[30] US (14/133,575) 2013-12-18

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[25] EN
[54] **METHOD OF CONTROLLING MULTIPLE PARALLEL-CONNECTED GENERATORS**
[54] **PROCEDE PERMETTANT DE COMMANDER DE MULTIPLES GENERATEURS RACCORDES EN PARALLELE**
[72] TESCH, TOD R., US
[73] GENERAC POWER SYSTEMS, INC., US
[85] 2016-06-22
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[30] US (14/138,414) 2013-12-23

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[54] **VACCINE TARGETING IL-17A**
[54] **VACCIN CIBLANT L'IL-17A**
[72] KORIYAMA, HIROSHI, JP
[72] NAKAGAMI, HIRONORI, JP
[72] MORISHITA, RYUICHI, JP
[73] OSAKA UNIVERSITY, JP
[85] 2016-06-23
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[87] (WO2015/099167)
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[25] EN
[54] **UNIFIED SERVICE ARCHITECTURE**
[54] **ARCHITECTURE DE SERVICE UNIFIE**
[72] MANIK, JESSIE, CA
[72] RUBY, ROSWELL A., CA
[72] QUEK, ERONE, CA
[73] BCE INC., CA
[86] (2935644)
[87] (2935644)
[22] 2016-07-11
[30] US (62/190,500) 2015-07-09

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[51] **Int.Cl. H05K 5/06 (2006.01)**
[25] EN
[54] **WATERPROOF CASE**
[54] **ETUI IMPERMEABLE A L'EAU**
[72] LAI, JUNE, CN
[72] WRIGHT, JOSHUA, CN
[73] CATALYST LIFESTYLE LIMITED, CN
[73] LAI, JUNE, CN
[73] WRIGHT, JOSHUA, CN
[85] 2016-07-07
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[25] EN
[54] **A STABILIZED SIZING FORMULATION**
[54] **FORMULATION D'ENCOLLAGE STABILISEE**
[72] STRENGELL, REETTA, FI
[72] LINDFORS, JUHA, FI
[72] HYVARINEN, SARI, FI
[72] VUOTI, SAULI, FI
[73] KEMIRA OYJ, FI
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[51] **Int.Cl. H04L 12/16 (2006.01) H04W 92/18 (2009.01)**
[25] EN
[54] **METHOD FOR PERFORMING WI-FI DISPLAY SERVICE AND DEVICE FOR SAME**
[54] **PROCEDE DE REALISATION D'UN SERVICE D'AFFICHAGE PAR WI-FI ET DISPOSITIF A CET EFFET**
[72] LEE, BYUNGJOO, KR
[72] PARK, GIWON, KR
[72] KIM, DONGCHEOL, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-08-03
[86] 2014-05-14 (PCT/KR2014/004312)
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[25] EN
[54] **METHOD FOR GENERATING T-CELLS COMPATIBLE FOR ALLOGENIC TRANSPLANTATION**
[54] **PROCEDE D'OBTENTION DE LYMPHOCYTES T COMPATIBLES AVEC LA TRANSPLANTATION ALLOGENIQUE**
[72] POIROT, LAURENT, FR
[72] SOURDIVE, DAVID, FR
[72] DUCHATEAU, PHILIPPE, FR
[72] CABANIOLS, JEAN-PIERRE, FR
[73] CELLECTIS, FR
[85] 2016-09-09
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[25] EN
[54] **IMPROVED SEALS FOR STRETCHABLE FILMS**
[54] **JOINTS D'ETANCHEITE AMELIORES POUR FILMS ETIRABLES**
[72] WILCOXEN, KYLE R., US
[72] KIRK, MICHAEL K., US
[73] THE GLAD PRODUCTS COMPANY, US
[85] 2016-09-26
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[25] EN
[54] **FORWARD ADVANCING CUTLERY DISPENSER**
[54] **DISTRIBUTEUR DE COUVERTS A MECANISME D'AVANCE**
[72] OAKES, SHAWN ALLEN, US
[73] GPCP IP HOLDINGS LLC, US
[85] 2016-09-30
[86] 2014-08-07 (PCT/US2014/050169)
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[25] EN
[54] **EDGE SEAL WITH SIDEWALL SEAL**
[54] **JOINT DE BORD AVEC JOINT DE PAROI LATERALE**
[72] KSIEZOPOLSKI, EDWIN E., US
[73] LIFETIME INDUSTRIES, INC., US
[85] 2016-09-30
[86] 2015-03-31 (PCT/US2015/023575)
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[25] EN
[54] **CONTROLLED POROSITY BALLOON FOR TISSUE TREATMENTS**
[54] **BALLON A POROSITE CONTROLEE POUR TRAITEMENTS TISSULAIRES**
[72] BACINO, JOHN E., US
[72] CAMPBELL, CAREY V., US
[72] CULLY, EDWARD H., US
[72] TRAPP, BENJAMIN M., US
[72] VONESH, MICHAEL J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[86] (2944738)
[87] (2944738)
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[62] 2,850,497
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[51] **Int.Cl. B09B 3/00 (2006.01) B09B 5/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR RECYCLING MATTRESS BOX SPRINGS**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE RECYCLER DES SOMMIERS TAPISSIERS DE MATELAS**
[72] GILBERT, VINCENT PAUL, US
[72] BROWN, VERNON L., US
[72] MILLER, DENNY G., US
[72] NELSON, EDWARD R., US
[73] ENVIRONMENTALLY CONSCIOUS RECYCLING, INC., US
[85] 2016-10-06
[86] 2015-04-07 (PCT/US2015/024700)
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[25] EN
[54] **SELECTIVE DISPLAY OF COMPREHENSION GUIDES**
[54] **AFFICHAGE SELECTIF DE GUIDES DE COMPREHENSION**
[72] YU, WAINWRIGHT GREGORY SIADY, US
[72] KANSO, MOHAMMAD, US
[72] CHUAH, JOON HAO, US
[72] HULLENDER, GREGORY NICHOLAS, US
[72] WATSON, BRANDON LABRANCHE, US
[72] NATARAJAN, MANIGANDAN, US
[72] KING, JOSEPH, US
[72] ROTH, ROBERT WAYNE, US
[72] AGGARWAL, NIKUNJ, US
[72] POULIN, JAMES JOSEPH, US
[72] DASS, RAMYA, US
[72] SAMPATH, SRIDHAR, US
[72] ASOKAN, SANTOSH KUMAR, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-10-12
[86] 2015-04-24 (PCT/US2015/027609)
[87] (WO2015/164795)
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[25] EN
[54] **ELECTRONIC CONTACTLESS HORN AND SOUND DEVICE**
[54] **AVERTISSEUR ET DISPOSITIF SONORES ELECTRONIQUES SANS CONTACT**
[72] PATEL, SANJIV, US
[73] PATEL, SANJIV, US
[85] 2016-10-27
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[25] EN
[54] **RAPID MICROBIAL DETECTION**
[54] **DETECTION MICROBIOLOGIQUE RAPIDE**
[72] KRISHNAMURTHY, RAJESH, US
[73] 3I DIAGNOSTICS, INC., US
[85] 2016-11-08
[86] 2014-05-30 (PCT/US2014/000137)
[87] (WO2014/193481)
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[25] EN
[54] **IN-SITU SUBSURFACE EXTRACTION AND DECONTAMINATION**
[54] **EXTRACTION ET DECONTAMINATION EN SUBSURFACE IN SITU**
[72] LUNDY, WILLIAM L., US
[73] LUNDY, WILLIAM L., US
[85] 2016-11-29
[86] 2015-06-02 (PCT/US2015/033783)
[87] (WO2015/187692)
[30] US (62/006,721) 2014-06-02

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[25] EN
[54] **METHOD AND DEVICE FOR ESTIMATING DOWNHOLE STRING VARIABLES**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION DE VARIABLES DE TRAIN DE TIGES DE FOND DE TROU**
[72] KYLLINGSTAD, AGE, NO
[73] NATIONAL OILWELL VARCO NORWAY AS, NO
[85] 2016-11-30
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[25] EN
[54] **METHODS FOR DEGUMMING OILS**
[54] **PROCEDES DE DEMUCILAGINATION D'HUILES**
[72] KOZYUK, OLEG, US
[73] ARCHER-DANIELS-MIDLAND COMPANY, US
[85] 2016-12-01
[86] 2014-07-03 (PCT/US2014/045356)
[87] (WO2016/003465)

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[25] EN
[54] **ANISOTROPIC GEOMETRY-ADAPTIVE REFINEMENT FOR RESERVOIR MESH CREATION**
[54] **AFFINEMENT ADAPTATIF EN GEOMETRIE ANISOTROPE POUR LA CREATION DE MAILLAGE DE RESERVOIRS**
[72] BREWER, MICHAEL L., US
[72] WARD, STEVEN B., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-12-05
[86] 2014-07-11 (PCT/US2014/046322)
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[25] EN
[54] **STACK OF Z-FOLDED WEB WITH CONNECTOR TO ANOTHER STACK**
[54] **PILE DE BANDE PLIEE EN Z AYANT UN RACCORD A UNE AUTRE PILE**
[72] LARSSON, BJORN, SE
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
[85] 2016-12-12
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[25] EN
[54] **BITSTREAM CONFORMANCE CONSTRAINTS IN SCALABLE VIDEO CODING**
[54] **CONTRAINTES DE CONFORMITE DE TRAIN DE BITS DANS UN CODAGE VIDEO EVOLUTIF**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-25 (PCT/US2015/037720)
[87] (WO2015/200653)
[30] US (62/017,742) 2014-06-26
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[25] EN
[54] **SERVER SIDE ADAPTIVE BIT RATE CONTROL FOR HTTP STREAMING CLIENTS**
[54] **COMMANDE ADAPTATIVE DE DEBIT BINAIRE COTE SERVEUR POUR CLIENTS DE LECTURE EN FLUX CONTINU HTTP**
[72] SCHMIDT, MARK S., US
[72] MOORTHY, PRAVEEN N., US
[72] LUTHRA, AJAY, US
[72] MORONEY, PAUL, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-12-21
[86] 2015-06-25 (PCT/US2015/037658)
[87] (WO2015/200613)
[30] US (62/017,380) 2014-06-26
[30] US (14/750,097) 2015-06-25

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[25] EN
[54] **A FEET POSITION GUIDANCE AID**
[54] **AIDE DE GUIDAGE DE POSITION DE PIEDS**
[72] HAKKALA, ERKKI, FI
[73] FOOTBALANCE SYSTEM OY, FI
[85] 2016-12-22
[86] 2014-06-30 (PCT/FI2014/050540)
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[25] EN
[54] **AVIATION GASOLINE COMPOSITION, ITS PREPARATION AND USE**
[54] **COMPOSITION DE CARBURANT D'AVIATION, SA PREPARATION ET SON UTILISATION**
[72] HJELMBERG, LARS, SE
[73] BP OIL INTERNATIONAL LIMITED, GB
[73] HJELMCO AB, SE
[73] TOTAL MARKETING SERVICES, FR
[85] 2016-12-23
[86] 2015-06-26 (PCT/EP2015/064602)
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[25] EN
[54] **CONFIGURATIONS AND METHOD OF INTEGRATING A GAS TO LIQUIDS (GTL) PLANT IN A REFINERY**
[54] **CONFIGURATIONS ET PROCEDE D'INTEGRATION D'UNE INSTALLATION DE TRANSFORMATION DU GAZ EN LIQUIDES (GTL) DANS UNE RAFFINERIE**
[72] RAVIKUMAR, RAVI, US
[72] KOPPEL, PAUL E., US
[72] DABEE, SANJIV, US
[72] ZYCHOWICZ, JOHNATHON, US
[73] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2017-01-11
[86] 2015-07-28 (PCT/US2015/042541)
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[30] US (62/030,000) 2014-07-28

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[25] EN
[54] **METHOD FOR EXTRACTION AND SEPARATION OF RARE EARTH ELEMENTS**
[54] **PROCEDE D'EXTRACTION ET DE SEPARATION D'ELEMENTS DE TERRES RARES**
[72] BREWER, JOSEPH, US
[73] RARE EARTH SALTS SEPARATION AND REFINING, LLC, US
[85] 2017-01-13
[86] 2015-08-14 (PCT/US2015/045423)
[87] (WO2016/025928)
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[51] **Int.Cl. H01S 3/098 (2006.01) H01S 3/067 (2006.01) H01S 3/11 (2006.01)**
[25] EN
[54] **PASSIVELY MODE-LOCKED FIBER RING GENERATOR**
[54] **GENERATEUR ANNULAIRE DE FIBRE A MODES BLOQUES PASSIVEMENT**
[72] SAMARTSEV, IGOR, US
[72] BORDENYUK, ANDREY, US
[73] IPG PHOTONICS CORPORATION, US
[85] 2017-01-17
[86] 2015-12-15 (PCT/US2015/065798)
[87] (WO2016/100330)
[30] US (62/091,817) 2014-12-15

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[51] **Int.Cl. A61M 1/00 (2006.01) A61J 15/00 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS**
[54] **SYSTEME DE DETECTION D'ECOULEMENT POUR APPAREIL DE REGULATION DE DEBIT**
[72] HUDSON, JOSEPH, US
[73] KPR U.S., LLC, US
[85] 2017-01-20
[86] 2015-07-23 (PCT/US2015/041696)
[87] (WO2016/014768)
[30] US (62/028,970) 2014-07-25

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[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/02 (2006.01) A61F 15/00 (2006.01)**
[25] EN
[54] **ARTICLE AND METHOD FOR MAINTAINING MENSTRUAL FLUID WITHIN THE VAGINA**
[54] **ARTICLE ET PROCEDE PERMETTANT DE MAINTENIR LE FLUIDE MENSTRUEL A L'INTERIEUR DU VAGIN**
[72] MOSCHEROSCH, H. MICHAEL, US
[72] STURGEON, JENNIFER L., US
[72] HOU, MARI, US
[73] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2017-01-26
[86] 2014-07-31 (PCT/US2014/049045)
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[25] EN
[54] **NOVEL BACTERIUM OF BACILLUS GENUS AND USES THEREOF**
[54] **NOUVELLE BACTERIE DU GENRE BACILLUS ET SES UTILISATIONS**
[72] DODDA, SANTOSH KUMAR, IN
[72] PARIHAR, DWARKESH SINGH, IN
[72] VERMA, PARESH KUMAR, IN
[73] DCM SHRIRAM LTD., IN
[85] 2017-02-03
[86] 2015-07-21 (PCT/IN2015/000294)
[87] (WO2016/027279)
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[25] EN
[54] **SELECTIVE DENDRIMER DELIVERY TO BRAIN TUMORS**
[54] **ADMINISTRATION D'UN DENDRIMERE SELECTIF DANS DES TUMEURS CEREBRALES**
[72] MANGRAVITI, ANTONELLA, US
[72] MASTORAKOS, PANAGIOTIS, US
[72] MISHRA, MANOJ K., US
[72] RANGARAMANUJAM, KANNAN, US
[72] TYLER, BETTY M., US
[72] ZHANG, FAN, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-02-08
[86] 2015-08-13 (PCT/US2015/045104)
[87] (WO2016/025741)
[30] US (62/036,675) 2014-08-13
[30] US (62/036,839) 2014-08-13
[30] US (62/059,240) 2014-10-03

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[25] EN
[54] **CASTING WITH METAL COMPONENTS AND METAL SKIN LAYERS**
[54] **FONTE DE COMPOSANTES METALLIQUES ET DE COUCHES PELLICULAIRES METALLIQUES**
[72] BUNKER, RONALD SCOTT, US
[72] KONITZER, DOUGLAS GERARD, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2958128)
[87] (2958128)
[22] 2017-02-16
[30] US (15/056,545) 2016-02-29

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[51] **Int.Cl. A01F 15/08 (2006.01) B30B 9/30 (2006.01)**
[25] EN
[54] **BALER WITH AUTOMATED EJECTION OF BALES**
[54] **PRESSE A BALLES AVEC EJECTION AUTOMATISEE DES BALLES**
[72] RETZLAFF, LAWRENCE, US
[72] WAGGONER, ROBERT, US
[73] AGCO CORPORATION, US
[85] 2017-02-17
[86] 2015-09-03 (PCT/US2015/048228)
[87] (WO2016/036905)
[30] US (62/045,291) 2014-09-03

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[13] C
[51] **Int.Cl. F02N 11/12 (2006.01) H02J 7/00 (2006.01) H02J 15/00 (2006.01) H02M 3/04 (2006.01)**
[25] EN
[54] **PORTABLE POWER TOOL CAPACITOR JUMP START SYSTEM**
[54] **SYSTEME DE DEMARRAGE RAPIDE DE CONDENSATEUR D'OUTIL ELECTRIQUE PORTATIF**
[72] INSKEEP, MATHEW, US
[72] SHUM, LING TO, US
[73] VECTOR PRODUCTS, INC., US
[86] (2958952)
[87] (2958952)
[22] 2017-02-23
[30] US (62/298523) 2016-02-23

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[13] C
[51] **Int.Cl. G01S 17/04 (2020.01) G01S 17/10 (2020.01)**
[25] EN
[54] **DISCRETIZATION OF DETECTION ZONE**
[54] **DISCRETISATION DE ZONE DE DETECTION**
[72] HAMEL, PIER-OLIVIER, CA
[72] SIMARD-BILODEAU, VINCENT, CA
[72] POULIN, MICHAEL, CA
[72] OLIVIER, PIERRE, CA
[73] LEDDARTECH INC., CA
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[54] **ALKYLIDENE PHOSPHONATE ESTERS AS P-GLYCOPROTEIN INDUCERS**
[54] **ESTERS DE PHOSPHONATE D'ALKYLIDENE EN TANT QU'INDUCTEURS DE P-GLYCOPROTEINE**
[72] BHARATE, SANDIP, IN
[72] KUMAR, AJAY, IN
[72] MANDA, SUDHAKAR, IN
[72] JOSHI, PRASHANT, IN
[72] BHARATE, SONALI, IN
[72] WANI, ABUBAKAR, IN
[72] SHARMA, SADHANA, IN
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[54] **MEDIA ENABLED ADVERTISING SHOPPING CART SYSTEM**
[54] **SYSTEME DE CHARIOT A PUBLICITE MULTIMEDIA**
[72] BRICE, DAVID GEORGE, US
[72] CARPENTER, STEVE, US
[72] ANDERSON, SEAN, US
[72] GROSS, ED, US
[72] GIBBONS, JAMES E., JR., US
[73] MEDIA CART HOLDINGS, INC., US
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[54] **BROADBAND RED LIGHT GENERATOR FOR RBG DISPLAY**
[54] **GENERATEUR DE LUMIERE ROUGE A BANDE LARGE POUR AFFICHAGE RVB**
[72] LEONARDO, MANUEL, US
[72] SAMARTSEV, IGOR, US
[72] AVDOKHIN, ALEXEY, US
[72] KEATON, GREGORY, US
[72] VAUPEL, ANDREAS, US
[73] IPG PHOTONICS CORPORATION, US
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[25] EN
[54] **CRAB PROCESSING DEVICE AND CRAB PROCESSING METHOD**
[54] **APPAREIL DE TRAITEMENT DU CRABE ET METHODE DE TRAITEMENT DU CRABE**
[72] TOMODA, HIROSHI, JP
[72] ENDO, KIYONORI, JP
[73] TOMODA SELLING & SAILING CO., LTD., JP
[73] E-MECHANICAL CO., LTD., JP
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[54] **STRUCTURES A ENCORBELLEMENT D'UN FOUR A COKE ET PROCEDES DE FORMATION ASSOCIE**
[72] BOWSER, ALAN E., JR., US
[73] FOSBEL, INC., US
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[25] EN
[54] **FLUID-TIGHT MECHANICAL FASTENING SYSTEM AND ASSOCIATED STRUCTURAL ASSEMBLY**
[54] **SYSTEME DE FIXATION MECANIQUE ETANCHE ET ENSEMBLE STRUCTURAL ASSOCIE**
[72] WALKER, STEVEN P., US
[72] PLASS, CHRISTOPHER E., US
[72] KLEIN, MICHAEL K., US
[72] SALMI, JOHN V., US
[73] THE BOEING COMPANY, US
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[54] **CATHETER URINAIRE AYANT UNE POINTE SOUPLE**
[72] NYMAN, MARTIN, SE
[72] DAHLBERG, NIKLAS, SE
[73] DENTSPLY IH AB, SE
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[54] **PHARMACEUTICAL PREPARATION OF CAMPTOTHECIN-CONTAINING POLYMER DERIVATIVE**
[54] **PREPARATION PHARMACEUTIQUE A BASE D'UN DERIVE DE POLYMERE CONTENANT DE LA CAMPTOTHECINE**
[72] FUJITA, SHINYA, JP
[72] AOKI, SHIN, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2017-05-29
[86] 2015-10-16 (PCT/JP2015/079314)
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[25] EN
[54] **GEMINAL ZWITTERIONIC LIQUIDS, SULFOBETAINE- AND HYDROXISULTAINE-BASE, PROCESS OF OBTAINING AND USING AS WETTABILITY MODIFIER WITH CORROSION INHIBITORY PROPERTIES**
[54] **LIQUIDES ZWITTERIONIQUES GEMINAUX, PROCEDE D'OBTENTION ET UTILISATION EN TANT QUE MODIFICATEURS DE LA MOUILLABILITE PRESENTANT DES PROPRIETES ANTI-CORROSION**
[72] HERNANDEZ ALTAMIRANO, RAUL, MX
[72] MENA CERVANTES, VIOLETA YASMIN, MX
[72] ZAMUDIO RIVERA, LUIS SILVESTRE, MX
[72] FLORES SANDOVAL, CESAR ANDRES, MX
[72] RAMIREZ ESTRADA, ALEJANDRO, MX
[72] CISNEROS DEVORA, RODOLFO, MX
[72] MARTINEZ MAGADAN, JOSE MANUEL, MX
[72] OVIEDO ROA, RAUL, MX
[72] RAMIREZ PEREZ, JORGE FRANCISCO, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[85] 2017-06-08
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[25] EN
[54] **PIPELINE PIG WITH HYDRAULICALLY BALANCED COLLAPSIBLE SEALING ELEMENTS**
[54] **RACLEUR DE CONDUITE POURVU D'ELEMENTS D'ETANCHEITE REPLIABLES EQUILIBRES HYDRAULIQUEMENT**
[72] HAILEY, JEFFREY C., US
[73] TDW DELAWARE, INC., US
[85] 2017-06-19
[86] 2016-04-08 (PCT/US2016/026700)
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[25] EN
[54] **CONTAINER CARRIER WITH FLEXIBLE FLANGE**
[54] **PORTE-CONTENEUR A BRIDE SOUPLE**
[72] BORG, ZAKARY JAMES, US
[72] MELLOR, RONALD LEE, JR., US
[73] OREGON PRECISION INDUSTRIES, INC. DBA PAKTECH, US
[86] (2972081)
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[54] **RATCHET WRENCH WITH A FINE SOCKET-INDEXING MECHANISM**
[54] **CLE A CLIQUET AVEC MECANISME D'INDEXAGE FIN DE LA DOUILLE**
[72] OTTERSON, RANDY, CA
[73] OTTERSON, RANDY, CA
[85] 2017-07-12
[86] 2015-12-31 (PCT/CA2015/000609)
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[25] EN
[54] **VIDEO TRANSMISSION BASED ON INDEPENDENTLY ENCODED BACKGROUND UPDATES**
[54] **EMISSION VIDEO BASEE SUR DES MISES A JOUR D'ARRIERE-PLAN CODEES INDEPENDAMMENT**
[72] KORNELIUSSEN, JAN TORE, NO
[72] EIKENES, ANDERS, NO
[72] ALSTAD, HAVARD PEDERSEN, NO
[72] ERIKSEN, STEIN OVE, NO
[72] SHAW, EAMONN, NO
[73] HUDDLY INC., US
[85] 2017-07-17
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[25] EN
[54] **AIRFOIL BLADE AND METHOD OF ASSEMBLY**
[54] **PALE A PROFIL AERODYNAMIQUE ET PROCEDE D'ASSEMBLAGE**
[72] MONAHAN, JIM, US
[72] BANNISH, JOHN, US
[73] MESTEK, INC., US
[85] 2017-07-21
[86] 2016-01-19 (PCT/US2016/013897)
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[25] EN
[54] **LUMINAIRES WITH TRANSITION ZONES FOR GLARE CONTROL**
[54] **LUMINAIRES DOTES DE ZONES DE TRANSITION SERVANT A CONTROLER L'EBLOUISSEMENT**
[72] TYUKHOVA, YULIA, US
[72] GIBSON, JON ERIC, US
[72] HARVEY, JOHN BRYAN, US
[72] CHEN, JIE, US
[72] MARQUARDT, CRAIG EUGENE, US
[72] SEKOWSKI, DANIEL VINCENT, US
[73] ABL IP HOLDING LLC, US
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[25] EN
[54] **PRE-COOKED INSTANT FOOD PRODUCT AND PROCESS FOR PREPARING IT**
[54] **PRODUIT ALIMENTAIRE INSTANTANE PRECUIT ET SON PROCEDE DE PREPARATION**
[72] LEUNG, JIM HON JHL, CA
[73] ZUN YANG ENTERPRISES LTD., CA
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[25] EN
[54] **PRIMING SYSTEM AND METHOD FOR DIALYSIS SYSTEMS**
[54] **SYSTEME ET PROCEDE D'AMORCAGE POUR SYSTEMES DE DIALYSE**
[72] FULKERSON, BARRY N., US
[72] HERING, MARTIN, US
[72] ISAKSON, FRANK, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[25] EN
[54] **SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD, RECORDING MEDIUM, TARGET DETECTION DEVICE, AND TARGET DETECTION METHOD**
[54] **DISPOSITIF DE TRAITEMENT DU SIGNAL, METHODE DE TRAITEMENT DU SIGNAL, SUPPORT D'ENREGISTREMENT, DISPOSITIF DE DETECTION DE CIBLE ET METHODE DE DETECTION DE CIBLE**
[72] SHIBA, HISASHI, JP
[73] NEC CORPORATION, JP
[85] 2017-08-18
[86] 2016-02-18 (PCT/JP2016/000878)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING CHANNEL GROUPS IN AN INTERACTIVE MEDIA GUIDANCE APPLICATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'OBTENIR DES GROUPES DE CHAINES DANS UNE APPLICATION DE GUIDAGE MULTIMEDIA INTERACTIVE**
[72] ELLIS, MICHAEL D., US
[73] ROVI GUIDES, INC., US
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[54] **MODEL GENERATION FOR REAL-TIME RATE OF PENETRATION PREDICTION**
[54] **GENERATION DE MODELES POUR PREDICTION EN TEMPS REEL DE TAUX DE PENETRATION**
[72] DURSUN, SERKAN, US
[72] TRAN, NHON AI T., US
[72] TOTI, GIULIA, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-08-25
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[54] **MODULATING DOWNHOLE REFLECTOR**
[54] **REFLECTEUR DE FOND DE TROU MODULATEUR**
[72] TILGHMAN, STEPHEN E., US
[72] AKANBI, OLADEJI B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUSES AND METHODS FOR DISRUPTING AND PREVENTING SNORE**
[54] **APPAREILS ET PROCEDES PERMETTANT D'INTERROMPRE ET DE PREVENIR LE RONFLEMENT**
[72] HARIRI, ALIASGHAR, CA
[72] HARIRI, SAHAR, CA
[73] HARIRI, ALIASGHAR, CA
[73] HARIRI, SAHAR, CA
[85] 2017-09-14
[86] 2016-03-11 (PCT/CA2016/000066)
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[30] CA (PCT/CA2015/050630) 2015-07-07
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[25] EN
[54] **USE OF COMPOUNDS THAT REDUCE ACTIVITY OR EXPRESSION OF PROGRAMMED CELL DEATH-1 TO TREAT LYMPHOMA**
[54] **UTILISATION DE COMPOSES QUI REDUISENT L'ACTIVITE OU L'EXPRESSION DE LA MORT CELLULAIRE PROGRAMMEE 1 POUR LE TRAITEMENT DES LYMPHOMES**
[72] FREEMAN, GORDON, US
[72] SHARPE, ARLENE, US
[72] DORFMAN, DAVID M., US
[72] AHMED, RAFI, US
[72] BARBER, DANIEL, US
[72] WHERRY, E. JOHN, US
[73] DANA-FARBER CANCER INSTITUTE INC., US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[73] EMORY UNIVERSITY, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[25] EN
[54] **VEHICLE FOR DEPOSITION OF EXPLOSIVES IN BLAST HOLES AND METHOD OF USE**
[54] **VEHICULE SERVANT A DEPOSER DES EXPLOSIFS DANS LES TROUS DE MINE ET METHODE D'UTILISATION**
[72] SANTOS, REGINALDO DE ANDRADE, BR
[72] BALBINO, EMERSON SENA, BR
[72] VIEIRA, ANDRE LUIZ DA COSTA, BR
[72] CARLOS, MARCELO RIBEIRO, BR
[72] VAN MELIS, LUCAS SALES, BR
[72] ASSIS, ADRIANO NOGUEIRA DE, BR
[73] VALE S.A., BR
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[87] (2982284)
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[25] EN
[54] **DELIVERY OF SURFACTANT SOLUBLE ANTI-DANDRUFF AGENT**
[54] **ADMINISTRATION D'AGENT ANTIPELLICULAIRE SOLUBLE DE TENSIOACTIF**
[72] CHANG, DEBORA W., US
[72] JOHNSON, ERIC SCOTT, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] THOMPSON, TODD RYAN, US
[72] EDWARDS, ALLISON LYNN, US
[72] CARTER, MICHELLE LYNN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-11
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[30] US (62/151,702) 2015-04-23

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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING IMPLEMENT-BASED SPEED CONTROL FOR A WORK VEHICLE**
[54] **SYSTEME ET METHODE DE FOURNITURE DE COMMANDE DE VITESSE FONDEE SUR UN ACCESSOIRE DESTINES A UN VEHICULE DE TRAVAIL**
[72] CZAPKA, JASON T., US
[72] MCKEE, KEVIN D., US
[72] SMITH, KEVIN M., US
[72] LONGUA, ROBERT J., US
[72] WENDTE, KEITH W., US
[72] PRICKEL, MARVIN A., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2982727)
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[22] 2017-10-17
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[51] **Int.Cl. A61F 2/12 (2006.01)**
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[54] **ABSORBABLE IMPLANTS FOR PLASTIC SURGERY**
[54] **IMPLANTS RESORBABLES DE CHIRURGIE PLASTIQUE**
[72] LIMEM, SKANDER, US
[72] STIRES, EMILY, US
[72] HOLMES, REBECCA, US
[72] RIZK, SAID, US
[72] MOSES, ARIKHA, US
[72] FELIX, FABIO, US
[72] VAN NATTA, BRUCE, US
[73] TEPHA, INC., US
[85] 2017-10-20
[86] 2016-04-19 (PCT/US2016/028264)
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[30] US (14/694,681) 2015-04-23

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[51] **Int.Cl. G06F 3/0487 (2013.01)**
[25] EN
[54] **PRESSURE SENSITIVE PERIPHERAL DEVICES, AND ASSOCIATED METHODS OF USE**
[54] **DISPOSITIFS PERIPHERIQUES SENSIBLES A LA PRESSION, ET PROCEDES ASSOCIES D'UTILISATION**
[72] YANEV, KOSTADIN DIMITROV, US
[72] YANEV, IVO KOSTADINOV, BG
[72] KALAYDJIYSKI, LUDMIL BORISSOV, GB
[73] ACTIVBODY, INC., US
[85] 2017-10-19
[86] 2015-04-21 (PCT/US2015/026877)
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[30] US (14/257,868) 2014-04-21

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[51] **Int.Cl. C12N 9/22 (2006.01)**
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[54] **NUCLEASE-MEDIATED GENOME EDITING**
[54] **EDITION DU GENOME MEDIEE PAR UNE NUCLEASE**
[72] VAN DER OOST, JOHN, NL
[73] WAGENINGEN UNIVERSITEIT, NL
[85] 2017-10-20
[86] 2016-04-15 (PCT/EP2016/058442)
[87] (WO2016/166340)
[30] GB (1506509.7) 2015-04-16
[30] US (62/269,143) 2015-12-18
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[51] **Int.Cl. A63F 13/52 (2014.01) A63F 13/5258 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RENDERING VIDEO GAME IMAGES**
[54] **METHODE ET SYSTEME DE RENDU D'IMAGES DE JEU VIDEO**
[72] RATELLE, KEVIN, CA
[72] JOANIS, FREDERIC, CA
[73] SQUARE ENIX LIMITED, GB
[86] (2984295)
[87] (2984295)
[22] 2017-10-30
[30] US (15/694,574) 2017-09-01

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[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING CALLER IDENTITY VERIFICATION USING MULTI-STEP VOICE ANALYSIS**
[54] **SYSTEME ET METHODE D'EXECUTION DE LA VERIFICATION D'IDENTITE DE L'APPELANT AU MOYEN D'UNE ANALYSE VOCALE ITERATIVE**
[72] ODINAK, GILAD, US
[72] CARMIEL, YISHAY, US
[73] INTELLISIST, INC., US
[86] (2984787)
[87] (2984787)
[22] 2017-11-06
[30] US (62/417,967) 2016-11-04
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[25] EN
[54] **TAG LAYOUT FOR INDUSTRIAL VEHICLE OPERATION**
[54] **DISPOSITION D'ETIQUETTES POUR EXPLOITATION DE VEHICULES INDUSTRIELS**
[72] WALTON, DANIEL D., US
[72] SHERMAN, NICHOLAS J., US
[73] CROWN EQUIPMENT CORPORATION, US
[85] 2017-11-01
[86] 2016-05-06 (PCT/US2016/031293)
[87] (WO2016/179532)
[30] US (62/157,860) 2015-05-06
[30] US (62/157,863) 2015-05-06

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[25] EN
[54] **METHODS OF TREATING CANCER PATIENTS WITH FARNESYLTRANSFERASE INHIBITORS**
[54] **METHODES DE TRAITEMENT DE PATIENTS ATTEINTS DU CANCER AVEC DES INHIBITEURS DE FARNESYLTRANSFERASE**
[72] GUALBERTO, ANTONIO, US
[72] SCHOLZ, CATHERINE ROSE, US
[73] KURA ONCOLOGY, INC., US
[85] 2017-11-03
[86] 2016-08-16 (PCT/US2016/047140)
[87] (WO2017/031101)
[30] US (62/206,194) 2015-08-17
[30] US (62/218,927) 2015-09-15
[30] US (62/241,019) 2015-10-13
[30] US (62/310,582) 2016-03-18
[30] US (62/372,662) 2016-08-09

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[13] C
[51] **Int.Cl. G01J 3/457 (2006.01) G01N 21/3504 (2014.01) G01N 21/19 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING GAS LEAKS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE FUITES DE GAZ**
[72] JONES, BRIAN BUTLER, US
[72] DEIKER, STEVEN WILLIAM, US
[73] KAIROS AEROSPACE INC., US
[85] 2017-11-08
[86] 2015-05-08 (PCT/US2015/029943)
[87] (WO2015/172056)
[30] US (61/991,012) 2014-05-09

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[51] **Int.Cl. A61K 9/28 (2006.01) A61K 31/155 (2006.01) A61K 31/403 (2006.01)**
[25] EN
[54] **BILAYER TABLET FORMULATIONS**
[54] **FORMULATIONS DE COMPRIME BICOUCHE**
[72] ABEBE, ADMASSU, US
[72] MARTIN, KYLE, US
[72] PATEL, JATIN M., US
[72] DESAI, DIVYAKANT, US
[72] TIMMINS, PETER, US
[73] ASTRAZENECA UK LIMITED, GB
[73] ASTRAZENECA AB, SE
[86] (2987757)
[87] (2987757)
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[25] EN
[54] **REMOTE LOCKING SYSTEM ARCHITECTURE AND USER INTERFACE**
[54] **ARCHITECTURE DE SYSTEME DE VERROUILLAGE A DISTANCE ET INTERFACE UTILISATEUR**
[72] SHARP, WILLIAM T., US
[72] DOERFLINGER, DAVID, US
[72] EGGERT, DANIEL, US
[73] SNAP-ON INCORPORATED, US
[86] (2988511)
[87] (2988511)
[22] 2017-12-11
[30] US (15/393,878) 2016-12-29

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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 16-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AVANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 16 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2988856)
[87] (2988856)
[22] 2015-05-21
[62] 2,892,106
[30] KR (10-2015-0012876) 2015-01-27

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[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2989114)
[87] (2989114)
[22] 2008-12-05
[62] 2,708,322
[30] JP (2007-315267) 2007-12-05

[11] **2,989,139**
[13] C
[51] **Int.Cl. C07K 14/415 (2006.01) A01H 5/00 (2018.01) C07K 7/06 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2989139)
[87] (2989139)
[22] 2008-12-05
[62] 2,708,322
[30] JP (2007-315267) 2007-12-05

[11] **2,989,183**
[13] C
[51] **Int.Cl. C07K 14/415 (2006.01) A01H 5/00 (2018.01) C07K 7/06 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2989183)
[87] (2989183)
[22] 2008-12-05
[62] 2,708,322
[30] JP (2007-315267) 2007-12-05

[11] **2,989,235**
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[51] **Int.Cl. C07K 14/415 (2006.01) C07K 7/06 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2989235)
[87] (2989235)
[22] 2008-12-05
[62] 2,708,322
[30] JP (2007-315267) 2007-12-05

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[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) G01R 31/08 (2020.01)**
[25] EN
[54] **EARLY WARNING METHOD AND SYSTEM FOR FAILURE IN CONVERTER VALVE**
[54] **METHODE D'ALERTE ET SYSTEME DE DEFAILLANCE DANS UNE VALVE DE CONVERSION**
[72] GAO, SHENGFU, CN
[72] FANG, TAIXUN, CN
[72] WANG, YONGPING, CN
[72] ZHANG, XIANG, CN
[72] PAN, WEIMING, CN
[72] YUAN, MING, CN
[72] ZHOU, GUQING, CN
[73] NR ELECTRIC CO., LTD, CN
[73] NR ENGINEERING CO., LTD, CN
[85] 2017-12-14
[86] 2017-03-01 (PCT/CN2017/075367)
[87] (WO2017/148396)
[30] CN (201610123470.6) 2016-03-03

[11] **2,990,084**
[13] C
[51] **Int.Cl. C07D 209/12 (2006.01) A61K 31/381 (2006.01) A61K 31/4355 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 307/80 (2006.01) C07D 307/81 (2006.01) C07D 333/56 (2006.01) C07D 403/12 (2006.01) C07D 405/04 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **BICYCLIC DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DERIVES BICYCLIQUES, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES**
[72] BALINT, BALAZS, HU
[72] CSEKEI, MARTON, HU
[72] SZABO, ZOLTAN, HU
[72] SZLAVIK, ZOLTAN, HU
[72] KOTSCHY, ANDRAS, HU
[72] CHANRION, MAIA, FR
[72] GENESTE, OLIVIER, FR
[72] CHEN, I-JEN, GB
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] SIPOS, SZABOLCS, HU
[72] ONDI, LEVENTE, HU
[72] PROSZENYAK, AGNES, HU
[73] LES LABORATOIRES SERVIER, FR
[73] VERNALIS (R&D) LIMITED, GB
[85] 2017-12-19
[86] 2016-06-22 (PCT/EP2016/064418)
[87] (WO2016/207217)
[30] FR (1555750) 2015-06-23

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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **HYDROXYESTER DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DERIVES D'HYDROXYESTER, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES**
[72] SZLAVIK, ZOLTAN, HU
[72] KOTSCHY, ANDRAS, HU
[72] CHANRION, MAIA, FR
[72] DEMARLES, DIDIER, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] SIPOS, SZABOLCS, HU
[72] PACZAL, ATTILA, HU
[72] BALINT, BALAZS, HU
[73] VERNALIS (R&D) LIMITED, GB
[73] LES LABORATOIRES SERVIER, FR
[85] 2017-12-19
[86] 2016-06-22 (PCT/EP2016/064433)
[87] (WO2016/207225)
[30] FR (1555752) 2015-06-23

[11] **2,990,431**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **UNIFIED DEVICE AND SERVICE DISCOVERY ACROSS MULTIPLE NETWORK TYPES**
[54] **DISPOSITIF UNIFIE ET DECOUVERTE DE SERVICE SUR PLUSIEURS TYPES DE RESEAU**
[72] GRISCO, GREGORY, US
[72] FRANCIS, STEVE, US
[72] BYLAHALLI, SHRIDAR, US
[73] SERVICENOW, INC., US
[86] (2990431)
[87] (2990431)
[22] 2017-12-29
[30] US (15/654,930) 2017-07-20
[30] IN (201711015994) 2017-05-05

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[13] C
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **FLOW CONTROL INSERT FOR AN AGRICULTURAL METERING SYSTEM**
[54] **INSERTION DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2991849)
[87] (2991849)
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[13] C
[51] **Int.Cl. H03K 17/62 (2006.01) H03F 3/45 (2006.01) H04L 27/36 (2006.01)**
[25] EN
[54] **ANALOG MULTIPLEXER CORE CIRCUIT AND ANALOG MULTIPLEXER CIRCUIT**
[54] **CIRCUIT CENTRAL DE MULTIPLEXEUR ANALOGIQUE ET CIRCUIT DE MULTIPLEXEUR ANALOGIQUE**
[72] NAGATANI, MUNEHIKO, JP
[72] NOSAKA, HIDEYUKI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2018-01-09
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[30] JP (2015-145430) 2015-07-23

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[13] C
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **ELECTRONIC-CERTIFICATE EXTENSION PERIOD METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE PERIODE D'EXTENSION DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[73] 10353744 CANADA LTD., CA
[85] 2018-01-22
[86] 2015-07-21 (PCT/CN2015/084581)
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[51] **Int.Cl. B65G 49/00 (2006.01) B01F 15/02 (2006.01) B65G 53/04 (2006.01) E21B 41/00 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **METHODS OF PNEUMATICALLY CONVEYING SOLID PARTICULATES**
[54] **PROCEDES DE TRANSPORT PNEUMATIQUE DE PARTICULES SOLIDES**
[72] BOUGUETTA, CHEMSSEDDINE, US
[72] MATLOCK, ROGER WAYNE, US
[72] CONN, HENRY LEE, US
[72] BAILEY, ROBERT, US
[72] FRIEDHEIM, JAMES, US
[73] M-I L.L.C., US
[85] 2018-01-22
[86] 2016-07-29 (PCT/US2016/044715)
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[30] US (62/198,538) 2015-07-29

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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR RECEIVING CERTIFICATE**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE RECEPTION DE CERTIFICAT**
[72] ZHANG, YI, CN
[73] 10353744 CANADA LTD., CA
[85] 2018-01-31
[86] 2015-07-21 (PCT/CN2015/084645)
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[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **VIRTUALIZING GRAPHICS PROCESSING IN A PROVIDER NETWORK**
[54] **VIRTUALISATION DE TRAITEMENT GRAPHIQUE DANS UN RESEAU DE FOURNISSEUR**
[72] WILT, NICHOLAS PATRICK, US
[72] TAMBE, ASHUTOSH, US
[72] BURNS, NATHAN LEE, US
[72] BSHARA, NAFEA, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2018-02-02
[86] 2016-08-10 (PCT/US2016/046339)
[87] (WO2017/027584)
[30] US (14/822,511) 2015-08-10

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[51] **Int.Cl. A47K 17/00 (2006.01) A47G 29/00 (2006.01) A47K 3/00 (2006.01)**
[25] EN
[54] **BATHING AREA ACCESSORIES**
[54] **ACCESSOIRES POUR ESPACE DE BAIN**
[72] COHEN, BEN, US
[72] KNOWLES, GRETA, US
[72] LILLY, ERIN, US
[72] LILLY, THOMAS, US
[72] MCDONALD, ALAN, US
[72] TEMPAS, JEFF, US
[72] ZIMBRIC, LUKE, US
[73] KOHLER CO., US
[86] (2995608)
[87] (2995608)
[22] 2015-06-19
[62] 2,895,002
[30] US (62/015,214) 2014-06-20

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[13] C
[51] **Int.Cl. H01H 23/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING DEVICE-SPECIFIC INFORMATION FOR A SMART DEVICE**
[54] **SYSTEME ET PROCEDE POUR DISPOSITIF INTELLIGENT, DESTINE A L'AFFICHAGE D'INFORMATIONS SPECIFIQUES AU DISPOSITIF**
[72] DAIGLE, MICHAEL, US
[72] GALLANT, BRIAN, US
[72] MONTEITH, SHAWN, US
[72] TRACY, HILLARY, US
[72] TETREAULT, MICHAEL, US
[73] IDEVICES, LLC, US
[85] 2018-02-22
[86] 2016-09-01 (PCT/US2016/049931)
[87] (WO2017/040800)
[30] US (62/212,842) 2015-09-01
[30] US (62/377,824) 2016-08-22

[11] **2,996,500**
[13] C
[51] **Int.Cl. G01C 21/20 (2006.01) B61L 25/00 (2006.01) G01C 22/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A LOCATION OF A VEHICLE RELATIVE TO A STOPPING POINT**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UN EMPLACEMENT D'UN VEHICULE PAR RAPPORT A UN POINT D'ARRET**
[72] IQBAL, FAHD, US
[72] MWAKIBINGA, THOMAS, US
[72] PANNIER, TORSTEN, US
[72] SCHERLING, TORSTEN, DE
[73] SIEMENS MOBILITY, INC., US
[85] 2018-02-23
[86] 2016-07-25 (PCT/US2016/043808)
[87] (WO2017/034721)
[30] US (14/834,973) 2015-08-25

[11] **2,996,863**
[13] C
[51] **Int.Cl. B01L 3/00 (2006.01) A61B 5/145 (2006.01) B01D 27/14 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **DEPTH FILTRATION DEVICE FOR SEPARATING SPECIMEN PHASES**
[54] **DISPOSITIF DE FILTRATION EN PROFONDEUR POUR LA SEPARATION DE PHASES D'ECHANTILLON**
[72] BOKKA SRINIVASA RAO, KISHORE K., US
[72] MARCHIARULLO, DANIEL J., US
[72] IVOSEVIC, MILAN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049685)
[87] (WO2017/040650)
[30] US (62/212,797) 2015-09-01

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[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 43/00 (2006.01) E21B 43/16 (2006.01) G05B 17/02 (2006.01) G06F 9/455 (2018.01)**
[25] EN
[54] **BIG DATA POINT AND VECTOR MODEL**
[54] **MODELE EN POINTS ET VECTEURS POUR MEGADONNEES**
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] YARUS, JEFFREY MARC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-27
[86] 2015-11-03 (PCT/US2015/058748)
[87] (WO2017/058267)
[30] US (PCT/US15/052949) 2015-09-29

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[13] C
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[54] **COMPOSE PHOSPHORAMIDATE, PROCEDE DE PREPARATION ET CRISTAL ASSOCIE**
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[72] HUANG, YANGQING, CN
[72] MIAO, LINFENG, CN
[72] GU, JIANING, CN
[72] LIANG, CHAOHUA, CN
[72] WANG, ZHENGYE, CN
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[54] **DISPOSITIF D'ENLEVEMENT DE PANNEAU SANS RAYURES**
[72] SCHULZ, BEN T., US
[73] SNAP-ON INCORPORATED, US
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[54] **CLOUD RESOURCE PROVISIONING USING BLUEPRINT CHAINING**
[54] **FOURNITURE DE RESSOURCE NUAGIQUE EMPLOYANT LA MISE EN CHAINE DE DOCUMENT PROVISOIRE**
[72] PADMANABH, GIRI, US
[72] MADHAVAN, ASHOK, US
[73] SERVICENOW, INC., US
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[54] **GROUPEMENT AUTOMATIQUE D'APPLICATIONS ET DE DISPOSITIFS SIMILAIRES SUR UN PLAN DE RESEAU**
[72] ROSH, HAVIV, US
[72] TILIKIN, ALEXEI, US
[73] SERVICENOW, INC., US
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[54] **EXTERNAL FUNCTIONAL MEANS, BLOOD TREATMENT APPARATUS FOR ACCOMMODATING SUCH EXTERNAL FUNCTIONAL MEANS, AND METHOD**
[54] **MECANISME FONCTIONNEL EXTERNE, APPAREIL DE TRAITEMENT DU SANG SERVANT A ACCOMMODER UN TEL MECANISME EXTERNE, ET METHODE**
[72] GRONAU, SOREN, DE
[72] GUNTHER, GOTZ, DE
[72] HACKER, JURGEN, DE
[72] LAUER, MARTIN, DE
[72] MANKE, JOACHIM, DE
[72] NICOLIC, DEJAN, DE
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[54] **EPANDEUR**
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[72] GAMBLE, ROBERT N., II, US
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[72] BROWNING, ROBERT N. K., US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[72] FULKERSON, BARRY NEIL, US
[72] BRAIG, JAMES ROSWELL, US
[72] MISHELEVICH, DAVID J., US
[72] CLEMENS, CHARLES, US
[72] FOSTER, CLARK BERG, US
[72] GHIDOLI, DANIELE, US
[72] GURA, VICTOR, US
[72] HERING, MARTIN, US
[72] ISACKSON, FRANK, US
[72] JOSEPH, RUSSELL THOMAS, US
[72] ROBINSON, THOMAS, US
[72] SMITH, MARK FORREST, US
[72] TRCKA, MILAN, US
[72] ZWIERSTRA, JAN BRIAN, US
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[54] **APPAREIL DE DEPLACEMENT DE TARIERE DIRIGE MANUELLEMENT**
[72] PEUTERT, CHANCE, CA
[72] CARTERI, JONATHAN ROBERT, CA
[73] BRANDT INDUSTRIES CANADA LTD., CA
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[54] **RAILROAD TRACK POWERED MEASUREMENT DEVICE AND RAILROAD MEASUREMENT SYSTEM**
[54] **APPAREIL DE MESURE ELECTRIQUE DE VOIE DE CHEMIN DE FER ET SYSTEME DE MESURE DE CHEMIN DE FER**
[72] HOGAN, BRIAN JOSEPH, US
[73] SIEMENS MOBILITY, INC., US
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[54] **SYSTEME DE GESTION D'ENGIN DE TRAVAUX, SYSTEME DE COMMANDE D'ENGIN DE TRAVAUX, ET ENGIN DE TRAVAUX**
[72] OGIHARA, MASANORI, JP
[72] TAKEDA, KOJI, JP
[72] OZAKI, TOMONORI, JP
[72] NISHIJIMA, AKIHARU, JP
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[54] **TOLE METALLIQUE AYANT DES TUBES CREUX PRIS EN SANDWICH DANS CELLE-CI ET SON UTILISATION**
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[54] **INACTIVATION DE VIRUS PAR DELIPIDATION**
[72] DIAZ, LEYLA, US
[72] WU, STEPHEN, US
[73] ELANCO US INC., US
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[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] GANSLER, MICHAEL THOMAS, US
[72] HON, ROBERT CHARLES, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **LOW-YIELD RATIO AND HIGH-STRENGTH STEEL HAVING EXCELLENT STRESS CORROSION CRACKING RESISTANCE AND LOW TEMPERATURE TOUGHNESS**
[54] **ACIER A HAUTE RESISTANCE ET A FAIBLE TAUX D'ELASTICITE PRESENTANT UNE EXCELLENTE RESISTANCE A LA FISSURATION PAR CORROSION SOUS CONTRAINTE ET UNE EXCELLENTE TENACITE A BASSE TEMPE RATURE**
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[54] **HAND CARRYABLE SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE TRANSPORTABLE A LA MAIN**
[72] BROWN, ANDRE D., US
[72] CONRAD, WAYNE, CA
[72] CONRAD, NINA, CA
[72] COTTRELL, LEE M., US
[72] PETERSEN, DAVE, CA
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[54] **CORPS DE VANNE DESTINE A DES POMPES DE FRACTURATION**
[72] YEUNG, TONY, US
[73] BJ ENERGY SOLUTIONS, LLC, US
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[54] **APPAREIL A PRESSION NEGATIVE CONTROLEE ET MECANISME D'ALARME**
[72] HU, DEAN, US
[72] YORKEY, THOMAS, US
[72] ANDERSON, EVAN, US
[72] WU, KENNETH, US
[72] COXUM, ANTHONY, US
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[54] **CENTRE DE DONNEES MODULAIRE A HAUTE DENSITE ET A ECONOMIE D'ESPACE ET SYSTEME DE REFROIDISSEMENT EFFICACE EN ENERGIE**
[72] COSTAKIS, JOHN, US
[72] KEISLING, EARL, US
[72] MCDONNELL, GERALD, US
[73] INERTECH IP LLC, US
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[54] **COMPOSE HETEROCYCLIQUE CONDENSE PRESENTANT DES HETEROCYCLES LIES ET SES SELS, INSECTICIDE AGRICOLE/HORTICOLE CONTENANT LEDIT COMPOSE, ET PROCEDE D'UTILISATION DUDIT INSECTICIDE**
[72] YAMAUCHI, CHIAKI, JP
[72] YONEMURA, IKKI, JP
[72] SUWA, AKIYUKI, JP
[72] FUJIE, SHUNPEI, JP
[73] NIHON NOHYAKU CO., LTD., JP
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[54] **METHODES DESTINEES A DES OPERATIONS DE FORAGE DE PUITS**
[72] STEEN, MATT, CA
[72] CAIRNS, JOHN, CA
[72] EPP, BAILEY, CA
[73] STEP ENERGY SERVICES LTD., CA
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[54] **UTILISATION DE NANOPARTICULES POUR TRAITER DES SURFACES DE FRACTURE**
[72] NGUYEN, PHILIP D., US
[72] OGLE, JAMES WILLIAM, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] KHAMATNUROVA, TATYANA V., US
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[54] **FREEZE CONCENTRATION OF ROOT- OR TUBER JUICE**
[54] **CONCENTRATION DE JUS DE RACINE OU DE TUBERCULE PAR CONGELATION**
[72] GIUSEPPIN, MARCO LUIGI FEDERICO, NL
[72] IANNACONE, STEFANO, NL
[72] KOOPMANS, WYBREN, NL
[72] SPELBRINK, ROBIN ERIC JACOBUS, NL
[72] BERGHOUT, JACQUELINE ALIDA MARIA, NL
[73] COOPERATIE AVEBE U.A., NL
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[54] **CONTAINERIZED SYSTEM FOR MIXING DRY ADDITIVES WITH BULK MATERIAL**
[54] **SYSTEME CONTENEURISE POUR MELANGER DES ADDITIFS SECS A UN MATERIAU EN VRAC**
[72] LUCAS, BRYAN CHAPMAN, US
[72] WARREN, WESLEY JOHN, US
[72] STEGEMOELLER, CALVIN L., US
[72] SCHAFFNER, AUSTIN CARL, US
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[54] **DECELLULARIZED HUMAN AMNIOTIC FLUID PREPARATION HAVING LONG-TERM STABILITY**
[54] **PREPARATION DE LIQUIDE AMNIOTIQUE HUMAIN DECELLULARISE PRESENTANT UNE STABILITE A LONG TERME**
[72] HARRELL, CARL RANDALL, US
[73] MAM HOLDINGS OF WEST FLORIDA, L.L.C., US
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[54] **VALORISATION PARTIELLE DU BITUME OU DE L'HUILE LOURDE PAR AQUATHERMOLYSE ASSISTEE PAR MICRO-ONDES**
[72] RIZVI, SYED K., CA
[73] SUNCOR ENERGY INC., CA
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[54] **ARTICLES EN COMPOSITE A MATRICE CERAMIQUE**
[72] SUBRAMANIAN, SURESH, US
[72] NOE, MARK EUGENE, US
[72] STEIBEL, JAMES DALE, US
[72] SHAPIRO, JASON DAVID, US
[72] REYNOLDS, BRANDON ALLANSON, US
[72] MONTGOMERY, KURTIS C., US
[72] WEAVER, JARED HOGG, US
[72] DUNN, DANIEL GENE, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **GEOLOCALISATION SUR UNE PLATEFORME UNIQUE AYANT DES PARTIES FLEXIBLES**
[72] YOON, ALBERT, US
[72] HO, PHUOC T., US
[72] TSUNODA, STANLEY I., US
[73] RAYTHEON COMPANY, US
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[54] **MANAGED ACCESS SYSTEM INCLUDING SURFACE WAVE ANTENNA AND RELATED METHODS**
[54] **SYSTEME D'ACCES GERE COMPRENANT UNE ANTENNE D'ONDE DE SURFACE ET METHODES ASSOCIEES**
[72] PARSCHE, FRANCIS E., US
[72] GALLAGHER, SHAWN H., US
[72] ZIARNO, JAMES J., US
[73] HARRIS CORPORATION, US
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[54] **CARILLON A ENREGISTREMENT ET COMMUNICATION AUDIO/VIDEO A FAIBLE CONSOMMATION D'ENERGIE**
[72] SIMINOFF, JAMES, US
[72] JEONG, CHANGSOO, US
[72] MODESTINE, JOHN, US
[72] PHILLIPS, TREVOR, US
[72] SMIMINOFF, MARK, US
[72] TSO, ROBERT, US
[72] WESTERMAN, STUART, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **SYSTEM AND METHOD FOR MANUFACTURING A FLEXIBLE INTERMEDIATE BULK CONTAINER**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'UN CONTENANT DE VRAC INTERMEDIAIRE SOUPLE**
[72] BERTRAND, LOUIS, CA
[72] BERTRAND, PAUL, CA
[73] TCI MANUFACTURING INC., CA
[85] 2018-09-14
[86] 2017-03-20 (PCT/CA2017/050352)
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[54] **EMBALLAGES-COQUES DE LENTILLES DE CONTACT ET PROCEDES CONNEXES**
[72] OAG, ROBERT, GB
[72] FIELDHOUSE, ADAM, IE
[73] COOPERVISION INTERNATIONAL LIMITED, GB
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[54] **NEOSAXITOXIN COMBINATION FORMULATIONS FOR PROLONGED LOCAL ANESTHESIA**
[54] **FORMULATIONS COMBINEES DE NEOSAXITOXINE POUR UNE ANESTHESIE LOCALE PROLONGEE**
[72] BERDE, CHARLES, US
[72] KOHANE, DANIEL S., US
[73] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
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[87] (3018668)
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[54] **ROOF INTEGRATED PHOTOVOLTAIC SYSTEM**
[54] **DISPOSITIF PHOTOVOLTAIQUE INTEGRE A LA TOITURE**
[72] RODRIGUES, TOMMY F., US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[87] (3021182)
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[25] EN
[54] **METHOD FOR PRODUCING A METALLIC COATED STEEL SHEET**
[54] **PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER METALLISEE**
[72] STAUDTE, JONAS, FR
[72] SAINT-RAYMOND, HUBERT, FR
[72] BORDIGNON, MICHEL ROGER LOUIS, BE
[72] HOURMAN, THIERRY, FR
[72] BRIAULT, PAULINE, FR
[73] ARCELORMITTAL, LU
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[54] **AUTOMATIC ROLL CHANGE FOR STRETCH WRAPPING MACHINE**
[54] **CHANGEMENT AUTOMATIQUE DE ROULEAU POUR MACHINE D'EMBALLAGE SOUS FILM ETIRABLE**
[72] JOHNSON, RICHARD L., US
[72] MARTIN, CURTIS W., US
[72] MCCRAY, JEREMY D., US
[73] LANTECH.COM, LLC, US
[85] 2018-10-29
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[25] EN
[54] **COUPLING HAVING TABBED RETAINER**
[54] **ACCOUPLEMENT A DISPOSITIF DE RETENUE A LANGUETTES**
[72] SITH, AHMAD, US
[72] BOWMAN, MATTHEW A., US
[72] MADARA, SCOTT D., US
[73] VICTAULIC COMPANY, US
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[54] **CLEANING COMPOSITIONS HAVING AN ENZYME SYSTEM**
[54] **COMPOSITIONS DE NETTOYAGE AYANT UN SYSTEME ENZYMATIQUE**
[72] LANT, NEIL JOSEPH, GB
[72] VASQUEZ VALDIVIESO, MONTSERRAT GUADALUPE, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-10-31
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[25] EN
[54] **COUPLING ELEMENT FOR AN ELECTRICAL SWITCHING DEVICE**
[54] **ELEMENT DE COUPLAGE POUR UN APPAREIL DE COMMUTATION ELECTRIQUE**
[72] BACHMAIER, GEORG, DE
[72] EBELSBERGER, GERIT, DE
[72] GERLICH, MATTHIAS, DE
[72] KOSSE, SYLVIO, DE
[72] ZOLS, WOLFGANG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **COUPLING ELEMENT FOR AN ELECTRICAL SWITCHING DEVICE HAVING A PULSE MASS ELEMENT**
[54] **ELEMENT DE COUPLAGE POUR UN APPAREIL DE COMMUTATION ELECTRIQUE COMPORTANT UN ELEMENT A MASSE D'IMPULSION**
[72] BACHMAIER, GEORG, DE
[72] EBELSBERGER, GERIT, DE
[72] GERLICH, MATTHIAS, DE
[72] KOSSE, SYLVIO, DE
[72] ZOLS, WOLFGANG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-11-09
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[25] EN
[54] **THIOPHENE, MANUFACTURING METHOD THEREOF, AND PHARMACEUTICAL APPLICATION OF SAME**
[54] **THIOPHENE, SON PROCEDE DE FABRICATION, ET APPLICATION PHARMACEUTIQUE CORRESPONDANTE**
[72] WANG, JIANFEI, CN
[72] ZHANG, YANG, CN
[72] ZHU, WENYUAN, CN
[72] CHEN, SHUHUI, CN
[73] MEDSHINE DISCOVERY INC., CN
[85] 2018-11-21
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[25] EN
[54] **NETWORK DEVICE AND CONTROLLING METHOD THEREOF APPLICABLE FOR MESH NETWORKS**
[54] **DISPOSITIF RESEAU ET METHODE DE CONTROLE ASSOCIEE APPLICABLE AUX RESEAUX MAILLES**
[72] HSIEH, TSUNG-HSIEN, CN
[72] LEE, CHIH-FANG, CN
[73] ARCADYAN TECHNOLOGY CORPORATION, CN
[86] (3025093)
[87] (3025093)
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[25] EN
[54] **LIGHTING DEVICE WHICH CAN BE USED FOR CAMPING AND LEISURE AND HAS VEHICLE SAFETY WARNING LIGHT AND FIRE DETECTION FUNCTIONS**
[54] **DISPOSITIF D'ECLAIRAGE POUVANT ETRE UTILISE POUR LE CAMPING ET LES LOISIRS ET ASSURANT DES FONCTIONS DE FEU DE DETRESSE DE SECURITE DE VEHICULE ET DE DETECTION D'INCENDIE**
[72] KIM, TAE YOUNG, KR
[72] KOO, DONG-CHOON, KR
[73] KIM, TAE YOUNG, KR
[85] 2018-11-28
[86] 2017-04-27 (PCT/KR2017/004511)
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[30] KR (10-2016-0067771) 2016-05-31

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[54] **ALIGNMENT SUB WITH DEFORMABLE SLEEVE**
[54] **RACCORD D'ALIGNEMENT A MANCHON DEFORMABLE**
[72] STOKES, MATTHEW BRADLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-11-29
[86] 2016-07-14 (PCT/US2016/042187)
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[51] **Int.Cl. A61J 1/20 (2006.01)**
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[54] **ADAPTER FOR TRANSFERRING A SUBSTANCE**
[54] **ADAPTATEUR POUR LE TRANSFERT D'UNE SUBSTANCE**
[72] HENNINGER, PETER, DE
[72] KEHR, MARKUS, DE
[73] SFM MEDICAL DEVICES GMBH, DE
[85] 2018-11-30
[86] 2017-05-03 (PCT/EP2017/060503)
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[25] EN
[54] **HOCKEY STICK TOOLBOX**
[54] **BOITE A OUTILS DE BATON DE HOCKEY**
[72] PARADIS, DANIEL, CA
[73] PARADIS, DANIEL, CA
[86] (3026299)
[87] (3026299)
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[25] EN
[54] **UTTROSIDE B AND DERIVATIVES THEREOF AS THERAPEUTICS FOR HEPATOCELLULAR CARCINOMA**
[54] **UTROSIDE B ET SES DERIVES UTILISES COMME AGENTS THERAPEUTIQUES POUR LE CARCINOME HEPATOCELLULAIRE**
[72] JOHN ANTO, RUBY, IN
[72] REGHU NATH, LEKSHMI, IN
[73] RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY, AN AUTONOMOUS INSTITUTE UNDER THE DEPARTMENT OF BIO-TECHNOLOGY, GOVERNMENT OF INDIA, IN
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[51] **Int.Cl. G06F 15/16 (2006.01) G06F 15/163 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EFFICIENT DISTRIBUTION OF STORED DATA OBJECTS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION EFFICACE D'OBJETS DE DONNEES STOCKES**
[72] MOORTHI, JAY, US
[72] JOSEPHSON, WILLIAM, US
[72] WILLIS, STEVEN R., US
[72] WESTBERG, THOMAS E., US
[72] THORPE, CHRISTOPHER A., US
[73] SOLANO LABS, INC., US
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[54] **ELECTRIC WATER PUMP**
[54] **POMPE A EAU ELECTRIQUE**
[72] WU, GUOYAO, CN
[72] ZHOU, XIAOKE, CN
[72] ZHOU, XINJIANG, CN
[72] ZHOU, FENGPING, CN
[72] CHEN, DONG, CN
[73] ZHEJIANG DONGXIN ITECHNOLOGY CO., LTD., CN
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[87] (3028723)
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[51] **Int.Cl. H03H 15/00 (2006.01)**
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[54] **DISCRETE TIME FILTER NETWORK**
[54] **RESEAU DE FILTRE TEMPOREL DISCRET**
[72] MADADI, IMAN, NL
[72] TOHIDIAN, MASSOUD, NL
[72] AHMADI MEHR, SEYED AMIR REZA, NL
[73] QUALINX B.V., NL
[85] 2019-01-03
[86] 2017-07-04 (PCT/NL2017/050441)
[87] (WO2018/009059)
[30] US (62/358,080) 2016-07-04
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[51] **Int.Cl. H04L 5/00 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **BROADCAST SIGNAL FRAME GENERATION DEVICE AND BROADCAST SIGNAL FRAME GENERATION METHOD, WHICH USE ENHANCED LAYER PHYSICAL LAYER PIPE**
[54] **DISPOSITIF DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION UTILISANT UN TUYAU DE COUCHE PHYSIQUE DE COUCHE AMELIOREE**
[72] LIM, BO-MI, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2019-01-04
[86] 2017-07-05 (PCT/KR2017/007161)
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[30] KR (10-2016-0085566) 2016-07-06
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[51] **Int.Cl. F04D 13/06 (2006.01) F04D 15/02 (2006.01) F04D 27/00 (2006.01) F04D 27/02 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF OPTIMIZED PUMP SPEED CONTROL TO REDUCE CAVITATION, PULSATION AND LOAD FLUCTUATION**
[54] **SYSTEMES ET PROCEDES DE REGULATION DE VITESSE DE POMPE OPTIMISEE POUR REDUIRE LA CAVITATION, LA PULSATION ET LA FLUCTUATION DE CHARGE**
[72] HEADRICK, DICKEY CHARLES, US
[72] BEISEL, JOE A., US
[72] WEIGHTMAN, GLENN HOWARD, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-01-07
[86] 2016-08-23 (PCT/US2016/048198)
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[51] **Int.Cl. E21B 17/10 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING WEAR RESISTANT DRILL PIPE FOR USE IN THE DOWN-HOLE ENVIRONMENT**
[54] **COUSSIN D'USURE INTEGRAL COMPORTANT UNE PORTION REDISTRIBUEE DE MATERIAU DE SUBSTRAT ET METHODE**
[72] ALLEN, ANDREW J., US
[72] AUNG, THEIN HTUN, US
[72] GARZA, RAUL G., US
[72] MOORE, R. THOMAS, US
[73] RDT, INC., US
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[87] (3030733)
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[25] EN
[54] **HYDRAULIC PERCUSSION DEVICE AND CONSTRUCTION APPARATUS HAVING THE SAME**
[54] **MARTEAU HYDRAULIQUE ET APPAREIL DE CONSTRUCTION LE COMPRENANT**
[72] JOO, JIN MOO, KR
[72] PARK, YONG SHIK, KR
[72] LIM, HOON, KR
[72] YOON, BOK JOONG, KR
[73] DAEMO ENGINEERING CO., LTD., KR
[73] KOCETI (KOREA CONSTRUCTION EQUIPMENT TECHNOLOGY INSTITUTE), KR
[85] 2019-01-21
[86] 2017-02-06 (PCT/KR2017/001318)
[87] (WO2018/021642)
[30] KR (10-2016-0095578) 2016-07-27

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[25] EN
[54] **REPLACEMENT HEART VALVE PROSTHESIS**
[54] **PROTHESE DE VALVULE CARDIAQUE DE REMPLACEMENT**
[72] PETERSON, MATTHEW A., US
[72] YI, SEUNG-BEOM, US
[72] VAD, SIDDHARTH, US
[72] OBA, TRAVIS ZENYO, US
[72] FRESCHAUF, LAUREN R., US
[72] FRENCH, AMANDA, US
[72] KEIDAR, YARON, IL
[72] DU, YUANLONG, US
[72] BAK-BOYCHUK, GREGORY, US
[72] GOLEMO, KEVIN M., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-01-21
[86] 2017-07-20 (PCT/US2017/043162)
[87] (WO2018/017886)
[30] US (62/365,070) 2016-07-21
[30] US (62/471,213) 2017-03-14
[30] US (15/653,390) 2017-07-18

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[51] **Int.Cl. C08J 9/28 (2006.01) C08G 73/10 (2006.01)**
[25] EN
[54] **POROUS POLYIMIDE FILM PRODUCTION METHOD AND POROUS POLYIMIDE FILM PRODUCED USING SAID METHOD**
[54] **PROCEDE DE PRODUCTION DE FILM DE POLYIMIDE POREUX ET FILM DE POLYIMIDE POREUX PRODUIT A L'AIDE DUDIT PROCEDE**
[72] OHYA, SHUSEI, JP
[72] MATSUO, MAKOTO, JP
[72] FUJII, YUUICHI, JP
[72] BAMBA, KEITA, JP
[73] UBE INDUSTRIES, LTD., JP
[85] 2019-01-24
[86] 2017-07-25 (PCT/JP2017/026935)
[87] (WO2018/021356)
[30] JP (2016-145811) 2016-07-25

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[51] **Int.Cl. A63H 17/395 (2006.01) A63H 17/40 (2006.01) A63H 17/41 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND INFORMATION MEDIUM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET SUPPORT D'INFORMATIONS**
[72] NAKAYAMA, TETSUNORI, JP
[72] TANAKA, AKICHIKA, JP
[72] ANDRE, ALEXIS, JP
[73] SONY INTERACTIVE ENTERTAINMENT INC., JP
[85] 2019-01-25
[86] 2017-05-18 (PCT/JP2017/018665)
[87] (WO2018/025467)
[30] US (62/371078) 2016-08-04
[30] US (62/414102) 2016-10-28

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[13] C
[51] **Int.Cl. A23K 20/174 (2016.01) A23K 20/20 (2016.01) A23K 50/10 (2016.01)**
[25] EN
[54] **FOLIC ACID RUMEN BY-PASS METHOD AND COMPOSITION**
[54] **PROCEDE ET COMPOSITION PERMETTANT A L'ACIDE FOLIQUE DE CONTOURNER LE RUMEN**
[72] STARK, PETER A., US
[73] ZINPRO CORPORATION, US
[85] 2019-01-29
[86] 2017-07-31 (PCT/US2017/044580)
[87] (WO2018/026676)
[30] US (15/226,297) 2016-08-02

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[51] **Int.Cl. B29D 30/08 (2006.01) B60C 99/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **FOAM-BASED RFID LABEL**
[54] **ETIQUETTE RFID A BASE DE MOUSSE**
[72] BORGNA, MICHAEL E., US
[72] CASSIDY, GLENN M., US
[72] UIJLENBROEK, JOS, NL
[73] FINELINE TECHNOLOGIES, US
[86] (3032445)
[87] (3032445)
[22] 2019-02-01
[30] US (62/625748) 2018-02-02
[30] US (16/263096) 2019-01-31

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR OIL WELL PIPE**
[54] **RACCORD FILETE POUR TUYAU DE PUITS DE PETROLE**
[72] YAMAGUCHI, MASAO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2019-01-29
[86] 2017-07-20 (PCT/JP2017/026245)
[87] (WO2018/037781)
[30] JP (2016-163959) 2016-08-24

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[13] C
[51] **Int.Cl. C11D 1/22 (2006.01) C11D 3/22 (2006.01)**
[25] EN
[54] **A LIQUID LAUNDRY DETERGENT COMPOSITION COMPRISING A FIRST POLYMER AND A SECOND POLYMER**
[54] **COMPOSITION DE DETERGENT A LESSIVE LIQUIDE COMPRENANT UN PREMIER POLYMERE ET UN SECOND POLYMERE**
[72] PICKERING, CARLY, GB
[72] BROOKER, ALAN THOMAS, GB
[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] URE, COLIN, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-01-30
[86] 2017-08-29 (PCT/US2017/049062)
[87] (WO2018/048669)
[30] EP (16187534.9) 2016-09-07

[11] **3,032,750**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A23L 27/00 (2016.01) A61K 31/09 (2006.01) A61K 31/137 (2006.01) A61K 31/167 (2006.01) A61K 31/485 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **MEDICATION WITH IMPROVED TASTE AND SENSORY EXPERIENCE**
[54] **MEDICAMENT AYANT UN GOUT ET UNE PERCEPTION SENSORIELLE AMELIORES**
[72] NAUGHTON, VALERIE JEAN, US
[72] NEWTON, JASON, US
[72] FINDLEY, MOLLY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-01-31
[86] 2017-08-31 (PCT/US2017/049618)
[87] (WO2018/045170)
[30] US (62/382,319) 2016-09-01

[11] **3,033,190**
[13] C
[51] **Int.Cl. F01D 25/18 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH EMBEDDED ELECTRIC MACHINE**
[54] **TURBINE A GAZ AVEC MACHINE ELECTRIQUE INTEGREE**
[72] KUPISZEWSKI, THOMAS, US
[72] MILLER, BRANDON WAYNE, US
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
[86] 2017-08-10 (PCT/US2017/046187)
[87] (WO2018/089066)
[30] US (15/242,789) 2016-08-22

[11] **3,033,261**
[13] C
[51] **Int.Cl. A47L 5/36 (2006.01) A47L 9/00 (2006.01) A47L 9/32 (2006.01)**
[25] EN
[54] **VACUUM CLEANER HANDLE MOUNT ASSEMBLY**
[54] **ENSEMBLE SUPPORT DE MANCHE D'ASPIRATEUR**
[72] SEASHOLTZ, CRAIG A., US
[72] GOTTSCHALL, JASON, US
[72] GRIFFIN, JOHN, US
[73] SHOP VAC CORPORATION, US
[85] 2019-02-06
[86] 2017-09-13 (PCT/US2017/051256)
[87] (WO2018/057358)
[30] US (62/398,209) 2016-09-22

[11] **3,034,236**
[13] C
[51] **Int.Cl. G02F 1/025 (2006.01)**
[25] EN
[54] **OPTICAL MODULATOR**
[54] **MODULATEUR OPTIQUE**
[72] HIRAKI, TATSUROU, JP
[72] MATSUO, SHINJI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2019-02-15
[86] 2017-08-25 (PCT/JP2017/030468)
[87] (WO2018/043317)
[30] JP (2016-166518) 2016-08-29

[11] **3,034,547**
[13] C
[51] **Int.Cl. A61K 31/277 (2006.01) A61K 31/04 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **ENTACAPONE-RELATED COMPOUNDS TO TREAT MACULAR DEGENERATION**
[54] **COMPOSES APPARENTES A L'ENTACAPONE POUR TRAITER LA DEGENERESCENCE MACULAIRE**
[72] HUANG, NIU, CN
[72] PENG, SHIMING, CN
[73] NATIONAL INSTITUTE OF BIOLOGICAL SCIENCES, BEIJING, CN
[85] 2019-02-21
[86] 2017-08-23 (PCT/CN2017/098575)
[87] (WO2018/036498)
[30] CN (PCT/CN2016/096472) 2016-08-24

[11] **3,034,567**
[13] C
[51] **Int.Cl. F25B 43/00 (2006.01) F25B 29/00 (2006.01)**
[25] EN
[54] **SWITCHING DEVICE FOR MULTI-SPLIT AIR CONDITIONER AND MULTI-SPLIT AIR CONDITIONER HAVING SAME**
[54] **DISPOSITIF DE COMMUTATION POUR CLIMATISEUR MULTI-SPLIT ET CLIMATISEUR MULTI-SPLIT COMPORTANT CELLE-CI**
[72] ZHONG, RUJIANG, CN
[72] JIANG, ZHIXIAN, CN
[73] GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
[85] 2019-02-21
[86] 2017-06-21 (PCT/CN2017/089353)
[87] (WO2018/036251)
[30] CN (201620924213.8) 2016-08-23

[11] **3,035,400**
[13] C
[51] **Int.Cl. A61K 9/68 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **TABLETED CANNABINOID CHEWING GUM WITH LAYERED STRUCTURE**
[54] **GOMME A MACHER EN TABLETTE CONTENANT DES CANNABINOIDES EN COUCHES**
[72] BRUUN, HEIDI ZIEGLER, DK
[72] BOESEN, DORTHE SCHACKINGER, DK
[72] ERIKSEN, ANE, DK
[73] NORDICCAN A/S, DK
[86] (3035400)
[87] (3035400)
[22] 2019-03-01

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[13] C
[51] **Int.Cl. H05K 7/20 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEMS FOR DEVICES ARRANGED IN ROWS**
[54] **SYSTEMES DE REFROIDISSEMENT POUR DES DISPOSITIFS AGENCES EN RANGEES**
[72] SLOAN, PHILIP, US
[72] KAUFMANN, NICHOLAS L., US
[72] GEBKE, KEVIN J., US
[72] HEIM, FRANK, US
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2019-03-04
[86] 2017-09-05 (PCT/US2017/050092)
[87] (WO2018/048804)
[30] US (15/261,280) 2016-09-09

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[13] C
[51] **Int.Cl. A61K 8/9789 (2017.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **AQUEOUS EXTRACT OF PRUNUS PERSICA AND PROCESS FOR PREPARING THE SAME**
[54] **EXTRAIT AQUEUX DE PRUNUS PERSICA ET PROCEDE DE PREPARATION DE CE DERNIER**
[72] PERNODET, NADINE, US
[72] LAYMAN, DAWN, US
[72] BOTTO, JEAN-MARIE, FR
[72] OGER, ELODIE, FR
[72] LE MESTR, AUDREY, FR
[72] IMBERT, ISABELLE, FR
[72] DOMLOGE, NOUHA, FR
[73] ISP INVESTMENTS LLC, US
[73] ELC MANAGEMENT LLC, US
[85] 2019-03-05
[86] 2017-09-06 (PCT/US2017/050223)
[87] (WO2018/048864)
[30] US (62/384,436) 2016-09-07

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[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **A COMPOUND THAT SELECTIVELY BINDS TO CD123 AND USE THEREOF TO KILL HEMATOLOGIC CANCER PROGENITOR CELLS**
[54] **COMPOSE QUI SE LIE SELECTIVEMENT AU CD123 ET QUI UTILISE CE MECANISME POUR TUER LES PROGENITEURS DANS LES CANCERS HEMATOLOGIQUES**
[72] JORDAN, CRAIG T., US
[73] UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
[86] (3036031)
[87] (3036031)
[22] 2001-03-06
[62] 2,895,884
[30] US (60/187.123) 2000-03-06
[30] US (60/227.295) 2000-08-24

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[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 41/00 (2006.01) G01N 27/72 (2006.01)**
[25] EN
[54] **SELECTIVE TEST TOOL**
[54] **OUTIL D'ESSAI SELECTIF**
[72] WILLIAMSON, JIMMIE ROBERT, JR., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-06
[86] 2016-11-09 (PCT/US2016/061166)
[87] (WO2018/089000)

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[13] C
[51] **Int.Cl. A23L 29/30 (2016.01) A23L 21/12 (2016.01)**
[25] EN
[54] **PLANT-SOAKED SOLUTION COMPRISING TAGATOSE, AND METHOD FOR PRODUCING SAME**
[54] **SOLUTION IMBIBEE DE PLANTE COMPRENANT DU TAGATOSE, ET SON PROCEDE DE FABRICATION**
[72] KIM, SU JEOUNG, KR
[72] BAK, YOUN KYUNG, KR
[72] CHOI, JONG MIN, KR
[72] PARK, JUNG GYU, KR
[72] BYUN, SUNG BAE, KR
[72] PARK, SEUNG WON, KR
[72] JUNG, DONG CHUL, KR
[73] CJ CHEILJEDANG CORPORATION, KR
[85] 2019-03-11
[86] 2017-06-23 (PCT/KR2017/006638)
[87] (WO2018/079977)
[30] KR (10-2016-0142789) 2016-10-31

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[13] C
[51] **Int.Cl. B02C 18/16 (2006.01) B02C 18/04 (2006.01) B02C 18/22 (2006.01)**
[25] EN
[54] **AUTOFEEDER ROLLER CLEANING**
[54] **NETTOYEUR DE ROULEAU D'ALIMENTATEUR AUTOMATIQUE**
[72] CHANG, HERMAN, US
[73] CHANG, HERMAN, US
[86] (3036546)
[87] (3036546)
[22] 2019-03-13
[30] US (15/933,243) 2018-03-22

[11] **3,036,840**
[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR OUTIL DE FOND DE PUITS**
[72] ELFAR, TALAL, CA
[73] ELFAR, TALAL, CA
[86] (3036840)
[87] (3036840)
[22] 2019-03-15
[30] US (16/154,703) 2018-10-08

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[13] C
[51] **Int.Cl. F16D 51/02 (2006.01) B23Q 16/10 (2006.01) F16D 59/02 (2006.01) F16D 71/00 (2006.01)**
[25] EN
[54] **MODULAR ZERO BACKLASH DEFAULT TO LOCK BRAKE/LOCKING APPARATUS**
[54] **APPAREIL DE FREINAGE/VERROUILLAGE MODULAIRE SAN JEU A VERROUILLAGE PAR DEFAUT**
[72] HILLUKKA, JUSTIN WILLIAM, US
[72] KLIBER, ANTHONY WILL, US
[73] NEXEN GROUP, INC., US
[85] 2019-03-14
[86] 2017-09-22 (PCT/US2017/052900)
[87] (WO2018/057853)
[30] US (62/398,011) 2016-09-22

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[13] C
[51] **Int.Cl. B65D 6/00 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **PLASTIC CORRUGATED CONTAINER WITH IMPROVED FOLD LINES AND METHOD AND APPARATUS FOR MAKING SAME**
[54] **RECIPIENT ONDULE EN MATIERE PLASTIQUE AYANT DES LIGNES DE PLIURE AMELIOREES ET PROCEDE ET APPAREIL PERMETTANT DE REALISER CE DERNIER**
[72] MCMAHON, WILLIAM F., US
[73] ORBIS CORPORATION, US
[86] (3037138)
[87] (3037138)
[22] 2012-05-17
[62] 2,935,978
[30] US (13/273,019) 2011-10-13

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[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] CRONENBERG, RICHARD, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (3037363)
[87] (3037363)
[22] 2011-05-18
[62] 2,836,234

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[11] **3,037,365**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] CRONENBERG, RICHARD, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (3037365)
[87] (3037365)
[22] 2011-05-18
[62] 2,836,234

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[11] **3,037,420**
[13] C
[51] **Int.Cl. F16P 1/06 (2006.01) B23K 26/70 (2014.01)**
[25] EN
[54] **PROTECTION SYSTEM FOR LASER CUTTING MACHINE**
[54] **SYSTEME DE PROTECTION POUR MACHINE DE TAILLE AU LASER**
[72] TIMMERMAN, BRYAN J., US
[72] UMBERGER, CODY, US
[73] MESTEK MACHINERY, INC., US
[86] (3037420)
[87] (3037420)
[22] 2019-03-20

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[11] **3,037,753**
[13] C
[51] **Int.Cl. B25C 7/00 (2006.01) A47G 3/00 (2006.01) B65D 73/00 (2006.01)**
[25] EN
[54] **COLLATING STRIP FOR PLUG AND PLUG INSTALLATION METHOD**
[54] **BANDE DE REGROUPEMENT DE CHEVILLES ET PROCEDE D'INSTALLATION DE CHEVILLE**
[72] SHADWELL, PETER J., US
[72] BELINDA, RICHARD L., US
[72] GILLIS, TIMOTHY F., US
[73] HANDY & HARMAN, US
[86] (3037753)
[87] (3037753)
[22] 2013-10-09
[62] 2,887,476
[30] US (61/711,244) 2012-10-09
[30] US (61/782,549) 2013-03-14

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[13] C
[51] **Int.Cl. A61K 9/127 (2006.01) A23L 33/105 (2016.01) A23P 10/30 (2016.01) A61K 31/05 (2006.01) A61K 47/24 (2006.01) A61K 47/44 (2017.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A NANO-CBD LIPOSOME SYSTEM**
[54] **PROCEDE DE PRODUCTION D'UN SYSTEME NANO-CBD LIPOSOME**
[72] LAI, NAM HAI, VN
[73] LAI, NAM HAI, VN
[86] (3038349)
[87] (3038349)
[22] 2019-03-29
[30] VN (VN 1-2019-00610) 2019-01-31

[11] **3,038,884**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 8/20 (2009.01)**
[25] EN
[54] **PROTECTING MOBILE DEVICES FROM UNAUTHORIZED DEVICE RESETS**
[54] **PROTECTION DE DISPOSITIFS MOBILES CONTRE DES REINITIALISATIONS DE DISPOSITIF NON AUTORISEES**
[72] FINGER, JOSHUA, US
[72] BYLUND, KIMBERLY, US
[72] KARIMLI, YASMIN, US
[73] T-MOBILE USA, INC., US
[85] 2019-03-28
[86] 2017-09-29 (PCT/US2017/054499)
[87] (WO2018/064575)
[30] US (15/282,605) 2016-09-30

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[13] C
[51] **Int.Cl. F01P 5/06 (2006.01) B60K 11/06 (2006.01) F01P 1/00 (2006.01) F01P 5/02 (2006.01)**
[25] EN
[54] **PRIME MOVER AND WORKING MACHINE HAVING THE SAME**
[54] **MOTEUR PRINCIPAL ET MACHINE DE TRAVAIL COMPORTANT LEDIT MOTEUR**
[72] TAKANO, YUKI, JP
[72] NOGUCHI, MAKOTO, JP
[72] MATSUSHITA, TETSUJI, JP
[73] KUBOTA CORPORATION, JP
[86] (3039223)
[87] (3039223)
[22] 2019-04-04
[30] JP (2018-076753) 2018-04-12

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[13] C
[51] **Int.Cl. B65D 88/06 (2006.01) B21D 51/04 (2006.01) B60P 3/22 (2006.01) B62D 63/06 (2006.01) B62D 65/00 (2006.01)**
[25] EN
[54] **CYLINDRICAL SEMI-TRAILER**
[54] **SEMI-REMORQUE CYLINDRIQUE**
[72] KLOEPFER, MICHAEL, CA
[72] MAERTENS, ANDREW JOSEPH, CA
[72] BULT, JAMES, US
[73] KLOEPFER, MICHAEL, CA
[73] BULT, JAMES, US
[85] 2019-04-05
[86] 2017-12-19 (PCT/CA2017/051538)
[87] (WO2018/112618)
[30] US (62/436,960) 2016-12-20

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[11] **3,039,779**
[13] C
[51] **Int.Cl. A23L 21/12 (2016.01) A23L 29/30 (2016.01)**
[25] EN
[54] **EXTRACT FROM PLANT STEEPED IN ALLULOSE AND PREPARATION METHOD THEREFOR**
[54] **EXTRAIT DE PLANTE CHARGE EN ALLULOSE ET SON PROCEDE DE PREPARATION**
[72] BAK, YOUN KYUNG, KR
[72] KIM, SU JEOUNG, KR
[72] PARK, JUNG GYU, KR
[72] BYUN, SUNG BAE, KR
[72] PARK, SEUNG WON, KR
[72] JUNG, DONG CHUL, KR
[73] CJ CHEILJEDANG CORPORATION, KR
[85] 2019-04-08
[86] 2017-06-23 (PCT/KR2017/006629)
[87] (WO2018/070637)
[30] KR (10-2016-0130695) 2016-10-10

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[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A24F 1/22 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **HAND-HELD INHALABLE VAPOR PRODUCING DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE VAPEUR INHALABLE PORTABLE**
[72] MINSKOFF, NOAH MARK, US
[72] MAGYAR, ROBERT STANFORD, CA
[73] INNOVOSCIENCES LLC, US
[85] 2019-04-08
[86] 2017-10-12 (PCT/US2017/056354)
[87] (WO2018/071680)
[30] US (62/407,385) 2016-10-12

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[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) H01L 35/30 (2006.01) H02N 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO GENERATE POWER IN A DOWNHOLE ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE GENERATION D'ENERGIE DANS UN ENVIRONNEMENT FOND DE TROU**
[72] FROSELL, THOMAS JULES, US
[72] FRIPP, MICHAEL LINLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-04-11
[86] 2016-12-28 (PCT/US2016/068939)
[87] (WO2018/125093)

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[13] C
[51] **Int.Cl. A61F 2/16 (2006.01) A61L 27/14 (2006.01)**
[25] EN
[54] **PROSTHETIC CAPSULAR DEVICES**
[54] **DISPOSITIFS CAPSULAIRES PROTHETIQUES**
[72] WORTZ, GARY N., US
[72] IFLAND, RICK WILLIAM, US
[73] OMEGA OPHTHALMICS LLC, US
[85] 2019-04-11
[86] 2017-10-20 (PCT/US2017/057666)
[87] (WO2018/075932)
[30] US (62/411,129) 2016-10-21
[30] US (62/421,929) 2016-11-14
[30] US (62/461,675) 2017-02-21
[30] US (62/500,932) 2017-05-03

[11] **3,040,661**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/20 (2006.01) E21B 33/12 (2006.01) E21B 43/114 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **REGULATION DE L'ECOULEMENT DANS DES PUITS SOUTERRAINS**
[72] WATSON, BROCK W., US
[72] FUNKHOUSER, GARY P., US
[72] SCHULTZ, ROGER L., US
[72] FERGUSON, ANDREW M., US
[73] THRU TUBING SOLUTIONS, INC., US
[85] 2019-04-15
[86] 2017-06-06 (PCT/US2017/036090)
[87] (WO2018/075097)
[30] US (15/296,342) 2016-10-18
[30] US (62/416,567) 2016-11-02
[30] US (15/609,671) 2017-05-31

[11] **3,040,915**
[13] C
[51] **Int.Cl. A61M 13/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **MULTIMODAL SURGICAL GAS DELIVERY SYSTEM CONFIGURED TO MAINTAIN STABLE BODY CAVITY PRESSURE WHEN SUCTION IS USED IN THE BODY CAVITY**
[54] **SYSTEME DE DISTRIBUTION DE GAZ CHIRURGICAL MULTIMODAL CONFIGURE POUR MAINTENIR UNE PRESSION DE CAVITE CORPORELLE STABLE LORSQU'UNE ASPIRATION EST UTILISEE DANS LA CAVITE CORPORELL E**
[72] SILVER, MIKIYA, US
[72] TRUTZA, GEORGE R., US
[72] KANE, MICHAEL J., US
[73] CONMED CORPORATION, US
[85] 2019-04-16
[86] 2017-11-14 (PCT/US2017/061483)
[87] (WO2018/089984)
[30] US (62/421,543) 2016-11-14

[11] **3,041,087**
[13] C
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **REAL-TIME TRAJECTORY CONTROL DURING DRILLING OPERATIONS**
[54] **COMMANDE DE TRAJECTOIRE EN TEMPS REEL PENDANT DES OPERATIONS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[72] LIU, ZHENCHUN, US
[72] YARUS, JEFFREY MARC, US
[72] FEI, JIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-04-17
[86] 2016-12-20 (PCT/US2016/067735)
[87] (WO2018/118020)

[11] **3,041,542**
[13] C
[51] **Int.Cl. C07C 51/377 (2006.01)**
[25] EN
[54] **METHOD OF MAKING ACRYLIC ACID FROM HYDROXYPROPIONIC ACID**
[54] **PROCEDE DE FABRICATION D'ACIDE ACRYLIQUE A PARTIR D'ACIDE HYDROXYPROPIONIQUE**
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] VELASQUEZ, JUAN ESTEBAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-04-23
[86] 2017-11-03 (PCT/US2017/059853)
[87] (WO2018/085618)
[30] US (15/342,428) 2016-11-03

[11] **3,041,629**
[13] C
[51] **Int.Cl. A01D 43/063 (2006.01)**
[25] EN
[54] **DOUBLE DECK BOOTS**
[54] **BOTTES A DEUX ETAGES**
[72] HOBRATH, GERALD, US
[72] HARRISON, ANTHONY, US
[72] JIRA, ROBERT, US
[73] MTD PRODUCTS INC, US
[85] 2019-04-24
[86] 2017-09-21 (PCT/US2017/052669)
[87] (WO2018/057708)
[30] US (62/397,689) 2016-09-21

[11] **3,041,729**
[13] C
[51] **Int.Cl. C09J 183/04 (2006.01) C09J 11/04 (2006.01) C09J 11/06 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **ONE-PART ROOM-TEMPERATURE CURABLE COMPOSITIONS ON BASIS OF ORGANOSILICON COMPOUNDS AND TITANIUM CURING CATALYSTS**
[54] **COMPOSITIONS EN UNE SEULE PARTIE DURCISSABLES A TEMPERATURE AMBIANTE A BASE DE COMPOSES D'ORGANOSILICIUM ET DE CATALYSEURS DE DURCISSEMENT DE TYPE TITANE**
[72] SIXT, TORSTEN, DE
[72] NIE, JIAN, CN
[73] WACKER CHEMIE AG, DE
[85] 2019-04-25
[86] 2016-10-31 (PCT/CN2016/104014)
[87] (WO2018/076337)

[11] **3,041,786**
[13] C
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 7/28 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ABANDONING A CASED BOREOLE**
[54] **PROCEDE ET SYSTEME POUR ABANDONNER UN PUITS TUBE**
[72] NORDENSTAM, ERIK VILHELM, US
[72] FANG, LEI, US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-04-25
[86] 2017-09-28 (PCT/US2017/053987)
[87] (WO2018/080715)
[30] US (15/337,941) 2016-10-28

[11] **3,042,251**
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[51] **Int.Cl. B65D 43/16 (2006.01) B65D 50/04 (2006.01) B65D 55/12 (2006.01) E05C 3/00 (2006.01)**
[25] EN
[54] **CONTAINER SYSTEMS**
[54] **SYSTEMES DE RECIPIENTS**
[72] DAGNELIE, THIERRY CHRISTIAN FRANCIS, BE
[72] DE WILDE, VINCENT HUBERT M., BE
[72] DEGEYTER, RAF GUSTAAF ALFONS, BE
[72] PALLOTTO, SIMONE, BE
[72] DE MALSCHE, KATRIEN, BE
[72] NG PAK LEUNG, CLARA SOPHIE LEA, BE
[72] DAWSON, DAVID BRIAN, US
[72] GLESSNER, JOSHUA MILES, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-04-29
[86] 2017-11-10 (PCT/US2017/060976)
[87] (WO2018/089718)
[30] US (62/420,605) 2016-11-11

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[51] **Int.Cl. G03B 21/00 (2006.01) G05D 25/00 (2006.01)**
[25] EN
[54] **RGB PROJECTOR WITH MULTI-LASER BROADBAND LIGHT SOURCE AND SYSTEM FOR DYNAMICALLY CONTROLLING IMAGE CONTRAST RATIO**
[54] **PROJECTEUR RVB A SOURCE DE LUMIERE MULTI-LASER A BANDE LARGE ET SYSTEME DE COMMANDE DYNAMIQUE DU RAPPORT DE CONTRASTE D'IMAGE**
[72] SHKURIKHIN, OLEG, US
[72] AVDOKHIN, ALEXEY, US
[72] BABUSHKIN, ANDREI, US
[72] EROKHIN, YURI, US
[73] IPG PHOTONICS CORPORATION, US
[85] 2019-05-01
[86] 2017-11-08 (PCT/US2017/060495)
[87] (WO2018/089398)
[30] US (62/419,185) 2016-11-08

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[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/18 (2006.01) B32B 27/30 (2006.01) C08J 5/18 (2006.01) C08K 7/20 (2006.01) C08L 27/16 (2006.01)**
[25] EN
[54] **EXTRUDED MATT FOIL WITH IMPROVED MECHANICAL PROPERTIES AND A HIGH WEATHERING RESISTANCE**
[54] **FEUILLE MATE EXTRUDEE AYANT DES PROPRIETES MECANIQUES AMELIOREES ET UNE RESISTANCE AUX INTEMPERIES ELEVEE**
[72] GUENANTEN, CLAUDE, DE
[72] HARING, HELMUT, DE
[72] BIRTH, DETLEF, DE
[72] CONRAD, MAX, DE
[72] REINHEIMER, ERIC, DE
[72] DICKHAUT, GUNTHER, DE
[72] SEYOUM, GHIRMAY, DE
[72] KARAMPOUGIOUKIS, WANGELIS, DE
[72] MUSCI, GIROLAMO, DE
[73] ROHM GMBH, DE
[85] 2019-05-02
[86] 2017-12-05 (PCT/EP2017/081497)
[87] (WO2018/104293)
[30] EP (16202585.2) 2016-12-07

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[13] C
[51] **Int.Cl. C09K 3/18 (2006.01)**
[25] EN
[54] **DEICING AND ANTI-ICING FLUID BASED ON ULTRA-LONG CHAIN VISCOELASTIC SURFACTANT AND PREPARATION METHOD THEREOF**
[54] **LIQUIDE DE DEGIVRAGE ET D'ANTIGIVRAGE FONDE SUR UN TENSIOACTIF VISCOELASTIQUE A CHAINE ULTRA LONGUE ET PROCEDE DE PREPARATION DE CELUI-CI**
[72] FENG, YUJUN, CN
[72] YIN, HONGYAO, CN
[73] SICHUAN UNIVERSITY, CN
[85] 2019-05-02
[86] 2017-10-24 (PCT/CN2017/107530)
[87] (WO2018/133470)
[30] CN (201710039535.3) 2017-01-18

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[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **ADJUSTABLE DOSE SETTING PLUNGER FOR SYRINGE**
[54] **PISTON DE REGLAGE DE LA DOSE POUR SERINGUE**
[72] CHANOCH, LAWRENCE H., US
[72] WILSON, JOHN B., US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (3042909)
[87] (3042909)
[22] 2011-06-14
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[30] US (61/344,257) 2010-06-18

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[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01) F03G 1/06 (2006.01) F16F 1/12 (2006.01)**
[25] EN
[54] **SPRING MOTOR FOR DRIVE FOR COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **MOTEUR A RESSORT POUR UN ACTIONNEMENT DE PAREMENT POUR DES OUVERTURES ARCHITECTURALES**
[72] ANDERSON, RICHARD N., US
[72] FISHER, ROBERT E., II, US
[72] FRASER, DONALD E., US
[72] HAARER, STEPHEN R., US
[73] HUNTER DOUGLAS INC., US
[86] (3043425)
[87] (3043425)
[22] 2010-04-20
[62] 2,759,398
[30] US (12/427,132) 2009-04-21

[11] **3,043,579**
[13] C
[51] **Int.Cl. B60R 19/18 (2006.01)**
[25] EN
[54] **BUMPER BEAM HAVING RIBS ON SEVERAL WALLS OF THE BUMPER BEAM**
[54] **POUTRE DE PARE-CHOCS COMPORTANT DES NERVURES SUR PLUSIEURS PAROIS DE LA POUTRE PARE-CHOCS**
[72] BRUN, GILLES, FR
[72] HERISSON, DAMIEN, FR
[72] LAM, JIMMY, FR
[72] HASENPOUTH, DAN, FR
[72] GIBEAU, ELIE, FR
[72] VIAUX, IVAN, FR
[73] ARCELORMITTAL, LU
[85] 2019-05-10
[86] 2017-11-16 (PCT/IB2017/057168)
[87] (WO2018/092058)
[30] IB (PCT/IB2016/056961) 2016-11-18

[11] **3,043,680**
[13] C
[51] **Int.Cl. A61H 33/06 (2006.01) A61H 35/00 (2006.01) F24F 6/14 (2006.01) F24F 6/16 (2006.01)**
[25] EN
[54] **MIST GENERATING DEVICE**
[54] **GENERATEUR DE BRUME**
[72] HAYASHI, YOSHIHISA, JP
[73] CBC CO., LTD., JP
[85] 2019-05-13
[86] 2017-10-27 (PCT/JP2017/038963)
[87] (WO2019/082393)

[11] **3,043,900**
[13] C
[51] **Int.Cl. A21B 3/13 (2006.01) A21B 3/00 (2006.01)**
[25] EN
[54] **BAKING LINER**
[54] **FEUILLE DE CUISSON**
[72] FRIEDERSDORF, STEPHAN S. A. F., CA
[73] FRIEDERSDORF, STEPHAN S. A. F., CA
[86] (3043900)
[87] (3043900)
[22] 2019-05-22

[11] **3,044,633**
[13] C
[51] **Int.Cl. A24B 15/32 (2006.01) A24B 15/167 (2020.01) A24F 40/00 (2020.01) A24B 15/34 (2006.01) A24F 15/00 (2020.01)**
[25] EN
[54] **SMOKING ARTICLE INCORPORATING A COOLING AGENT**
[54] **ARTICLE DE FUMEUR INTEGRANT UN AGENT DE REFROIDISSEMENT**
[72] BALLESTEROS GOMEZ, PABLO JAVIER, GB
[72] PHILLIPS, JEREMY, GB
[72] FORSTER, MARK, GB
[72] CHADJIM, HANS-JOSEF, GB
[73] NICOVENTURES TRADING LIMITED, GB
[85] 2019-05-22
[86] 2017-11-29 (PCT/GB2017/053593)
[87] (WO2018/100366)
[30] GB (1620352.3) 2016-11-30

[11] **3,044,637**
[13] C
[51] **Int.Cl. B65B 31/04 (2006.01) B65B 1/12 (2006.01) B65B 1/40 (2006.01) B65B 9/20 (2012.01)**
[25] EN
[54] **SYSTEM FOR MEASURING OUT AND CUTTING COMPACTED POWDERS**
[54] **SYSTEME DE MESURE ET DE DECOUPE DE POUDRES COMPACTEES**
[72] RAPPARINI, GINO, IT
[73] ICA S.P.A., IT
[85] 2019-05-22
[86] 2017-12-04 (PCT/IB2017/057609)
[87] (WO2018/100563)
[30] IT (102016000122873) 2016-12-02

[11] **3,045,905**
[13] C
[51] **Int.Cl. C08J 11/08 (2006.01) C08L 23/12 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING RECLAIMED POLYPROPYLENE**
[54] **PROCEDE DE PURIFICATION DE POLYPROPYLENE RECYCLE**
[72] LAYMAN, JOHN MONCRIEF, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] SCHONEMANN, HANS, US
[72] WILLIAMS, KARA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-05-10
[86] 2017-12-13 (PCT/US2017/066078)
[87] (WO2018/118575)
[30] US (62/436,471) 2016-12-20

[11] **3,046,771**
[13] C
[51] **Int.Cl. H05B 45/10 (2020.01) H05B 45/20 (2020.01)**
[25] EN
[54] **LIGHTING SYSTEM WITH CONFIGURABLE DIMMING**
[54] **SYSTEME D`ECLAIRAGE DOTE D`UN ASSOMBRISSEMENT CONFIGURABLE**
[72] CHOWDHURY, TOWFIQ M., US
[72] CHEN, FENG, US
[73] ABL IP HOLDING LLC, US
[86] (3046771)
[87] (3046771)
[22] 2019-06-14
[30] US (16/022,892) 2018-06-29

[11] **3,046,833**
[13] C
[51] **Int.Cl. B25C 1/08 (2006.01)**
[25] EN
[54] **POWERED FASTENER-DRIVING TOOL INCLUDING AN ENGAGING ELEMENT TO FRICTIONALLY ENGAGE A PISTON UPON RETURNING TO A PRE-FIRING POSITION**
[54] **OUTIL MOTORISE D'ENFONCEMENT D'ELEMENTS DE FIXATION COMPRENANT UN ELEMENT D'ENTREE EN PRISE POUR ENTRER EN PRISE PAR FROTTEMENT AVEC UN PISTON LORS DU RETOUR A UNE POSITION D'AVAN T LE TIR**
[72] ZHAO, HANXIN, US
[72] MOORE, STEPHEN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2019-06-11
[86] 2017-12-20 (PCT/US2017/067594)
[87] (WO2018/128818)
[30] US (62/443,410) 2017-01-06
[30] US (15/847,243) 2017-12-19

[11] **3,046,891**
[13] C
[51] **Int.Cl. F21V 23/00 (2015.01) F21S 8/08 (2006.01) F21V 15/01 (2006.01) F21V 21/116 (2006.01) F21V 31/00 (2006.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21V 3/00 (2015.01)**
[25] EN
[54] **LIGHT ASSEMBLY WITH PASS-THROUGH CONTROLS**
[54] **DISPOSITIF D`ECLAIRAGE MUNI DE COMMANDES DE PASSAGE**
[72] KOVALCHICK, DANIEL A., US
[72] GRECK, MICHAEL, US
[73] SPRING CITY ELECTRICAL MANUFACTURING COMPANY, US
[86] (3046891)
[87] (3046891)
[22] 2019-06-17
[30] US (16/240,269) 2019-01-04

[11] **3,047,383**
[13] C
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **MULTI-LAYER DISTANCE TO BED BOUNDARY (DTBB) INVERSION WITH MULTIPLE INITIAL GUESSES**
[54] **INVERSION DE DISTANCE A LA LIMITE DE LIT (DTBB) MULTICOUCHE AVEC MULTIPLES ESTIMATIONS INITIALES**
[72] SONG, RENCHENG, SG
[72] PAN, LI, SG
[72] WU, HSU-HSIANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-17
[86] 2017-02-06 (PCT/US2017/016672)
[87] (WO2018/144029)

[11] **3,047,882**
[13] C
[51] **Int.Cl. H04B 10/079 (2013.01) H04B 10/61 (2013.01)**
[25] EN
[54] **OPTICAL TRANSMISSION CHARACTERISTIC ESTIMATION METHOD, OPTICAL TRANSMISSION CHARACTERISTIC COMPENSATION METHOD, OPTICAL TRANSMISSION CHARACTERISTIC ESTIMATION SYSTEM AND OPTICAL TRANSMISSION CHARACTERISTIC COMPENSATION SYSTEM**
[54] **PROCEDE D'ESTIMATION DE CARACTERISTIQUE D'EMISSION OPTIQUE, PROCEDE DE COMPENSATION DE CARACTERISTIQUE D'EMISSION OPTIQUE, SYSTEME D'ESTIMATION DE CARACTERISTIQUE D'EMISSION OPTIQ UE ET SYSTEME DE COMPENSATION DE CARACTERISTIQUE D'EMISSION OPTIQUE**
[72] YAMAGISHI, AKIHIRO, JP
[72] MARUYAMA, TETSUYA, JP
[72] NAKAMURA, MASANORI, JP
[72] MATSUSHITA, ASUKA, JP
[72] YAMANAKA, SHOGO, JP
[73] NTT ELECTRONICS CORPORATION, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2019-06-20
[86] 2017-11-08 (PCT/JP2017/040304)
[87] (WO2018/168061)
[30] JP (2017-048033) 2017-03-14

[11] **3,047,987**
[13] C
[51] **Int.Cl. D06F 29/00 (2006.01) D06F 25/00 (2006.01) D06F 95/00 (2006.01)**
[25] EN
[54] **COMBINATION WASHING AND DRYING APPARATUS**
[54] **APPAREIL DE LAVAGE ET DE SECHAGE COMBINE**
[72] HAMILTON, FREDERICK, US
[73] HAMILTON, FREDERICK, US
[86] (3047987)
[87] (3047987)
[22] 2019-06-27
[30] US (16/169,009) 2018-10-24

[11] **3,048,008**
[13] C
[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/16 (2006.01)**
[25] EN
[54] **HIDDEN DISPLAY CASE WITH OFFSET CENTER SEAM GLUE JOINT**
[54] **CAISSE DE PRESENTATION DISSIMULEE AVEC JOINT DE COLLE D'ASSEMBLAGE CENTRAL DECALE**
[72] KISTNER, MATTHEW WAYNE, US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2019-06-20
[86] 2017-12-20 (PCT/US2017/067480)
[87] (WO2018/119019)
[30] US (15/386,798) 2016-12-21
[30] US (15/386,644) 2016-12-21

[11] **3,048,050**
[13] C
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **OPTIMAL TRAJECTORY CONTROL FOR ROTARY STEERABLE SYSTEMS**
[54] **COMMANDE DE TRAJECTOIRE OPTIMALE POUR SYSTEMES ROTARY ORIENTABLES**
[72] ZHAO, YIMING, US
[72] ZALLUHOGLU, UMUT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-20
[86] 2017-12-29 (PCT/US2017/069076)
[87] (WO2018/144170)
[30] US (62/452,948) 2017-01-31

[11] **3,048,250**
[13] C
[51] **Int.Cl. B60L 3/00 (2019.01) H01M 10/625 (2014.01) B60L 58/10 (2019.01) B60L 58/26 (2019.01) B60L 3/12 (2006.01) B60L 7/10 (2006.01) G07C 5/00 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM FOR COMMERCIAL ELECTRIC VEHICLES**
[54] **SYSTEME DE GESTION POUR VEHICULES ELECTRIQUES COMMERCIAUX**
[72] FAIRWEATHER, TONY, AU
[72] FAIRWEATHER, WARREN, AU
[73] SEA AUTOMOTIVE PTY LTD, AU
[85] 2019-06-25
[86] 2017-04-18 (PCT/AU2017/050346)
[87] (WO2018/136990)
[30] AU (2017900220) 2017-01-25

[11] **3,048,284**
[13] C
[51] **Int.Cl. A61B 18/24 (2006.01) A61B 17/22 (2006.01) A61B 18/20 (2006.01) A61B 18/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REDUCING LASER BEAM ATTENTUATION IN A LIQUID MEDIUM**
[54] **APPAREIL ET PROCEDE DE REDUCTION DE L'ATTENUATION D'UN FAISCEAU LASER DANS UN MILIEU LIQUIDE**
[72] WAISMAN, TAL, IL
[72] KHACHATUROV, ARKADY, IL
[72] PREISS, ASSAF, IL
[73] LUMENIS LTD., IL
[86] (3048284)
[87] (3048284)
[22] 2017-06-06
[62] 3,024,957
[30] US (62/347,685) 2016-06-09

[11] **3,048,741**
[13] C
[51] **Int.Cl. G06F 16/21 (2019.01) G06F 16/22 (2019.01) G06F 16/24 (2019.01) G06F 16/27 (2019.01)**
[25] EN
[54] **BLOCKCHAIN-BASED DATA STORAGE AND QUERY METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE MEMORISATION ET D'INTERROGATION DE DONNEES FONDES SUR UNE CHAINE DE BLOCS**
[72] QIU, HONGLIN, CN
[73] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
[85] 2019-06-27
[86] 2018-03-26 (PCT/CN2018/080505)
[87] (WO2018/177252)
[30] CN (201710191771.7) 2017-03-28

[11] **3,048,831**
[13] C
[51] **Int.Cl. C12N 5/0786 (2010.01) C12N 5/0783 (2010.01) C07K 14/475 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING MONOCYTES OR NK CELLS**
[54] **PROCEDE POUR OBTENIR DES MONOCYTES OU DES CELLULES TUEUSES NATURELLES**
[72] ABE, HIROYUKI, JP
[72] KAWASAKI, HIROAKI, JP
[73] ABE, HIROYUKI, JP
[73] KAWASAKI, HIROAKI, JP
[86] (3048831)
[87] (3048831)
[22] 2013-07-10
[62] 2,876,260
[30] JP (2012-172245) 2012-08-02

[11] **3,050,516**
[13] C
[51] **Int.Cl. A61B 90/00 (2016.01)**
[25] EN
[54] **DEVICE AND METHOD FOR AUTOMATIC RECALIBRATION FOR 3D INTRAOPERATIVE IMAGES**
[54] **DISPOSITIF ET PROCEDE DE REETALONNAGE AUTOMATIQUE POUR DES IMAGES INTRA-OPERATOIRES 3D**
[72] OLIVE, SEBASTIEN, FR
[72] BLONDEL, LUCIEN, FR
[72] NAHUM, BERTIN, FR
[73] MEDTECH S.A., FR
[85] 2019-04-18
[86] 2017-10-23 (PCT/EP2017/077003)
[87] (WO2018/073452)
[30] FR (1660264) 2016-10-21

[11] **3,051,759**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/022 (2012.01) E21B 47/04 (2012.01)**
[25] EN
[54] **TOOL-SPECIFIC STEERING OPTIMIZATION TO HIT A TARGET**
[54] **OPTIMISATION DE LA DIRECTION AXEE SUR LES OUTILS POUR FRAPPER UNE CIBLE**
[72] DEMIRER, NAZLI, US
[72] ZALLUHOGLU, UMUT, US
[72] MARCK, JULIEN CHRISTIAN VALERY, US
[72] DARBE, ROBERT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (3051759)
[87] (3051759)
[22] 2019-08-09
[30] US (62/734,887) 2018-09-21

[11] **3,052,042**
[13] C
[51] **Int.Cl. A63B 59/70 (2015.01) B24D 11/02 (2006.01) B32B 5/02 (2006.01) B32B 5/30 (2006.01)**
[25] EN
[54] **MULTILAYER ANTI-SLIP COMPACT STRUCTURE FOR INDIVIDUAL/JOINT APPLICATION ON THE FOREHAND AND BACKHAND SIDE OF THE HOCKEY STICK BLADE**
[54] **STRUCTURE COMPACTE ANTI-GLISSEMENT MULTICOUCHE POUR APPLICATION INDIVIDUELLE/JOINTE SUR LE COTE AVANT ET LE COTE ARRIERE DE LA LAME DE BATON DE HOCKEY**
[72] DULA, ANDREJ, SK
[72] CHOVANEC, ONDREJ, SK
[73] REZZTEK TECHNOLOGY INC., US
[85] 2019-07-29
[86] 2018-08-21 (PCT/SK2018/000006)
[87] (WO2019/040007)
[30] SK (PP 85-2017) 2017-08-22

[11] **3,053,212**
[13] C
[51] **Int.Cl. C12N 15/63 (2006.01)**
[25] EN
[54] **POTENT AND SHORT PROMOTER FOR EXPRESSION OF HETEROLOGOUS GENES**
[54] **PROMOTEUR PUISSANT ET COURT POUR L'EXPRESSION DE GENES HETEROLOGUES**
[72] WUNDERLICH, KERSTIN, NL
[72] UIL, TACO GILLES, NL
[72] VELLINGA, JORT, NL
[72] SANDERS, BARBARA PETRONELLA, NL
[72] VAN DER VLUGT, REMKO, NL
[73] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2019-08-09
[86] 2018-02-08 (PCT/EP2018/053201)
[87] (WO2018/146205)
[30] EP (17155338.1) 2017-02-09
[30] EP (17163245.8) 2017-03-28

[11] **3,053,494**
[13] C
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 33/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/08 (2006.01) C22C 38/10 (2006.01) C22C 38/12 (2006.01) C22C 38/14 (2006.01) C22C 38/16 (2006.01) C22C 38/18 (2006.01) C22C 45/02 (2006.01) H01F 1/147 (2006.01) H01F 1/153 (2006.01) H01F 1/20 (2006.01)**
[25] EN
[54] **FE-BASED, SOFT MAGNETIC ALLOY**
[54] **ALLIAGE MAGNETIQUE DOUX A BASE DE FER**
[72] CHINNASAMY, CHINS, US
[72] KERNION, SAMUEL J., US
[72] SCANLON, JAMES F., US
[73] CRS HOLDINGS, INC., US
[85] 2019-08-13
[86] 2018-02-15 (PCT/US2018/018345)
[87] (WO2018/152309)
[30] US (62/459,284) 2017-02-15

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[54] **AIR DISTRIBUTION SYSTEM FOR A PNEUMATIC CONVEYING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AIR POUR UN SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] HUI, KA PO CATHERINE, CA
[72] ROBERGE, MARTIN J., CA
[72] DENIS, JOEL JEAN-CLAUDE, CA
[72] CARLTON, OWEN ROBERT, CA
[72] THOMPSON, DENNIS GEORGE, CA
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[54] **HIGH NITROGEN, MULTI-PRINCIPAL ELEMENT, HIGH ENTROPY CORROSION RESISTANT ALLOY**
[54] **ALLIAGE DE MULTIPLES ELEMENTS PRINCIPAUX, A HAUTE TENEUR EN AZOTE, RESISTANT A LA CORROSION ET A ENTROPIE ELEVEE**
[72] KERNION, SAMUEL J., US
[72] POLAR-ROSAS, ALBERTO, US
[73] CRS HOLDINGS, INC., US
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[54] **IMPROVEMENTS TO EQUIPMENT AND METHODS FOR DOWNHOLE SURVEYING AND DATA ACQUISITION FOR A DRILLING OPERATION**
[54] **AMELIORATIONS APPORTEES A UNE INSTALLATION ET PROCEDES POUR LA PROSPECTION DE FOND DE PUITS ET SYSTEME D'ACQUISITION DE DONNEES ET POUR UNE OPERATION DE FORAGE**
[72] WILKINSON, BRETT JAMES, AU
[72] KLASS, MICHAEL ALAN, AU
[72] ANWAR, JOHAN, AU
[72] HEJLEH, KHALED, AU
[72] STEWART, GORDON, AU
[73] GLOBALTECH CORPORATION PTY LTD, AU
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[25] EN
[54] **APPARATUS FOR ENERGY TRANSFER USING CONVERTER AND METHOD OF MANUFACTURING SAME**
[54] **APPAREILLAGE DE TRANSFERT D'ENERGIE FAISANT APPEL A UN CONVERTISSEUR, ET METHODE DE FABRICATION CONNEXE**
[72] KING, ROBERT DEAN, US
[72] STEIGERWALD, ROBERT L., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **METHOD FOR PREPARING 2-ARYL MALONAMIDE AND APPLICATIONS THEREOF**
[54] **PROCEDE DE PREPARATION DE 2-ARYLMALONAMIDE ET APPLICATIONS DE CELUI-CI**
[72] SUN, YINWEI, CN
[72] WANG, ZHONGYUAN, CN
[72] HUANG, YANYAN, CN
[72] CHEN, BANGCHI, CN
[73] ORIENTAL (LUZHOU) AGROCHEMICALS. CO., LTD., CN
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[54] **ISOLATION OF DIGITAL SIGNALS IN A LIGHTING CONTROL TRANSCEIVER**
[54] **ISOLEMENT DES SIGNAUX NUMERIQUES DANS UN EMETTEUR-RECEPTEUR DE COMMANDE D`ECLAIRAGE**
[72] ZULIM, DALIBOR, US
[72] REZEANU, STEFAN-CRISTIAN, US
[72] HERWIG, NATHANIEL CHRISTOPHER, US
[73] ABL IP HOLDING LLC, US
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[54] **HUMAN IMMUNODEFICIENCY VIRUS (HIV)-NEUTRALIZING ANTIBODIES**
[54] **ANTICORPS NEUTRALISANTS ANTI-VIRUS DE L'IMMUNODEFICIENCE HUMAINE (VIH)**
[72] CHAN-HUI, PO-YING, US
[72] DOORES, KATHERINE, US
[72] HUBER, MICHAEL, CH
[72] KAMINSKY, STEPHEN, US
[72] FREY, STEVEN, US
[72] OLSEN, OLE, US
[72] MITCHAM, JENNIFER, US
[72] MOYLE, MATTHEW, US
[72] PHOGAT, SANJAY K., US
[72] BURTON, DENNIS R., US
[72] WALKER, LAURA MARJORIE, US
[72] POIGNARD, PASCAL RAYMOND GEORGES, US
[72] KOFF, WAYNE, US
[72] SIMEK-LEMOS, MELISSA DANIELLE DE JEAN DE ST. MARCEL, US
[73] THERACLONE SCIENCES, INC., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[73] INTERNATIONAL AIDS VACCINE INITIATIVE, US
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[54] **FEED FORWARD FLOW CONTROL OF HEAT TRANSFER SYSTEM**
[54] **COMMANDE DE FLUX A ACTION DIRECTE DU SYSTEME DE TRANSFERT DE CHALEUR**
[72] TERZIC, ZELJKO, CA
[72] HUM, REDMOND, CA
[72] ACOSTA GONZALEZ, MARCELO JAVIER, CA
[72] PATEL, RITESH, CA
[73] S. A. ARMSTRONG LIMITED, CA
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[54] **VAPORIZER AND AEROSOL GENERATION DEVICE INCLUDING SAME**
[54] **VAPORISATEUR ET DISPOSITIF DE GENERATION D'AEROSOL LE COMPRENANT**
[72] KIM, TAE HUN, KR
[72] CHOE, HWAN OCK, KR
[73] KT&G CORPORATION, KR
[85] 2019-11-08
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[25] EN
[54] **AEROSOL INHALATOR, CONTROL DEVICE FOR THE SAME, METHOD OF CONTROLLING THE SAME, AND METHOD OF OPERATING CONTROL DEVICE FOR THE SAME AND PROGRAM**
[54] **INHALATEUR AEROSOL, DISPOSITIF DE CONTROLE CONNEXE, METHODE DE CONTROLE CONNEXE, METHODE D`UTILISATION DU DISPOSITIF DE CONTROLE CONNEXE ET PROGRAMME**
[72] MIZUGUCHI, KAZUMA, JP
[72] AKAO, TAKESHI, JP
[72] NAKANO, TAKUMA, JP
[72] TSUJI, MASAYUKI, JP
[72] FUJITA, HAJIME, JP
[73] JAPAN TOBACCO INC., JP
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[54] **METHOD FOR MAKING MG BRASS EDM WIRE**
[54] **PROCEDE DE FABRICATION DE FIL D'USINAGE PAR ELECTROEROSION DE LAITON MG**
[72] DUDAS, DAVID JOSEPH, US
[72] BALON, RICHARD, CA
[73] E. HOLDINGS, INC., US
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[86] 2019-02-14 (PCT/US2019/017914)
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[54] **CONTAINERS WITH PULL-OFF, SNAP-FIT CAPS**
[54] **RECIPIENTS A CAPSULES ENCLIQUETABLES POUVANT ETRE RETIREES**
[72] BUZOT, HERVE, US
[73] ELC MANAGEMENT LLC, US
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[54] **MATERIAU D'INSONORISATION**
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[72] MIURA, SUSUMU, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **STRAIN GAUGE ASSEMBLY, PARTICULARLY FOR AN AXLE COUNTER**
[54] **DISPOSITIF EXTENSOMETRE, EN PARTICULIER POUR COMPTEUR D'ESSIEUX**
[72] SCHICKER, KAI, DE
[72] OLDEWURTEL, KASSEN, DE
[72] KLEMM, RAINER, DE
[72] MUSCHAWECKH, FLORIAN, DE
[72] HOFFMANN, LARS, DE
[73] THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH, DE
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[25] EN
[54] **APPARATUSES AND METHODS FOR DRYING HAY BALES**
[54] **APPAREILS ET METHODES DE SECHAGE DE BALLES DE FOIN**
[72] FEHR, TRAVIS M., CA
[73] FEHR, TRAVIS M., CA
[86] (3076779)
[87] (3076779)
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[25] EN
[54] **MDCT-BASED COMPLEX PREDICTION STEREO CODING**
[54] **CODAGE STEREO A PREDICTION COMPLEXE A BASE DE MDCT**
[72] PURNHAGEN, HEIKO, SE
[72] CARLSSON, PONTUS, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (3076786)
[87] (3076786)
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[25] EN
[54] **LOG SCALING SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE MESURE DE BILLE ET PROCEDES ASSOCIES**
[72] STROBLE, DAVID, US
[73] DATALOG, LLC, US
[85] 2020-04-17
[86] 2019-09-12 (PCT/US2019/050903)
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[54] **IDENTIFIER**
[54] **IDENTIFICATEUR**
[72] LAFFERTY, DANIEL PATRICK, GB
[73] PLEASE HOLD (UK) LIMITED, GB
[85] 2020-04-20
[86] 2018-10-19 (PCT/GB2018/053042)
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[25] EN
[54] **QUANTUM ANNEALING WITH OSCILLATING FIELDS**
[54] **RECUIT QUANTIQUE AVEC CHAMPS OSCILLANTS**
[72] KAPIT, ELIOT, US
[73] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2020-04-24
[86] 2018-10-25 (PCT/US2018/057543)
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[54] **FLOW-DIVERGER FEED INLET DISTRIBUTOR**
[54] **DISTRIBUTEUR D'ADMISSION A DERIVATION DE FLUX**
[72] KRUSE, CHARLES JOSEPH, US
[72] POORMAN, QUI TRUONG, US
[72] RAJU, RENI, US
[73] BECHTEL OIL, GAS AND CHEMICALS, INC., US
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[25] EN
[54] **IN-SITU THERMAL RESPONSE FLUID CHARACTERIZATION**
[54] **CARACTERISATION IN SITU DE REPONSE THERMIQUE DE FLUIDE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[72] BATARSEH, SAMEEH ISSA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-05-13
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[25] EN
[54] **HYDRODYNAMIC SEPARATORS, ASSEMBLIES, AND METHODS FOR STORM WATER TREATMENT**
[54] **SEPARATEURS HYDRODYNAMIQUES, ENSEMBLES ET PROCEDES DE TRAITEMENT D'EAUX PLUVIALES**
[72] BRYANT, GRAHAM J., US
[73] HYDROWORKS, LLC, US
[85] 2020-06-17
[86] 2019-01-09 (PCT/US2019/012813)
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[25] EN
[54] **LIQUID-COOLED CANTILEVER SUPPORT SHELF FOR UPPER TIERS OF REFRACTORY BRICK WALLS**
[54] **TABLETTE DE SUPPORT EN PORTE-A-FAUX AVEC REFROIDISSEMENT LIQUIDE POUR LES ETAGES SUPERIEURS DE MURS EN BRIQUES REFRACTAIRES**
[72] MACRAE, ALLAN J., US
[73] MACRAE, ALLAN J., US
[85] 2020-08-31
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[25] EN
[54] **DEVICE, KIT, AND METHOD FOR PRODUCING MEDICALLY-DELIVERABLE INTRAVENOUS SALINE SOLUTION**
[54] **DISPOSITIF, KIT ET PROCEDE DE PRODUCTION D'UNE SOLUTION SALINE INTRAVEINEUSE POUVANT ETRE ADMINISTREE MEDICALEMENT**
[72] SCALISE, MICHAEL B., US
[73] ODSS HOLDINGS, LLC, US
[85] 2020-09-15
[86] 2019-03-18 (PCT/US2019/022682)
[87] (WO2019/178586)
[30] US (62/643,910) 2018-03-16
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[25] EN
[54] **ELECTRIC POTENTIALLY-DRIVEN SHADE WITH IMPROVED COIL STRENGTH, METHODS OF MAKING THE SAME AND METHOD OF OPERATING THE SAME**
[54] **STORE ELECTRIQUE COMMANDE PAR POTENTIEL A ENROULEMENT AMELIORE, PROCEDES DE FABRICATION DUDIT STORE ET SON PROCEDE DE FONCTIONNEMENT**
[72] BLUSH, JASON, US
[72] VANDAL, ROBERT, US
[73] GUARDIAN GLASS, LLC, US
[85] 2020-10-14
[86] 2019-07-05 (PCT/IB2019/055766)
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[25] EN
[54] **BALE FEEDING APPARATUSES FOR HAY BALE DRYERS**
[54] **APPAREILS D'ALIMENTATION DE BALLES POUR SECHOIRS DE BALLES DE FOIN**
[72] FEHR, TRAVIS M., CA
[73] FEHR, TRAVIS M., CA
[86] (3101376)
[87] (3101376)
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[71] RICHARDSON, LUIGI L. R., CA
[71] RICHARDSON, LUIGI L. R., CA
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[51] **Int.Cl. E04D 13/18 (2018.01) H02S 20/25 (2014.01)**
[25] EN
[54] **SOLAR SHAKE SYSTEM FOR ROOFING AND SIDING**
[54] **SYSTEME DE BARDEAU SOLAIRE POUR UNE COUVERTURE DE TOIT OU UN PAREMENT**
[72] UNKNOWN, XX
[71] BARRIOS, ABRAHAM J., CA
[22] 2019-09-30
[41] 2021-03-30

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[54] **IDENTITE DE VACCINATION DE VOYAGEUR (TVI)**
[72] BUGINGO, FRANCOIS, CA
[71] BUGINGO, FRANCOIS, CA
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[51] **Int.Cl. A01K 13/00 (2006.01) A01K 29/00 (2006.01) A43B 3/00 (2006.01)**
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[54] **CHAUSSONS ANTIDEPARANTS POUR CHIENS**
[72] INCONNU, XX
[71] THERIAULT, MARC, CA
[22] 2019-09-30
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[25] EN
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[54] **PINCES VIBE ALIVE**
[72] ARONOVITCH, JORDAN B., CA
[71] ARONOVITCH, JORDAN B., CA
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[25] EN
[54] **BIORHYTHM PERSONAL HOME NETWORK**
[54] **RESEAU DOMESTIQUE PERSONNEL DE BIORYTHME**
[72] UNKNOWN, XX
[71] MCCONNACHIE, ANTHONY L. G., CA
[22] 2019-09-30
[41] 2021-03-30

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[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
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[54] **PROCEDE POUR RECUPERER LE PETROLE VISQUEUX DANS UN RESERVOIR**
[72] TUNNEY, CATHAL J., CA
[72] HUANG, HAIBO, CA
[72] VALLE, VICTOR DEL, CA
[72] BUNIO, GARY, CA
[72] MORRIS, PAUL, CA
[71] INNOTECH ALBERTA INC., CA
[71] SUNCOR ENERGY INC., CA
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[54] **CANTILEVERED LIFTING BEAM SYSTEM**
[54] **SYSTEME DE PALONNIER EN PORTE-A-FAUX**
[72] LONG, RYAN, CA
[72] CUSACK, TODD, CA
[72] RABY, JULIEN, CA
[71] LONG, RYAN, CA
[71] CUSACK, TODD, CA
[71] RABY, JULIEN, CA
[22] 2019-10-01
[41] 2021-04-01

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[51] **Int.Cl. A44B 15/00 (2006.01) B60R 13/10 (2006.01)**
[25] EN
[54] **PERSONALIZED KEYCHAIN LICENSE PLATE DESIGN**
[54] **CONCEPTION DE PLAQUE D`IMMATRICULATION EN CHAINE PORTE-CLES PERSONNALISEE**
[72] UNKNOWN, XX
[71] PURI HERITAGE INC., CA
[22] 2019-10-01
[41] 2021-04-01

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[51] **Int.Cl. C02F 5/08 (2006.01) C23G 1/14 (2006.01)**
[25] EN
[54] **COMPOSITION USEFUL IN METAL SULFIDE SCALE REMOVAL**
[54] **COMPOSITION UTILE DANS LE DETARTRAGE DE SULFURE METALLIQUE**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[72] LEE, ADRIENNE, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2019-10-02
[41] 2021-04-02

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06F 21/32 (2013.01) G07C 9/37 (2020.01) G06N 3/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THERMAL LIVENESS DETECTION**
[54] **METHODE ET APPAREIL DE DETECTION DE VIVACITE THERMIQUE**
[72] MAHER, AHMED, CA
[72] MAHER, MOUSTAFA, CA
[72] MAHER, MAJA C., CA
[71] DIAMONDV INC., CA
[22] 2019-10-02
[41] 2021-04-02

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[51] **Int.Cl. A47C 1/025 (2006.01) A61G 5/12 (2006.01)**
[25] EN
[54] **A SEAT**
[54] **SIEGE**
[72] SCARLETT, ROYDON M., NZ
[71] ROLAPAL LIMITED, NZ
[22] 2019-10-02
[41] 2021-04-02

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[51] **Int.Cl. B62K 11/00 (2013.01) B60L 50/60 (2019.01) A63C 17/01 (2006.01) A63C 17/06 (2006.01) A63C 17/26 (2006.01)**
[25] EN
[54] **TWO RIDER LONG DECK ATTACHMENT FOR TRADITIONAL KICK SCOOTERS OF ALL WHEEL SIZES, WITH ON DECK CARGO BOX AND CONNECTING SCOOTER TRAILER**
[54] **ACCESSOIRE DE PLANCHE ALLONGEE A DEUX UTILISATEURS POUR LES TROTTINETTES TRADITIONNELLES, TOUTES DIMENSIONS DE ROUES CONFONDUES, AVEC PANIER SUR PLANCHE ET REMORQUE RACCORDABLE**
[72] CHEVERIE, DAVID JOSEPH, CA
[71] CHEVERIE, DAVID JOSEPH, CA
[22] 2019-10-02
[41] 2021-04-02

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[51] **Int.Cl. E21B 17/04 (2006.01) E21B 17/043 (2006.01)**
[25] EN
[54] **A DOWNHOLE COUPLING MECHANISM**
[54] **MECANISME D`ACCOUPLEMENT EN FOND DE TROU**
[72] RADTKE, CAMERON, GB
[72] TURRELL, PHILIP, GB
[71] MORPHPACKERS US, US
[22] 2019-09-30
[41] 2021-03-30

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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **RE-DEPLOYABLE WELL-PAD FACILITY AND METHOD THEREFOR**
[54] **INSTALLATION DE PLATEFORME D`EXPLOITATION REDEPLOYABLE ET METHODE CONNEXE**
[72] XIE, YUE, CA
[72] PANG, ALEX, CA
[72] CHAN, TOMSON (HONG SHUN), CA
[71] HQCEC CANADA CO. LTD., CA
[22] 2019-10-02
[41] 2021-04-02

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[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) A61B 5/021 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR MEASURING PHYSICAL DYNAMIC STATE VARIABLES OF A FLUID: PRESSURE-VOLUME, FREQUENCY, DYSRHYTHMIA, WORK, POWER, VELOCTIY, AND VOLUME WITH RESPECT TO TIME**
[54] **INSTRUMENT POUR MESURER LES VARIABLES D`ETAT DYNAMIQUE PHYSIQUE D`UN FLUIDE : PRESSION VOLUME, FREQUENCE, DYSRYTHMIE, EFFORT, PUISSANCE, VITESSE ET VOLUME PAR RAPPORT AU TEMPS**
[72] BUSTILLOS CEPEDA, JESUS, CA
[71] BUSTILLOS CEPEDA, JESUS, CA
[22] 2019-10-03
[41] 2021-04-03

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[51] **Int.Cl. A47J 37/07 (2006.01) B08B 3/02 (2006.01) F24C 14/00 (2006.01)**
[25] EN
[54] **SELF-CLEANING BARBECUE**
[54] **BARBECUE AUTONETTOYANT**
[72] ZERITIS, HARRY, CA
[71] ZERITIS, HARRY, CA
[22] 2019-10-03
[41] 2021-04-03
[30] US (16/591,900) 2019-10-03

[21] **3,057,509**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06N 20/00 (2019.01)**
[25] EN
[54] **PREDICTING SUCCESS PROBABILITY OF CHANGE REQUESTS**
[54] **PREVISION DE LA PROBABILITE DE REUSSITE DE DEMANDES DE CHANGEMENT**
[72] KWONG, HELENA JANE, CA
[72] MAHAJAN, NITIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-03
[41] 2021-04-03

[21] **3,057,647**
[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/015 (2006.01) A61K 31/7048 (2006.01) A61P 17/02 (2006.01) C07H 17/07 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATIONS AND INSTILLATES, KITS, AND METHODS FOR TREATING INTEGUMENTARY WOUNDS, AND USES THEREOF**
[54] **FORMULATIONS TOPIQUES, INSTILLATIONS, TROUSSES ET METHODES DE TRAITEMENT DE BLESSURES TEGUMENTAIRES, ET UTILISATIONS CONNEXES**
[72] MAIDA, VINCENZO, CA
[71] VINSAN THERAPEUTICS INC., CA
[22] 2019-10-03
[41] 2021-04-03

[21] **3,057,660**
[13] A1
[51] **Int.Cl. F24B 1/195 (2006.01) A45F 3/00 (2006.01) E04B 1/94 (2006.01) F16L 59/08 (2006.01) F16S 1/02 (2006.01)**
[25] EN
[54] **HEAT REFLECTIVE APPARATUS**
[54] **APPAREIL DE REFLEXION DE CHALEUR**
[72] OFFERHAUS, MIKE, CA
[71] OFFERHAUS, MIKE, CA
[22] 2019-10-04
[41] 2021-04-03
[30] US (16591908) 2019-10-03

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[51] **Int.Cl. G06Q 30/00 (2012.01) G02B 27/01 (2006.01) G06F 3/14 (2006.01) G06K 9/78 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACCESSING AND PROVIDING VEHICLE INFORMATION IN AUGMENTED REALITY**
[54] **SYSTEME ET METHODE D`ACCES A DES RENSEIGNEMENTS DE VEHICULE ET DE FOURNITURE DE CES RENSEIGNEMENTS EN REALITE AUGMENTEE**
[72] NAVARRO, MIGUEL, CA
[72] SUTTER, LEVI, CA
[72] ABBAS, MOHAMED, CA
[72] HAUSE, MATHEW, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-18
[41] 2021-03-30
[30] US (16/587,513) 2019-09-30

[21] **3,061,531**
[13] A1
[51] **Int.Cl. F16L 37/138 (2006.01) F16L 37/092 (2006.01)**
[25] EN
[54] **QUICK-INSERTION COUPLING JOINT**
[54] **JOINT D`ACCOUPLEMENT A INSERTION RAPIDE**
[72] LU, XIAOBIN, CN
[72] YANG, CHENGYONG, CN
[71] LUXE MACHINERY CO., LTD., CN
[22] 2019-11-13
[41] 2021-03-30
[30] CN (201910939876.5) 2019-09-30

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[51] **Int.Cl. B64D 31/00 (2006.01) B64D 27/24 (2006.01) H02K 7/14 (2006.01) H02P 31/00 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR FOR PROPELLER ENGINE**
[54] **MOTEUR ELECTRIQUE DE MOTEUR D`HELICE**
[72] SEMINEL, BRUNO, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2019-12-13
[41] 2021-03-30
[30] EP (19290096.7) 2019-09-30

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[13] A1
[51] **Int.Cl. F16K 31/60 (2006.01) E03C 1/05 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **FAUCET HANDLE WITH ANGLED INTERFACE**
[54] **POIGNEE DE ROBINET A INTERFACE EN ANGLE**
[72] WALES, JOSHUA, US
[72] DAVIDSON, KYLE R., US
[72] THOMAS, KURT J., US
[72] BROWN, DEREK A., US
[72] SHAW, RYAN J., US
[71] DELTA FAUCET COMPANY, US
[22] 2019-12-19
[41] 2021-03-30
[30] US (16/587,623) 2019-09-30

[21] **3,073,909**
[13] A1
[51] **Int.Cl. B64D 35/06 (2006.01) B64C 11/48 (2006.01) B64D 27/24 (2006.01) B64D 35/02 (2006.01) B64D 35/08 (2006.01) F02B 61/04 (2006.01) F02B 65/00 (2006.01) F16H 37/06 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR COUNTER-ROTATING PARTS**
[54] **SYSTEME D`ENTRAINEMENT POUR DES PIECES CONTRAROTATIVES**
[72] SEMINEL, BRUNO, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2020-02-26
[41] 2021-03-30
[30] EP (19290097.5) 2019-09-30

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[13] A1
[51] **Int.Cl. A24F 40/40 (2020.01) A24F 40/42 (2020.01) A24F 40/46 (2020.01) A61M 15/06 (2006.01)**
[25] EN
[54] **DUAL COIL VAPORIZER INHALATION CARTRIDGE FOR HIGH VISCOSITY OIL OR RESIN**
[54] **CARTOUCHE D`INHALATION DE VAPORISATEUR A DOUBLE BOBINE POUR LES HUILES A GRANDE VISCOSITE ET LES RESINES**
[72] TYGETT, BRETT W., US
[71] TYGETT, BRETT W., US
[22] 2020-02-28
[41] 2021-04-01
[30] US (16589388) 2019-10-01

[21] **3,077,882**
[13] A1
[51] **Int.Cl. A61C 3/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL ORAL SURGERY TOOL AND METHODS**
[54] **OUTIL DE CHIRURGIE BUCCALE EN TROIS DIMENSIONS ET METHODES**
[72] YOON, JONG KWON, CA
[71] YOON, JONG KWON, CA
[22] 2020-04-03
[41] 2021-04-02
[30] US (62/909,692) 2019-10-02

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[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01) H04W 24/02 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **INTELLIGENT RADIO BAND RECONFIGURATION**
[54] **RECONFIGURATION INTELLIGENTE DE BANDE RADIO**
[72] WANG, WENFENG, US
[71] JUNIPER NETWORKS, INC., US
[22] 2020-06-12
[41] 2021-03-30
[30] US (16/696,231) 2019-11-26
[30] US (62/907,889) 2019-09-30

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06Q 40/06 (2012.01) G06F 16/90 (2019.01) G06N 20/00 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ITERATIVE GENERATION AND PLOTTING OF MACHINE LEARNING OUTCOMES ON A USER INTERFACE**
[54] **SYSTEMES ET METHODES POUR LA GENERATION ET LE TRACAGE ITERATIFS DE RESULTATS D`APPRENTISSAGE AUTOMATIQUE SUR UNE INTERFACE UTILISATEUR**
[72] HOWELL, RANDAL SCOTT, US
[72] THEODORAKOS, NICHOLAS, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2020-06-12
[41] 2021-03-30
[30] US (16/588,553) 2019-09-30

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[13] A1
[51] **Int.Cl. G06F 16/90 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTING DATABASE INTERACTIONS AND EVALUATING INTERACTION PARAMETERS**
[54] **SYSTEMES ET METHODES POUR CALCULER DES INTERACTIONS DE BASES DE DONNEES ET EVALUER LES PARAMETRES D`INTERACTION**
[72] HOWELL, RANDAL SCOTT, US
[72] HAINS, ERIC JOHN, US
[72] WEBSTER, JUSTIN WAYNE, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2020-06-12
[41] 2021-03-30
[30] US (16/588,624) 2019-09-30

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[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01) G06Q 40/06 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **RECOMMENDATION SYSTEM FOR PROVIDING OPTIONS ON A USER INTERFACE**
[54] **SYSTEME DE RECOMMANDATION POUR FOURNIR DES OPTIONS SUR UNE INTERFACE UTILISATEUR**
[72] LAW, SEAN MING-YIN, US
[72] HABRA, ABD ALRAZZAK, US
[72] RATHOD, ASHISH, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2020-06-12
[41] 2021-03-30
[30] US (16/587,544) 2019-09-30

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[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01) H04L 9/32 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IP-BASED NETWORK INTRUSION DETECTION AND PREVENTION**
[54] **METHODES ET SYSTEMES DE DETECTION ET DE PREVENTION DES INTRUSIONS DE RESEAU AXEES SUR L`IP**
[72] WILL, BRADLEY SCOTT, US
[72] SERAFINO, MICHAEL JOHN, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2020-06-12
[41] 2021-03-30
[30] US (16/589,028) 2019-09-30

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[13] A1
[51] **Int.Cl. A47G 21/00 (2006.01) A47G 19/30 (2006.01)**
[25] EN
[54] **DISPENSING BOX HOLDER**
[54] **SUPPORT DE DISTRIBUTION DE BOITE**
[72] LIN, MEI, US
[71] REPUBLIC TOBACCO L.P., US
[22] 2020-06-16
[41] 2021-04-01
[30] US (16/590,125) 2019-10-01

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[51] **Int.Cl. H04W 4/06 (2009.01) H04W 4/12 (2009.01) H04W 40/02 (2009.01) H04W 4/80 (2018.01) H04R 1/10 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION HEADSET SYSTEM**
[54] **SYSTEME DE CASQUE DE COMMUNICATION SANS FIL**
[72] SNAGG, RONALD, US
[71] SNAGG, RONALD, US
[22] 2020-07-10
[41] 2021-04-01
[30] US (62/909,180) 2019-10-01
[30] US (16/813,980) 2020-03-10

[21] **3,087,452**
[13] A1
[51] **Int.Cl. H04W 24/06 (2009.01) H04W 64/00 (2009.01) H04W 4/021 (2018.01) H04W 4/90 (2018.01)**
[25] EN
[54] **TESTING GEOFENCED ALERTS**
[54] **MISE A L`ESSAI D`ALERTES GEOBLOQUEES**
[72] LAN, WEI-MING, US
[71] T-MOBILE USA, INC., US
[22] 2020-07-21
[41] 2021-03-30
[30] US (16/588,656) 2019-09-30

[21] **3,087,788**
[13] A1
[51] **Int.Cl. A01D 41/06 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **COMBINE HEADER WITH SPLIT AUGERS AND METHOD OF USING THE SAME**
[54] **COLLECTEUR DE MOISSONNEUSE-BATTEUSE A TARIERES DIVISEES ET METHODE D`UTILISATION**
[72] KUMAR, SUMIT, IN
[72] PELLEGRINI, ERIC HANS PIERRE, DE
[72] FREEHILL, JUSTIN C., US
[72] YANKE, BRYAN R., US
[72] BOMLENY, DUANE M., US
[72] PIERSON, JOSHUA R., US
[72] KANE, LAWRENCE F., US
[72] PARTHASARATHY, BALAJI, US
[71] DEERE & COMPANY, US
[22] 2020-07-23
[41] 2021-03-30
[30] US (62/907,975) 2019-09-30
[30] US (16/934,317) 2020-07-21

[21] **3,089,186**
[13] A1
[51] **Int.Cl. H01Q 1/42 (2006.01) H01Q 1/32 (2006.01)**
[25] EN
[54] **COMPOUND CURVATURE CONFORMAL ANTENNA**
[54] **ANTENNE CONFORMEE A COURBE COMPOSEE**
[72] GOMEZ, FRANCISCO X., US
[71] PC-TEL, INC., US
[22] 2020-08-06
[41] 2021-03-30
[30] US (62/908,577) 2019-09-30
[30] US (16/921,671) 2020-07-06

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[13] A1
[51] **Int.Cl. F21S 10/00 (2006.01) F21K 9/00 (2016.01) F21S 4/24 (2016.01) H05B 45/20 (2020.01) H05B 45/37 (2020.01) H05B 45/42 (2020.01) H05B 47/155 (2020.01)**
[25] EN
[54] **MULTI-COLOR FLAT ROPE LIGHT STRING SYSTEM**
[54] **SYSTEME DE BANDES LUMINEUSES PLATES MULTICOLORES**
[72] MCRAE, MICHAEL M., US
[71] NATIONAL TREE COMPANY, US
[22] 2020-08-24
[41] 2021-03-30
[30] US (16/588,537) 2019-09-30
[30] US (16/852,828) 2020-04-20

[21] **3,092,046**
[13] A1
[51] **Int.Cl. B66F 19/00 (2006.01) E02F 5/00 (2006.01)**
[25] EN
[54] **TRACTION ASSIST APPARATUS AND METHOD FOR A WORK MACHINE**
[54] **APPAREIL D`AIDE A L`ADHERENCE ET METHODE POUR UNE MACHINE DE TRAVAIL**
[72] LAWLER, RICHARD J., US
[72] NEUMANN, BRYON P., CA
[71] DEERE & COMPANY, US
[22] 2020-09-02
[41] 2021-04-03
[30] US (16/592,019) 2019-10-03

[21] **3,092,673**
[13] A1
[51] **Int.Cl. G10L 15/32 (2013.01) B60W 50/08 (2020.01) G10L 15/26 (2006.01)**
[25] EN
[54] **INTELLIGENT RECORDING AND ACTION SYSTEM AND METHOD**
[54] **SYSTEME INTELLIGENT D`ENREGISTREMENT ET D`ACTION, ET METHODE**
[72] LAYTON, LEONARD CHARLES, CA
[71] BLACKBERRY LIMITED, CA
[22] 2020-09-10
[41] 2021-04-01
[30] US (16/589,267) 2019-10-01

[21] **3,092,852**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC CONTROL OF WELDING PARAMETER OUTPUT RANGES**
[54] **SYSTEMES ET METHODES DE COMMANDE AUTOMATIQUE DES GAMMES DE SORTIES DE PARAMETRES DE SOUDAGE**
[72] DUNAHOO, JASON, US
[72] ROSERA, CALEB, US
[72] JOHNSON, NATHAN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-09-11
[41] 2021-04-02
[30] US (62/909,516) 2019-10-02
[30] US (17/015,303) 2020-09-09

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[13] A1
[51] **Int.Cl. E04F 19/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE MOLDING ASSEMBLIES AND METHODS**
[54] **ENSEMBLES DE MOULAGE AJUSTABLES ET METHODES**
[72] ELLIOTT, BENJAMIN R., US
[72] MOORE, DAVID W., US
[71] ALADDIN MANUFACTURING CORPORATION, US
[22] 2020-09-15
[41] 2021-03-30
[30] US (62/907,928) 2019-09-30

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAILER SELECTION AND DELIVERY OPTIMIZATION**
[54] **SYSTEME ET METHODE DE SELECTION DE L`EXPEDITEUR ET D`OPTIMISATION DE LA LIVRAISON**
[72] WONG, KEN-TUIN, CA
[72] PIETERSEN, OLIVIA, CA
[72] RIDUNG, CHRISTOPHER, CA
[72] HYMAN, MARC, CA
[72] WONG, ADAM, CA
[72] TAYLOR, RODNEY, CA
[72] REIBEL, JASON, CA
[71] CROWNHILL PACKAGING LTD., CA
[22] 2020-09-15
[41] 2021-04-03
[30] US (62/909866) 2019-10-03

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[13] A1
[51] **Int.Cl. B64C 27/473 (2006.01) B64C 11/26 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING A REINFORCEMENT MEMBER FOR AN AIRCRAFT BLADE**
[54] **PROCEDE DE FABRICATION D'UN ORGANE DE RENFORT D'UNE PALE D'AERONEF**
[72] GAFFIERO, JACQUES, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2020-09-16
[41] 2021-04-01
[30] FR (1910867) 2019-10-01

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[13] A1
[51] **Int.Cl. F16K 31/60 (2006.01) E03C 1/04 (2006.01) F16K 11/02 (2006.01) F16K 31/02 (2006.01) F16K 31/04 (2006.01)**
[25] EN
[54] **FAUCET HANDLE WITH ANGLED INTERFACE**
[54] **POIGNEE DE ROBINET A INTERFACE EN ANGLE**
[72] WALES, JOSHUA, US
[72] DAVIDSON, KYLE R., US
[72] THOMAS, KURT J., US
[72] BROWN, DEREK A., US
[72] SHAW, RYAN J., US
[71] DELTA FAUCET COMPANY, US
[22] 2020-09-17
[41] 2021-03-30
[30] US (16/587,623) 2019-09-30

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[13] A1
[51] **Int.Cl. D21F 7/12 (2006.01) D03D 13/00 (2006.01)**
[25] EN
[54] **DRYER FABRIC**
[54] **TOILE SECHEUSE**
[72] ENQVIST, RAUNO, FI
[71] VALMET TECHNOLOGIES OY, FI
[22] 2020-09-17
[41] 2021-04-03
[30] FI (FI 20195843) 2019-10-03

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[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) H04B 17/318 (2015.01) H04W 4/30 (2018.01) G01B 7/00 (2006.01) G01S 5/00 (2006.01)**
[25] EN
[54] **CROWD SOURCED MULTI-STAGE MOBILE DEVICE FINGERPRINT BASED NAVIGATION**
[54] **NAVIGATION MULTIETAPE EXTERNALISEE FONDEE SUR LES EMPREINTES DES APPAREILS MOBILES**
[72] HUBERMAN, SEAN, CA
[72] KARON, JOSHUA, CA
[71] MAPSTED CORP., CA
[22] 2020-09-17
[41] 2021-03-30
[30] US (16587362) 2019-09-30

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[21] **3,093,433**
[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) H04B 17/318 (2015.01) G01S 5/00 (2006.01) G01V 3/08 (2006.01)**
[25] EN
[54] **INFRASTRUCTURE CHARACTERISTICS BASED MOBILE DEVICE NAVIGATION**
[54] **NAVIGATION D`APPAREIL MOBILE AXEE SUR LES CARACTERISTIQUES DE L`INFRASTRUCTURE**
[72] HUBERMAN, SEAN, CA
[72] KARON, JOSHUA, CA
[71] MAPSTED CORP., CA
[22] 2020-09-17
[41] 2021-03-30
[30] US (16587392) 2019-09-30

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[21] **3,093,748**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) B60S 5/00 (2006.01)**
[25] EN
[54] **VEHICLE REPAIR WORKFLOW AUTOMATION WITH OEM REPAIR PROCEDURE VERIFICATION**
[54] **AUTOMATISATION DU FLUX DE TRAVAIL DES REPARATIONS DE VEHICULE ET VERIFICATION DES PROCEDURES DE REPARATION DU FEO**
[72] ROZINT, JOHN JOSEPH, US
[72] NGUYEN, KIEN, US
[72] BUTCH, THOMAS, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2020-09-21
[41] 2021-03-30
[30] US (62/908,385) 2019-09-30
[30] US (17/023,251) 2020-09-16

[21] **3,093,768**
[13] A1
[51] **Int.Cl. H02B 1/30 (2006.01) H02B 1/56 (2006.01) H02H 7/08 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **ARC RESISTANT DEVICE AND METHOD**
[54] **DISPOSITIF RESISTANT A L`ARC ET METHODE**
[72] CAMPOS, WALTER, US
[72] MARTINEZ, ENRIQUE, US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
[22] 2020-09-21
[41] 2021-03-30
[30] US (16/588,091) 2019-09-30

[21] **3,093,996**
[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01)**
[25] EN
[54] **TRENCH DRAIN ALIGNMENT SYSTEM**
[54] **SYSTEME D`ALIGNEMENT DE TRANCHEE DRAINANTE**
[72] PRIESTER, DONALD ELWYN, US
[71] JAY R. SMITH MFG. CO., ASSUMED NAME OF SMITH INDUSTRIES, INC., US
[22] 2020-09-23
[41] 2021-04-02
[30] US (16/590748) 2019-10-02

[21] **3,094,064**
[13] A1
[51] **Int.Cl. E02D 5/74 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **DIFFERENTIAL SETTLEMENT ANCHORS**
[54] **ANCRAGES POUR TASSEMENT DIFFERENTIEL**
[72] SCHWAB, FRANK, US
[72] MARKLE, DAVID A., US
[71] THERMACRETE LLC, US
[22] 2020-09-22
[41] 2021-04-03
[30] US (16/592.382) 2019-10-03

[21] **3,094,193**
[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01) G16H 40/60 (2018.01) A61B 18/00 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING DELIVERY OF ELECTROSURGICAL ENERGY**
[54] **SYSTEMES ET METHODES POUR CONTROLER L`ALIMENTATION D`ENERGIE ELECTROCHIRURGICALE**
[72] ZHAO, JING, US
[72] WHAM, ROBERT H., US
[72] BROWN, CHRISTOPHER T., US
[72] DHIMAN, ANJALI, US
[71] COVIDIEN LP, US
[22] 2020-09-24
[41] 2021-04-02
[30] US (62/909,361) 2019-10-02

[21] **3,094,213**
[13] A1
[51] **Int.Cl. H01Q 13/28 (2006.01) H01Q 5/00 (2015.01)**
[25] EN
[54] **PARTITIONED VARIABLE INCLINATION CONTINUOUS TRANSVERSE STUB ARRAY**
[54] **BATTERIE D`ANTENNES PARTITIONNEE A BRAS DE REACTANCE TRANSVERSAL CONTINU EN INCLINAISON VARIABLE**
[72] MILROY, WILLIAM W., US
[72] LEMONS, ALAN, US
[71] THINKOM SOLUTIONS, INC., US
[22] 2020-09-22
[41] 2021-04-01
[30] US (16/589,203) 2019-10-01

[21] **3,094,233**
[13] A1
[51] **Int.Cl. G01N 29/44 (2006.01) E21B 47/002 (2012.01) G01N 21/954 (2006.01) G01N 27/00 (2006.01) G01N 29/265 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **INTELLIGENT LOCALIZED HIGH-RESOLUTION IMAGING OF TUBULARS**
[54] **IMAGERIE HAUTE-RESOLUTION LOCALISEE INTELLIGENTE DE TUBULAIRES**
[72] ROBINSON, STEPHEN, CA
[72] KOLB, KURT, CA
[71] DARKVISION TECHNOLOGIES INC, CA
[22] 2020-09-24
[41] 2021-04-03
[30] GB (1914258.7) 2019-10-03

[21] **3,094,285**
[13] A1
[51] **Int.Cl. G01M 11/00 (2006.01) B23K 26/70 (2014.01) G07C 3/00 (2006.01) H01S 3/30 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING THE OPERATING CONDITION OF AN OPTICAL ELEMENT ARRANGED ALONG A PROPAGATION PATH OF A LASER BEAM OF A MACHINE FOR PROCESSING A MATERIAL, SYSTEM FOR CARRYING OUT SAID METHOD AND A LASER PROCESSING MACHINE PROVIDED WITH SAID SYSTEM**
[54] **METHODE DE DETECTION DE LA CONDITION D`EXPLOITATION D`UN ELEMENT OPTIQUE PLACE LE LONG D`UN TRAJET DE PROPAGATION D`UN RAYON LASER D`UNE MACHINE POUR LE TRAITEMENT D`UN MATERIAU, SYSTEME D`EXECUTION DE LADITE METHODE ET MACHINE DE TRAITEMENT LASER COMPRENANT LEDIT SYSTEME**
[72] SBETTI, MAURIZIO, IT
[72] GANDOLFI, DAVIDE, IT
[72] VANIN, MATTIA, IT
[71] ADIGE S.P.A., IT
[22] 2020-09-24
[41] 2021-04-02
[30] IT (10 2019 000017735) 2019-10-02

[21] **3,094,497**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING IMPLEMENT ASSEMBLIES OF MACHINES**
[54] **METHODE ET SYSTEME D`EXPLOITATION D`ENSEMBLES D`INSTRUMENTS DE MACHINES**
[72] KUMAR P. H., PRADEEP, IN
[71] CATERPILLAR UNDERGROUND MINING PTY. LTD., AU
[22] 2020-09-25
[41] 2021-04-01
[30] AU (2019240588) 2019-10-01

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[21] **3,094,621**
[13] A1
[51] **Int.Cl. A63J 17/00 (2006.01)**
[25] EN
[54] **TOUCH SENSITIVE AUDIO-VISUAL INPUT/OUTPUT DEVICE AND METHOD**
[54] **DISPOSITIF D`ENTREE-SORTIE AUDIOVISUELLE TACTILE ET METHODE**
[72] KLEIN, ALEX, GB
[72] SCHILLINGER, BRUNO, GB
[72] WOOD, TED, GB
[72] DERVISH, KEMAL, GB
[72] SCHNEIDERMAN, ELLIOT, GB
[72] GRIFFITH, PETER, GB
[72] SUBRAHMANYA, CHAITHRIKA U., GB
[72] SATHE, VAISH, GB
[72] HICKS, JAMES, GB
[72] GABOR, GABRIEL, GB
[72] SUPPER, BEN, GB
[72] LOVE, DAN, GB
[71] KANO COMPUTING LIMITED, GB
[22] 2020-09-28
[41] 2021-03-30
[30] GB (1914095.3) 2019-09-30

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[21] **3,094,643**
[13] A1
[51] **Int.Cl. B05D 1/26 (2006.01)**
[25] FR
[54] **DEVICE AND PROCESS FOR AUTOMATIC APPLICATION OF A VISCOUS PRODUCT ON A RIVET HEAD**
[54] **DISPOSITIF ET PROCEDE POUR L'APPLICATION AUTOMATIQUE D'UN PRODUIT VISQUEUX SUR UNE TETE DE RIVET**
[72] DUMAS, CLAIRE, FR
[72] CAZABAN-LOUSTAUNAU, DAVID, FR
[72] TANA, ALAIN, FR
[72] LEBEL, DENIS, FR
[71] DAHER AEROSPACE, FR
[22] 2020-09-28
[41] 2021-03-30
[30] FR (1910843) 2019-09-30

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[21] **3,094,668**
[13] A1
[51] **Int.Cl. E04D 3/36 (2006.01) F16B 43/00 (2006.01) F16J 15/14 (2006.01)**
[25] EN
[54] **SELF-SEALING ROOF FASTENER**
[54] **FIXATION DE TOIT AUTO-OBTURANTE**
[72] ZHENG, YAN, US
[72] CHICH, ADEM, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2020-09-29
[41] 2021-03-30
[30] US (62/907,996) 2019-09-30

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[21] **3,094,675**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] ZHAO, GUANG-HUI, CN
[71] WONDERLAND SWITZERLAND AG, CH
[22] 2020-09-28
[41] 2021-03-30
[30] CN (201910944356.3) 2019-09-30

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[21] **3,094,685**
[13] A1
[51] **Int.Cl. F01D 11/14 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **PANEL FOR TIP CLEARANCE CONTROL**
[54] **PANNEAU DE CONTROLE DU JEU A L`EXTREMITE**
[72] BELTRAN PARIS, JOSE FRANCISCO, ES
[71] ITP EXTERNALS, S.L., ES
[22] 2020-09-29
[41] 2021-04-01
[30] EP (19382844.9) 2019-10-01

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[21] **3,094,688**
[13] A1
[51] **Int.Cl. F25B 49/02 (2006.01) F24F 11/38 (2018.01) F25B 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONDENSER DIAGNOSTICS**
[54] **SYSTEMES ET METHODES DE DIAGNOSTICS DE CONDENSATEUR**
[72] KRISHNAMOORTHY, NARESH KUMAR, IN
[72] GREINER, PEDRO JESUS, US
[71] HILL PHOENIX, INC., US
[22] 2020-09-28
[41] 2021-03-30
[30] US (16/587,642) 2019-09-30

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[21] **3,094,734**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/66 (2006.01) H04M 1/23 (2006.01) H04M 3/42 (2006.01)**
[25] EN
[54] **TELEPHONE SYSTEM WITH CUSTOMIZABLE ADVERTISING FUNCTIONALITIES**
[54] **RESEAU TELEPHONIQUE A FONCTIONS D`ANNONCE PERSONNALISABLES**
[72] PASQUALE, RAYMOND, US
[72] PHELAN, THOMAS R., US
[71] UNIFIED OFFICE, INC., US
[22] 2020-09-29
[41] 2021-04-01
[30] US (62/908,668) 2019-10-01

[21] **3,094,736**
[13] A1
[51] **Int.Cl. B60S 9/04 (2006.01)**
[25] EN
[54] **DOUBLE LANDING GEAR FOR TRAILER**
[54] **TRAIN D`ATTERRISSAGE DOUBLE POUR REMORQUE**
[72] DI BIASE, JOSEPH J., CA
[71] IDEAL WAREHOUSE INNOVATIONS, INC., CA
[22] 2020-09-29
[41] 2021-03-30
[30] US (62/907994) 2019-09-30

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[21] **3,094,757**
[13] A1
[51] **Int.Cl. B64C 19/02 (2006.01) B64C 13/18 (2006.01)**
[25] EN
[54] **AIRCRAFT CONTROL SYSTEMS AND METHODS USING SLIDING MODE CONTROL AND FEEDBACK LINEARIZATION**
[54] **SYSTEMES ET METHODES DE COMMANDE D`AERONEF UTILISANT UN CONTROLE SLIDING MODE ET LA LINEARISATION DE REACTION**
[72] KRON, AYMERIC, CA
[71] BOMBARDIER INC., CA
[22] 2020-09-29
[41] 2021-03-30
[30] US (62/907,839) 2019-09-30

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[21] **3,094,769**
[13] A1
[51] **Int.Cl. F16B 1/00 (2006.01) A47C 7/00 (2006.01) F16B 7/14 (2006.01) F16B 19/02 (2006.01)**
[25] EN
[54] **LOCKING POSITIONING PIN**
[54] **TIGE DE POSITIONNEMENT VERROUILLANTE**
[72] CHARBONEAU, DANIEL BENNETT, CA
[72] FOSTER, MARK LEIGHTON, CA
[72] PEEREBOOM, DARYL PETER, CA
[72] LEE, RYAN DAVID, CA
[71] ALLSALT MARITIME CORPORATION, CA
[22] 2020-09-29
[41] 2021-03-30
[30] US (62/908,454) 2019-09-30

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[21] **3,094,772**
[13] A1
[51] **Int.Cl. B64C 13/24 (2006.01) F16D 7/02 (2006.01) F16D 43/25 (2006.01)**
[25] FR
[54] **AIRCRAFT ACTUATOR TORQUE LIMITER, ACTUATOR, AIRCRAFT AND ASSOCIATED PROCESSES**
[54] **LIMITEUR DE COUPLE D'ACTIONNEUR D'AERONEF, ACTIONNEUR, AERONEF ET PROCEDE ASSOCIES**
[72] FAURE, ANTOINE PATRICK, FR
[71] DASSAULT AVIATION, FR
[22] 2020-09-30
[41] 2021-04-03
[30] FR (1910951) 2019-10-03

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[21] **3,094,773**
[13] A1
[51] **Int.Cl. A61B 5/16 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR RESOLVING GENERALIZED AND TRAUMA RELATED ANXIETY**
[54] **METHODE DE TRAITEMENT DE L`ANXIETE GENERALE OU CAUSEE PAR UN TRAUMATISME**
[72] HOLEN, SCOTT, US
[71] HOLEN, SCOTT, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908426) 2019-09-30

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[21] **3,094,775**
[13] A1
[25] EN
[54] **PUMP ASSEMBLY AND RELATED METHODS**
[54] **ENSEMBLE DE POMPE ET METHODES CONNEXE**
[72] GARCIA, MICHAEL STEVEN, US
[72] MAYLEBEN, PHILIP ANTHONY, US
[72] HAFELE, NICHOLAS STEVEN, US
[71] WAYNE/SCOTT FETZER COMPANY, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,458) 2019-09-30
[30] US (63/085,031) 2020-09-29

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[13] A1
[51] **Int.Cl. B60K 15/06 (2006.01)**
[25] EN
[54] **RESERVE FUEL SYSTEM**
[54] **SYSTEME DE CARBURANT DE RESERVE**
[72] CONTE, SAMUEL S., US
[72] BRITTON, JEFFREY, US
[71] S & J 17, LLC, US
[22] 2020-09-30
[41] 2021-04-01
[30] US (62/908,911) 2019-10-01

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[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) H04B 10/80 (2013.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ONBOARDING IN DISTRIBUTED ACCESS ARCHITECTURES**
[54] **SYSTEMES ET METHODES D`INTEGRATION DANS DES ARCHITECTURES D`ACCES REPARTI**
[72] BUSCH, CHRIS, CA
[72] BARAN, DAVID, US
[71] ARRIS ENTERPRISES LLC, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/907,804) 2019-09-30

[21] **3,094,778**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 40/08 (2012.01) G06N 20/00 (2019.01) B60S 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED VEHICLE REPAIR ESTIMATION BY ADAPTIVE ENSEMBLING OF MULTIPLE ARTIFICIAL INTELLIGENCE FUNCTIONS**
[54] **ESTIMATION AUTOMATIQUE DE REPARATION D`UN VEHICULE PAR APPRENTISSAGE ENSEMBLISTE ADAPTATIF DE MULTIPLES FONCTIONS D`INTELLIGENCE ARTIFICIELLE**
[72] GULATI, ABHIJEET, US
[72] HYLAND, JOSEPH, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,348) 2019-09-30
[30] US (62/908,354) 2019-09-30
[30] US (62/908,361) 2019-09-30

[21] **3,094,782**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 40/08 (2012.01) G06N 20/00 (2019.01) B60S 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED VEHICLE REPAIR ESTIMATION BY PREFERENTIAL ENSEMBLING OF MULTIPLE ARTIFICIAL INTELLIGENCE FUNCTIONS**
[54] **ESTIMATION AUTOMATIQUE DE REPARATION D`UN VEHICULE PAR APPRENTISSAGE ENSEMBLISTE PREFERENTIEL DE MULTIPLES FONCTIONS D`INTELLIGENCE ARTIFICIELLE**
[72] GULATI, ABHIJEET, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,348) 2019-09-30
[30] US (62/908,354) 2019-09-30
[30] US (62/908,361) 2019-09-30

[21] **3,094,783**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 40/08 (2012.01) G06N 20/00 (2019.01) B60S 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED VEHICLE REPAIR ESTIMATION BY VOTING ENSEMBLING OF MULTIPLE ARTIFICIAL INTELLIGENCE FUNCTIONS**
[54] **ESTIMATION AUTOMATIQUE DE REPARATION D`UN VEHICULE PAR APPRENTISSAGE ENSEMBLISTE VOTANT DE MULTIPLES FONCTIONS D`INTELLIGENCE ARTIFICIELLE**
[72] GULATI, ABHIJEET, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,348) 2019-09-30
[30] US (62/908,354) 2019-09-30
[30] US (62/908,361) 2019-09-30

[21] **3,094,811**
[13] A1
[51] **Int.Cl. B66F 9/06 (2006.01) B60K 37/06 (2006.01) B60W 50/08 (2020.01) B66F 9/22 (2006.01) G05B 9/02 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION USER INTERFACE FOR A FORKLIFT**
[54] **INTERFACE UTILISATEUR MULTIFONCTION POUR CHARIOT ELEVATEUR A FOURCHE**
[72] BURTON, CALEB, US
[72] DAVIS, BLAKE, US
[72] MINKS, BRITT NATHANIEL, US
[72] MALCOMB, PAUL, US
[72] SHAW, KEVIN, US
[72] HUFFER, DENNIS P., US
[71] TOYOTA INDUSTRIAL EQUIPMENT MFG., INC., US
[22] 2020-09-30
[41] 2021-04-01
[30] US (62/908889) 2019-10-01

[21] **3,094,855**
[13] A1
[51] **Int.Cl. G05D 1/02 (2020.01) B60W 60/00 (2020.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR MONITORING AUTONOMOUS VEHICLES**
[54] **APPAREIL ET METHODES DE SURVEILLANCE DE VEHICULES AUTONOMES**
[72] SIMPSON, ANTHONY BRIAN, US
[72] WEISBERG, JESSE, US
[72] MITCHELL, SAMUEL, US
[72] PARLAKTUNA, MUSTAFA, US
[72] LINNEMANN, JOSHUA G., US
[71] TOYOTA INDUSTRIAL EQUIPMENT MFG., INC., US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/907933) 2019-09-30

[21] **3,094,860**
[13] A1
[51] **Int.Cl. E01H 5/07 (2006.01) E01H 5/09 (2006.01)**
[25] EN
[54] **IMPELLER FOR SNOWBLOWER AND COMBINED SNOWBLOWER AND SNOW PLOW**
[54] **ROTOR DE SOUFFLEUSE A NEIGE ET DE SOUFFLEUSE A NEIGE ET DE CHASSE-NEIGE COMBINES**
[72] LANDRY, JOCELYN, CA
[72] MALENFANT, DAVE, CA
[71] 9277-9347 QUEBEC INC., CA
[22] 2020-10-01
[41] 2021-04-01
[30] US (62/908,903) 2019-10-01
[30] US (62/948,583) 2019-12-16

[21] **3,094,863**
[13] A1
[51] **Int.Cl. F41B 7/08 (2006.01) A63H 33/18 (2006.01)**
[25] EN
[54] **TOY PROJECTILE LAUNCHER AND METHOD OF USING SAME**
[54] **LANCE-PROJECTILE JOUET ET METHODE D`UTILISATION**
[72] CHIA, FRANCIS SEE CHONG, CN
[71] EASEBON SERVICES LIMITED, CN
[22] 2020-09-30
[41] 2021-04-01
[30] US (62/908789) 2019-10-01

[21] **3,094,868**
[13] A1
[51] **Int.Cl. G01M 13/022 (2019.01) H02K 7/10 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **AUTOMATIC TESTING OF ELECTRIC MACHINE DISCONNECT**
[54] **ESSAI AUTOMATIQUE DE DECONNEXION D`UNE MACHINE ELECTRIQUE**
[72] O'MEALLIE, PAUL, US
[72] SMITH, ALAN W., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICA TECHNOLOGIES, INC., US
[22] 2020-10-01
[41] 2021-04-03
[30] US (16/592,055) 2019-10-03

[21] **3,094,870**
[13] A1
[51] **Int.Cl. G01M 99/00 (2011.01) B64G 7/00 (2006.01)**
[25] EN
[54] **TEST CELLS AND DECISION MATRIX FOR SPACE-DESTINED PAYLOADS**
[54] **CELLULES D`ESSAI ET MATRICE DE DECISION POUR LES DONNEES UTILES A DESTINATION DE L`ESPACE**
[72] GRAHAM, MICHAEL RAYMOND RICHARD, CA
[71] SPACE SIMULATION SERVICES OF OTTAWA CORPORATION, CA
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,493) 2019-09-30

[21] **3,094,871**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 8/24 (2009.01) H04B 17/318 (2015.01) H04B 17/336 (2015.01)**
[25] EN
[54] **BEAM MANAGEMENT AND FAILURE RECOVERY FOR COMMUNICATIONS**
[54] **GESTION DE FAISCEAU ET REPRISE SUR INCIDENT POUR LES COMMUNICATIONS**
[72] XU, KAI, US
[72] DINAN, ESMAEL, US
[72] ZHOU, HUA, US
[72] YI, YUNJUNG, US
[72] HUI, BING, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,480) 2019-09-30

[21] **3,094,872**
[13] A1
[51] **Int.Cl. C02F 5/10 (2006.01) C02F 5/00 (2006.01) C09K 8/528 (2006.01) C23G 1/24 (2006.01)**
[25] EN
[54] **COMPOSITION USEFUL IN METAL SULFIDE SCALE REMOVAL**
[54] **COMPOSITION UTILE DANS LE DETARTRAGE DE SULFURE METALLIQUE**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[72] LEE, ADRIENNE, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2020-10-01
[41] 2021-04-02
[30] CA (3057217) 2019-10-02

[21] **3,094,874**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TARGETED ENDPOINT DATA ACQUISITION**
[54] **SYSTEME ET METHODE D`ACQUISITION DE DONNEES CIBLEE EN POINT D`EXTREMITE DE CONNEXION**
[72] SALIBA, JAD JOHN, CA
[72] ROBERTS, ANDREW GORDON, CA
[72] COSENTINO, NICHOLAS BRUCE ALEXANDER, CA
[72] BRIGHTWELL, KEVIN, CA
[71] MAGNET FORENSICS INC., CA
[22] 2020-09-30
[41] 2021-04-01
[30] US (62/908,635) 2019-10-01

[21] **3,094,875**
[13] A1
[51] **Int.Cl. G01R 33/3875 (2006.01)**
[25] EN
[54] **REAL-TIME COMPENSATION OF HIGHER-ORDER CONCOMITANT MAGNETIC FIELDS**
[54] **COMPENSATION EN TEMPS REEL DE CHAMPS MAGNETIQUES CONCOMITANTS D`ORDRE SUPERIEUR**
[72] HARRIS, CHAD, CA
[72] BINDSEIL, GERON, CA
[72] CURTIS, ANDREW T., CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2020-10-01
[41] 2021-04-02
[30] US (16/590,979) 2019-10-02

[21] **3,094,877**
[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04W 24/04 (2009.01) H04W 76/25 (2018.01)**
[25] EN
[54] **COMMUNICATION CHANNEL FAILURE DETECTION AND RECOVERY**
[54] **DETECTION DE DEFAILLANCE D`UN CANAL DE COMMUNICATION ET REPRISE SUR INCIDENT**
[72] CIRIK, ALI, US
[72] DINAN, ESMAEL, US
[72] YI, YUNJUNG, US
[72] ZHOU, HUA, US
[72] JEON, HYOUNGSUK, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,473) 2019-09-30

[21] **3,094,885**
[13] A1
[51] **Int.Cl. E06B 7/28 (2006.01) F21S 11/00 (2006.01)**
[25] EN
[54] **LIGHT ENHANCING AND FLOOD PROTECTION WINDOW WELL INSTALLATION**
[54] **INSTALLATION D`ENCADREMENT DE SOUPIRAIL DE PROTETECTION CONTRE LES INONDATIONS ET D`AMELIORATION DE LA LUMIERE**
[72] JASMIN, NEVILLE JOEL, CA
[71] JASMIN, NEVILLE JOEL, CA
[22] 2020-09-30
[41] 2021-04-02
[30] US (62/909,466) 2019-10-02

[21] **3,094,912**
[13] A1
[51] **Int.Cl. B60J 5/04 (2006.01)**
[25] EN
[54] **RETROFIT REAR CURBSIDE DOOR FOR VEHICLE**
[54] **PORTE ARRIERE ADAPTEE DU COTE PASSAGER POUR UN VEHICULE**
[72] HAMRICK, LEONARD M., US
[72] SUMMERS, DENNIS W., US
[72] MINATEL, MARK JOSEPH, US
[71] DRIVERGE VEHICLE INNOVATIONS, LLC, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/907,779) 2019-09-30

[21] **3,094,931**
[13] A1
[51] **Int.Cl. G01C 9/02 (2006.01) G01C 9/28 (2006.01)**
[25] EN
[54] **LEVELING TOOL**
[54] **OUTIL DE MISE A NIVEAU**
[72] RUDICK, LUKE, US
[71] THE RU LLC, US
[22] 2020-10-01
[41] 2021-04-03
[30] US (62/909899) 2019-10-03

[21] **3,094,962**
[13] A1
[51] **Int.Cl. G01N 21/17 (2006.01)**
[25] EN
[54] **REAL-TIME MULTIDIMENSIONAL TERAHERTZ IMAGING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D`IMAGERIE TERAHERTZ MULTIDIMENSIONNELLE EN TEMPS REEL**
[72] PICCOLI, RICCARDO, CA
[72] RAZZARI, LUCA, CA
[72] ZANOTTO, LUCA, CA
[72] DONG, JUNLIANG, CA
[72] MORANDOTTI, ROBERTO, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[22] 2020-10-01
[41] 2021-04-01
[30] US (62/908,776) 2019-10-01

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[13] A1
[51] **Int.Cl. B61H 13/00 (2006.01) B61H 11/02 (2006.01)**
[25] EN
[54] **RAIL SUPPORT PLATFORM**
[54] **PLATEFORME DE SUPPORT DE RAIL**
[72] MOTAZEDI, ERIC, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[22] 2020-10-01
[41] 2021-04-01
[30] US (62/908,982) 2019-10-01

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[51] **Int.Cl. H04N 21/2387 (2011.01) H04N 21/6587 (2011.01) H04N 13/282 (2018.01) H04N 13/354 (2018.01)**
[25] EN
[54] **IMAGING SYSTEMS WITH MULTIPLE ANGLES OF VIEW**
[54] **SYSTEMES D`IMAGERIE A MULTIPLES ANGLES DE CHAMP**
[72] GASIOR, EDWARD, CA
[72] GASIOR, STEVEN, CA
[71] HOPVUE INC., CA
[22] 2020-10-02
[41] 2021-04-02
[30] US (62/909409) 2019-10-02

[21] **3,095,003**
[13] A1
[51] **Int.Cl. B25J 1/02 (2006.01) B25J 15/06 (2006.01)**
[25] EN
[54] **NON-CONDUCTIVE MAGNETIC RETRIEVAL TOOL**
[54] **OUTIL D`EXTRACTION MAGNETIQUE NON CONDUCTEUR**
[72] KUTER-ARNEBECK, OTTOLEO, US
[72] JOHNSON, DYLAN, US
[71] SNAP-ON INCORPORATED, US
[22] 2020-10-02
[41] 2021-04-03
[30] US (16/592,373) 2019-10-03

[21] **3,095,004**
[13] A1
[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ACCOUNT CREATION**
[54] **METHODES ET SYSTEMES DE CREATION DE COMPTE**
[72] FILTEAU-TESSIER, EMILE, CA
[72] SABOURY, AMIR, CA
[72] BOUTIN, MATHIAS, CA
[71] SHOPIFY INC., CA
[22] 2020-10-01
[41] 2021-04-01
[30] US (16/589311) 2019-10-01

[21] **3,095,008**
[13] A1
[51] **Int.Cl. A42B 3/22 (2006.01) A42B 3/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FASTENING A FACEGUARD TO A HELMET**
[54] **SYSTEMES ET METHODES POUR ATTACHER UN ECRAN FACIAL A CASQUE**
[72] DUROCHER, JACQUES, CA
[72] STEELE, CAROLYN, US
[72] GENEREUX, MARIE-CLAUDE, CA
[71] BAUER HOCKEY LTD., CA
[22] 2020-10-01
[41] 2021-04-01
[30] US (62/908766) 2019-10-01

[21] **3,095,011**
[13] A1
[51] **Int.Cl. B25D 17/02 (2006.01) B25D 17/28 (2006.01)**
[25] EN
[54] **IMPACT TOOLS, SYSTEMS, AND ASSOCIATED METHODS OF USE**
[54] **OUTILS A CHOC, SYSTEMES ET METHODES D`UTILISATION CONNEXES**
[72] SCHNELL, MICHAEL, US
[71] UNIQATIVE LLC, US
[22] 2020-10-02
[41] 2021-04-03
[30] US (62/910,231) 2019-10-03
[30] US (62/925,260) 2019-10-24

[21] **3,095,016**
[13] A1
[51] **Int.Cl. E21B 23/10 (2006.01)**
[25] EN
[54] **DROP BALLS FOR USE WITH SETTABLE DOWNHOLE TOOLS**
[54] **CASSE-FONTE A UTILISER AVEC DES OUTILS DE FOND DE TROU REGLABLES**
[72] FRAZIER, WARREN LYNN, US
[72] GREENLEE, DONALD ROY, US
[72] OLIGSCHLAEGER, BRIAN DAVID, US
[71] NINE DOWNHOLE TECHNOLOGIES, LLC, US
[22] 2020-10-02
[41] 2021-04-02
[30] US (16/591,499) 2019-10-02

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[13] A1
[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **HANDS FREE, WHOLE BODY, SELF MASSAGE AND CORE STRENGTHENING DEVICE**
[54] **DISPOSITIF MAINS LIBRES DE MASSAGE PERSONNEL DU CORPS ENTIER ET DE RENFORCEMENT DES MUSCLES CENTRAUX**
[72] BECK, CAMERON, CA
[71] BECK, CAMERON, CA
[22] 2020-10-02
[41] 2021-04-03
[30] US (62/910,010) 2019-10-03

[21] **3,095,032**
[13] A1
[51] **Int.Cl. G10L 15/187 (2013.01)**
[25] EN
[54] **PHONEME SOUND BASED CONTROLLER**
[54] **CONTROLEUR A COMMANDE SONORE AXEE SUR LES PHONEMES**
[72] BORGEAT, FREDERIC, CA
[71] BORGEAT, FREDERIC, CA
[22] 2020-10-02
[41] 2021-04-03
[30] US (62/910,313) 2019-10-03

[21] **3,095,037**
[13] A1
[51] **Int.Cl. G10L 15/02 (2006.01) G10L 15/187 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING HINT WORDS FOR AUTOMATED SPEECH RECOGNITION**
[54] **METHODE ET APPAREIL POUR GENERER DES MOTS-INDICES POUR LA RECONNAISSANCE DE LA PAROLE AUTOMATIQUE**
[72] AHER, ANKUR, IN
[72] ROBERT JOSE, JEFFRY COPPS, IN
[71] ROVI GUIDES, INC., US
[22] 2020-10-01
[41] 2021-04-01
[30] US (16/590243) 2019-10-01
[30] US (16/590244) 2019-10-01

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[13] A1
[51] **Int.Cl. E01B 9/28 (2006.01) E01B 9/44 (2006.01)**
[25] EN
[54] **TIE PLATE CENTERING AND INSERTING MACHINE**
[54] **MACHINE A CENTRER ET A INSERER DES SELLES DE RAIL**
[72] BRENNY, CHRISTOPHER, US
[72] OSMAK, MARK, US
[71] RACINE RAILROAD PRODUCTS, INC., US
[22] 2020-10-02
[41] 2021-04-02
[30] US (62/909,492) 2019-10-02

[21] **3,095,138**
[13] A1
[51] **Int.Cl. B62D 55/24 (2006.01)**
[25] EN
[54] **SNOW TRACK FOR A SNOWMOBILE**
[54] **CHENILLE POUR MOTONEIGE**
[72] BATES, RICHARD H., JR., US
[72] RAGER, THOMAS D., JR., US
[71] POLARIS INDUSTRIES INC., US
[22] 2020-10-02
[41] 2021-04-02
[30] US (16/590762) 2019-10-02

[21] **3,095,193**
[13] A1
[51] **Int.Cl. A47G 29/00 (2006.01) A47B 67/00 (2006.01) A47B 81/00 (2006.01) E04G 1/04 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **SECURE STORAGE CONTAINER, SYSTEM FOR SECURE STORAGE, AND METHOD FOR USING A SECURE STORAGE CONTAINER**
[54] **CONTENANT DE RANGEMENT SECURISE, SYSTEME DE RANGEMENT SECURISE ET METHODE D`UTILISATION DE CONTENANT DE RANGEMENT SECURISE**
[72] WILKINS, PHILIP P., CA
[72] SEYEDI, SEPEHR, CA
[72] GLIKSMAN, BENJAMIN M., CA
[72] SCOTT, JOEL CHRISTOPHER ROBERTSON, CA
[71] KEEP LABS INC., CA
[22] 2020-10-01
[41] 2021-04-01
[30] US (62/908,887) 2019-10-01

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 28/04 (2009.01) H04W 28/12 (2009.01) H04W 72/12 (2009.01) H04W 76/27 (2018.01) H04L 1/18 (2006.01)**
[25] EN
[54] **FEEDBACK FOR WIRELESS COMMUNICATIONS**
[54] **RETOUR DE COMMUNICATION SANS FIL**
[72] YI, YUNJUNG, US
[72] DINAN, ESMAEL, US
[72] CHAE, HYUKJIN, US
[72] CIRIK, ALI CAGATAY, US
[72] ZHOU, HUA, US
[72] XU, KAI, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-10-02
[41] 2021-04-02
[30] US (62/909,662) 2019-10-02

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[51] **Int.Cl. H04W 24/04 (2009.01) H04W 16/28 (2009.01) H04W 52/16 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **TRANSMISSION AND RECEPTION POINT CONFIGURATION FOR BEAM FAILURE RECOVERY**
[54] **CONFIGURATION D`UN POINT DE TRANSMISSION ET DE RECEPTION EN CAS DE REPRISE DE FAISCEAU SUR INCIDENT**
[72] CIRIK, ALI, US
[72] DINAN, ESMAEL, US
[72] YI, YUNJUNG, US
[72] ZHOU, HUA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-10-02
[41] 2021-04-02
[30] US (62/909,643) 2019-10-02

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[13] A1
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 24/00 (2009.01) H04W 28/24 (2009.01)**
[25] EN
[54] **SIDELINK BEARER MODE SELECTION**
[54] **SELECTION DE MODE D`UN SUPPORT DE LIAISON LATERALE**
[72] PARK, KYUNGMIN, US
[72] DINAN, ESMAEL, US
[72] CHAE, HYUKJIN, US
[72] KIM, TAEHUN, US
[72] RYU, JINSOOK, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-10-02
[41] 2021-04-03
[30] US (62/910,361) 2019-10-03

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06F 16/901 (2019.01) G06F 16/906 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BEHAVIORAL PATTERN RECOGNITION**
[54] **SYSTEME ET METHODE DE RECONNAISSANCE DES TYPES DE COMPORTEMENTS**
[72] BELEZKO, KOSTYA, CA
[72] MCGOEY, BRECHANN, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-10-05
[41] 2021-04-03
[30] US (62/909,860) 2019-10-03

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[13] A1
[51] **Int.Cl. E04H 4/14 (2006.01) G06N 20/00 (2019.01) G06M 11/00 (2006.01) G06N 3/02 (2006.01) G01F 23/64 (2006.01) G01N 21/49 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OCCUPANCY MONITORING**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DE L`OCCUPATION**
[72] MARSOUSI, MAHDI, CA
[72] MISHRA, AKSHAYA KUMAR, CA
[72] HOSSEINI, AMIR, CA
[71] 11114140 CANADA INC., CA
[22] 2020-10-07
[41] 2021-04-01
[30] US (16/589,701) 2019-10-01
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[13] A1
[51] **Int.Cl. B01F 15/04 (2006.01) B01F 3/12 (2006.01) C09K 8/62 (2006.01) E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **BLENDING SYSTEM FOR FRACTURING FLUID**
[54] **SYSTEME DE MELANGE DE FLUIDE DE FRACTURATION**
[72] LAMBERT, BRYAN SCOTT, US
[71] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
[22] 2020-11-17
[41] 2021-03-30
[30] US (62/960,310) 2020-01-13

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[13] A1
[51] **Int.Cl. C11D 3/26 (2006.01) C11D 1/00 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **LIQUID HAND DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT LIQUIDE A LAVER LA VAISSELLE MANUELLEMENT**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2020-11-24
[41] 2021-04-02

[21] **3,103,671**
[13] A1
[51] **Int.Cl. E04B 5/00 (2006.01) E04B 1/82 (2006.01)**
[25] EN
[54] **FLOOR MOUNT**
[54] **SUPPORT DE PLANCHER**
[72] TRELEAVEN, JEFF, CA
[71] TRELEAVEN, JEFF, CA
[22] 2020-12-21
[41] 2021-03-29
[30] US (62951370) 2019-12-20

[21] **3,104,643**
[13] A1
[51] **Int.Cl. H04W 28/12 (2009.01) H04W 28/04 (2009.01) H04W 72/04 (2009.01) H04L 1/22 (2006.01)**
[25] EN
[54] **DOWNLINK RECEPTION AND BEAM MANAGEMENT**
[54] **RECEPTION EN LIAISON DESCENDANTE ET GESTION DE FAISCEAU**
[72] CIRIK, ALI, US
[72] DINAN, ESMAEL, US
[72] YI, YUNJUNG, US
[72] ZHOU, HUA, US
[72] KWAK, YOUNGWOO, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-09-30
[41] 2021-03-30
[30] US (62/908,471) 2019-09-30

[21] **3,106,725**
[13] A1
[51] **Int.Cl. B64D 25/00 (2006.01) B63C 9/02 (2006.01) B63C 9/22 (2006.01)**
[25] EN
[54] **A LIFE RAFT SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE RADEAU DE SAUVETAGE POUR UN AERONEF**
[72] HARMS, STEFAN, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[22] 2021-01-21
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[30] EP (20400006.1) 2020-04-30

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[13] A1
[51] **Int.Cl. A41H 43/00 (2006.01) D06C 21/00 (2006.01) D06C 23/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING PERSONAL PROTECTIVE WEAR**
[54] **SYSTEME ET METHODE DE PORT DE VETEMENT DE PROTECTION PERSONNELLE**
[72] GHARAMALEKI, MEHRDAD, CA
[72] ABDOLLAHIAN, ALIREZA, CA
[72] RAZAVIZARIFPASAND, SAMANEH, CA
[71] HABCO CANADA INC., CA
[22] 2021-01-22
[41] 2021-03-30

[21] **3,107,177**
[13] A1
[51] **Int.Cl. G01S 5/18 (2006.01)**
[25] EN
[54] **COMPUTERIZED ESTIMATION OF MINIMUM NUMBER OF SONIC SOURCES USING ANTICHAIN LENGTH_____ _____**
[54] **ESTIMATION INFORMATISEE D`UN NOMBRE MINIMAL DE SOURCES SONIQUES AU MOYEN D`UNE LONGUEUR D`ANTICHAINE _____**
[72] SPIESBERGER, JOHN LOUIS, US
[71] SCIENTIFIC INNOVATIONS, INC., US
[22] 2021-01-25
[41] 2021-04-01
[30] US (63/033,711) 2020-06-02
[30] US (16/941,283) 2020-07-28

[21] **3,107,994**
[13] A1
[51] **Int.Cl. G01N 27/26 (2006.01) G01N 1/00 (2006.01) G01N 21/05 (2006.01)**
[25] EN
[54] **RAPID BLOOD TESTING SYSTEM**
[54] **SYSTEME DE TEST SANGUIN RAPIDE**
[72] SAMSOONDAR, JAMES, CA
[71] INVIDX CORP., CA
[22] 2021-02-03
[41] 2021-04-03
[30] CA (PCT/CA2020/051254) 2020-09-18

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[13] A1
[25] EN
[54] **SYSTEM AND METHOD OF SECURING ACCESS TO A SECURE REMOTE SERVER AND DATABASE ON A MOBILE DEVICE**
[54] **SYSTEME ET METHODE POUR OBTENIR L'ACCES A UN SERVEUR ET A UNE BASE DE DONNEES SECURISES A DISTANCE A PARTIR D'UN APPAREIL MOBILE**
[72] BROWN, DAVID, CA
[72] RIVERS, AL, CA
[72] RIVERS, TRAVIS, CA
[71] FSET INC., US
[85] 2020-03-03
[86] 2019-10-03 (PCT/US2019/054497)
[87] (WO2019/162475)

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[13] A1
[51] **Int.Cl. A47B 67/02 (2006.01) A47B 88/969 (2017.01) A61F 9/00 (2006.01)**
[25] EN
[54] **AUTOMOATED PRODUCT CABINET FOR INVENTORY CONTROL**
[54] **ARMOIRE A PRODUITS D'AUTOMATISATION POUR LA GESTION ET L'ADMINISTRATION DU MATERIEL**
[72] KERNICK, EDWARD R., US
[72] SHIMODA, MAILE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2020-11-26
[86] 2020-10-02 (PCT/IB2020/059292)
[87] (3102082)
[30] US (16/592,315) 2019-10-03

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[13] A1
[51] **Int.Cl. H04L 9/30 (2006.01) G06F 21/62 (2013.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **KEY GENERATION FOR USE IN SECURED COMMUNICATION**
[54] **GENERATION DE CLES A UTILISER DANS UNE COMMUNICATION SECURISEE**
[72] LO, HOI-KWONG, CA
[72] MONTAGNA, MATTIA, IT
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2021-01-26
[86] 2020-09-30 (PCT/CA2020/051307)
[87] (3107237)
[30] US (62/907,997) 2019-09-30
[30] GB (1917748.4) 2019-12-05

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[13] A1
[51] **Int.Cl. F41H 13/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR A DIRECTED-ENERGY WEAPON**
[54] **APPAREIL POUR UNE ARME A ENERGIE DIRIGEE**
[72] COLOSIMO, NICHOLAS GIACOMO ROBERT, GB
[72] RIGBY, KEITH ANTONY, GB
[71] BAE SYSTEMS PLC, GB
[85] 2021-01-27
[86] 2019-06-13 (PCT/GB2019/051638)
[87] (WO2019/239136)
[30] GB (1809667.7) 2018-06-13
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[13] A1
[51] **Int.Cl. A63H 33/08 (2006.01)**
[25] EN
[54] **TOY BUILDING BLOCKS**
[54] **BLOCS DE CONSTRUCTION JOUETS**
[72] PIHL, JENS MARTIN, DK
[71] PLUS-PLUS A/S, DK
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[30] DK (PA 2019 01155) 2019-10-02

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[54] **TYRE HAVING A CARCASS REINFORCEMENT FORMED FROM A SINGLE LAYER OF TEXTILE REINFORCING ELEMENTS**
[54] **PNEUMATIQUE COMPORTANT UNE ARMATURE DE CARCASSE FORMEE D'UNE UNIQUE COUCHE D'ELEMENTS DE RENFORCEMENT TEXTILES**
[72] DUCHEMIN, SYLVIE, FR
[72] FRANCIA, MARC, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2021-03-01
[86] 2019-09-18 (PCT/FR2019/052180)
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[51] **Int.Cl. A01N 1/02 (2006.01)**
[25] EN
[54] **INSULATOR FOR PREVENTING CONTAINER DAMAGE AND RUPTURE CAUSED BY FREEZING OF AQUEOUS SOLUTIONS CONTAINING BIOLOGICAL MATERIALS**
[54] **ISOLANT POUR EMPECHER DES DOMMAGES ET UNE RUPTURE DE RECIPIENT PROVOQUES PAR LA CONGELATION DE SOLUTIONS AQUEUSES CONTENANT DES MATERIAUX BIOLOGIQUES**
[72] DE BRITO ESTRELA, RUI, PT
[72] SILVESTRE DUARTE, ANDREIA FILIPA, PT
[72] SENA REGO, PEDRO GIL, PT
[71] SMARTFREEZ LDA, PT
[71] DE BRITO ESTRELA, RUI, PT
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[86] 2019-11-12 (PCT/IB2019/059704)
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[30] PT (115152) 2018-11-12

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[51] **Int.Cl. A01N 1/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FREEZING A BIOLOGICAL SOLUTION**
[54] **DISPOSITIF ET PROCEDE POUR CONGELER UNE SOLUTION BIOLOGIQUE**
[72] SILVESTRE DUARTE, ANDREIA FILIPA, PT
[72] DE BRITO ESTRELA, RUI, PT
[71] SMARTFREEZ LDA, PT
[85] 2021-03-03
[86] 2019-11-15 (PCT/IB2019/059836)
[87] (WO2020/100105)
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[54] **IMPROVED SPREADSHEET AND METHOD FOR UPDATING SAME**
[54] **TABLEUR AMELIORE ET SON PROCEDE DE MISE A JOUR**
[72] RAUTENBACH, MARC WILLIAM, AU
[71] DECISION SCENARIOS PTY LTD, AU
[85] 2021-03-08
[86] 2019-11-28 (PCT/AU2019/051307)
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[30] AU (2018904705) 2018-12-11

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[51] **Int.Cl. E21B 43/38 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **GAS SEPARATOR WITH FLUID RESERVOIR AND SELF-ORIENTATING INTAKE**
[54] **SEPARATEUR DE GAZ AVEC RESERVOIR DE FLUIDE ET ADMISSION AUTO-ORIENTABLE**
[72] BROWN, DONN J., US
[72] ROBERTS, RANDY S., US
[72] PARMETER, LARRY J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **BLOCK COPOLYMER COMPRISING HYDROPHILIC FIRST BLOCK, HYDROPHOBIC SECOND BLOCK, AND FUNCTIONAL GROUP CAPABLE OF SPECIFICALLY BINDING TO THIOL**
[54] **APPAREIL, METHODE ET PROGRAMME DE CODAGE VIDEO ET APPAREIL, METHODE ET PROGRAMME DE DECODAGE VIDEO**
[72] KIM, WON JONG, KR
[72] JANG, DONG HYUN, KR
[71] GI CELL, INC., KR
[85] 2021-03-09
[86] 2019-12-17 (PCT/KR2019/017899)
[87] (WO2020/130580)
[30] KR (10-2018-0163379) 2018-12-17

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[51] **Int.Cl. F16K 11/18 (2006.01) F16K 11/14 (2006.01) F16K 11/22 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **MULTI-WAY VALVE ASSEMBLIES FOR FLOW CONTROL OF A FLUID**
[54] **AGENCEMENTS DE SOUPAPES A PLUSIEURS VOIES POUR REGULER LE DEBIT D'UN FLUIDE**
[72] BURKHALTER, DANIEL, CH
[72] POLTERA, CHRISTOPH, CH
[72] SCHMID, OLIVIER, CH
[71] CLIMEO AG, CH
[85] 2021-03-10
[86] 2018-09-20 (PCT/EP2018/075401)
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[51] **Int.Cl. A61F 13/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EQUIPPING TAMPON APPLICATORS WITH TAMPONS**
[54] **APPAREIL ET METHODE POUR INSTALLER DES TAMPONS SUR DES APPLICATEURS DE TAMPONS**
[72] SCHULER, SAMUEL, CH
[72] BAUMGARTNER, PATRICK, CH
[71] RUGGLI PROJECTS AG, CH
[85] 2021-03-10
[86] 2019-08-30 (PCT/EP2019/073210)
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[25] EN
[54] **METHOD FOR HIGH THROUGHPUT PEPTIDE-MHC AFFINITY SCREENING FOR TCR LIGANDS**
[54] **METHODE DE SELECTION DE L'AFFINITE DE PEPTIDES DU CMH A RENDEMENT ELEVE POUR DES LIGANDS DE RECEPTEURS DE CELLULES T**
[72] MORITZ, ANDREAS, DE
[72] MAURER, DOMINIK, DE
[72] BUNK, SEBASTIAN, DE
[72] WAGNER, CLAUDIA, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2021-03-10
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[87] (WO2020/053398)
[30] US (62/731,337) 2018-09-14
[30] DE (10 2018 122 546.6) 2018-09-14
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[25] EN
[54] **METHOD AND DEVICE FOR FEEDING PRODUCTS FROM A FIRST PROCESS TO A SECOND PROCESS IN A PACKAGING PLANT**
[54] **PROCEDE ET DISPOSITIF D'ACHEMINEMENT DE PRODUITS D'UN PREMIER PROCESSUS VERS UN SECOND PROCESSUS DANS UNE INSTALLATION D'EMBALLAGE**
[72] HAHN, KLAUS, DE
[71] OPTIMA CONSUMER GMBH, DE
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[86] 2019-09-13 (PCT/EP2019/074564)
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[30] DE (10 2018 215 854.1) 2018-09-18

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[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 210/18 (2006.01) C08F 210/06 (2006.01) C08F 236/20 (2006.01)**
[25] EN
[54] **CATALYST MIXTURE**
[54] **MELANGE CATALYTIQUE**
[72] BERNARDO, RAFFAELE, NL
[72] VAN DOREMAELE, GERARDUS, NL
[72] VAN MEERENDONK, WOUTER, NL
[72] WINDMULLER, PETER, NL
[71] ARLANXEO NETHERLANDS B.V., NL
[85] 2021-03-10
[86] 2019-09-17 (PCT/EP2019/074869)
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[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A HELICAL METAL BODY**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN CORPS METALLIQUE HELICOIDAL**
[72] WOSTMANN, FRANZ-JOSEF, DE
[72] HEUSER, MICHAEL, DE
[72] BUSSE, MATTHIAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2019-09-19 (PCT/EP2019/075197)
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[51] **Int.Cl. B66B 23/00 (2006.01)**
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[54] **DATASET FOR A TRUSS OF AN ESCALATOR OR A MOVING WALKWAY**
[54] **ENSEMBLE DE DONNEES POUR UN TREILLIS D'ESCALIER MECANIQUE OU D'UN TROTTOIR MECANIQUE**
[72] NOVACEK, THOMAS, AT
[72] DRAHOHS-FODERLER, ANDREAS, AT
[72] POHL, BARBARA, AT
[72] DROGSLER, JOHANNES, AT
[72] BARTONIK, ROBERT, AT
[72] BRINSKELLE, STEFAN, AT
[71] INVENTIO AG, CH
[85] 2021-03-10
[86] 2019-10-14 (PCT/EP2019/077715)
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[51] **Int.Cl. A63B 21/072 (2006.01)**
[25] EN
[54] **A WEIGHTLIFTING DEVICE**
[54] **DISPOSITIF D'HALTEROPHILIE**
[72] HANSEN, MARKUS LEONHARD, NO
[72] BOSSONNEY GUNDERSEN, ANDREAS GUNNAR, NO
[72] SAND, AUDUN FILIP, NO
[71] GUNGNIR AS, NO
[85] 2021-03-11
[86] 2019-05-06 (PCT/EP2019/061481)
[87] (WO2020/052815)
[30] NO (20181186) 2018-09-11

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[51] **Int.Cl. C25B 1/04 (2021.01) C07C 29/151 (2006.01) C07C 29/152 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF METHANOL**
[54] **PROCEDE DE PREPARATION DE METHANOL**
[72] TJARNEHOV, EMIL ANDREAS, SE
[72] PEDERSEN, LARS STORM, DK
[72] HULTQVIST, MICHAEL, DK
[72] ESKESEN, SOREN GRONBORG, DK
[72] LOUISE, JENSEN WISSING, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2021-03-11
[86] 2019-08-28 (PCT/EP2019/072965)
[87] (WO2020/052979)
[30] DK (PA 2018 00573) 2018-09-13

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[13] A1
[51] **Int.Cl. B25B 23/147 (2006.01) B23P 19/06 (2006.01)**
[25] FR
[54] **METHOD FOR TIGHTENING A SCREW FOR FASTENING A CONSTRUCTION PANEL TO A SUPPORT**
[54] **PROCEDE DE SERRAGE D'UNE VIS DE FIXATION D'UN PANNEAU DE CONSTRUCTION SUR UN SUPPORT**
[72] LOMBARD, PIERRE, FR
[72] FAOU, JEAN-YVON, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2021-03-11
[86] 2019-09-04 (PCT/EP2019/073624)
[87] (WO2020/053052)
[30] FR (1858251) 2018-09-13

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[51] **Int.Cl. E06B 9/58 (2006.01)**
[25] EN
[54] **UPRIGHT FOR A SHADING SYSTEM**
[54] **MONTANT POUR UN SYSTEME D'OMBRAGE**
[72] LOMBARDINI, MARCO, CH
[71] PLASTEX SA, CH
[85] 2021-03-11
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[51] **Int.Cl. A61B 5/00 (2006.01) A61M 25/04 (2006.01) A61M 39/16 (2006.01) G01F 23/284 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR THE PREVENTION OF INFECTIONS AND MEASUREMENT OF BODY FLUIDS**
[54] **SYSTEME ET DISPOSITIF POUR LA PREVENTION DES INFECTIONS ET LA MESURE DESFLUIDES CORPORELS**
[72] GOMEZ NUNEZ, WILLIAM ALEXIS, CO
[71] GOMEZ NUNEZ, WILLIAM ALEXIS, CO
[85] 2021-03-11
[86] 2019-08-10 (PCT/IB2019/056817)
[87] (WO2020/058784)
[30] CO (NC2018/0009806) 2018-09-18

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[51] **Int.Cl. A01N 1/02 (2006.01) C12N 5/0775 (2010.01)**
[25] EN
[54] **METHOD FOR OBTAINING AN ENRICHED POPULATION OF FUNCTIONAL MESENCHYMAL STEM CELLS, CELLS OBTAINED THEREOF AND COMPOSITIONS COMPRISING THE SAME**
[54] **PROCEDE D'OBTENTION D'UNE POPULATION ENRICHIE DE CELLULES SOUCHES MESENCHYMATEUSES FONCTIONNELLES, CELLULES OBTENUES A PARTIR DE CE DERNIER ET COMPOSITIONS LES COMPRENANT**
[72] SANCHEZ GARCIA, ANA, ES
[72] GARCIA-SANCHO MARTIN, FRANCISCO JAVIER, ES
[72] GARCIA DIAZ, VERONICA, ES
[72] ALBERCA ZABALLOS, MERCEDES, ES
[72] GUEMES GUTIERREZ, SANDRA, ES
[71] CITOSPIN, S.L., ES
[71] UNIVERSIDAD DE VALLADOLID, ES
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[86] 2019-09-18 (PCT/EP2019/074991)
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[30] EP (18382679.1) 2018-09-20

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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **INSTALLATION AND METHOD FOR PURIFYING AND LIQUEFYING NATURAL GAS**
[54] **INSTALLATION ET PROCEDE D'EPURATION ET DE LIQUEFACTION DE GAZ NATUREL**
[72] BERNHARDT, JEAN-MARC, FR
[72] ZICK, GOLO, FR
[72] NICOLAS, REMI, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2021-03-11
[86] 2019-09-12 (PCT/FR2019/052106)
[87] (WO2020/058602)
[30] FR (1858523) 2018-09-20

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/416 (2006.01) A61P 29/00 (2006.01) C07D 401/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **INDAZOLE CARBOXAMIDES AS KINASE INHIBITORS**
[54] **INDAZOLE CARBOXAMIDES EN TANT QU'INHIBITEURS DE KINASE**
[72] GUO, JUNQING, US
[72] DZIERBA, CAROLYN DIANE, US
[72] HART, AMY C., US
[72] MACOR, JOHN E., US
[72] PITTS, WILLIAM J., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050721)
[87] (WO2020/056074)
[30] US (62/730,611) 2018-09-13

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[51] **Int.Cl. H05B 3/20 (2006.01) H05B 1/02 (2006.01)**
[25] EN
[54] **HEATER ELEMENT INCORPORATING PRIMARY CONDUCTOR FOR USE IN A HIGH-SPEED OVEN**
[54] **ELEMENT CHAUFFANT INCORPORANT UN CONDUCTEUR PRIMAIRE DESTINE A ETRE UTILISE DANS UN FOUR RAPIDE**
[72] DE LUCA, NICHOLAS P., US
[72] PERKINS, ANDREW, US
[72] MINARD, JAMES, US
[71] DE LUCA OVEN TECHNOLOGIES, LLC, US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050805)
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[30] US (62/730,878) 2018-09-13
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[51] **Int.Cl. H05B 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A CLOSED-LOOP BAKE-OUT CONTROL**
[54] **SYSTEME ET PROCEDE POUR UNE COMMANDE D'ETUVAGE A BOUCLE FERMEE**
[72] KIRCHOFF, LINCOLIN, US
[72] THENMAIER, LUKAS, AT
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050768)
[87] (WO2020/056103)
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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETERMINING A MINIMUM VALUE OF LASER ENERGY NECESSARY FOR THE FORMATION OF A GAS BUBBLE**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'UNE VALEUR MINIMALE D'ENERGIE LASER NECESSAIRE A LA FORMATION D'UNE BULLE DE GAZ**
[72] BERNARD, AURELIEN, FR
[72] BAUBEAU, EMMANUEL, FR
[71] KERANOVA, FR
[85] 2021-03-11
[86] 2019-09-20 (PCT/EP2019/075280)
[87] (WO2020/058459)
[30] FR (1858534) 2018-09-20

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[51] **Int.Cl. B65D 33/00 (2006.01) B65D 21/08 (2006.01)**
[25] EN
[54] **CONTAINER WITH HINGE**
[54] **RECIPIENT A CHARNIERE**
[72] BARLIER, PIERRE, US
[71] KEEPCOOL USA LLC, US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050888)
[87] (WO2020/056189)
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[51] **Int.Cl. G06T 17/20 (2006.01) G06T 7/00 (2017.01) G06T 11/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MODEL RECONSTRUCTION USING PHOTOGRAMMETRY**
[54] **APPAREIL ET PROCEDE DE RECONSTRUCTION DE MODELE A L'AIDE D'UNE PHOTOGRAMMETRIE**
[72] SONG, JOOYEON, US
[72] MIRO LLOPIS, DAVID, US
[71] MANI.ME, INC., US
[85] 2021-03-11
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[30] US (16/145,721) 2018-09-28

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[25] EN
[54] **VENDING MACHINE**
[54] **DISTRIBUTEUR AUTOMATIQUE**
[72] JAFA, EMAD, US
[72] LI, XUEJUN, US
[72] SEROCK, YONG, US
[72] LAU, CHEUK CHI, US
[72] MITCHELL, MARTYN, GB
[72] MORRISON, EUAN, GB
[72] CHAN, WAI, GB
[72] JOHNSTONE, SAM, GB
[72] WILLIAMS, ERIK, GB
[71] PEPSICO, INC., US
[85] 2021-03-11
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[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ELECTRONICALLY IDENTIFYING PLANT SPECIES**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION ELECTRONIQUE D'ESPECES VEGETALES**
[72] RALLS, ERIC, US
[72] ILIEV, IVAN, US
[71] PLANTSNAP, INC., US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050828)
[87] (WO2020/056148)
[30] US (62/730,395) 2018-09-12
[30] US (62/782,685) 2018-12-20

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[51] **Int.Cl. A21C 15/00 (2006.01) A23G 3/28 (2006.01) B05C 17/005 (2006.01)**
[25] EN
[54] **PARTIALLY TRANSPARENT DISPOSABLE PIPING BAG**
[54] **POCHE A DOUILLES JETABLE PARTIELLEMENT TRANSPARENTE**
[72] VAN DER STRAATEN, JAN CORNELIS, NL
[71] ONE WAY PLASTICS B.V., NL
[85] 2021-03-11
[86] 2019-09-16 (PCT/NL2019/050605)
[87] (WO2020/055260)
[30] NL (2021641) 2018-09-14
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[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED BENZAZEPINE COMPOUNDS, CONJUGATES, AND USES THEREOF**
[54] **COMPOSES DE BENZAZEPINE SUBSTITUES, CONJUGUES ET LEURS UTILISATIONS**
[72] COBURN, CRAIG ALAN, US
[72] SMITH, SEAN WESLEY, US
[71] SILVERBACK THERAPEUTICS, INC., US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050900)
[87] (WO2020/056198)
[30] US (62/730,492) 2018-09-12

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[51] **Int.Cl. A61K 31/341 (2006.01) A61K 31/343 (2006.01) A61K 31/401 (2006.01) A61K 31/4166 (2006.01) A61K 45/00 (2006.01) A61P 17/14 (2006.01)**
[25] EN
[54] **USES OF PLASMINOGEN ACTIVATOR INHIBITOR 1 (PAI-1) INHIBITORS**
[54] **UTILISATIONS D'INHIBITEURS DE L'INHIBITEUR DE L'ACTIVATEUR DU PLASMINOGENE 1 (PAI-1)**
[72] EDELSON, JONATHAN, US
[71] EIRION THERAPEUTICS, INC., US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050890)
[87] (WO2020/056191)
[30] US (62/731,076) 2018-09-13

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[51] **Int.Cl. H02M 7/48 (2007.01) H02J 5/00 (2016.01)**
[25] EN
[54] **MICRO INVERTER AND CONTROLLER**
[54] **MICRO-ONDULEUR ET REGULATEUR**
[72] JUAREZ, IGNACIO, US
[71] JUAREZ, IGNACIO, US
[85] 2021-03-11
[86] 2019-09-12 (PCT/US2019/050807)
[87] (WO2020/056133)
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[54] **ENSEMBLE ET PROCEDE DE MESURE DE CONTRAINTE DANS UNE RONDELLE**
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[72] HJELSTUEN, MAGNUS, NO
[72] REINEN, TOR ARNE, NO
[71] SINTEF TTO AS, NO
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[54] **IMAGERIE DE POLARISATION OPTIQUE A CODAGE SPECTRAL POUR DETECTER DES MARGES DE CANCER DE LA PEAU**
[72] YAROSLAVSKY, ANNA N., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
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[54] **SYSTEMS AND METHODS FOR ELECTRONICALLY IDENTIFYING PLANT SPECIES**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION ELECTRONIQUE D'ESPECES VEGETALES**
[72] ILIEV, IVAN, US
[71] PLANTSNAP, INC., US
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[54] **INHIBITEURS DE L'INHIBITEUR DE L'ACTIVATEUR DU PLASMINOGENE 1 (PAI-1) ET UTILISATIONS ASSOCIEES**
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[71] EIRION THERAPEUTICS, INC., US
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[54] **PROCEDES, REACTIFS ET SUBSTRATS POUR DETECTER DES ANALYTES CIBLES**
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[72] GONDHALEKAR, CARMEN, US
[72] RAJWA, BARTLOMIEJ, US
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[54] **METHODS AND SYSTEMS FOR ASSESSING MICROSATELLITE INSTABILITY**
[54] **PROCEDES ET SYSTEMES POUR EVALUER L'INSTABILITE DE MICROSATELLITES**
[72] ROBERTSON, ALEXANDER DE JONG, US
[72] LAMBERT, NICOLE JACINDA, US
[72] TEZCAN, HALUK, US
[72] YALAMANCHILI, RAM, US
[72] PETERMAN, NEIL, US
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[54] **SYSTEME ET PROCEDE D'AMELIORATION DU SOMMEIL**
[72] POLTORAK, ALEXANDER, US
[71] NEUROENHANCEMENT LAB, LLC, US
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[54] **DISPOSITIF D'ALIGNEMENT A DISTANCE DE GUIDE DE TUBE D'INJECTEUR**
[72] STEFFENHAGEN, TIMOTHY SCOTT, US
[72] LU, MIKE XIAOLEI, US
[72] LANE, MATTHEW STEPHEN, US
[71] NOV INTERVENTION AND STIMULATION EQUIPMENT US, LLC, US
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[54] **COLONNE A PLATEAU PERFORE ET SON PROCEDE DE RENOVATION**
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[54] **MECANISME DE RETENUE DE CONSOMMABLE**
[72] YAMAGUCHI, AKIRA, CH
[71] JT INTERNATIONAL SA, CH
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[54] **METHOD, DEVICE, AND USE FOR REPROCESSING**
[54] **METHODE, DISPOSITIF ET UTILISATION DE RETRAITEMENT**
[72] EICHERT, CARSTEN, DE
[72] BREPOHL, ESTHER, DE
[72] SCHOLL, STEPHAN, DE
[72] BIERMANN, LARS, DE
[71] RITTEC UMWELTTECHNIK GMBH, DE
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[54] **CHARIOT DE TRANSPORT**
[72] GOTZINGER, MARTIN, DE
[72] INSEL, CHRISTIAN, DE
[72] NEUWEILER, LUTZ, DE
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[54] **CELLULES SOUCHES/PROGENITRICES ISSUES DES GLANDES DE BRUNNER DU DUODENUM ET LEURS PROCEDES D'ISOLEMENT ET D'UTILISATION**
[72] CARPINO, GUIDO, IT
[72] CARDINALE, VINCENZO, IT
[72] REID, LOLA M., US
[72] ALVARO, DOMENICO, IT
[72] GAUDIO, EUGENIO, IT
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[72] MOLLER, STALE NORMAN, NO
[72] SEVALDSON, DAN MARTIN FJORDE, NO
[71] ACTIVE BRANDS AS, NO
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[54] **SYSTEM AND METHOD FOR SECURELY ACCESSING, MANIPULATING AND CONTROLLING DOCUMENTS AND DEVICES USING NATURAL LANGUAGE PROCESSING**
[54] **SYSTEME ET PROCEDE D'ACCES, DE MANIPULATION ET DE COMMANDE SECURISES DE DOCUMENTS ET DE DISPOSITIFS A L'AIDE D'UN TRAITEMENT DE LANGAGE NATUREL**
[72] DIAZ, LUIS J., US
[72] SHERMAN, NORMAN, US
[71] GABI SOLUTIONS, LLC, US
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[54] **IMPROVED LIGHT FOR UNDERGROUND MINING AND SYSTEM FOR TRACKING UNDERGROUND ASSETS**
[54] **ECLAIRAGE AMELIORE D'EXPLOITATION MINIERE SOUTERRAINE ET SYSTEME DE SUIVI D'ACTIFS SOUTERRAINS**
[72] MOORE, TIMOTHY R., US
[72] JONES, RYAN, US
[72] NICHOLS, JOEL, US
[71] MATRIX DESIGN GROUP, LLC, US
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[54] **DISPOSITIFS D'ENCAPSULATION DE CELLULES AYANT UNE EPAISSEUR DE LIT CELLULAIRE CONTROLEE**
[72] RUSCH, GREG, US
[72] CULLY, EDWARD H., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **METHOD FOR TREATING A MICROPOROUS MEMBRANE**
[54] **PROCEDE DE TRAITEMENT D'UNE MEMBRANE MICROPOREUSE**
[72] GUO, QUNHUI, US
[72] BOWLES, STEVEN E., US
[72] KUTCHKO, CYNTHIA, US
[72] MCHENRY, DEENA M., US
[72] OLSON, KURT G., US
[72] PETERS, JAMES C., US
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[54] **SYSTEM AND METHOD FOR MIGRATING A LIVE STATEFUL CONTAINER**
[54] **SYSTEME ET PROCEDE DE MIGRATION D'UN CONTENEUR A ETATS ACTIF**
[72] ENGUEHARD, MARCEL PAUL SOSTHENE, FR
[72] DESMOUCEAUX, YOANN, FR
[72] AUGE, JORDAN, FR
[71] CISCO TECHNOLOGY, INC., US
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[54] **SYSTEMS AND METHODS FOR STANDALONE ENDOSCOPIC OBJECTIVE IMAGE ANALYSIS**
[54] **SYSTEMES ET PROCEDES POUR L'ANALYSE D'IMAGES D'OBJECTIF D'ENDOSCOPE AUTONOME**
[72] DYBIEC, MACIEJ, US
[71] STERIS INSTRUMENT MANAGEMENT SERVICES, INC., US
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[54] **SYSTEME INFORMATIQUE FOURNISSANT DES SESSIONS D'APPLICATION SAAS EN MIROIR**
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[72] VAN ROTTERDAM, JEROEN, US
[71] CITRIX SYSTEMS, INC., US
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[54] **ENSEMBLE BENNE A OUVERTURE HORIZONTALE CONVEXE POUR L'INSTALLATION D'UN SAC**
[72] BUCK, THOMAS K., US
[71] TBUCK GLOBAL LLC, US
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[72] MCCLAIN, MICHAEL S., US
[71] MP ACQUISITION, LLC, US
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[54] **DISPOSITIF INTERIEUR DE SERRAGE ET DE SOUDAGE**
[72] BELLANGER, GUY, FR
[71] SERIMAX HOLDINGS, FR
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[54] **1H-INDAZOLE CARBOXAMIDES EN TANT QU'INHIBITEURS DE PROTEINE KINASE 1 INTERAGISSANT AVEC DES RECEPTEURS (RIPK1)**
[72] GUO, JUNQING, US
[72] CHEN, JIE, US
[72] DZIERBA, CAROLYN DIANE, US
[72] HART, AMY C., US
[72] LUO, GUANGLIN, US
[72] MACOR, JOHN E., US
[72] PITTS, WILLIAM J., US
[72] SIT, SING-YUEN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **SYSTEME DE CONTROLE DE L'EROSION**
[72] HAWKINSON, ROBERT NEAL ALFRED, US
[71] HAWKINSON, ROBERT NEAL ALFRED, US
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[54] **SPHERES COMESTIBLES CONTENANT DE L'ALCOOL**
[72] PECKEROFSKY, JUSTIN, US
[72] PARKER, JACK, US
[71] CDJ PARTNERS, LLC, US
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[72] DIAZ-BOTIA, CAMILO A., US
[72] GARDNER, TIMOTHY J., US
[72] HANSON, TIMOTHY L., US
[72] TEDOFF, ZACHARY M., US
[72] TOLOSA, VANESSA M., US
[71] NEURALINK CORP., US
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[54] **DISPOSITIF APPLICATEUR D'ETIQUETTES**
[72] STERN, MITCHELL, US
[72] BROWN, TIMOTHY, US
[72] MISTYURIK, JOHN, US
[72] WATSON, JAN, US
[72] MAURO, ROBERTO, DE
[72] DA COSTA, JOAO PEDRO, DE
[72] ROMO JR., JESUS, US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
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[54] **TECHNIQUES DE VISION ARTIFICIELLE**
[72] GARDNER, TIMOTHY J., US
[72] GILJA, VIKASH, US
[72] HANSON, TIMOTHY L., US
[72] O'HARA, IAN M., US
[72] SHARMA, KENNY, US
[71] NEURALINK CORP., US
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[54] **ANTICORPS AGONISTES DE CD200R ET UTILISATIONS DE CES DERNIERS**
[72] DEMAREST, STEPHEN JOHN, US
[72] KOESTER, ANJA, US
[72] MEHTA, PAYAL, US
[72] POTTER, SCOTT CHARLES, US
[72] RUIZ, DIANA ISABEL, US
[72] WITCHER, DERRICK RYAN, US
[72] WU, XIUFENG, US
[71] ELI LILLY AND COMPANY, US
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[54] **CARACTERISATION DE CARACTERISTIQUES DE DEPOT PAR CLASSIFICATION SISMIQUE SUR UNE BASE GEOLOGIQUE**
[72] ZHANG, SI-HAI, SA
[72] XU, YIN, SA
[72] ABUALI, MAHDI A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PIRFENIDONE ENRICHIE EN DEUTERIUM ET SES PROCEDES D'UTILISATION**
[72] ELENKO, ERIC, US
[72] CHEN, MICHAEL C., US
[72] SABOUNJIAN, LUANN, US
[71] PURETECH LYT 100, INC., US
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[54] **APPAREIL ET PROCEDE POUR AGRANDIR DES PHOTOGRAPHIES NUMERIQUES SUR PAPIER PHOTOGRAPHIQUE**
[72] SCHWARTZ, MATTHEW L., US
[71] CHARLES BESELER COMPANY, US
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[54] **FLACON A DOUBLE CHAMBRE POUR CONSERVATION DE GREFFE CORNEENNE**
[72] SABATER, ALFONSO L., US
[72] SABATER, ALEJANDRO M., US
[72] BURAS, WILLIAM B., US
[71] UNIVERSITY OF MIAMI, US
[71] TISSUECOR, LLC, US
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[54] **VAPORISATEUR COMPRENANT UN ELEMENT CHAUFFANT A COEFFICIENT DE TEMPERATURE POSITIF DE RESISTIVITE (CTPR)**
[72] ALSTON, WILLIAM W., US
[72] BOWEN, ADAM, US
[72] KURZMAN, JOSHUA A., US
[72] MONSEES, JAMES, US
[71] JUUL LABS, INC., US
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[54] **MISE EN EVIDENCE SELECTIVE DE CARACTERISTIQUES DE CARTE ASSOCIEES A DES LIEUX**
[72] NAINWAL, SATYENDRA KUMAR, US
[72] WOLF, DANIEL, US
[72] PARIKH, KAIVALYA BACHUBHAI, US
[72] TANDON, ANKIT, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **MEMBRANE DE SEPARATION DE GAZ**
[72] HO, W.S. WINSTON, US
[72] HAN, YANG, US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[54] **SYSTEME DE DIAGNOSTIC DE PANNE POUR UN APPAREIL D'EXTRUSION**
[72] CHRISTIANO, JOHN P., US
[71] DAVIS-STANDARD, LLC, US
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[54] **INTERVENTION DE BLOCAGE DE NERF IMPLANTABLE**
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[54] **AUTHENTICATION OF INTERNET OF THINGS DEVICES, INCLUDING ELECTRONIC LOCKS**
[54] **AUTHENTIFICATION DE DISPOSITIFS DE L'INTERNET DES OBJETS, COMPRENANT DES VERROUS ELECTRONIQUES**
[72] HART, JAMES CREIGHTON, US
[72] IMANUEL, DEREK, US
[71] SPECTRUM BRANDS, INC., US
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[54] **METHOD AND COLLABORATIVE PLATFORM FOR INTELLIGENT PURCHASE DECISIONS**
[54] **PROCEDE ET PLATE-FORME COLLABORATIVE POUR DECISIONS D'ACHAT INTELLIGENTES**
[72] LYONS, CRAIG BENTLEY, US
[72] BLACK, JR., WILLIAM A., US
[72] HARTLEY, JOHN KEVIN, US
[71] ZILLION INSURANCE SERVICES, INC., US
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[54] **SYSTEM AND METHOD OF ESTABLISHING SERVER CONNECTIONS TO INTERNET OF THINGS DEVICES, INCLUDING ELECTRONIC LOCKS**
[54] **SYSTEME ET PROCEDE D'ETABLISSEMENT DE CONNEXIONS SERVEUR AVEC DES DISPOSITIFS DE L'INTERNET DES OBJETS, Y COMPRIS DES VERROUS ELECTRONIQUES**
[72] HART, JAMES CREIGHTON, US
[72] WALKER, MIKE, US
[71] SPECTRUM BRANDS, INC., US
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[54] **PROMEDICAMENTS MACROMOLECULAIRES A BASE DE POLYMERES**
[72] CHORNY, MICHAEL, US
[72] ALFERIEV, IVAN, US
[72] BRODEUR, GARRETT M., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
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[54] **DETERMINATION DE DONNEES DE NAVIGATION SUR LA BASE D'UN TYPE DE SERVICE**
[72] NAINWAL, SATYENDRA KUMAR, US
[72] WOLF, DANIEL, US
[72] PARIKH, KAIVALYA BACHUBHAI, US
[72] SINGH, SHIVENDRA PRATAP, US
[72] RAMASAMY, DINESHKUMAR KARUPPANNA GOUNDER, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **KITTING MACHINE**
[54] **MACHINE DE REALISATION DE KITS**
[72] MENON, SAMIR, US
[72] BRANTNER, GERALD, US
[72] SUN, ZHOUWEN, US
[72] HEGDAHL, ROBERT, US
[72] CHAVEZ, KEVIN JOSE, US
[71] DEXTERITY, INC., US
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[54] **METHODS AND COMPOSITIONS FOR TREATING CANCER USING MRNA THERAPEUTICS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER FAISANT APPEL A DES AGENTS THERAPEUTIQUES A BASE D'ARNM**
[72] FREDERICK, JOSHUA, US
[72] GURUMURTHY, SUSHMA, US
[72] MISHRA, ANKITA, US
[72] BAI, AILIN, US
[71] MODERNATX, INC., US
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[54] **SYSTEME ET PROCEDE A MICRO-ONDES DE PRODUIT ALIMENTAIRE EMBALLE**
[72] GIVENS, STEVEN ROMEL, US
[72] BURNETT, CLAYTON KEITH, US
[72] WEST, RYAN, US
[72] GOCLON, MICHAEL J., US
[72] GERLING, JOHN FOSTER, US
[72] MONROE IV, GEORGE CLARK, US
[71] THE COCA-COLA COMPANY, US
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[54] **POLYPEPTIDES INSECTICIDES MUTANTS AV3 ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] KENNEDY, ROBERT M., US
[72] BAO, LIN, US
[71] VESTARON CORPORATION, US
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[54] **METHODS AND COMPOSITIONS FOR ENHANCED OIL RECOVERY**
[54] **PROCEDES ET COMPOSITIONS POUR UNE RECUPERATION AMELIOREE DU PETROLE**
[72] NURMI, LEENA, FI
[72] HANSKI, SIRKKU, FI
[72] TOIVONEN, SUSANNA, FI
[72] ROSATI, LOUIS, US
[71] KEMIRA OYJ, FI
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[54] **PROCEDE ET SYSTEME DE CODAGE MULTIRAIL DE BITS QUANTIQUES**
[72] RUDOLPH, TERENCE, US
[71] PSIQUANTUM, CORP., US
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[54] **MATERIAU DE SURFACE SENSIBLE A LA POUSSEE POUR SKIS**
[72] DANIELL, STEPHEN S., US
[71] DANIELL, STEPHEN S., US
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[54] **PETITES COMPOSITIONS DE NANOMEDICAMENTS HAUTEMENT UNIFORMES POUR DES APPLICATIONS THERAPEUTIQUES, D'IMAGERIE ET THERANOSTIQUES**
[72] HOPKINS, THOMAS, US
[72] SWANSON, SCOTT D., US
[72] KOPELMAN, RAOUL, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **PLATE-FORME DE VIRUS ONCOLYTIQUE PERMETTANT DE TRAITER LE CANCER HEMATOLOGIQUE**
[72] MCFADDEN, GRANT, US
[72] TORRES-DOMINGUEZ, LINO, US
[72] VILLA, NANCY, US
[72] RAHMAN, MOHAMMED MASMUDUR, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
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[54] **METHODS AND SYSTEMS FOR DIGESTING BIOSOLIDS AND RECOVERING PHOSPHORUS**
[54] **PROCEDES ET SYSTEMES DE DIGESTION DE BIOSOLIDES ET DE RECUPERATION DE PHOSPHORE**
[72] PRESSLEY, RICHARD, US
[72] WIPPO, JUSTIN, US
[72] GRAHAM, JOHN H., JR., US
[71] PRESSLEY, RICHARD, US
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[54] **SYSTEME D'ADMINISTRATION DE SEDATION A L'OXYDE NITREUX**
[72] PORTER, GARY K., US
[71] GARY PORTER ASSOCIATES LLC, US
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[54] **METHODE DE SELECTION POUR LE TRAITEMENT D'INDIVIDUS PRESENTANT UN RISQUE DE CANCER DU SEIN INVASIF**
[72] BREMER, TROY M., US
[71] PRELUDE CORPORATION, US
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[54] **PROGRAMMATION DE LA POLYMERISATION DE PROTEINES AVEC DE L'ADN**
[72] MIRKIN, CHAD A., US
[72] MCMILLAN, JANET R., US
[72] HAYES, OLIVER R., US
[71] NORTHWESTERN UNIVERSITY, US
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[54] **HABITUDE SAINE ET MOTEUR D'ITERATION**
[72] BOBINET, KYRA, US
[72] GARCIA, BRIAN, US
[72] HERSHEY, NATHANIEL, US
[72] WALCH, KEENAN ISAAC MERSKY, US
[71] BOBINET, KYRA, US
[71] GARCIA, BRIAN, US
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[71] WALCH, KEENAN ISAAC MERSKY, US
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[54] **COMPOUNDS AND METHODS FOR INCREASING SOIL NUTRIENT AVAILABILITY**
[54] **COMPOSES ET PROCEDES POUR AUGMENTER LA DISPONIBILITE DES NUTRIMENTS DU SOL**
[72] BAYER, TRAVIS, US
[72] SCHWARTZ, ALLISON, US
[72] SCHNEIDER, KEVIN, US
[72] DAVIDSON, ERIC, US
[72] IBARRA, CHRISTIAN, US
[72] KINNE, ADEN, US
[72] KAVANAUGH, MEGAN, US
[71] SOUND AGRICULTURE COMPANY, US
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN INHIBITEUR DE L'HISTONE DESACETYLASE ET DU METHOTREXATE**
[72] CHOI, YOUNG IL, KR
[72] HA, NINA, KR
[72] BAE, DAEKWON, KR
[72] SUH, DONG HYEON, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
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[54] **DISPOSITIF ET PROCEDE DE MESURE POUR L'ANALYSE SANS CONTACT D'UN PRODUIT ALIMENTAIRE DANS UNE CHAINE DE PRODUCTION**
[72] VAN ZUTPHEN, PIETER PETRUS HENDRIKUS, NL
[72] RABEN, SJOERD GERARDUS JOHANNES, NL
[72] VEROUDEN, FRANCISCUS QUIRINUS FREDRIK, NL
[72] VAN DER BORG, LODEWIJK STEPHANUS MARGARETHA JOSEPH, NL
[71] KAAK GROEP B.V., NL
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[54] **METHOD AND SYSTEM FOR PREDICTING PROPERTIES OF CHEMICAL STRUCTURES**
[54] **PROCEDE ET SYSTEME DE PREDICTION DE PROPRIETES DE STRUCTURES CHIMIQUES**
[72] BRERETON, ANDREW EDWARD, CA
[72] ALWASH, SANA, CA
[72] MACKINNON, STEPHEN SCOTT, CA
[72] SOMODY, JOSEPH CHRISTIAN CAMPBELL, CA
[72] WINDEMUTH, ANDREAS, US
[71] CYCLICA INC., CA
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[54] **COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY PROFILING**
[54] **COMPOSITIONS ET METHODES POUR LE PROFILAGE IMMUNOTHERAPEUTIQUE**
[72] BOWEN, JAMES, US
[72] KWONG, GABRIEL, US
[72] MAC, QUOC, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **AFRICAN SWINE FEVER VIRUS VACCINE**
[54] **VACCIN CONTRE LE VIRUS DE LA PESTE PORCINE AFRICAINE**
[72] WILLEMSEN, PETRUS THEODORUS JOHANNES, NL
[72] PEETERS, BERNARDUS PETRUS HUBERTUS, NL
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[54] **ROBOTIC KITTING SYSTEM**
[54] **SYSTEME DE MISE EN KIT ROBOTIQUE**
[72] MENON, SAMIR, US
[72] HEGDAHL, ROBERT, US
[72] SUN, ZHOUWEN, US
[72] CHAVEZ, KEVIN, US
[72] MORRIS-DOWNING, TALBOT, US
[72] SUN, CUTHBERT, US
[71] DEXTERITY, INC., US
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[54] **CONSTRAINING SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEMES DE CONTRAINTE ET PROCEDES ASSOCIES**
[72] RAMIREZ, GIL R., US
[72] STASTKA, JERRY J., US
[72] TENNANT, JOHN S., US
[72] YAMAMOTO, MARC Y., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **NON-PNEUMATIC TIRE FOR CAMBER-STEERED VEHICLE OR OTHER VEHICLE**
[54] **PNEU NON PNEUMATIQUE POUR UN VEHICULE A CARROSSAGE DIRIGE OU POUR UN AUTRE VEHICULE**
[72] H. THOMPSON, RONALD, US
[71] CAMSO INC., CA
[85] 2021-03-15
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[54] **HIGH PRESSURE ISOSTATIC PRESSING ASSEMBLY, IN PARTICULAR FOOD HIGH PRESSURE PROCESSING ASSEMBLY**
[54] **ENSEMBLE DE PRESSAGE ISOSTATIQUE A HAUTE PRESSION, EN PARTICULIER ENSEMBLE DE TRANSFORMATION A HAUTE PRESSION D'ALIMENTS**
[72] WIDLAK, GRZEGORZ, PL
[72] WACHOWICZ, LUKASZ, PL
[72] BRZEGOWY, RAFAL, PL
[72] KORYL, GRZEGORZ, PL
[71] EXDIN SOLUTIONS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, PL
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[25] EN
[54] **METHODS OF TREATING CANCER**
[54] **METHODES DE TRAITEMENT DE CANCER**
[72] ARMOUR, ALISON A., US
[72] SATHEKGE, MIKE, ZA
[72] MESSMANN, RICHARD, US
[71] ENDOCYTE, INC., US
[71] SATHEKGE, MIKE, ZA
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[54] **TRANSDERMAL DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT**
[72] MASIZ, JOHN J., US
[72] ZHU, ZHEN, US
[71] BIOPHYSICS PHARMA, INC., US
[85] 2021-03-12
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[54] **2' FANA MODIFIED FOXP3 ANTISENSE OLIGONUCLEOTIDES AND METHODS OF USE THEREOF**
[54] **OLIGONUCLEOTIDES ANTISENS FOXP3 MODIFIES PAR 2'-FANA ET LEURS METHODES D'UTILISATION**
[72] AISHWARYA, VEENU, US
[72] HANCOCK, WAYNE W., US
[71] AUM LIFETECH, INC., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2021-03-12
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[54] **CYCLIC EXPANSION TISSUE TREATMENT PROGRAMS AND ASSOCIATED SYSTEMS**
[54] **PROGRAMMES DE TRAITEMENT DE TISSU A DILATATION CYCLIQUE, ET SYSTEMES ASSOCIES**
[72] BIRDNO, MERRILL J., US
[72] SCHMIEDER, MIKE A., US
[72] SHAW, EDWARD E., US
[72] SHORT, BRANDON C., US
[72] MASHAL, ALIREZA, US
[72] DENARDO, MATTHEW B., US
[72] RUBICONI, FRANCK J., GB
[72] DONOGHUE, LINDA M., US
[72] ROUX, SERGE C., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **SYSTEM AND METHOD FOR VISUALIZING LASER ENERGY DISTRIBUTIONS PROVIDED BY DIFFERENT NEAR FIELD SCANNING PATTERNS**
[54] **SYSTEME ET PROCEDE DE VISUALISATION DE DISTRIBUTIONS D'ENERGIE LASER FOURNIES PAR DIFFERENTS MOTIFS DE BALAYAGE EN CHAMP PROCHE**
[72] MARKUSHOV, IURII V., US
[72] COSKUN, MUSTAFA, US
[72] NOVIKOV, DMITRY, US
[71] IPG PHOTONICS CORPORATION, US
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[54] **FUNCTIONALIZED WELL PLATE, METHODS OF PREPARATION AND USE THEREOF**
[54] **PLAQUE DE PUITS FONCTIONNALISEE, PROCEDES DE PREPARATION ET D'UTILISATION DE CELLE-CI**
[72] BEEMILLER, PETER J., US
[72] MASTROIANNI, ALEXANDER J., US
[72] BRONEVETSKY, YELENA, US
[72] LOWE, RANDALL D., JR., US
[71] BERKELEY LIGHTS, INC., US
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[54] **PROTECTION PORTALE AMOVIBLE, A LONGUEUR REGLABLE, A ENCLIQUETAGE, DESACCOUPLEE DE LA FIXATION DERMIQUE**
[72] WILLARD, BENJAMIN, US
[72] STUBKJAER, ERIC, US
[71] CONMED CORPORATION, US
[85] 2021-03-12
[86] 2019-10-03 (PCT/US2019/054520)
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[54] **LATEX COMPOSITIONS AND APPLICATIONS THEREOF**
[54] **COMPOSITIONS DE LATEX ET LEURS APPLICATIONS**
[72] JONES, DENNIS J., US
[71] WILANA CHEMICAL LLC, US
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[54] **QUANTUM CONVOLUTIONAL NEURAL NETWORKS**
[54] **RESEAUX NEURONAUX CONVOLUTIONNELS QUANTIQUES**
[72] CONG, IRIS, US
[72] CHOI, SOONWON, US
[72] LUKIN, MIKHAIL D., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **SELF-LUBRICATING MEDICAL ARTICLES**
[54] **ARTICLES MEDICAUX AUTO-LUBRIFIANTS**
[72] BAI, HE, US
[72] WEIMER, MARC W., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2019-09-23 (PCT/US2019/052355)
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[54] **MODULATION OF TRF1 FOR BRAIN CANCER TREATMENT**
[54] **MODULATION DE TRF1 POUR LE TRAITEMENT DU CANCER DU CERVEAU**
[72] BLASCO MARHUENDA, MARIA ANTONIA, ES
[72] PASTOR FERNANDEZ, JOAQUIN ANGEL, ES
[72] BEJARANO BOSQUE, LEIRE, ES
[72] MENDEZ PERTUZ, MARINELA, ES
[72] MARTINEZ RODRIGUEZ, PAULA, ES
[72] BLANCO-APARICIO, CARMEN, ES
[72] GOMEZ-CASERO ESTEBAN, ELENA, ES
[72] GARCIA-BECCARIA, MARIA, ES
[71] FUNDACION DEL SECTOR PUBLICO ESTATAL CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III (F.S.P. CNIO), ES
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[54] **LASER A CAVITE VERTICALE A POMPAGE ELECTRIQUE**
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] SEGAL, STEPHEN, US
[72] LASCOLA, KEVIN, US
[71] THORLABS, INC., US
[71] PRAEVIUM RESEARCH, INC., US
[85] 2021-03-12
[86] 2019-10-08 (PCT/US2019/055141)
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[54] **COMPOSITIONS AND METHODS FOR TREATING RETINITIS PIGMENTOSA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA RETINITE PIGMENTAIRE**
[72] ROBINSON, GREGORY S., US
[72] ONG, TUYEN, GB
[71] NIGHTSTARX LIMITED, GB
[85] 2021-03-12
[86] 2019-09-23 (PCT/US2019/052471)
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[54] **A SYSTEM AND METHOD FOR IN-LINE TREATMENT OF THREAD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT EN LIGNE D'UN FIL**
[72] EKLIND, MARTIN, SE
[72] STABERG, JOAKIM, SE
[71] COLOREEL GROUP AB, SE
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[54] **COMPOSITIONS AND METHODS FOR MANUFACTURING GENE THERAPY VECTORS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT LA FABRICATION DE VECTEURS DE THERAPIE GENIQUE**
[72] HANAK, JULIAN, GB
[72] TRURAN, RICHARD, GB
[71] NIGHTSTARX LIMITED, GB
[85] 2021-03-12
[86] 2019-09-23 (PCT/US2019/052501)
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[25] EN
[54] **A METHOD FOR IN-LINE TREATMENT OF A THREAD AND A SYSTEM THEREFORE COMPRISING A TREATMENT UNIT AND A THREAD SPEED SENSOR**
[54] **PROCEDE POUR TRAITEMENT EN LIGNE D'UN FIL ET SYSTEME S'Y RAPPORTANT COMPRENANT UNE UNITE DE TRAITEMENT ET UN CAPTEUR DE VITESSE DE FIL**
[72] EKLIND, MARTIN, SE
[72] STABERG, JOAKIM, SE
[71] COLOREEL GROUP AB, SE
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[86] 2019-08-27 (PCT/SE2019/050793)
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[54] **COMPOSITIONS AND METHODS FOR MODIFYING REGULATORY T CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR MODIFIER DES LYMPHOCYTES T REGULATEURS**
[72] MARSON, ALEXANDER, US
[72] CORTEZ, JESSICA T., US
[72] BLUESTONE, JEFFREY A., US
[72] SHIFRUT, ERIC, US
[72] VAN GOOL, FREDERIC, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2021-03-12
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[25] EN
[54] **A SYSTEM AND A METHOD FOR IN-LINE TREATMENT OF ONE OR MORE THREADS FOR USE WITH THREAD CONSUMING DEVICE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT EN LIGNE D'UN OU PLUSIEURS FILS A UTILISER AVEC UN DISPOSITIF CONSOMMATEUR DE FIL**
[72] EKLIND, MARTIN, SE
[72] STABERG, JOAKIM, SE
[71] COLOREEL GROUP AB, SE
[85] 2021-03-12
[86] 2019-08-27 (PCT/SE2019/050794)
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[54] **SYSTEMS, METHODS AND ARTICLES FOR AUDIENCE DELIVERY OPTIMIZATION**
[54] **SYSTEMES, PROCEDES ET ARTICLES D'OPTIMISATION DE LIVRAISON A UN PUBLIC CIBLE**
[72] OFFEMAN, WILLIAM E., US
[72] ZOSEL, TREVAN GRANT, US
[72] LOPEZALVAREZ, FRANCISCO, US
[71] WIDEORBIT LLC, US
[85] 2021-03-12
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[25] EN
[54] **LOAD-CARRYING VEHICLE PART AND A WHEELED VEHICLE EQUIPPED WITH SUCH VEHICLE PART**
[54] **PIECE DE VEHICULE DE TRANSPORT DE CHARGE ET VEHICULE A ROUES EQUIPE D'UNE TELLE PIECE DE VEHICULE**
[72] PETTERSSON, HENRY, SE
[71] KOMATSU FOREST AB, SE
[85] 2021-03-12
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[30] SE (1851090-9) 2018-09-14

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[25] EN
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[54] **SYSTEME DE VERROUILLAGE**
[72] TARTAL, WILLIAM ALBERT, US
[72] YESSIN, GABRIEL MICHAEL, US
[72] DALTON, JR., ROBERT E., US
[71] UNITED STATES POSTAL SERVICE, US
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[54] **BUSES A DOUBLE FORME DE DISPERSION DU JET**
[72] BURKART, KARL W., US
[72] DOLEZAL, CHRISTOPHER D., US
[72] MCCLENDON, JR., DUJUAN M., US
[71] ICP CONSTRUCTION, INC., US
[85] 2021-03-12
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[51] **Int.Cl. E04G 17/06 (2006.01) E04G 17/065 (2006.01) E04G 17/075 (2006.01)**
[25] EN
[54] **DEVICE FOR PREVENTING SOUND TRANSMISSION THROUGH AN APERTURE OR A PRODUCTION-RELATED DUCT IN A WALL, AND A METHOD FOR SOUNDTIGHT CLOSURE OF AN APERTURE OR A PRODUCTION-RELATED DUCT IN A WALL**
[54] **DISPOSITIF POUR EMPECHER LA TRANSMISSION DE BRUITS A TRAVERS UNE OUVERTURE OU UN CANAL LIE A LA TECHNIQUE DE FABRICATION DANS UNE PAROI ET PROCEDE POUR FERMER DE MANIERE ETANCHE AUX BRUITS UNE OUVERTURE OU UN CANAL LIE A LA TECHNIQUE DE FABRICATION DANS UNE PAROI**
[72] ALBANESE, PINO, CH
[71] ALBANESE, PINO, CH
[85] 2021-03-15
[86] 2019-09-16 (PCT/EP2019/074701)
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[30] CH (01115/18) 2018-09-18
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[25] EN
[54] **CO-PROCESSING HYDROTHERMAL LIQUEFACTION OIL AND CO-FEED TO PRODUCE BIOFUELS**
[54] **CO-TRAITEMENT D'HUILE DE LIQUEFACTION HYDROTHERMALE ET DE CO-CHARGE POUR PRODUIRE DES BIOCARBURANTS**
[72] NOVAK, WILLIAM J., US
[72] SCHUTT, KIRSTEN E., US
[72] DAKKA, JIHAD M., US
[72] KIM, HYUNG RAE, US
[72] XU, XIAOCHUN, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[87] (WO2020/068820)
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[51] **Int.Cl. C08G 65/331 (2006.01) A61K 47/60 (2017.01) C08G 65/333 (2006.01)**
[25] EN
[54] **METHOD OF MAKING RELEASABLE POLYMERIC REAGENTS**
[54] **PROCEDE DE PRODUCTION DE REACTIFS POLYMERES LIBERABLES**
[72] CULBERTSON, SEAN M., US
[72] MCMANUS, SAMUEL P., US
[72] KOZLOWSKI, ANTONI, US
[72] SOMU, VENKATA, US
[71] NEKTAR THERAPEUTICS, US
[85] 2021-03-12
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[87] (WO2020/077289)
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[25] EN
[54] **METHODS AND APPARATUS FOR INDUCING OR MODIFYING SLEEP**
[54] **PROCEDES ET APPAREIL POUR INDUIRE OU MODIFIER LE SOMMEIL**
[72] GROSSMAN, NIR, DE
[72] WANG, DAVID, US
[72] BOYDEN, EDWARD, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] NUVU, LLC, US
[85] 2021-03-12
[86] 2018-12-22 (PCT/US2018/067425)
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[30] US (16/131,022) 2018-09-13

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/5365 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING RESIDUAL BREAST CANCER WITH TRASTUZUMAB EMTANSINE**
[54] **METHODES DE TRAITEMENT DE CANCER DU SEIN RESIDUEL A L'AIDE DE TRASTUZUMAB EMTANSINE**
[72] SMITT, MELANIE, US
[71] GENENTECH, INC., US
[85] 2021-03-12
[86] 2019-04-24 (PCT/US2019/028953)
[87] (WO2020/081119)
[30] US (62/745,914) 2018-10-15

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 9/00 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **PUMPLESS ENCAPSULATION OF MESSENGER RNA**
[54] **ENCAPSULATION SANS POMPE D'ARN MESSAGER**
[72] KARVE, SHRIRANG, US
[72] PATEL, PRIYAL, US
[72] VARGAS MONTOYA, NATALIA, US
[72] DEROSA, FRANK, US
[71] TRANSLATE BIO, INC., US
[85] 2021-03-12
[86] 2019-10-18 (PCT/US2019/056936)
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[30] US (62/747,838) 2018-10-19

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[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **LIQUID SUBMERSION COOLED ELECTRONIC SYSTEMS AND DEVICES**
[54] **SYSTEMES ET DISPOSITIFS ELECTRONIQUES REFROIDIS PAR IMMERSION DANS UN LIQUIDE**
[72] ARCHER, SEAN MICHAEL, US
[72] SHAFER, STEVE, US
[72] ROE, DAVID, US
[72] TUFTY, LYLE RICK, US
[71] LIQUIDCOOL SOLUTIONS, INC., US
[85] 2021-03-12
[86] 2019-08-01 (PCT/US2019/044678)
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[30] US (16/145,408) 2018-09-28

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[51] **Int.Cl. C05G 5/14 (2020.01) C05G 5/35 (2020.01) B01J 2/12 (2006.01) B01J 2/22 (2006.01) B01J 2/26 (2006.01) B30B 11/34 (2006.01) B65G 15/48 (2006.01) B65G 17/32 (2006.01) B65G 21/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANUFACTURE OF CONTROLLED RELEASE OF AGRICULTURAL CORES**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE LIBERATION CONTROLEE DE NOYAUX AGRICOLES**
[72] ADLER, SCOTT A., US
[72] AVGOUSTI, MARIOS, US
[72] BURCH, ROBERT RAY, US
[72] GOROWARA, RAJEEV L., US
[72] LEWIS, ROBERT ALAN, US
[72] SAMPLE, CHARLES A., US
[72] WIERSCHKE, LARRY D., US
[72] ZHANG, JIHUA, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2021-03-12
[86] 2019-10-25 (PCT/US2019/058112)
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[30] US (62/754,341) 2018-11-01
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[25] EN
[54] **INK COMPOSITION AND METHODS OF USE AND MAKING**
[54] **COMPOSITION D'ENCRE ET PROCEDES D'UTILISATION ET DE PRODUCTION**
[72] SINGH, RAJEEV RANJAN, US
[71] LEICA BIOSYSTEMS RICHMOND, INC., US
[85] 2021-03-11
[86] 2019-10-28 (PCT/US2019/058335)
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[30] US (62/752,113) 2018-10-29

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[51] **Int.Cl. A61B 90/30 (2016.01) F21S 8/04 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **SURGICAL LIGHTING SYSTEM STERILE FIELD ENCROACHMENT INDICATOR**
[54] **INDICATEUR D'EMPIETEMENT DE CHAMP STERILE DE SYSTEME D'ECLAIRAGE CHIRURGICAL**
[72] HOLLOPETER, MICHAEL, US
[72] FOGLE, LENA T., US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2021-03-12
[86] 2019-08-30 (PCT/US2019/048949)
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[30] US (16/145,815) 2018-09-28

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[51] **Int.Cl. C04B 28/02 (2006.01) B28B 19/00 (2006.01) C04B 14/04 (2006.01) C04B 16/02 (2006.01) C04B 24/40 (2006.01)**
[25] EN
[54] **INTEGRALLY WATERPROOF FIBER CEMENT COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE DE FIBROCIMENT TOTALEMENT IMPERMEABLE A L'EAU**
[72] NAJI, BASIL, US
[72] LUO, CAIDIAN, US
[72] DONES, NOEL, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2021-03-12
[86] 2019-11-06 (PCT/US2019/060097)
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[30] US (62/756,811) 2018-11-07
[30] US (62/903,445) 2019-09-20

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[51] **Int.Cl. C07D 405/14 (2006.01) A01N 37/18 (2006.01) A01N 43/20 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01P 3/00 (2006.01) C07C 211/37 (2006.01) C07C 231/10 (2006.01) C07C 251/44 (2006.01) C07D 213/81 (2006.01) C07D 213/82 (2006.01) C07D 239/28 (2006.01) C07D 239/30 (2006.01) C07D 241/24 (2006.01) C07D 307/68 (2006.01) C07D 405/10 (2006.01) C07D 405/12 (2006.01) C07D 407/12 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING OR PREVENTING INFESTATION OF CEREAL PLANTS BY THE PHYTOPATHOGENIC MICROORGANISM FUSARIUM PSEUDOGRAMINEARUM**
[54] **PROCEDES DE LUTTE OU DE PREVENTION CONTRE UNE INFESTATION DE PLANTES CEREALIERES PAR LE MICRO-ORGANISME PHYTOPATHOGENE FUSARIUM PSEUDOGRAMINEARUM**
[72] MCKEE, KENNETH, AU
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2021-03-15
[86] 2019-09-16 (PCT/EP2019/074640)
[87] (WO2020/058160)
[30] EP (18195489.2) 2018-09-19
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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/10 (2006.01) A41C 3/14 (2006.01)**
[25] EN
[54] **SINGLE-PIECE PAD INSERT FOR BRAS**
[54] **INSERT DE COUSSINET MONOBLOC POUR SOUTIENS-GORGE**
[72] RENDONE, NICOLE, US
[72] GAUS, VANESSA LUCAS L., US
[71] NIKE INNOVATE C.V., US
[85] 2021-03-12
[86] 2019-08-30 (PCT/US2019/048974)
[87] (WO2020/055606)
[30] US (62/731,194) 2018-09-14
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[51] **Int.Cl. A45F 3/16 (2006.01) A45F 3/18 (2006.01) A47G 19/22 (2006.01) B65D 1/02 (2006.01) B65D 23/10 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **CONTAINER LID WITH PUSH BUTTON AND LINEARLY TRANSLATING LOCKING MECHANISM**
[54] **COUVERCLE DE CONTENANT DOTE D'UN BOUTON-POUSSOIR ET D'UN MECANISME DE VERROUILLAGE A TRANSLATION LINEAIRE**
[72] TSAI, VINCENT, US
[71] IGLOO PRODUCTS CORP., US
[85] 2021-03-12
[86] 2019-11-08 (PCT/US2019/060533)
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[30] US (62/757,793) 2018-11-09

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[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01) A61K 35/28 (2015.01) A61L 27/36 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **BIOMATERIAL COMPRISING ADIPOSE-DERIVED STEM CELLS AND GELATIN AND METHOD FOR PRODUCING THE SAME**
[54] **BIOMATERIAU COMPRENANT DES CELLULES SOUCHES DERIVEES DU TISSU ADIPEUX ET DE LA GELATINE ET SON PROCEDE DE PRODUCTION**
[72] DUFRANE, DENIS, BE
[71] NOVADIP BIOSCIENCES, BE
[85] 2021-03-15
[86] 2019-09-20 (PCT/EP2019/075413)
[87] (WO2020/058511)
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[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BINDING PROTEIN-TOXIN CONJUGATES COMPRISING ANTHRACYCLINES, AND USE THEREOF IN IMMUNE-ONCOLOGICAL APPLICATIONS**
[54] **CONJUGUES PROTEINE DE LIAISON-TOXINE COMPRENANT DES ANTHRACYCLINES, ET LEUR UTILISATION DANS DES APPLICATIONS IMMUNO-ONCOLOGIQUES**
[72] GRAWUNDER, ULF, CH
[72] BEERLI, ROGER, CH
[72] WALDMEIER, LORENZ, CH
[72] PRETTO, FRANCESCA, CH
[71] NBE-THERAPEUTICS AG, CH
[85] 2021-03-15
[86] 2019-10-11 (PCT/EP2019/077644)
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[30] EP (18199879.0) 2018-10-11

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[51] **Int.Cl. H04N 19/117 (2014.01)**
[25] EN
[54] **IMAGE ENCODING METHOD, IMAGE DECODING METHOD, ENCODER, DECODER AND STORAGE MEDIUM**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, CODEUR, DECODEUR ET SUPPORT DE STOCKAGE**
[72] WAN, SHUAI, CN
[72] HUO, JUNYAN, CN
[72] MA, YANZHUO, CN
[72] YANG, FUZHENG, CN
[72] GUO, JINKUN, CN
[72] WANG, HAIXIN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2021-03-15
[86] 2019-06-25 (PCT/CN2019/092689)
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[51] **Int.Cl. G05B 23/02 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING AUTOMATION EQUIPMENT**
[54] **SYSTEME ET PROCEDE DESTINES A GERER UN EQUIPEMENT D'AUTOMATISATION**
[72] KLEINIKKINK, STANLEY, CA
[72] BORONKA, KEVIN, CA
[72] WILLISON, NICHOLAS, CA
[71] ATS AUTOMATION TOOLING SYSTEMS INC., CA
[85] 2021-03-15
[86] 2019-09-16 (PCT/CA2019/051309)
[87] (WO2020/051719)
[30] US (62/731,405) 2018-09-14

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[51] **Int.Cl. C07F 9/572 (2006.01) A61K 31/426 (2006.01) A61P 9/00 (2006.01) C07F 9/30 (2006.01) C07F 9/32 (2006.01) C07F 9/653 (2006.01) C07F 9/6539 (2006.01)**
[25] EN
[54] **AMINOPEPTIDASE A INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME**
[54] **INHIBITEURS D'AMINOPEPTIDASE A ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT**
[72] BALAVOINE, FABRICE, FR
[72] COMPERE, DELPHINE, FR
[72] LLORENS-CORTES, CATHERINE, FR
[72] MARC, YANNICK, FR
[71] QUANTUM GENOMICS, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] COLLEGE DE FRANCE, FR
[85] 2021-03-15
[86] 2019-10-25 (PCT/EP2019/079229)
[87] (WO2020/084131)
[30] EP (18306396.5) 2018-10-26

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[51] **Int.Cl. G01N 29/06 (2006.01) A61B 8/08 (2006.01) A61B 8/14 (2006.01) G01N 29/42 (2006.01)**
[25] EN
[54] **ULTRASONIC ANALYSIS OF A SUBJECT**
[54] **ANALYSE ULTRASONORE D'UN SUJET**
[72] ABOLMAESUMI, PURANG, CA
[72] MOUSAVI, PARVIN, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2021-03-15
[86] 2019-09-16 (PCT/CA2019/051314)
[87] (WO2020/056500)
[30] US (62/732,904) 2018-09-18

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[51] **Int.Cl. B66B 23/02 (2006.01)**
[25] EN
[54] **CONVEYOR CHAIN FOR A PALLET BELT OF A MOVING WALKWAY OF LOW STRUCTURAL HEIGHT**
[54] **CHAINE TRANSPORTEUSE POUR UNE BANDE A PALETTES D'UN TAPIS ROULANT DE FAIBLE ENCOMBREMENT EN HAUTEUR**
[72] PRAXMARER, DOMINIK, AT
[72] KLEEWEIN, GERHARD, AT
[72] STREIBIG, KURT, AT
[71] INVENTIO AG, CH
[85] 2021-03-15
[86] 2019-10-23 (PCT/EP2019/078815)
[87] (WO2020/088998)
[30] EP (18203435.5) 2018-10-30

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[51] **Int.Cl. E05B 47/06 (2006.01) E05B 1/00 (2006.01) E05B 13/00 (2006.01)**
[25] EN
[54] **SWING HANDLE ARRANGEMENT WITH FIRST AND SECOND LOCKING MECHANISMS**
[54] **AGENCEMENT DE POIGNEE PIVOTANTE COMPORTANT DES PREMIER ET SECOND MECANISMES DE VERROUILLAGE**
[72] LINNASEN, ADAM, SE
[71] INDUSTRILAS I NASSJO AKTIEBOLAG, SE
[85] 2021-03-15
[86] 2019-08-22 (PCT/EP2019/072492)
[87] (WO2020/064233)
[30] EP (18196415.6) 2018-09-25

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[13] A1
[51] **Int.Cl. B01D 3/14 (2006.01) B01D 3/42 (2006.01) A23L 33/105 (2016.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FRACTIONAL DISTILLATION**
[54] **SYSTEME ET PROCEDE POUR LA DISTILLATION FRACTIONNELLE**
[72] MCCUNE, MIKE, CA
[72] AUGUST, ROBERT, CA
[72] HOSSAIN, SAZZAD, CA
[71] ENTOURAGE BIOSCIENCES INC., CA
[85] 2021-03-15
[86] 2019-09-27 (PCT/CA2019/051391)
[87] (WO2020/061712)
[30] US (62/738,770) 2018-09-28

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[13] A1
[51] **Int.Cl. A61N 1/16 (2006.01) A61N 1/20 (2006.01) A61N 1/24 (2006.01)**
[25] FR
[54] **ENERGY STIMULATION DEVICE PROVIDED WITH A STIMULATION TRANSMITTER**
[54] **DISPOSITIF DE STIMULATION ENERGETIQUE POURVU D'UN TRANSMETTEUR DE STIMULATION**
[72] BRICOT, BERNARD, FR
[71] BRICOT, BERNARD, FR
[85] 2021-03-15
[86] 2019-09-10 (PCT/FR2019/052083)
[87] (WO2020/058599)
[30] FR (1858528) 2018-09-20

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[13] A1
[51] **Int.Cl. A61B 5/25 (2021.01) A61B 5/282 (2021.01) A61B 5/291 (2021.01) A61B 5/296 (2021.01)**
[25] FR
[54] **SENSOR FOR MEASURING A BIOLOGICAL POTENTIAL**
[54] **CAPTEUR POUR MESURER UN POTENTIEL BIOLOGIQUE**
[72] LE LOUS, GUIREC, FR
[72] REYNAUD, ROBIN, FR
[71] URGOTECH, FR
[85] 2021-03-15
[86] 2019-10-02 (PCT/FR2019/052324)
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[30] FR (18 59133) 2018-10-02

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[51] **Int.Cl. B01J 20/22 (2006.01) B01J 20/28 (2006.01) F17C 1/00 (2006.01)**
[25] EN
[54] **GAS STORAGE MATERIAL**
[54] **MATERIAU DE STOCKAGE DE GAZ**
[72] FONTAINE, BRUNO, JP
[72] GINET, PATRICK, JP
[72] HORI, AKIHIRO, JP
[72] HOSONO, NOBUHIKO, JP
[72] KUSAKA, SHINPEI, JP
[72] KITAGAWA, SUSUMU, JP
[72] LAVENN, CHRISTOPHE, JP
[72] MA, YUNSHENG, JP
[72] MATSUDA, RYOTARO, JP
[72] BONNEAU, MICKAELE, JP
[71] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[71] KYOTO UNIVERSITY, JP
[71] NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM, JP
[85] 2021-03-15
[86] 2019-09-05 (PCT/EP2019/073684)
[87] (WO2020/057990)
[30] JP (2018-175922) 2018-09-20

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[51] **Int.Cl. D04D 7/02 (2006.01) D02G 3/34 (2006.01)**
[25] EN
[54] **A KNITTING YARN AND A METHOD OF FORMING A KNITTED PRODUCT**
[54] **FIL A TRICOTER ET PROCEDE DE FORMATION D'UN PRODUIT TRICOTE**
[72] SENCOPUR, MEHMET ABDULLAH, TR
[71] YUNTEKS TEKSTIL SANAYI VE TICARET LIMITED SIRKETI, TR
[85] 2021-03-15
[86] 2020-04-29 (PCT/EP2020/061971)
[87] (WO2020/221838)
[30] EP (19172069.7) 2019-04-30

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[51] **Int.Cl. G16C 20/10 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTING QUALITY OF A CHEMICAL COMPOUND AND/OR OF A FORMULATION THEREOF AS A PRODUCT OF A PRODUCTION PROCESS**
[54] **SYSTEME ET PROCEDE DE PREDICTION DE QUALITE D'UN COMPOSE CHIMIQUE ET/OU DE SA FORMULATION EN TANT QUE PRODUIT D'UN PROCESSUS DE PRODUCTION**
[72] MRZIGLOD, THOMAS, DE
[72] WURTH, LYNN, DE
[72] MAES, TOM, DE
[72] WELLNER, KAI CHRISTOPHER, DE
[72] TOSCH, STEPHAN, DE
[72] BOCK, CHRISTIAN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2021-03-15
[86] 2019-09-17 (PCT/EP2019/074792)
[87] (WO2020/058237)
[30] EP (18195266.4) 2018-09-18

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[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A MACHINE FOR PROCESSING PLASTICS**
[54] **PROCEDE DE COMMANDE D'UNE MACHINE DE TRAITEMENT DE MATIERES PLASTIQUES**
[72] DUFFNER, EBERHARD, DE
[72] KRAIBUHLER, HERBERT, DE
[71] ARBURG GMBH + CO KG, DE
[85] 2021-03-15
[86] 2019-09-19 (PCT/EP2019/075142)
[87] (WO2020/058387)
[30] DE (10 2018 123 361.2) 2018-09-23

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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **ELECTRODE PATCH WITH MULTIPLE MEASUREMENT POINTS**
[54] **PATCH D'ELECTRODE A MULTIPLES POINTS DE MESURE**
[72] WROBLEWSKI, GRZEGORZ, PL
[72] MACIEJEWSKI, ADRIAN, PL
[72] KOLTOWSKI, LUKASZ, PL
[71] SMARTMEDICS SP. Z O.O., PL
[85] 2021-03-15
[86] 2019-09-18 (PCT/EP2019/074963)
[87] (WO2020/058314)
[30] EP (18196123.6) 2018-09-21

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[13] A1
[51] **Int.Cl. C12N 9/90 (2006.01) C12N 15/82 (2006.01) C12P 5/00 (2006.01)**
[25] EN
[54] **METHOD TO OBTAIN LOW TRITERPENE/TRITERPENOID-CONTAINING NATURAL RUBBER LATEX**
[54] **PROCEDE POUR OBTENIR UN LATEX DE CAOUTCHOUC NATUREL A FAIBLE TENEUR EN TRITERPENES/TRITERPENOIDES**
[72] SCHULZE GRONOVER, CHRISTIAN, DE
[72] UNLAND, KRISTINA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2021-03-15
[86] 2019-11-08 (PCT/EP2019/080668)
[87] (WO2020/094838)
[30] EP (18205121.9) 2018-11-08

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[51] **Int.Cl. B22D 11/06 (2006.01) B22D 31/00 (2006.01) B29C 43/22 (2006.01) B29C 43/24 (2006.01) H01F 41/04 (2006.01)**
[25] EN
[54] **ROLLER CASTING METHOD FOR PRODUCING A SPIRAL STRUCTURE**
[54] **PROCEDE DE COULEE-LAMINAGE DESTINE A LA FABRICATION D'UNE STRUCTURE EN SPIRALE**
[72] WOSTMANN, FRANZ-JOSEF, DE
[72] HEUSER, MICHAEL, DE
[72] BUSSE, MATTHIAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2021-03-15
[86] 2019-09-19 (PCT/EP2019/075157)
[87] (WO2020/058395)
[30] DE (10 2018 215 974.2) 2018-09-19

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[13] A1
[51] **Int.Cl. H02K 15/04 (2006.01) H02K 3/18 (2006.01)**
[25] EN
[54] **PRODUCTION OF A HELIX, PERMANENT MOLD FOR A HELIX, AND HELIX**
[54] **FABRICATION D'UNE SPIRALE, MOULE PERMANENT POUR UNE SPIRALE ET SPIRALE ASSOCIEE**
[72] WOSTMANN, FRANZ-JOSEF, DE
[72] HEUSER, MICHAEL, DE
[72] BUSSE, MATTHIAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2021-03-15
[86] 2019-09-19 (PCT/EP2019/075160)
[87] (WO2020/058397)
[30] DE (10 2018 215 986.6) 2018-09-19

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[13] A1
[51] **Int.Cl. H02K 3/18 (2006.01) B22C 9/00 (2006.01) H02K 15/04 (2006.01)**
[25] EN
[54] **CASTING MOULD FOR PRODUCING HELICAL CAST BODIES**
[54] **MOULE POUR LA FABRICATION DE CORPS MOULES HELICOIDAUX**
[72] BUSSE, MATTHIAS, DE
[72] WOSTMANN, FRANZ-JOSEF, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2021-03-15
[86] 2019-09-19 (PCT/EP2019/075191)
[87] (WO2020/058412)
[30] DE (10 2018 215 955.6) 2018-09-19

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/19 (2006.01) A61K 31/198 (2006.01) A61K 31/203 (2006.01) A61K 31/558 (2006.01) A61K 31/606 (2006.01) A61K 31/727 (2006.01) A61K 35/74 (2015.01) A61K 38/08 (2019.01) A61K 38/26 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHODS OF TREATING INFLAMMATORY AND AUTOIMMUNE DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES INFLAMMATOIRES ET AUTO-IMMUNES**
[72] SHAILUBHAI, KUNWAR, US
[71] TIZIANA LIFE SCIENCES PLC, GB
[85] 2021-03-15
[86] 2019-10-31 (PCT/EP2019/079836)
[87] (WO2020/089396)
[30] US (62/753,445) 2018-10-31

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[51] **Int.Cl. G01F 1/704 (2006.01) G01F 1/708 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING A FLOW VELOCITY OF A GAS STREAM**
[54] **PROCEDE ET DISPOSITIF DE MESURE D'UNE VITESSE D'ECOULEMENT D'UN FLUX DE GAZ**
[72] CONRADS, HANS-GEORG, DE
[71] PROMECON PROCESS MEASUREMENT CONTROL GMBH, DE
[85] 2021-03-15
[86] 2019-09-24 (PCT/EP2019/075710)
[87] (WO2020/064731)
[30] DE (10 2018 123 448.1) 2018-09-24

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **ANTISENSE RNA TARGETING PMP22 FOR THE TREATMENT OF CHARCOT-MARIE-TOOTH 1A DISEASE**
[54] **ARN ANTISENS CIBLANT PMP22 POUR LE TRAITEMENT D'UNE MALADIE DE CHARCOT-MARIE-TOOTH DE TYPE 1A**
[72] MASSADE, LILIANE, FR
[72] MASSAAD, CHARBEL, FR
[72] BOUTARY, SUSAN, FR
[72] URBINATI, GIORGIA MARIA LAURA, FR
[72] COUVREUR, PATRICK, FR
[72] DESMAELE, DIDIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2021-03-15
[86] 2019-09-24 (PCT/EP2019/075736)
[87] (WO2020/064749)
[30] EP (18306241.3) 2018-09-25

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[13] A1
[51] **Int.Cl. C08B 37/16 (2006.01) A61K 31/724 (2006.01) C08L 5/16 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORMS OF SUGAMMADEX**
[54] **NOUVELLES FORMES CRISTALLINES DU SUGAMMADEX**
[72] AVALLE, PAOLO, CH
[72] CODAN, LORENZO, CH
[72] LARPENT, PATRICK, CH
[72] SCHOLL, JOCHEN, CH
[71] WERTHENSTEIN BIOPHARMA GMBH, CH
[85] 2021-03-15
[86] 2019-09-25 (PCT/EP2019/075823)
[87] (WO2020/064811)
[30] US (62/737,140) 2018-09-27

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[13] A1
[51] **Int.Cl. G01C 21/36 (2006.01)**
[25] EN
[54] **AUTOMATICALLY PAIRING GPS DATA TO PLANNED TRAVEL ROUTES OF MOBILE OBJECTS**
[54] **MISE EN CORRESPONDANCE AUTOMATIQUE DE DONNEES GPS AVEC DES ITINERAIRES DE DEPLACEMENT PLANIFIES D'OBJETS MOBILES**
[72] CIVITELLA, ANTONIO, US
[72] MESSIA, JOSEPH, US
[71] TRANSFINDER CORPORATION, US
[85] 2021-03-15
[86] 2019-08-12 (PCT/US2019/046167)
[87] (WO2020/081146)
[30] US (62/747,195) 2018-10-18
[30] US (16/212,806) 2018-12-07

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[13] A1
[51] **Int.Cl. C08F 8/12 (2006.01) C08K 5/3435 (2006.01) C08L 51/06 (2006.01)**
[25] EN
[54] **LOW SPEED CROSS-LINKING CATALYST FOR SILANE-GRAFTED PLASTOMERS**
[54] **CATALYSEUR DE RETICULATION A FAIBLE VITESSE POUR PLASTOMERES GREFFES AU SILANE**
[72] PRIETO, OSCAR, SE
[72] ODERKERK, JEROEN, SE
[72] RUSKEENIEMI, JARI-JUSSI, FI
[72] HELLSTROM, STEFAN, SE
[72] PIEL, TANJA, AT
[72] MILEVA, DANIELA, AT
[71] BOREALIS AG, AT
[85] 2021-03-15
[86] 2019-09-26 (PCT/EP2019/075979)
[87] (WO2020/069952)
[30] EP (18198382.6) 2018-10-02

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[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61B 34/20 (2016.01) A61B 17/34 (2006.01)**
[25] EN
[54] **DEVICE IMPLANTATION USING A CARTRIDGE**
[54] **IMPLANTATION DE DISPOSITIF A L'AIDE D'UNE CARTOUCHE**
[72] YOUNG, ROBIN, US
[72] SABES, PHILIP N., US
[71] NEURALINK CORP., US
[85] 2021-03-15
[86] 2019-09-12 (PCT/US2019/050858)
[87] (WO2020/056169)
[30] US (62/731,446) 2018-09-14

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[13] A1
[51] **Int.Cl. C08K 9/04 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **INDUSTRIAL SCALE PROCESSES FORM A COVALENT BONDED MONOMER AND GRAPHENE OXIDE STRUCTURES**
[54] **PROCEDES A L'ECHELLE INDUSTRIELLE POUR FORMER DES STRUCTURES DE MONOMERE ET D'OXYDE DE GRAPHENE LIES PAR COVALENCE**
[72] RESTREPO, DAVID, US
[72] MCINNIS, MATTHEW, US
[72] CHRISTIANSEN, SEAN, US
[71] GARMOR INC., US
[85] 2021-03-15
[86] 2019-09-17 (PCT/US2019/051405)
[87] (WO2020/060973)
[30] US (62/732,723) 2018-09-18

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[51] **Int.Cl. C07J 9/00 (2006.01) A61K 9/14 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) C07J 21/00 (2006.01) C07J 31/00 (2006.01) C07J 33/00 (2006.01) C07J 41/00 (2006.01) C07J 43/00 (2006.01) C12N 15/10 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **STEROL PURIFICATION**
[54] **PURIFICATION DE STEROL**
[72] BUTORA, GABOR, US
[72] LIM, JIN, US
[72] SHEN, GARY, US
[72] VOLKERT, ALISON, US
[71] MODERNATX, INC., US
[85] 2021-03-15
[86] 2019-09-19 (PCT/US2019/051940)
[87] (WO2020/061317)
[30] US (62/733,522) 2018-09-19

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[51] **Int.Cl. C08G 59/56 (2006.01) C08G 59/66 (2006.01) C08L 63/00 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **THIOL-CONTAINING COMPOSITION**
[54] **COMPOSITION CONTENANT UN THIOL**
[72] CONDIE, ALLISON G., US
[72] FRENCH, MARIA S., US
[72] ZHOU, HONGYING, US
[72] NAKAJIMA, MASAYUKI, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2021-03-15
[86] 2019-09-20 (PCT/US2019/052123)
[87] (WO2020/061436)
[30] US (62/733,816) 2018-09-20

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[51] **Int.Cl. C12Q 1/6886 (2018.01)**
[25] EN
[54] **CELL-FREE DNA HYDROXYMETHYLATION PROFILES IN THE EVALUATION OF PANCREATIC LESIONS**
[54] **PROFILS D'HYDROXYMETHYLATION D'ADN ACELLULAIRES DANS L'EVALUATION DE LESIONS PANCREATIQUES**
[72] ARENSDORF, PATRICK A., US
[72] LEVY, SAMUEL, US
[72] KU, CHIN-JEN, US
[72] COLLIN, FRANCOIS, US
[71] BLUESTAR GENOMICS, INC., US
[85] 2021-03-15
[86] 2019-09-19 (PCT/US2019/052026)
[87] (WO2020/061380)
[30] US (62/733,566) 2018-09-19

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[51] **Int.Cl. H04L 29/06 (2006.01) G06F 16/16 (2019.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR TRANSFERRING ELECTRONIC INFORMATION**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE TRANSFERER DES INFORMATIONS ELECTRONIQUES**
[72] DALE, ROBERT JOHN, GB
[72] THORP, JOHN ALAN, GB
[71] THE SECRETARY OF STATE FOR FOREIGN AND COMMONWEALTH AFFAIRS, GB
[85] 2021-03-15
[86] 2019-09-14 (PCT/GB2019/000131)
[87] (WO2020/058658)
[30] GB (1815120.9) 2018-09-17

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[51] **Int.Cl. B66B 11/02 (2006.01) B66B 7/00 (2006.01) B66B 9/00 (2006.01) B66B 11/00 (2006.01)**
[25] EN
[54] **GLASS ELEVATOR INNOVATIONS**
[54] **INNOVATIONS D'ASCENSEUR EN VERRE**
[72] DARNLEY, ANDREW, III, US
[72] SIEGMANN, SUSAN MARIE, US
[72] MARSHALL, JOSEPH HARLAN, US
[72] DUNCAN, JESSE SCOTT, US
[71] NATIONWIDE LIFTS, US
[85] 2021-03-15
[86] 2019-09-27 (PCT/US2019/053375)
[87] (WO2020/069265)
[30] US (62/737,198) 2018-09-27

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[51] **Int.Cl. C12N 15/864 (2006.01) C12Q 1/6876 (2018.01) A61K 35/76 (2015.01) C12N 7/01 (2006.01) C12N 15/35 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **AAV TRIPLE-PLASMID SYSTEM**
[54] **SYSTEME TRIPLE PLASMIDE AAV**
[72] CHOI, VIVIAN, US
[72] LI, XING, US
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[85] 2021-03-15
[86] 2019-10-24 (PCT/US2019/057916)
[87] (WO2020/086881)
[30] US (62/750,603) 2018-10-25

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[51] **Int.Cl. A23J 3/26 (2006.01) A23L 7/17 (2016.01) A23L 15/00 (2016.01) A23P 30/34 (2016.01)**
[25] EN
[54] **CRISPED PROTEINACEOUS FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE PROTEINE CROUSTILLANT**
[72] STUBE, ALICIA, US
[72] RUDIE, NOEL, US
[71] MICHAEL FOODS, INC., US
[85] 2021-03-15
[86] 2019-10-29 (PCT/US2019/058655)
[87] (WO2020/092432)
[30] US (62/752,770) 2018-10-30

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[13] A1
[51] **Int.Cl. G06N 20/00 (2019.01)**
[25] EN
[54] **HIGH FREQUENCY QRS IN BIOMETRIC IDENTIFICATION**
[54] **QRS HAUTE FREQUENCE DANS UNE IDENTIFICATION BIOMETRIQUE**
[72] DELGADO, REYNOLDS M., US
[71] DELGADO, REYNOLDS M., US
[85] 2021-03-15
[86] 2019-09-27 (PCT/US2019/053542)
[87] (WO2020/139431)
[30] US (62/739,741) 2018-10-01

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 30/02 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY DELIVERING CRITERION-DRIVEN MESSAGING**
[54] **SYSTEME ET PROCEDE POUR LA DISTRIBUTION AUTOMATIQUE DE MESSAGES DEPENDANT DE CRITERES**
[72] LEBLANC, NOLA, CA
[72] GAUDREAULT, YVES, CA
[72] MILLETTE, IVAN JR., CA
[71] 9378-7570 QUEBEC INC D.B.A. WINK.LOVE, CA
[85] 2021-01-27
[86] 2018-08-01 (PCT/CA2018/050943)
[87] (WO2020/024037)

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[51] **Int.Cl. G01N 23/20025 (2018.01)**
[25] EN
[54] **BALL-MAPPING SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME DE CARTOGRAPHIE DE BALLE ET PROCEDE DE FONCTIONNEMENT CORRESPONDANT**
[72] PINEAULT, JAMES, CA
[72] ISKRA, ALEC, CA
[72] LEVCOVICI, BOGDAN, CA
[72] BRAUSS, MICHAEL, CA
[71] PROTO PATENTS LTD., CA
[85] 2021-03-11
[86] 2019-09-12 (PCT/CA2019/051295)
[87] (WO2020/051708)
[30] US (62/731,344) 2018-09-14

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[51] **Int.Cl. A61K 35/747 (2015.01) A23L 33/135 (2016.01) A61K 8/99 (2017.01) A61K 9/00 (2006.01) A61P 29/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **VESICLES DERIVED FROM LACTOBACILLUS PARACASEI AND USE OF SAME**
[54] **VESICULES DERIVEES DE LACTOBACILLUS PARACASEI ET UTILISATION CORRESPONDANTE**
[72] KIM, YOON-KEUN, KR
[72] MOON, CHANG MO, KR
[71] MD HEALTHCARE INC., KR
[85] 2021-03-10
[86] 2019-08-13 (PCT/KR2019/010267)
[87] (WO2020/141685)
[30] KR (10-2018-0174027) 2018-12-31
[30] KR (10-2019-0048671) 2019-04-25

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[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 30/02 (2012.01) G06F 21/10 (2013.01) G06F 16/27 (2019.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR ONLINE CONTENT PLATFORM AND RELATED CRYPTOCURRENCY**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR PLATEFORME DE CONTENU EN LIGNE ET MONNAIE CRYPTOGRAPHIQUE ASSOCIEE**
[72] IERVOLINO, ANDREA, IT
[71] IERVOLINO, ANDREA, IT
[85] 2021-03-15
[86] 2019-09-05 (PCT/IB2019/000985)
[87] (WO2020/053647)
[30] US (16/132,277) 2018-09-14

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[51] **Int.Cl. A61K 31/568 (2006.01) A61K 31/138 (2006.01) A61K 31/277 (2006.01) A61K 31/337 (2006.01) A61K 31/4166 (2006.01) A61K 31/519 (2006.01) A61K 31/565 (2006.01) A61K 31/5685 (2006.01) A61K 31/58 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATIONS WITH A C-19 STEROID FOR TREATING CANCERS**
[54] **COMBINAISONS AVEC UN STEROIDE C -19 POUR LE TRAITEMENT DE CANCERS**
[72] UNTEREGGER, GERHARD, DE
[72] SCHONFELD, WOLFGANG, AT
[71] CURADIS GMBH, DE
[85] 2021-03-15
[86] 2019-10-04 (PCT/EP2019/076938)
[87] (WO2020/070296)
[30] EP (18198631.6) 2018-10-04

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[13] A1
[51] **Int.Cl. E04B 1/14 (2006.01) E04B 1/61 (2006.01) E04C 2/38 (2006.01) E04D 3/366 (2006.01) E04B 1/38 (2006.01)**
[25] EN
[54] **A BUILDING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONSTRUCTION**
[72] KINNUNEN, JORMA, FI
[71] CC WIZARD OY, FI
[85] 2021-03-15
[86] 2018-09-28 (PCT/FI2018/050702)
[87] (WO2020/065123)

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[13] A1
[51] **Int.Cl. A61K 31/455 (2006.01) A61K 31/519 (2006.01) A61K 31/565 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATIONS OF TGFB INHIBITORS AND CDK INHIBITORS FOR THE TREATMENT OF BREAST CANCER**
[54] **COMBINAISONS D'INHIBITEURS DE TGFB ET D'INHIBITEURS DE CDK POUR LE TRAITEMENT DU CANCER DU SEIN**
[72] PERNASETTI, FLAVIA MERCER, US
[71] PFIZER INC., US
[85] 2021-03-15
[86] 2019-09-16 (PCT/IB2019/057776)
[87] (WO2020/058820)
[30] US (62/732,618) 2018-09-18
[30] US (62/733,120) 2018-09-19
[30] US (62/890,168) 2019-08-22
[30] US (62/892,771) 2019-08-28

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR TRANSFERRING ELECTRONIC INFORMATION**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE TRANSFERER DES INFORMATIONS ELECTRONIQUES**
[72] DALE, ROBERT JOHN, GB
[72] THORP, JOHN ALAN, GB
[71] THE SECRETARY OF STATE FOR FOREIGN AND COMMONWEALTH AFFAIRS, GB
[85] 2021-03-15
[86] 2019-09-14 (PCT/GB2019/000132)
[87] (WO2020/058659)
[30] GB (1815120.9) 2018-09-17

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[13] A1
[51] **Int.Cl. C08G 61/00 (2006.01) C08G 73/00 (2006.01) H01L 51/46 (2006.01)**
[25] EN
[54] **CONJUGATED POLYMERS INCLUDING AN INDACEN-4-ONE DERIVATIVE, PROCEDURE FOR THEIR PREPARATION AND PHOTOVOLTAIC DEVICES COMPRISING THE SAME**
[54] **POLYMERES CONJUGUES COMPRENANT UN DERIVE D'INDACEN-4-ONE, PROCEDE POUR LEUR PREPARATION ET DISPOSITIFS PHOTOVOLTAIQUES LES COMPRENANT**
[72] BIANCHI, GABRIELE, IT
[71] ENI S.P.A., IT
[85] 2021-03-15
[86] 2019-09-18 (PCT/IB2019/057843)
[87] (WO2020/058860)
[30] IT (102018000008724) 2018-09-19

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[51] **Int.Cl. F41H 9/10 (2006.01) F42B 27/00 (2006.01) F42B 39/20 (2006.01) F42C 9/10 (2006.01)**
[25] EN
[54] **IGNITER WITH A DELAY TIME THAT CAN BE SET**
[54] **UNITE D'ALLUMAGE PRESENTANT UN TEMPS DE RETARDEMENT REGLABLE**
[72] CEGIEL, DIRK, DE
[72] SCHULZ, ERNEST, DE
[72] STRENGER, JULIA, DE
[72] HABEL, FRANK, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2021-03-15
[86] 2019-10-07 (PCT/EP2019/077102)
[87] (WO2020/074452)
[30] DE (10 2018 124 363.4) 2018-10-08

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[51] **Int.Cl. H02J 7/34 (2006.01) B60L 53/51 (2019.01) B60L 53/52 (2019.01) B60L 53/53 (2019.01) B60L 53/57 (2019.01) H02J 7/00 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **DISPATCHABLE RENEWABLE POWER SUPPLY**
[54] **ALIMENTATION ELECTRIQUE RENOUVELABLE DISTRIBUABLE**
[72] JANKEL, PAUL, GB
[72] POSTLE-FLOYD, HAYDEN, GB
[72] TAYLOR, DANIEL, GB
[71] AQUANOVIS HOLDINGS LIMITED, GB
[85] 2021-03-15
[86] 2019-09-25 (PCT/GB2019/052704)
[87] (WO2020/065310)
[30] GB (1815677.8) 2018-09-26
[30] GB (1816604.1) 2018-10-11
[30] GB (1911377.8) 2019-08-08

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[54] **APPAREIL POUR LE MOULAGE PAR COMPRESSION D'OBJETS CONCAVES**
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[72] PUCCI, FABRIZIO, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
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[54] **PROCEDE DE PURIFICATION DE CANNABINOIDES**
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[71] NOVASEP PROCESS, FR
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[54] **METHOD FOR PROVIDING A HEAT EXCHANGER BLOCK WITH A HOUSING AS WELL AS HEAT EXCHANGER BLOCK HAVING SUCH A HOUSING**
[54] **PROCEDE PERMETTANT DE DOTER UN BLOC D'ECHANGEUR DE CHALEUR D'UN BOITIER AINSI QUE BLOC D'ECHANGEUR DE CHALEUR AYANT UN TEL BOITIER**
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[72] SABACZUK, FRANK, DE
[71] ZEHNDER GROUP INTERNATIONAL AG, CH
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[54] **DISPOSITIF DE SEPARATION DE GAZ NON HYDROCARBONE ET PROCEDE DE REGENERATION DE MEMBRANE DE SEPARATION INORGANIQUE**
[72] HASEGAWA, HIROAKI, JP
[72] OGURO, SYUICHI, JP
[72] TERATANI, SHOGO, JP
[72] OKAZAKI, JUNYA, JP
[72] TAKEUCHI, MIZUKI, JP
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[54] **SOLUTION DE CONSERVATION DE CELLULES DE MAMMIFERES CONTENANT DE L'ACARBOSE OU DU STACHYOSE**
[72] SHIRAKAWA, CHIKAGE, JP
[72] NISHIMURA, MASUHIRO, JP
[72] DOI, MASAKO, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
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[54] **GESTION DE TACHES PAR L'INTERMEDIAIRE D'APPLICATIONS DE CLAVIER LOGICIEL**
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[54] **SYSTEME DE CENTRE DE FABRICATION DEPLOYABLE (DMC) ET PROCEDE DE FABRICATION DE PIECES METALLIQUES**
[72] LATOUR, ANDREW VANOS, US
[72] EONTA, CHRISTOPHER, US
[72] CHANG, JOEL, US
[72] STEINER, SCOTT, US
[72] CHARLES, MATTHEW, US
[71] MOLYWORKS MATERIALS CORP., US
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[54] **APPAREIL DE CATHETERISME, CATHETER ET PROCEDE**
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[54] **IMPLEMENTING A GRAPHICAL OVERLAY FOR A STREAMING GAME BASED ON CURRENT GAME SCENARIO**
[54] **MISE EN □UVRE D'UNE SUPERPOSITION GRAPHIQUE POUR UN JEU EN DIFFUSION EN CONTINU SUR LA BASE D'UN SCENARIO DE JEU ACTUEL**
[72] WHEELER, JOSEPH, US
[72] NOVAK, CHRISTOPHER M., US
[72] CHAVEZ, ARON R., US
[72] ESSELSTROM, TYLER, US
[72] WIEST, PETER M., US
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[54] **COMPOSITIONS COMPRENANT UN INHIBITEUR DE CRAC ET UN CORTICOSTEROIDE AINSI QUE LEURS METHODES D'UTILISATION**
[72] VISWANADHA, SRIKANT, IN
[72] VAKKALANKA, SWAROOP KUMAR VENKATA SATYA, CH
[71] RHIZEN PHARMACEUTICALS AG, CH
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[54] **MATERIAU DE STOCKAGE A FROID, REFRIGERATEUR, DISPOSITIF INCORPORANT UNE BOBINE SUPRACONDUCTRICE, ET PROCEDE DE FABRICATION DE MATERIAU DE STOCKAGE A FROID**
[72] KAWAMOTO, TAKAHIRO, JP
[72] EGUCHI, TOMOKO, JP
[72] YAMASHITA, TOMOHIRO, JP
[72] HAGIWARA, MASAYA, JP
[72] SAITO, AKIKO, JP
[72] USUI, DAICHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA MATERIALS CO., LTD., JP
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[54] **PROCEDE DE TRAITEMENT D'EAU DE SOUS-PRODUIT INDUSTRIEL POUR UNE UTILISATION AVANTAGEUSE OPTIMALE**
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[54] **COMPLEXES DE TETRACYCLINE A ACTIVITE PROLONGEE**
[72] KIESOW, ANDREAS, DE
[72] BUCHHOLZ, MIRKO, DE
[72] SAREMBE, SANDRA, DE
[72] MADER, KARSTEN, DE
[72] KIRCHBERG, MARTIN, DE
[72] EICK, SIGRUN, CH
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] MARTIN-LUTHER-UNIVERSITAT HALLE-WITTENBERG, DE
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[54] **DISPOSITIF D'ECLAIRAGE DE CASQUE DE SECURITE**
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[71] KMX CO., LTD., KR
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[54] **DISPOSITIF DE SOINS DES TISSUS ET PROCEDE D'UTILISATION**
[72] NEWELL, MATTHEW BYRNES, US
[72] CLAUSON, LUKE W., US
[72] IKOMA, AKIHIKO, JP
[71] MARUHO MEDICAL, INC., US
[71] INNOVATIVE DRIVE CORPORATION, US
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[54] **PROCEDE ET APPAREIL DE PREDICTION**
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, CN
[72] RUFITSKIY, VASILY ALEXEEVICH, CN
[72] CHEN, JIANLE, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CAPUCHON INTELLIGENT UNIVERSEL POUR STYLOS-INJECTEURS**
[72] LIMAYE, AMIT, US
[72] GARTNER, JEREMY, US
[72] PONCE DE LEON, PHILIP, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **PHARMACEUTICAL COMPOSITION FOR TREATING RETINAL DISEASES, COMPRISING NKX3.2 AND FRAGMENT THEREOF AS ACTIVE INGREDIENTS**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DES MALADIES RETINIENNES, COMPRENANT DU NKX3.2 ET UN FRAGMENT CORRESPONDANT A TITRE DE PRINCIPES ACTIFS**
[72] KIM, DAE-WON, KR
[72] YUM, YOUNG-NA, KR
[72] RYU, HEUI-YOUNG, KR
[72] JEONG, DA-UN, KR
[72] CHOI, SEUNG-WON, KR
[71] ICM CO., LTD., KR
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[54] **METHOD AND DEVICE FOR CODING/DECODING IMAGE USING INTRA PREDICTION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE A L'AIDE D'UNE PREDICTION INTRA**
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[71] B1 INSTITUTE OF IMAGE TECHNOLOGY, INC., KR
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[54] **SYSTEMES ET PROCEDE D'AFFICHAGE D'UNE PRISE DE CONSCIENCE ENVIRONNEMENTALE D'UN VEHICULE AUTONOME**
[72] XUE, HAN HAN, US
[72] GUO, JISI, US
[72] DILL, KATHERINE MARISA, US
[72] JESSEN, JOHAN ULRICH LEWIN, US
[72] LIU, AUDREY, US
[72] PANICHEV, OLEG VADIM, US
[72] RASMUSSON, ROBERT EARL, US
[71] LYFT, INC., US
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[54] **SYRINGE SHIELD, SYRINGE SHIPPING AND ADMINISTRATION SYSTEM, AND COMPONENTS THEREFOR**
[54] **PROTECTION DE SERINGUE, SYSTEME D'EXPEDITION ET D'ADMINISTRATION DE SERINGUE, ET COMPOSANTS ASSOCIES**
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[72] SEGRT, MICO, CA
[72] PETROVIC, RASHO, CA
[71] KAMEN, ROBERT, CA
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **EMBALLAGE DE CONTENANT EN PAPIER ET SON PROCEDE DE FABRICATION**
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[71] CHANG, KAI-YU, CN
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[54] **NOUVEAUX OXADIAZOLES**
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[72] NAIK, MARUTI N, IN
[72] PAWAR, RAJESH, IN
[72] TRIVEDI, POOJA, IN
[72] DENGALE, ROHIT ARVIND, IN
[72] KULKARNI, SHANTANU GANESH, IN
[72] TEMBHARE, NITIN RAMESH, IN
[72] AUTKAR, SANTOSH SHRIDHAR, IN
[72] GARG, RUCHI, IN
[72] VENKATESHA, HAGALAVADI M, IN
[72] KLAUSENER, ALEXANDER G.M., DE
[71] PI INDUSTRIES LTD., IN
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[72] MATLOCK, MARK, US
[72] SWINEHART, KIRBY, US
[72] WICKLUND, LORI, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
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[54] **PROCEDE D'ACCES ALEATOIRE, ET TERMINAL**
[72] WU, YUMIN, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
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[54] **OXADIAZOLES UTILISES COMME FONGICIDES**
[72] BHUJADE, PARAS RAYBHAN, IN
[72] NAIK, MARUTI N, IN
[72] RAMAKRISHNA, VISANNAGARI, IN
[72] YUVARAJ, J., IN
[72] KUMBAR, SURESH, IN
[72] GUMME, SACHIN NAGNATH, IN
[72] AUTKAR, SANTOSH SHRIDHAR, IN
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[72] VENKATESHA, HAGALAVADI M, IN
[72] KLAUSENER, ALEXANDER G.M., DE
[72] ADHAV, NILESH BHARAT, IN
[71] PI INDUSTRIES LTD, IN
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[54] **PROCEDE ET APPAREIL DE MOUSSAGE DE CAFE A HAUT RENDEMENT**
[72] ZHAO, FENG, CN
[71] MAKE TUBE S.R.L., IT
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'INFORMATIONS DE TRANCHE**
[72] XIN, YANG, CN
[72] WU, XIAOBO, CN
[72] CHONG, WEIWEI, CN
[72] ZHU, FANGYUAN, CN
[72] MARQUEZAN, CLARISSA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SWISS TURNING TOOL ASSEMBLY**
[54] **ENSEMBLE OUTIL DE TOURNAGE SUISSE**
[72] SHAHEEN, PHILIP, IL
[71] ISCAR LTD., IL
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[54] **POWER CYCLE MODULATION CONTROL FOR POWER CONVERTERS**
[54] **COMMANDE DE MODULATION DE CYCLE D'ALIMENTATION POUR CONVERTISSEURS DE COURANT**
[72] LIU, YAN-FEI, CA
[72] CHEN, YANG, CA
[72] LIU, WENBO, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2021-03-16
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[54] **AN ORGANOMETALLIC COMPOUND FOR HYDROCARBON CRACKING**
[54] **COMPOSE ORGANOMETALLIQUE POUR LE CRAQUAGE D'HYDROCARBURES**
[72] KOTTARI, NARESH, IN
[72] RAJA, KANUPARTHY NAGA, IN
[72] RAJU, CHINTALAPATI SIVA KESAVA, IN
[72] PUDI, SATYANARAYANA MURTY, IN
[72] SHARMA, BHAVESH, IN
[72] MANGALA, RAMKUMAR, IN
[72] VENKAT CHALAPATHI RAO, PEDDY, IN
[72] VENKATESWARLU CHOUDARY, NETTAM, IN
[72] SRIGANESH, GANDHAM, IN
[71] HINDUSTAN PETROLEUM CORPORATION LIMITED, IN
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[54] **TUNABLE MODELS FOR DISTRIBUTED COMMODITIES IN AGRICULTURE**
[54] **MODELES ACCORDABLES POUR PRODUITS REPARTIS EN AGRICULTURE**
[72] TERRES, MARIA ANTONIA, US
[72] EWING, ROBERT P., US
[72] GATES, JOHN B., US
[72] MCGOWAN, ANDREW ROBERT, US
[71] THE CLIMATE CORPORATION, US
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[54] **POUCH WITH BREAKABLE SEAL**
[54] **POCHE A JOINT CASSABLE**
[72] COMPO, MARK J., US
[72] BALESTRI, MICHAEL, US
[71] VELTEK ASSOCIATES, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR EYE TRACKING DURING EYE TREATMENT**
[54] **SYSTEMES ET METHODES D'OCULOMETRIE PENDANT UN TRAITEMENT OCULAIRE**
[72] MUKHERJEE, AMIT, US
[72] RUZHITSKY, VLADIMIR, US
[72] USHER, DAVID, US
[71] AVEDRO, INC., US
[85] 2021-03-15
[86] 2019-09-19 (PCT/US2019/051872)
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[25] EN
[54] **METHODS AND SYSTEMS FOR VAPORIZER SECURITY AND TRACEABILITY MANAGEMENT**
[54] **PROCEDES ET SYSTEMES DE GESTION DE TRACABILITE ET DE SECURITE DE VAPORISATEUR**
[72] BARBARIC, MLADEN, CA
[72] LIAO, YUHAO, CA
[72] CORBELLINI, LUCA, CA
[72] YAPI, NATHAN SONGA, CA
[72] KIM, SUNGMOON, CA
[72] KIM, BONG GEUN, CA
[72] MOON, CHONGCHUN, CA
[71] AIRGRAFT INC., CA
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[25] EN
[54] **APPARATUS FOR COVERING A VEHICLE EMPLACEMENT AND IMPLEMENTATION METHOD**
[54] **APPAREIL PERMETTANT DE COUVRIR UN EMPLACEMENT DE VEHICULE ET PROCEDE DE MISE EN □UVRE**
[72] DIVENUTO, DIEGO, IT
[72] FERRARIN, MARCO, IT
[71] SMART MOBILITY SOLUTIONS S.R.L., IT
[85] 2021-03-12
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[54] **APPARATUS AND METHOD FOR FUSING CURD**
[54] **APPAREIL ET PROCEDE DE FUSION DE CAILLE**
[72] DORE, MICHEL, CA
[71] DORE, MICHEL, CA
[85] 2021-03-16
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[51] **Int.Cl. H04N 19/597 (2014.01) H04N 19/105 (2014.01) H04N 19/119 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **IMAGE ENCODING/DECODING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] KIM, KI BAEK, KR
[71] B1 INSTITUTE OF IMAGE TECHNOLOGY, INC., KR
[85] 2021-03-15
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[25] EN
[54] **SYSTEMS AND METHODS TREATING FOR CORNEAL ECTATIC DISORDERS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT POUR DES TROUBLES ECTATIQUES CORNEENS**
[72] RAJPAL, RAJESH K., US
[72] LYTLE, GRACE ELIZABETH, US
[71] AVEDRO, INC., US
[85] 2021-03-15
[86] 2019-09-19 (PCT/US2019/051876)
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[25] EN
[54] **INJECTABLE LONG-ACTING NALTREXONE MICROPARTICLE COMPOSITIONS**
[54] **COMPOSITIONS INJECTABLES DE MICROPARTICULES DE NALTREXONE A ACTION PROLONGEE**
[72] YOON, GWANGHEUM, US
[72] SOH, BONG KWAN, US
[72] OTTE, ANDREW DAVID, US
[72] PARK, KINAM, US
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[71] PURDUE RESEARCH FOUNDATION, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR PRINTING A CORE FIBER**
[54] **SYSTEMES ET PROCEDES D'IMPRESSION D'UNE FIBRE A NOYAU**
[72] BEYER, SIMON, CA
[72] MOHAMED, TAMER, CA
[72] BSOUL, ANAS, CA
[72] PAN, SHENG, CA
[72] WADSWORTH, SAM, CA
[72] RUSSO, VALERIO, CA
[72] MAHADEVA, SURESHA, CA
[72] WALUS, KONRAD, CA
[72] HE, JACKSON, CA
[71] ASPECT BIOSYSTEMS LTD., CA
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[25] EN
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[54] **ANALOGUES DE STEROL ET LEURS UTILISATIONS**
[72] BENENATO, KERRY, US
[72] CORNEBISE, MARK, US
[72] HENNESSY, EDWARD J., US
[71] MODERNATX, INC., US
[85] 2021-03-15
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[25] EN
[54] **CONTAINER FOR CLEANING AND STERILIZING MENSTRUAL CUPS**
[54] **RECIPIENT POUR LE NETTOYAGE ET LA STERILISATION DE COUPES MENSTRUELLES**
[72] LEQUAY, PAUL, FR
[72] SLOWIK, IGA, PL
[71] SHE IS LUCID SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, PL
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[25] EN
[54] **MEMBRANES FOR FORWARD OSMOSIS AND MEMBRANE DISTILLATION AND PROCESS OF TREATING FRACKING WASTEWATER**
[54] **MEMBRANES POUR OSMOSE DIRECTE, DISTILLATION MEMBRANAIRE ET PROCEDE DE TRAITEMENT D'EAUX USEES DE FRACTURATION**
[72] RAHAMAN, SAIFUR, CA
[72] CHEN, TIANTIAN, CA
[72] MA, WEN, CA
[72] ISLAM, SHAHIDUL, CA
[71] VALORBEC, S.E.C., CA
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[86] 2019-09-18 (PCT/CA2019/051324)
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[25] FR
[54] **TIGHTNESS TESTING SYSTEM FOR A CABLE GLAND FEED-THROUGH OF A PARTITION IN PARTICULAR OF AN IMMERSIBLE ELECTRICAL CONNECTOR**
[54] **SYSTEME DE TEST DE L'ETANCHEITE D'UN PRESSE-ETOUPE DE TRAVERSEE D'UNE CLOISON NOTAMMENT D'UN CONNECTEUR ELECTRIQUE IMMERGEABLE**
[72] PRISER, MATHIEU, FR
[72] CHIFFOLEAU, ALEXANDER, FR
[72] BOURGET, JEAN-CHRISTOPHE, FR
[71] NAVAL ENERGIES, FR
[85] 2021-03-16
[86] 2019-09-16 (PCT/EP2019/074605)
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[51] **Int.Cl. F27B 14/00 (2006.01) F27D 27/00 (2010.01) C22C 1/10 (2006.01) C22C 32/00 (2006.01) F27B 15/00 (2006.01) F27D 3/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PREPARING AN ALUMINIUM MELT INCLUDING A FLUIDIZATION TANK**
[54] **SYSTEME POUR PREPARER UN BAIN D'ALUMINIUM FONDU COMPRENANT UNE CUVE DE FLUIDISATION**
[72] KRISTIANSSON, STEFAN, SE
[72] JOHANSSON, ANDERS, SE
[72] JANSSON, PATRIK, SE
[72] GOTLIND, MAGNUS, SE
[71] AUTOMOTIVE COMPONENTS FLOBY AB, SE
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[51] **Int.Cl. A61K 31/4709 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **QUINOLINE DERIVATIVE USED FOR TREATING SMALL CELL LUNG CANCER**
[54] **DERIVE DE QUINOLEINE UTILISE POUR LE TRAITEMENT DU CANCER DU POUMON A PETITES CELLULES**
[72] WANG, SHANCHUN, CN
[72] YU, DING, CN
[72] WANG, XUNQIANG, CN
[72] PENG, BANGAN, CN
[72] LIU, LU, CN
[72] DAI, JIE, CN
[72] ZHOU, HANG, CN
[72] MIAO, YADONG, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **ARTICULATED FLUID DELIVERY SYSTEM WITH REMOTE-CONTROLLED SPATIAL POSITIONING**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE ARTICULE A POSITIONNEMENT SPATIAL TELECOMMANDE**
[72] KIBLER, MATTHEW E., US
[72] SCHOLL, KYLE, US
[72] SNOKE, NICOLAS G., US
[71] FHE USA LLC, US
[85] 2021-03-15
[86] 2019-09-20 (PCT/US2019/052248)
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[30] US (62/734,749) 2018-09-21
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[51] **Int.Cl. B65D 5/66 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **PACKET FOR PRODUCTS OF THE CIGARETTE INDUSTRY**
[54] **EMBALLAGE DESTINE A DES PRODUITS DE L'INDUSTRIE DU TABAC**
[72] SCHNEIDER, CHRISTOPH, DE
[72] SCHLENKER, MICHAEL, DE
[71] FOCKE & CO. (GMBH & CO. KG), DE
[85] 2021-03-16
[86] 2019-09-18 (PCT/EP2019/074950)
[87] (WO2020/058306)
[30] DE (10 2018 007 465.0) 2018-09-21
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[25] EN
[54] **SYSTEM AND MIXING ARRANGEMENT FOR PREPARING AN ALUMINIUM MELT**
[54] **SYSTEME ET AGENCEMENT DE MELANGE POUR LA PREPARATION D'UNE MASSE FONDUE D'ALUMINIUM**
[72] GOTLIND, MAGNUS, SE
[72] KRISTIANSSON, STEFAN, SE
[72] JOHANSSON, ANDERS, SE
[72] JANSSON, PATRIK, SE
[71] AUTOMOTIVE COMPONENTS FLOBY AB, SE
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[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/0789 (2010.01)**
[25] EN
[54] **ACCELERATED HUMAN HEMATOPOIETIC STEM CELL DIFFERENTIATION TOWARDS MATURE NATURAL KILLER CELLS WITH ENHANCED ANTIBODY-DEPENDENT CYTOTOXIC ACTIVITY**
[54] **DIFFERENCIATION DE CELLULES SOUCHES HEMATOPOIETIQUES HUMAINES ACCELEREES VERS DES CELLULES TUEUSES NATURELLES MATURES AVEC UNE ACTIVITE CYTOTOXIQUE DEPENDANTE DES ANTICORPS AMELIO REE**
[72] KIEKENS, LAURA, BE
[72] LECLERCQ, GEORGES, BE
[71] UNIVERSITEIT GENT, BE
[85] 2021-03-11
[86] 2019-09-30 (PCT/EP2019/076459)
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[51] **Int.Cl. G06K 9/48 (2006.01)**
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[54] **VISUAL SEARCH ENGINE**
[54] **MOTEUR DE RECHERCHE VISUELLE**
[72] SOLLAMI, MICHAEL, US
[71] SALESFORCE.COM, INC., US
[85] 2021-03-15
[86] 2019-09-23 (PCT/US2019/052397)
[87] (WO2020/068647)
[30] US (62/735,604) 2018-09-24
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[25] EN
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[54] **AGONISTE DE TLR8**
[72] CAI, ZHE, CN
[72] SUN, FEI, CN
[72] DING, CHARLES Z., CN
[72] CHEN, SHUHUI, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2021-03-16
[86] 2019-09-19 (PCT/CN2019/106687)
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[30] CN (201811094969.4) 2018-09-19

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[51] **Int.Cl. C12Q 1/6832 (2018.01) C12Q 1/6841 (2018.01)**
[25] FR
[54] **HIGH-THROUGHPUT METHOD FOR DETECTING CHROMOSOMAL ABERRATIONS AND/OR TELOMERE ABERRATIONS**
[54] **PROCEDE A HAUT DEBIT POUR DETECTER DES ABERRATIONS CHROMOSOMIQUES ET/OU DES ABERRATIONS DE TELOMERES**
[72] M'KACHER, RADHIA, FR
[71] CELL ENVIRONMENT, FR
[85] 2021-03-16
[86] 2019-09-17 (PCT/EP2019/074870)
[87] (WO2020/058268)
[30] FR (1858427) 2018-09-18

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[25] EN
[54] **HERBICIDALLY ACTIVE SUBSTITUTED PHENYLPYRIMIDINE HYDRAZIDES**
[54] **HYDRAZIDES DE PHENYLPYRIMIDINE SUBSTITUES A ACTION HERBICIDE**
[72] KUHN, BIRGIT, DE
[72] SCHNATTERER, STEFAN, DE
[72] SCHMUTZLER, DIRK, DE
[72] ASMUS, ELISABETH, DE
[72] MACHETTIRA, ANU BHEEMAIAH, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2021-03-16
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[30] EP (18195364.7) 2018-09-19

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[51] **Int.Cl. C04B 41/63 (2006.01) C09D 5/02 (2006.01)**
[25] EN
[54] **COATING COMPOSITION FOR CONTROLLING EFFLORESCENCE**
[54] **COMPOSITION DE REVETEMENT POUR LUTTER CONTRE LES EFFLORESCENCES**
[72] LECOMTE, JEAN-PAUL, BE
[72] VYOERYKKAE, JOUKO, CH
[72] SALVATI, SABRINA, BE
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] DOW SILICONES CORPORATION, US
[85] 2021-03-15
[86] 2019-09-23 (PCT/US2019/052399)
[87] (WO2020/068649)
[30] US (62/737,577) 2018-09-27

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[25] EN
[54] **METHOD FOR INCREASING STORAGE STABILITY OF FUNGAL SPORES**
[54] **PROCEDE D'AUGMENTATION DE LA STABILITE AU STOCKAGE DE SPORES FONGIQUES**
[72] STEINWENDER, BERNHARDT MICHAEL, DE
[72] LANVER, DANIEL, DE
[72] NEUMANN, FRED, DE
[72] WUTTKE, MARTINA, DE
[71] BAYER CROPSCIENCE BIOLOGICS GMBH, DE
[85] 2021-03-16
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[54] **INHIBITION OF HISTONE METHYL TRANSFERASES TO TREAT CANCER**
[54] **INHIBITION D'HISTONE METHYLTRANSFERASES POUR TRAITER LE CANCER**
[72] SCHULE, ROLAND, DE
[72] METZGER, ERIC, FR
[72] WANG, SHENG, DE
[72] JUNG, MANFRED, DE
[72] BARTHES, NICOLAS, FR
[72] BREIT, BERNHARD, DE
[72] SARRAF, DAAD, DE
[72] PAPPERT, TABEA, DE
[71] ALBERT-LUDWIGS-UNIVERSITAT FREIBURG, DE
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[54] **HYBRID INSULATING PANEL, FRAME, AND ENCLOSURE**
[54] **PANNEAU D'ISOLATION HYBRIDE, CADRE ET ENCEINTE**
[72] COSTANZA, JAMES M., US
[72] REIGER, BRIAN L., US
[72] AUSBURN, BRIAN W., US
[71] KPS GLOBAL LLC, US
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[54] **FOOD COMPOSITION CONTAINING A MIXTURE OF LEGUMINOUS PROTEINS AND CASEIN**
[54] **COMPOSITION ALIMENTAIRE CONTENANT UN MELANGE DE PROTEINES DE LEGUMINEUSES ET DE CASEINE**
[72] ITO, GOICHI, JP
[72] HORI, SAYAKA, JP
[72] SATO, AYANA, JP
[71] ROQUETTE FRERES, FR
[85] 2021-03-16
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[54] **DATA SENDING METHOD AND APPARATUS, DATA RECEIVING METHOD AND APPARATUS, COMMUNICATION APPARATUS, COMMUNICATION SYSTEM, AND STORAGE MEDIUM**
[54] **APPAREIL ET METHODE D'ENVOI DE DONNEES, APPAREIL ET METHODE DE RECEPTIONDE DONNEES, APPAREIL DE COMMUNICATION, SYSTEME DE COMMUNICATION ET SUPPORT DE STOCKAGE**
[72] JIANG, CHUANGXIN, CN
[72] LU, ZHAOHUA, CN
[72] WU, HAO, CN
[72] GAO, BO, CN
[72] LI, YUNGOK, CN
[72] ZHANG, SHUJUAN, CN
[72] XIAO, HUAHUA, CN
[72] YAN, WENJUN, CN
[71] ZTE CORPORATION, CN
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[54] **FAUCET CARTRIDGE REMOVAL TOOL**
[54] **OUTIL D'ENLEVEMENT DE CARTOUCHE DE ROBINET**
[72] WIDNER, WAYNE, US
[72] FOLK, RANDY, US
[71] J & M TOOL DESIGN, LLC, US
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[54] **BASE DE BASEBALL**
[72] GARLAND, TYLOR, US
[72] BRADFORD, STEPHEN, US
[72] LATHAM, MICHAEL, US
[72] CASTRO, ANDREW, US
[72] REICH, ROBERT, US
[72] FARRIS-GILBERT, CEZANNE, US
[72] SONG, WILL, US
[71] MAJOR LEAGUE BASEBALL PROPERTIES, INC., US
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[25] FR
[54] **PROTEIN-ENRICHED CHOCOLATE, AND METHOD FOR PRODUCING SAME**
[54] **CHOCOLAT ENRICHI EN PROTEINES ET SON PROCEDE DE PREPARATION**
[72] CHOROMANSKY, PIERRE, FR
[72] LAGACHE, SYLVIE, FR
[72] RAIMBAULT, CAMILLE, FR
[72] GIRARD, SOPHIE, FR
[71] ROQUETTE FRERES, FR
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[54] **COMPOSITES HAVING A THERMOPLASTIC MATRIX**
[54] **COMPOSITE COMPRENANT UNE MATRICE THERMOPLASTIQUE**
[72] FRANOSCH, JURGEN, DE
[72] SZENTIVANYI, ANDREAS, DE
[72] RIES, HANS, DE
[72] BEYER, HORST, DE
[71] EVONIK OPERATIONS GMBH, DE
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[54] **MECHANICAL SEAL WITH INTEGRATED RFID SENSOR**
[54] **JOINT D'ETANCHEITE MECANIQUE DOTE DE CAPTEUR RFID INTEGRE**
[72] STRONCK, JOHN M., US
[71] A.W. CHESTERTON COMPANY, US
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[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS FOR THE SAME**
[54] **COMPOSITIONS DE SOIN BUCCODENTAIRE ET PROCEDES POUR CELLES-CI**
[72] DONG, RONG, US
[72] PETROU, IRENE, US
[72] PIMENTA, PALOMA, US
[72] LAVENDER, STACEY, US
[72] PILCH, SHIRA, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **FLEXIBLE, ADJUSTABLE LENS POWER LIQUID CRYSTAL CELLS AND LENSES**
[54] **CELLULES DE CRISTAUX LIQUIDES SOUPLES A PUISSANCE DE LENTILLE AJUSTABLE ET LENTILLES**
[72] LIN, HUNG-CHUN, TW
[72] WANG, YU-JEN, TW
[72] LO, HAO-REN, TW
[72] LIN, YI-HSIN, TW
[71] COOPERVISION INTERNATIONAL LIMITED, GB
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[25] EN
[54] **LONG BONE FRACTURE REDUCTION SYSTEM**
[54] **SYDTEME DE REDUCTION DE FRACTURES D'OS LONGS**
[72] CASTRO, FRANK, US
[71] CASTRO, FRANK, US
[85] 2021-03-16
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[25] EN
[54] **METHOD FOR MOUNTING A CONVEYOR CHAIN FOR A PALLET BELT OF A MOVING WALKWAY**
[54] **METHODE D'INSTALLATION D'UNE CHAINE DE CONVOYEUR POUR UNE COURROIE DE PALETTE D'UN TROTTOIR MECANIQUE**
[72] PRAXMARER, DOMINIK, AT
[72] KLEEWEIN, GERHARD, AT
[72] STREIBIG, KURT, AT
[71] INVENTIO AG, CH
[85] 2021-03-16
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[25] EN
[54] **AREA COVERING ELEMENT**
[54] **ELEMENT DE COUVERTURE DE ZONE**
[72] LINGG, EDWIN, IT
[71] LI&CO AG, CH
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[25] EN
[54] **DEVICES AND METHOD FOR MEASURING AN ANALYTE CONCENTRATION IN A SAMPLE OF BODILY FLUID**
[54] **DISPOSITIFS ET PROCEDE DE MESURE D'UNE CONCENTRATION D'ANALYTE DANS UN ECHANTILLON DE FLUIDE CORPOREL**
[72] HOERTZ, CHRISTIAN, DE
[72] BERG, MAX, DE
[72] HAILER, FREDRIK, DE
[72] LIMBURG, BERND, DE
[72] SIEFFERT, DANIEL, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2021-03-16
[86] 2019-10-29 (PCT/EP2019/079445)
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[25] EN
[54] **UTILITY METER REGISTER OPTICAL READING DEVICE**
[54] **DISPOSITIF DE LECTURE OPTIQUE DE REGISTRE DE COMPTEUR DE FOURNISSEUR**
[72] MORT, HUGH WILLIAM, GB
[72] JACKSON, GARRY RAYMOND, GB
[71] DEER TECHNOLOGY LTD, GB
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[51] **Int.Cl. A47L 9/00 (2006.01)**
[25] EN
[54] **UPRIGHT SURFACE TREATMENT APPARATUS HAVING REMOVABLE POD**
[54] **APPAREIL DE TRAITEMENT DE SURFACE VERTICALE DOTE D'UNE NACELLE AMOVIBLE**
[72] NIEDZWECKI, SCOTT B., US
[72] BROWN, ANDRE D., US
[72] SU, MINGSHUN, CN
[72] YANG, ROBERT, CN
[72] COTTRELL, LEE M., US
[72] CLEARY, PATRICK, US
[71] SHARKNINJA OPERATING LLC, US
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[54] **SYSTEM AND METHOD FOR DETERMINING THE COLOR OF TEETH AND ATTACHMENT FOR USE IN THE SYSTEM**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LA COULEUR DE DENTS ET ACCESSOIRE DESTINE A ETRE UTILISE DANS LE SYSTEME**
[72] KUCHARCZYK, RONNY, DE
[72] FRANKE, FREDERIKE, DE
[72] VOSS, BJORN, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[71] DENTSPLY SIRONA INC., US
[85] 2021-03-16
[86] 2019-11-08 (PCT/EP2019/080681)
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[54] **PYRROLOBENZODIAZEPINE CONJUGATES**
[54] **CONJUGUES DE PYRROLOBENZODIAZEPINE**
[72] HOWARD, PHILIP WILSON, GB
[72] HUTCHINSON, IAN, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2021-03-16
[86] 2019-10-18 (PCT/EP2019/078402)
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[54] **DISPENSER FOR DISPOSABLE UTENSILS**
[54] **DISTRIBUTEUR POUR USTENSILES JETABLES**
[72] GOLTZ, RYAN A., US
[72] ROZEK, ROY J., US
[72] WILLIQUETTE, MATTHEW K., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2021-03-16
[86] 2019-08-06 (PCT/US2019/045218)
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[25] EN
[54] **PARTITION COMPRISING BOARDS MOUNTED ONTO UPRIGHT ELONGATE MEMBERS AND METHOD FOR CONSTRUCTING THE SAME**
[54] **CLOISON COMPRENANT DES PLAQUES MONTEES SUR DES ELEMENTS ALLONGES VERTICAUX ET PROCEDE DE CONSTRUCTION CORRESPONDANT**
[72] RIDEOUT, JAN, GB
[72] JONES, NICHOLAS, GB
[71] SAINT-GOBAIN PLACO, FR
[85] 2021-03-15
[86] 2019-09-10 (PCT/GB2019/052523)
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[51] **Int.Cl. B23B 27/14 (2006.01)**
[25] EN
[54] **TURNING INSERT HAVING PENINSULA AND ISLAND PROTRUSIONS, AND TURNING TOOL**
[54] **PLAQUETTE DE TOURNAGE DOTEE DE SAILLIES EN PENINSULE ET EN ILOT, ET OUTIL DE TOURNAGE**
[72] DAKWAR, AMJAD, IL
[72] HEN, DANIEL, IL
[71] ISCAR LTD., IL
[85] 2021-03-16
[86] 2019-08-29 (PCT/IL2019/050971)
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[51] **Int.Cl. C04B 28/14 (2006.01)**
[25] EN
[54] **FIRE-RESISTANT GYPSUM PANEL COMPRISING UNEXPANDED PERLITE ORE AND METHOD OF MAKING IT**
[54] **PLAQUE DE PLATRE IGNIFUGE COMPRENANT DU MINERAI DE PERLITE NON EXPANSE ET SON PROCEDE DE FABRICATION**
[72] YUAN, YONGAN, US
[72] GILLEY, STUART BRANDON, US
[72] WILTZIUS, BRYAN, US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[25] EN
[54] **LASER APPARATUS AND METHOD OF OPERATION THEREFOR**
[54] **APPAREIL LASER ET SON PROCEDE DE FONCTIONNEMENT**
[72] KHACHATUROV, ARKADY, IL
[71] LUMENIS LTD, IL
[85] 2021-03-16
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[51] **Int.Cl. A61B 18/20 (2006.01) A61B 34/32 (2016.01) A61N 5/06 (2006.01)**
[25] EN
[54] **REAL TIME MONITORING OF COSMETIC LASER AESTHETIC SKIN TREATMENT PROCEDURES**
[54] **SURVEILLANCE EN TEMPS REEL DE PROCEDURES DE TRAITEMENT ESTHETIQUE DE LA PEAU PAR LASER COSMETIQUE**
[72] SCHUSTER, ISRAEL, IL
[71] LUMENIS LTD, IL
[85] 2021-03-16
[86] 2019-10-07 (PCT/IL2019/051091)
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[25] EN
[54] **ERBUMINE SALT OF TREPROSTINIL**
[54] **SEL ERBUMINE DE TREPROSTINIL**
[72] REMICK, DAVID MICHAEL, US
[71] ELI LILLY AND COMPANY, US
[85] 2021-03-16
[86] 2019-09-11 (PCT/US2019/050632)
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[54] **MEDICAL TUBE POSITION CONFIRMATION SYSTEM**
[54] **SYSTEME DE CONFIRMATION DE POSITION DE TUBE MEDICAL**
[72] MIIKE, SHINYA, JP
[72] SUZUKI, YUTAKA, JP
[71] NEUROCEUTICALS INC., JP
[85] 2021-03-16
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[25] EN
[54] **POLYURETHANE EXCIPIENT**
[54] **EXCIPIENT DE POLYURETHANE**
[72] RIFFEY, JACOB, US
[72] ZUPANCICH, JOHN ANDREW, US
[72] AL-RASHID, JENNIFER, US
[71] DSM IP ASSETS B.V., NL
[85] 2021-03-16
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[25] EN
[54] **MASKED CYTOKINE POLYPEPTIDES**
[54] **POLYPEPTIDES DE CYTOKINE MASQUES**
[72] KAROW, MARGARET, US
[72] LAI, DEBORAH MOORE, US
[72] TOMAR, DHEERAJ, US
[72] JOHNSON, PARKER, US
[72] ROZENFELD, RAPHAEL, US
[72] O'HAGAN, RONAN, US
[72] QIU, HUAWEI, US
[71] XILIO DEVELOPMENT, INC., US
[85] 2021-03-15
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[30] US (62/737,803) 2018-09-27
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[25] EN
[54] **CONDUCTIVE ELEMENT**
[54] **ELEMENT CONDUCTEUR**
[72] FRANKS, JOHN, GB
[72] DELMAS, MATHIEU, GB
[72] PRENTICE, CALVIN, GB
[71] QUANTUM CONDUCTORS LTD, GB
[85] 2021-03-16
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[30] GB (1815359.3) 2018-09-20

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[25] EN
[54] **AUTOMATIC MOORING APPARATUS FOR WATERCRAFT**
[54] **APPAREIL D'AMARRAGE AUTOMATIQUE POUR BATEAU**
[72] VIRAGH, ATTILA, HU
[71] DOCKSTAR TECHNOLOGIES ZRT., HU
[85] 2021-03-16
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[54] **SYNTHETIC METHOD FOR THE PREPARATION OF A 3-[5-AMINO-4-(3-CYANOBENZOYL)-PYRAZOL COMPOUND**
[54] **PROCEDE DE SYNTHESE POUR LA PREPARATION D'UN COMPOSE 3-[5-AMINO-4-(3-CYANOBENZOYL)-PYRAZOLE**
[72] MEISENBACH, MARK, CH
[72] MARTIN, BENJAMIN, CH
[72] RONDE, NIEK JOHANNES, NL
[72] RUIZ, CARMEN, NL
[71] MEREO BIOPHARMA 1 LIMITED, GB
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[30] GB (1815695.0) 2018-09-26

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[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 25/16 (2006.01)**
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[54] **METHODS FOR THE ADMINISTRATION OF COMT INHIBITORS**
[54] **PROCEDES D'ADMINISTRATION D'INHIBITEURS DE COMT**
[72] LOEWEN, GORDON, US
[72] LIANG, GRACE, US
[72] SMITH, EVAN, US
[71] NEUROCRINE BIOSCIENCES, INC., US
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[25] EN
[54] **PIEZOELECTRIC MATERIALS AND STRUCTURES BASED ON CELLULOSE NANOCRYSTALS**
[54] **MATERIAUX ET STRUCTURES PIEZOELECTRIQUES A BASE DE NANOCRISTAUX DE CELLULOSE**
[72] HAMAD, WADOOD Y., CA
[72] MIAO, CHUANWEI, CA
[71] FPINNOVATIONS, CA
[85] 2021-03-10
[86] 2019-09-06 (PCT/CA2019/051248)
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[25] EN
[54] **PET FOOD COMPOSITIONS FOR WEIGHT MANAGEMENT IN PETS WITH ADVERSE FOOD REACTION**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE PERMETTANT LA GESTION DU POIDS CHEZ LES ANIMAUX DE COMPAGNIE DEVELOPPANT UNE REACTION ALIMENTAIRE INDESIRABLE**
[72] GARZINO, BENEDICTE, FR
[72] HOURS, MARIE-ANNE, FR
[72] CHARLES, HELENE, FR
[72] FILIPPINI, MATTHIEU, FR
[71] MARS, INCORPORATED, US
[85] 2021-03-15
[86] 2019-10-17 (PCT/US2019/056678)
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[25] EN
[54] **SYNTHETIC METHOD FOR THE PREPARATION OF AN HYDRAZINE COMPOUND**
[54] **PROCEDE DE SYNTHESE POUR LA PREPARATION D'UN COMPOSE HYDRAZINE**
[72] LI, YUNZHONG, CN
[72] JIANG, XIAOBIN, CN
[72] RONDE, NIEK JOHANNES, NL
[72] RUIZ, CARMEN, NL
[72] DAUVERGNE, JEROME, GB
[71] MEREO BIOPHARMA 1 LIMITED, GB
[85] 2021-03-16
[86] 2019-09-26 (PCT/GB2019/052719)
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[51] **Int.Cl. C07C 253/30 (2006.01)**
[25] EN
[54] **SYNTHETIC METHOD FOR THE PREPARATION OF AN ALKOXYMETHYLENE-BENZOYLACETONITRILE**
[54] **PROCEDE SYNTHETIQUE POUR LA PREPARATION D'UN ALCOXYMETHYLENE-BENZOYLACETONITRILE**
[72] MEISENBACH, MARK, CH
[72] MARTIN, BENJAMIN, CH
[72] RONDE, NIEK JOHANNES, NL
[71] MEREO BIOPHARMA 1 LIMITED, GB
[85] 2021-03-16
[86] 2019-09-26 (PCT/GB2019/052720)
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[25] EN
[54] **A PUSH CHAIR**
[54] **POUSSETTE**
[72] SCHLAGMAN, RICHARD, CH
[72] DAHLSTROM, BJORN, SE
[71] JIJIBABA LIMITED, GB
[85] 2021-03-16
[86] 2019-09-18 (PCT/IB2019/000770)
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[30] GB (1815203.3) 2018-09-18
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[51] **Int.Cl. E21B 34/06 (2006.01) C22C 21/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **CORRODIBLE DOWNHOLE ARTICLE**
[54] **ARTICLE CORRODABLE EN PROFONDEUR DE FORAGE**
[72] MURPHY, MATTHEW, GB
[72] TURSKI, MARK, GB
[71] MAGNESIUM ELEKTRON LIMITED, GB
[85] 2021-03-16
[86] 2019-11-26 (PCT/GB2019/053331)
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[51] **Int.Cl. C12N 9/96 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **ARGINASE1 POLYPEPTIDES**
[54] **POLYPEPTIDES D'ARGINASE 1**
[72] ANDERSEN, MADS HALD, DK
[71] IO BIOTECH APS, DK
[85] 2021-03-16
[86] 2019-09-24 (PCT/EP2019/075731)
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[25] EN
[54] **CRYSTALLINE FORM OF TREOSULFAN**
[54] **FORME CRISTALLINE DE TREOSULFAN**
[72] BIALLECK, SEBASTIAN, DE
[72] HAFERKAMP, SVEN, DE
[72] MELLOR, ANNA, GB
[72] GOPALAKRISHNAN, DOMINIQUE ANNA, DE
[72] DWORAK, JURGEN, DE
[71] MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH, DE
[85] 2021-03-16
[86] 2019-09-25 (PCT/EP2019/075828)
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[30] EP (18196966.8) 2018-09-26

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[13] A1
[51] **Int.Cl. H04N 5/225 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **CAMERA SYSTEM AND ASSISTANCE SYSTEM FOR A VEHICLE AND A METHOD FOR OPERATING A CAMERA SYSTEM**
[54] **SYSTEME DE CAMERA ET SYSTEME D'ASSISTANCE POUR UN VEHICULE AINSI QUE PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME DE CAMERA**
[72] SMITS, THOMAS, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
[85] 2021-03-16
[86] 2019-09-25 (PCT/EP2019/075928)
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[30] DE (10 2018 218 735.5) 2018-10-31

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[25] EN
[54] **O-GLYCOPROTEIN-2-ACETAMIDO-2-DEOXY-3-D-GLUCOPYRANOSIDASE INHIBITORS**
[54] **INHIBITEURS D'O-GLYCOPROTEINE-2-ACETAMIDO-2-DESOXY-3-D-GLUCOPYRANOSIDASE**
[72] GENUNG, NATHAN, US
[72] GUCKIAN, KEVIN M., US
[72] VESSELS, JEFFREY, US
[72] ZHANG, LEI, US
[72] GIANATASSIO, RYAN, US
[72] LIN, EDWARD YIN SHIANG, US
[72] XIN, ZHILI, US
[71] BIOGEN MA INC., US
[85] 2021-03-16
[86] 2019-09-18 (PCT/US2019/051661)
[87] (WO2020/061150)
[30] US (62/733,484) 2018-09-19
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[51] **Int.Cl. F16L 33/22 (2006.01) B21D 41/02 (2006.01) B29C 57/04 (2006.01) F16L 47/22 (2006.01)**
[25] EN
[54] **COLD EXPANSION PIPE FITTING, PIPE CONNECTION, SYSTEM, EQUIPMENT, AND METHOD**
[54] **RACCORD DE TUYAU D'EXPANSION A FROID, RACCORDEMENT DE TUYAU, SYSTEME, EQUIPEMENT ET PROCEDE**
[72] ADELMAN, DUANE, US
[72] PLATT, ADAM, US
[71] UPONOR INNOVATION AB, SE
[85] 2021-03-16
[86] 2019-09-27 (PCT/EP2019/076219)
[87] (WO2020/065026)
[30] FI (20185806) 2018-09-27
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[51] **Int.Cl. A61K 31/513 (2006.01) A61K 31/18 (2006.01) A61K 31/535 (2006.01) A61K 31/553 (2006.01) A61K 31/675 (2006.01) A61K 31/683 (2006.01) A61K 45/00 (2006.01)**
[25] EN
[54] **INTEGRASE INHIBITORS FOR THE PREVENTION OF HIV**
[54] **INHIBITEURS D'INTEGRASE POUR LA PREVENTION DU VIH**
[72] BEKERMAN, ELENA, US
[72] CALLEBAUT, CHRISTIAN, US
[72] MCCALLISTER, SCOTT, US
[71] GILEAD SCIENCES, INC., US
[85] 2021-03-16
[86] 2019-09-18 (PCT/US2019/051681)
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[30] US (62/733,536) 2018-09-19

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[51] **Int.Cl. B29C 57/04 (2006.01) B21D 41/02 (2006.01)**
[25] EN
[54] **EXPANDER TOOL**
[54] **OUTIL ECARTEUR**
[72] ADELMAN, DUANE, US
[71] UPONOR INNOVATION AB, SE
[85] 2021-03-16
[86] 2019-09-27 (PCT/EP2019/076223)
[87] (WO2020/065027)
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[25] EN
[54] **TREATMENT FOR OBESITY**
[54] **TRAITEMENT DE L'OBESITE**
[72] LI, CHIANG J., US
[72] DERDAK, ZOLTAN, US
[72] STEVANOVIC, DARKO, US
[72] LIU, JIFENG, US
[71] 1GLOBE BIOMEDICAL CO., LTD., CN
[71] 1GLOBE HEALTH INSTITUTE LLC, US
[85] 2021-03-16
[86] 2019-09-18 (PCT/US2019/051788)
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[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 1/16 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **TREATMENT FOR NON-ALCOHOLIC FATTY LIVER DISEASE**
[54] **TRAITEMENT DE STEATOSES HEPATIQUES NON ALCOOLIQUES**
[72] LI, CHIANG J., US
[72] DERDAK, ZOLTAN, US
[72] LIU, JIFENG, US
[71] 1GLOBE BIOMEDICAL CO., LTD., CN
[71] 1GLOBE HEALTH INSTITUTE LLC, US
[85] 2021-03-16
[86] 2019-09-18 (PCT/US2019/051790)
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[51] **Int.Cl. G01J 3/40 (2006.01) G01N 21/65 (2006.01) H01L 21/265 (2006.01) H01L 29/73 (2006.01) H03F 3/04 (2006.01) H03G 3/30 (2006.01) H03G 5/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SATELLITE COMMUNICATION**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION PAR SATELLITE**
[72] EJECKAM, FELIX, US
[72] MITCHELL, JR., TYRONE D., US
[72] SAUNIER, PAUL, US
[72] FRANCIS, DANIEL, US
[71] AKASH SYSTEMS, INC., US
[85] 2021-03-16
[86] 2019-09-18 (PCT/US2019/051793)
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[30] US (62/733,581) 2018-09-19

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[51] **Int.Cl. C12N 1/20 (2006.01) A01N 63/20 (2020.01) C05F 11/08 (2006.01) C12N 9/16 (2006.01) C12N 15/01 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVING PHOSPHATE SOLUBILIZATION**
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA SOLUBILISATION DES PHOSPHATES**
[72] HIGGINS, DOUGLAS, US
[72] DAVIS-RICHARDSON, AUSTIN, US
[72] CLARK, ROSEMARY, US
[72] GOTTLIEB, SHAYIN, US
[72] LORIGAN, JAMES GERARD, US
[72] BLOCH, SARAH, US
[72] TEMME, KARSTEN, US
[72] TAMSIR, ALVIN, US
[71] PIVOT BIO, INC., US
[85] 2021-03-16
[86] 2019-09-19 (PCT/US2019/052003)
[87] (WO2020/061363)
[30] US (62/734,777) 2018-09-21

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[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/14 (2006.01) A61K 47/44 (2017.01)**
[25] EN
[54] **PEG LIPIDS AND USES THEREOF**
[54] **LIPIDES PEG ET LEURS UTILISATIONS**
[72] HENNESSY, EDWARD J., US
[72] BENENATO, KERRY, US
[71] MODERNATX, INC., US
[85] 2021-03-16
[86] 2019-09-19 (PCT/US2019/051888)
[87] (WO2020/061284)
[30] US (62/733,278) 2018-09-19
[30] US (62/745,184) 2018-10-12

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[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/00 (2006.01) A47L 7/00 (2006.01) A47L 11/00 (2006.01)**
[25] EN
[54] **CLEANING HEAD FOR A SURFACE TREATMENT APPARATUS HAVING ONE OR MORE STABILIZERS AND SURFACE TREATMENT APPARATUS HAVING THE SAME**
[54] **TETE DE NETTOYAGE POUR UN APPAREIL DE TRAITEMENT DE SURFACE AYANT UN OU PLUSIEURS STABILISATEURS ET APPAREIL DE TRAITEMENT DE SURFACE DOTE DE CELLE-CI**
[72] THORNE, JASON B., US
[72] XU, KAI, CN
[72] CHENG, BRUCE, US
[72] LIU, IAN, CN
[72] XU, AIMING, CN
[72] GAO, WENXIU, CN
[72] BROWN, ANDRE D., US
[72] JAMES, SAMUEL EMRYS, GB
[72] RIDGLEY, JORDAN, US
[72] SARDAR, NICHOLAS, GB
[72] PINCHES, CHRISTOPHER P., GB
[72] CLARE, DAVID S., GB
[72] COTTRELL, LEE M., US
[71] SHARKNINJA OPERATING LLC, US
[85] 2021-03-16
[86] 2019-09-19 (PCT/US2019/051889)
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[30] US (62/733,239) 2018-09-19
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[13] A1
[51] **Int.Cl. C07D 207/16 (2006.01) C07C 15/00 (2006.01) C07D 309/10 (2006.01) C07D 493/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF N-(1-((2-(DIMETHYLAMINO)ETHYL)AMINO)-2-METHYL-1-OOPROPAN-2-YL)-4-(4-(2-METHYL-5-(2S,3R,4R,5S,6R)-3,4,5-TRIHYDROXY-6-(METHYLTHIO)TETRAHYDRO-2H-PYRAN-2-YL)BENZYL)PHENL)BUTANAMIDE AND METHODS OF THEIR SYNTHESIS**
[54] **FORMES CRISTALLINES DE N-(1-((2-(DIMETHYLAMINO)ETHYL)AMINO)-2-METHYL-1-OOPROPAN-2-YL)-4-(4-(2-METHYL-5-(2S,3R,4R,5S,6R)-3,4,5-TRIHYDROXY-6-(METHYLTHIO)TETRAHYDRO-2H-PYRAN-2-YL)BENZYL)PHENYL)BUTANAMIDE ET PROCEDES DE SYNTHESE ASSOCIES**
[72] BEDNARZ, MARK STEPHEN, US
[72] DAI, KUANGCHU, CN
[72] ECKERT, JEFFREY MANNING, US
[72] LIM, NGIAP-KIE, US
[72] SIROIS, LAUREN, US
[72] WU, WENXUE, US
[72] ZHAO, MATTHEW MANGZHU, US
[71] LEXICON PHARMACEUTICALS, INC., US
[85] 2021-03-16
[86] 2019-09-23 (PCT/US2019/052414)
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[30] US (62/736,871) 2018-09-26

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[13] A1
[51] **Int.Cl. A63B 21/075 (2006.01) A63B 21/072 (2006.01) A63B 24/00 (2006.01)**
[25] EN
[54] **ELECTRONICALLY ACTUATED DUMBBELL WEIGHT TRAINING DEVICE HAVING SELECTIVELY CONNECTED WEIGHT PLATES**
[54] **DISPOSITIF D'ENTRAINEMENT DE POIDS D'HALTERE ACTIONNE ELECTRONIQUEMENT MUNI DE PLAQUES DE POIDS RELIEES SELECTIVEMENT**
[72] NALLEY, MARK, US
[72] PISELL, JARED S., US
[71] NALLEY, MARK, US
[85] 2020-12-11
[86] 2019-06-04 (PCT/US2019/035343)
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[30] US (16/016,267) 2018-06-22

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/127 (2006.01) A61K 9/16 (2006.01) A61K 9/19 (2006.01) A61K 31/65 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **METHODS FOR THE PREPARATION OF A PHARMACEUTICAL-VESICLE FORMULATION AND ASSOCIATED PRODUCTS AND USES**
[54] **PROCEDES DE PREPARATION D'UNE FORMULATION DE VESICULES CONTENANT UN AGENT PHARMACEUTIQUE ET PRODUITS ET UTILISATIONS ASSOCIES**
[72] WILLIAMSON, ETHEL DIANE, GB
[72] D'ELIA, RICCARDO VINCENZO, GB
[72] ROBERTS, CRAIG WILLIAM, GB
[72] WOODS, STUART, GB
[71] THE SECRETARY OF STATE FOR DEFENCE DSTL, GB
[71] THE UNIVERSITY OF STRATHCLYDE, GB
[85] 2021-03-12
[86] 2019-09-13 (PCT/GB2019/000134)
[87] (WO2020/053541)
[30] GB (1814959.1) 2018-09-14

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[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01) B60R 19/48 (2006.01) B60T 7/22 (2006.01)**
[25] EN
[54] **AUTOMATIC FEEDING SYSTEM, BARN FOR HOUSING ANIMALS USING SUCH A SYSTEM, AUTONOMOUSLY MOVEABLE FEEDING DEVICE FOR USE IN SUCH A SYSTEM, AND IMPACT ELEMENT FOR USE IN SUCH A SYSTEM**
[54] **SYSTEME D'ALIMENTATION AUTOMATIQUE, ETABLE POUR LOGER DES ANIMAUX A L'AIDE D'UN TEL SYSTEME, DISPOSITIF D'ALIMENTATION MOBILE DE MANIERE AUTONOME DESTINE A ETRE UTILISE DANS UN TEL SYSTEME, ET ELEMENT D'IMPACT DESTINE A ETRE UTILISE DANS UN TEL SYSTEME**
[72] 'T MANNETJE, LEON, NL
[71] LELY PATENT N.V., NL
[85] 2021-03-16
[86] 2019-09-19 (PCT/NL2019/050623)
[87] (WO2020/067885)
[30] NL (2021727) 2018-09-28

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/70 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MAINTAINING AND TRANSFERRING SAAS SESSION STATE**
[54] **SYSTEMES ET PROCEDES D'ENTRETIEN ET DE TRANSFERT D'ETAT DE SESSION SAAS**
[72] BORKAR, VIPIN, US
[72] SAMPATH, SANTOSH, US
[72] SHARMA, DEEPAK, US
[72] SANKARASUBRAMANIAN, ARVIND, US
[71] CITRIX SYSTEMS, INC., US
[85] 2021-03-15
[86] 2019-09-18 (PCT/US2019/051740)
[87] (WO2020/061197)
[30] US (16/135,773) 2018-09-19

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[13] A1
[51] **Int.Cl. B60N 2/225 (2006.01)**
[25] EN
[54] **RECLINING DEVICE FOR A VEHICLE SEAT**
[54] **DISPOSITIF D'INCLINAISON POUR UN SIEGE DE VEHICULE**
[72] USTUNBERK, CAN, IT
[72] ZAMBON, BRUNO, IT
[71] MARTUR ITALY S.R.L., IT
[85] 2021-03-16
[86] 2019-09-24 (PCT/IB2019/058074)
[87] (WO2020/065515)
[30] IT (102018000008904) 2018-09-25

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[13] A1
[51] **Int.Cl. A47J 45/06 (2006.01)**
[25] EN
[54] **VESSEL FOR COOKING FOOD AND ITS RESPECTIVE ENHANCED THERMAL SIGNALLING DEVICE**
[54] **RECIPIENT PERMETTANT LA CUISSON D'ALIMENTS ET SON DISPOSITIF DE SIGNALISATION THERMIQUE AMELIORE RESPECTIF**
[72] FERRON, FRANCESCO, IT
[71] ZWILLING BALLARINI ITALIA SRL, IT
[85] 2021-03-16
[86] 2019-09-23 (PCT/IB2019/058039)
[87] (WO2020/099952)
[30] IT (102018000010408) 2018-11-16

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[13] A1
[51] **Int.Cl. A61K 31/41 (2006.01) A61P 3/00 (2006.01) A61P 9/10 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF CARBAMATE COMPOUND FOR PREVENTION, ALLEVIATION, OR TREATMENT OF CONCURRENT SEIZURES**
[54] **UTILISATION D'UN COMPOSE CARBAMATE POUR LA PREVENTION, L'ATTENUATION OU LE TRAITEMENT DE CRISES EPILEPTIQUES CONCOMITANTES**
[72] CHOI, EUN JU, KR
[72] SHIN, HYE WON, KR
[72] SHIN, YU JIN, KR
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[54] **COMPOSITION CONTENANT UN THIOL**
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[72] NAKAJIMA, MASAYUKI, US
[72] TAN, KAR TEAN, US
[72] VOTRUBA-DRZAL, PETER L., US
[72] FRENCH, MARIA S., US
[72] ZHOU, HONGYING, US
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[71] PPG INDUSTRIES OHIO, INC., US
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[54] **IMAGE SIGNAL ENCODING/DECODING METHOD AND DEVICE THEREFOR**
[54] **PROCEDE DE CODAGE/DECODAGE DE SIGNAL D'IMAGE ET DISPOSITIF ASSOCIE**
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[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **RUBAN DE FIL SOLUBLE ET BOUCHONS POUR PUITS**
[72] GILL, GREGORY E., US
[72] COLPITT, CHARLES, US
[71] CONOCOPHILLIPS COMPANY, US
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[54] **ABRASION RESISTANT STEEL HAVING EXCELLENT HARDNESS AND IMPACT TOUGHNESS AND MANUFACTURING METHOD THEREFOR**
[54] **ACIER RESISTANT A L'ABRASION PRESENTANT UNE EXCELLENTE DURETE ET UNE EXCELLENTE SOLIDITE AU CHOC, ET SON PROCEDE DE FABRICATION**
[72] YU, SENG-HO, KR
[72] JUNG, YOUNG-JIN, KR
[72] CHO, NAM-YOUNG, KR
[71] POSCO, KR
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[54] **METHODES DE PURIFICATION D'ANTICORPS HETERODIMERES MULTISPECIFIQUES**
[72] JORGENSEN, BRETT, US
[72] SCHELLENBERGER, UTE, US
[71] TENEOBIO, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER WITH ANTI-CD123 IMMUNOTHERAPY**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER AU MOYEN D'UNE IMMUNOTHERAPIE ANTI-CD123**
[72] DIMITROV, DIMITER S., US
[72] ZHU, ZHONGYU, US
[72] ORENTAS, RIMAS J., US
[72] SCHNEIDER, DINA, US
[72] DROPULIC, BORO, US
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[54] **SYNTHETIC BINDING AGENTS FOR LIMITING PERMEATION THROUGH MUCUS**
[54] **AGENTS DE LIAISON SYNTHETIQUES PERMETTANT DE LIMITER LA PERMEATION A TRAVERS LE MUCUS**
[72] LAI, SAMUEL, US
[72] SHRESTHA, BHAWANA, US
[72] SCHAEFER, ALISON, US
[72] JACOBS, TIMOTHY, US
[72] MOENCH, THOMAS, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[71] MUCOMMUNE, LLC, US
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[54] **CERIUM-LANTHANUM TREATMENT METHOD FOR REDUCTION OF CONTAMINANTS IN WASTEWATER MEMBRANE BIOREACTORS**
[54] **PROCEDE DE TRAITEMENT DE CERIUM-LANTHANE POUR LA REDUCTION DE CONTAMINANTS DANS DES BIOREACTEURS A MEMBRANE POUR EAUX USEES**
[72] CORNISH, PAMELA LEIGH, US
[72] HANELINE, MASON REAMES, US
[71] NEO CHEMICAL & OXIDES, LLC, US
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[54] **INTERMEDIATES FOR PREPARING HERBICIDAL PYRIDAZINONES**
[54] **INTERMEDIAIRES POUR PREPARER DES PYRIDAZINONES HERBICIDES**
[72] MCCANN, STEPHEN FREDERICK, US
[72] STEVENSON, THOMAS MARTIN, US
[71] FMC CORPORATION, US
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[54] **METHOD AND PROCESS FOR CREATING A COMPOSITE MATERIAL**
[54] **PROCEDE ET PROCESSUS DE CREATION D'UN MATERIAU COMPOSITE**
[72] DEAN, RICHARD NICHOLAS ANDREW, NZ
[72] PULLAR, CLENNELL CHARLES, NZ
[71] ZGRIT LIMITED, NZ
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[54] **PYRIDAZINONE HERBICIDES AND PYRIDAZINONE INTERMEDIATES USED TO PREPARE A HERBICIDE**
[54] **HERBICIDES DE PYRIDAZINONE ET INTERMEDIAIRES DE PYRIDAZINONE UTILISES POUR PREPARER UN HERBICIDE**
[72] SELBY, THOMAS PAUL, US
[72] STEVENSON, THOMAS MARTIN, US
[72] MCCANN, STEPHEN FREDERICK, US
[72] MARSHALL, ERIC ALLEN, US
[72] CHEN, YUZHONG, US
[71] FMC CORPORATION, US
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[54] **BALLOON ENCAPSULATION AND ISOVOLUMETRIC SUCTION THROMBECTOMY CATHETER AND METHODS THEREOF**
[54] **CATHETER D'ENCAPSULATION DE BALLONNET ET DE THROMBECTOMIE A ASPIRATION ISOVOLUMETRIQUE, ET METHODES ASSOCIEES**
[72] LEUTHARDT, ERIC, US
[72] ZAYED, MOHAMED, US
[72] GENIN, GUY, US
[72] OSBUN, JOSHUA, US
[72] DE SILVA, GAYAN, US
[72] LEE, SANGHUN A., US
[72] WILLIAMS, DILLON, US
[72] WIRTZ, ALEXANDER, US
[71] WASHINGTON UNIVERSITY, US
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[54] **MACROCYCLIC INHIBITORS OF ALK, TRKA, TRKB, AND ROS1**
[54] **INHIBITEURS MACROCYCLIQUES DE ALK, TRKA, TRKB ET ROS1**
[72] GRAY, NATHANAEL S., US
[72] HATCHER, JOHN M., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **DISCONNECT SYSTEM FOR AN AUXILIARY SIDE RAMP FOR A MODULAR CABLE PROTECTOR**
[54] **SYSTEME DE DECONNEXION POUR RAMPE LATERALE AUXILIAIRE POUR UN PROTECTEUR DE CABLE MODULAIRE**
[72] HENRY, STEPHEN K., US
[71] HENRY, STEPHEN K., US
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[54] **LIVER SUPPORT SYSTEM COMPRISING LIVER ORGANOIDS AND METHODS OF MAKING AND USING SAME**
[54] **SYSTEME DE SUPPORT DU FOIE COMPRENANT DES ORGANOIDES DU FOIE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] TAKEBE, TAKANORI, US
[72] BEZERRA, JORGE A., US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[54] **STORMWATER PLANTER SYSTEM**
[54] **SYSTEME DE PLANTEUSE PAR L'EAU DE PLUIE**
[72] IORIO, PAUL ANTHONY, US
[71] MMT, INC. DBA STORMTREE, US
[85] 2021-03-16
[86] 2019-09-26 (PCT/US2019/053161)
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[54] **ANTI-KLRG1 ANTIBODIES**
[54] **ANTICORPS ANTI-KLRG1**
[72] GULLA, STEFANO V., US
[72] THOMPSON, KENNETH EVAN, US
[71] ABCURO, INC., US
[85] 2021-03-16
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[54] **TORQUE-THRUST CHAMBER FOR HORIZONTAL PUMP TEST SYSTEMS**
[54] **CHAMBRE DE POUSSEE DE COUPLE POUR SYSTEMES DE TEST DE POMPE HORIZONTALE**
[72] TILLER, JEFF, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2021-03-16
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[54] **TCA CYCLE INTERMEDIATES AND METHODS OF USE THEREOF**
[54] **INTERMEDIAIRES DE CYCLE DE TCA ET LEUR PROCEDE D'UTILISATION**
[72] LEVIN, ANDREW D., US
[72] GROS, DAVID-ALEXANDRE, US
[72] PATEL, JAI, US
[71] IMBRIA PHARMACEUTICALS, INC., US
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[54] **BICYCLIC DERIVATIVES AS GABAA A5 RECEPTOR MODULATORS**
[54] **DERIVES BICYCLIQUES UTILISES COMME MODULATEURS DU RECEPTEUR GABAA A5**
[72] SZABO, GYORGY, HU
[72] TUROS, GYORGY ISTVAN, HU
[72] ELIAS, OLIVER, HU
[72] KAROLYI, BENEDEK IMRE, HU
[72] ERDELYI, PETER, HU
[72] KAPUS, GABOR LASZLO, HU
[71] RICHTER GEDEON NYRT., HU
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[54] **SYSTEME DE SERINGUE OSCILLANTE**
[72] FISHER, JOHN STEELE, US
[72] NODA, WAYNE A., US
[72] HYMAN, DANIEL, US
[72] JACOBSON, JON, US
[71] PRAXIS GOLDING LLC, US
[85] 2021-03-16
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[25] EN
[54] **FUEL SWITCHOVER CONTROL SYSTEM FOR A MULTI-FUEL GENERATOR**
[54] **SYSTEME DE COMMANDE DE CHANGEMENT DE CARBURANT POUR UN GENERATEUR POLYCARBURANT**
[72] HARKNETT, NICHOLAS, US
[72] BHATT, CHINMAY, US
[71] CLARK EQUIPMENT COMPANY, US
[85] 2021-03-16
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[54] **CROWDSOURCED ROADSIDE ASSISTANCE SERVICE PROVIDER ASSIGNMENT SYSTEM**
[54] **SYSTEME D'ATTRIBUTION DE PRESTATAIRES DE SERVICES D'ASSISTANCE ROUTIERE PARTICIPATIVE**
[72] GARA, JONATHAN, US
[72] JOHNSON, ROBERT H., US
[72] BRANDMAIER, JENNIFER A., US
[72] BALABAS, JASON, US
[72] CHEN, TAO, US
[72] LIEGGI, CHRISTOPHER J., US
[72] SPINNEWEBER, ROBERT A., US
[71] ALLSTATE INSURANCE COMPANY, US
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[54] **DRUG DELIVERY DEVICES WITH PARTIAL DRUG DELIVERY MEMBER RETRACTION**
[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT A RETRACTION PARTIELLE D'ELEMENT D'ADMINISTRATION DE MEDICAMENT**
[72] NEKOUZADEH, ALI, US
[72] CONRATH, CARL, US
[72] GIBSON, SCOTT R., US
[72] TAHA, BASEL HASAN, US
[71] AMGEN INC., US
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[72] KOTIADIS, PETROS D., US
[72] LAPPIN, RICK A., US
[72] HELDA, ERIC J., US
[72] NIEDERER, ERIC L., US
[71] FIBER COMPOSITES, LLC (DBA FIBERON), US
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[25] EN
[54] **PRODUCTION OF CALCIUM CARBONATE VIA SOLID-STATE CALCIUM HYDROXIDE PARTICLES AND CARBON DIOXIDE, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **PRODUCTION DE CARBONATE DE CALCIUM AU MOYEN DE PARTICULES D'HYDROXYDE DE CALCIUM A L'ETAT SOLIDE ET DE DIOXYDE DE CARBONE, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] LAMAR, BRENT, US
[72] LEIKAM, JARED IRA, US
[72] LEWIS, JOSEPH, US
[71] GRAYMONT (PA) INC., US
[85] 2021-03-16
[86] 2019-09-17 (PCT/US2019/051504)
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[54] **IPSILATERAL ULCER AND PRE-ULCER DETECTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DETECTION DE PRE-ULCERE ET D'ULCERE IPSILATERAL**
[72] LINDERS, DAVID R., US
[72] PETERSON, BRIAN, US
[71] PODIMETRICS, INC., US
[85] 2021-03-16
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[87] (WO2020/081563)
[30] US (62/745,925) 2018-10-15
[30] US (62/752,589) 2018-10-30

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[54] **CD8 IMAGING CONSTRUCTS AND METHODS OF USE THEREOF**
[54] **CONSTRUCTIONS D'IMAGERIE DE CD8 ET LEURS METHODES D'UTILISATION**
[72] WILSON, IAN ANDREW, US
[72] BEHERA, DEEPAK, US
[72] LE, WILLIAM HUY, US
[71] IMAGINAB, INC., US
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[54] **INHIBITEURS AZAINDOLE DE FORMES MUTANTES ET DE TYPE SAUVAGE DE LRRK2**
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[72] HATCHER, JOHN, US
[72] CHOI, JIEUN, KR
[72] CHOI, HWAN GEUN, KR
[72] KO, EUNHWA, KR
[72] KIM, NAM DOO, KR
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] VORONOI INC., KR
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[54] **METHODS TO SUPPORT CONFIGURED GRANT TRANSMISSION AND RETRANSMISSION**
[54] **PROCEDES DE PRISE EN CHARGE D'UNE TRANSMISSION ET D'UNE RETRANSMISSION D'UNE AUTORISATION CONFIGUREE**
[72] ZHANG, JIANWEI, SE
[72] ANDERSSON, MATTIAS, SE
[72] BLANKENSHIP, YUFEI, US
[72] FALAHATI, SOROUR, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **SYSTEM AND METHOD OF UTILIZING DATA OF MEDICAL SYSTEMS**
[54] **SYSTEME ET PROCEDE D'UTILISATION DE DONNEES DE SYSTEMES MEDICAUX**
[72] MARTIN, PETER, DE
[72] BOHN, HEIKO, DE
[71] ALCON INC., CH
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[54] **HIGH-POTENCY VITAMIN C TOPICAL FORMULATIONS**
[54] **FORMULATIONS TOPIQUES DE VITAMINE C A DOSAGE ELEVE**
[72] BAEK, JIHOON P., US
[71] BAEK CLINICAL INC., US
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[54] **LOW ENERGY IDLING FOR A COMPRESSED AIR SYSTEM**
[54] **RALENTI A FAIBLE ENERGIE POUR UN SYSTEME D'AIR COMPRIME**
[72] JINDRA, PETR, CZ
[72] BALAS, CTIBOR, CZ
[72] NUSL, JAROMIR, CZ
[71] CLARK EQUIPMENT COMPANY, US
[85] 2021-03-16
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[54] **SYSTEMS, APPARATUS, AND METHODS FOR PREVENTING CONTAMINATION OF A BLOOD DRAW SYSTEM**
[54] **SYSTEMES, APPAREIL ET PROCEDES POUR EMPECHER LA CONTAMINATION D'UN SYSTEME DE PRELEVEMENT SANGUIN**
[72] VANDENBRINK, EVAN, US
[72] LELE, MEENAL, US
[71] VELANO VASCULAR, INC., US
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[54] **GAS ANALYZER WITH CHEMOCHROMIC SENSOR ASSEMBLY**
[54] **ANALYSEUR DE GAZ DOTE D'UN ENSEMBLE CAPTEUR CHIMIOCHROME**
[72] ROHMANN, KURT, US
[72] COTE, BENOIT, CA
[72] WANG, KE, CA
[71] QUALITROL COMPANY LLC, US
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[54] **METHODES DE PREPARATION DE COMPLEXES ARYLPHOSPHINE-BORANE**
[72] TU, SIYU, US
[72] KLINKENBERG, JESSICA L., US
[72] HE, YIYONG, US
[72] CHEN, XIAOYUN, US
[72] LI, HAOQUAN, US
[72] REMY, MATTHEW S., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **ANALYSIS OF MULTIPLE ANALYTES USING A SINGLE ASSAY**
[54] **ANALYSE D'ANALYTES MULTIPLES A L'AIDE D'UN SEUL DOSAGE**
[72] STEEMERS, FRANK J., US
[72] ZHANG, FAN, US
[72] POKHOLOK, DMITRY K., US
[72] NORBERG, STEVEN, US
[71] ILLUMINA, INC., US
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[54] **UTILITY POLE MONITORING SYSTEM AND DEVICE**
[54] **SYSTEME ET DISPOSITIF DE SURVEILLANCE DE POTEAU DE SERVICE PUBLIC**
[72] SPENCER, NATHAN, AU
[72] KOUZANI, ABBAS ZAHEDI, AU
[72] NORTON, MICHAEL JOHN, AU
[72] KHOO, SUI YANG, AU
[72] WU, TIANHAO, AU
[72] OLIVER, GRAEME, AU
[72] FARZANEH, AIDIN, AU
[72] SEMIANIW, NATHAN IAN, AU
[71] STRUCTURAL LINES PTY LTD, AU
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[54] **IMPROVED ACTUATION AND BLOCKING SYSTEM OF A JOINT BETWEEN A SHOULDER AND A SHELF OF A PIECE OF FURNITURE OR OTHER FURNISHING ITEMS**
[54] **SYSTEME D'ACTIONNEMENT ET DE BLOCAGE AMELIORE D'UNE CHARNIERE ENTRE UN EPAULEMENT ET UNE ETAGERE OU UNE BASE D'UN MEUBLE OU D'AUTRES ELEMENTS D'AMEUBLEMENT**
[72] CATTANEO, CARLO, IT
[71] LEONARDO S.R.L., IT
[85] 2021-03-16
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[54] **ARC-BASED CAPSIDS AND USES THEREOF**
[54] **CAPSIDES A BASE D'ARC ET LEURS UTILISATIONS**
[72] MALONE, COLIN, US
[72] PEIKON, IAN, US
[72] GILBERT, ZACH, US
[72] CRISP, JESSICA, US
[72] PISAREV, ANDREY, US
[72] FRAITES, ADAM, US
[71] VNV NEWCO INC., US
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[54] **MULTIMERIC T-CELL MODULATORY POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES MODULATEURS DE LYMPHOCYTES T MULTIMERES ET LEURS PROCEDES D'UTILISATION**
[72] SEIDEL, III, RONALD D., US
[72] CHAPARRO, RODOLFO J., US
[71] CUE BIOPHARMA, INC., US
[85] 2021-03-16
[86] 2019-12-18 (PCT/US2019/067280)
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[54] **DISPOSITIF D'UTILISATEUR ET PROCEDE DE COMMUNICATION**
[72] OHARA, TOMOYA, JP
[72] OSAWA, RYOSUKE, JP
[71] NTT DOCOMO, INC., JP
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[54] **ARTICLE OF CLOTHING WITH VIDEO RECORDING DEVICE SUPPORT**
[54] **VETEMENT AVEC SUPPORT DE DISPOSITIF D'ENREGISTREMENT VIDEO**
[72] DAVIS, TED MICHAEL, US
[72] SHANAHAN, JOSEPH PATRICK, US
[72] ARAYA, SIMON, US
[72] MCKEEMAN, ROBERT STEWART, US
[72] BEDELL, ERIC, US
[72] MCCHRISTIAN, JON, US
[71] UTILITY ASSOCIATES, INC., US
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[54] **MOTEUR DE ZONES DESTINE A FOURNIR UNE COUCHE DE CARTE ENRICHIE EN CONTEXTE**
[72] WHITAKER, MATTHEW, US
[72] POWERS, BRADLEY, US
[72] JOHNSON, MICHAEL CHARLES, US
[72] JOHNSON, SEAN, US
[72] MOORE, THOMAS, GB
[71] LOCUS ROBOTICS CORP., US
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[54] **POLYPEPTIDES MULTIMERES MODULATEURS DE LYMPHOCYTES T ET LEURS PROCEDES D'UTILISATION**
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[72] CHAPARRO, RODOLFO J., US
[71] CUE BIOPHARMA, INC., US
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[54] **SYSTEMS AND METHODS FOR CRYPTOGRAPHIC AUTHENTICATION OF CONTACTLESS CARDS**
[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION CRYPTOGRAPHIQUE DE CARTES SANS CONTACT**
[72] OSBORN, KEVIN, US
[72] ASHFIELD, JAMES, US
[72] RULE, JEFFREY, US
[71] CAPITAL ONE SERVICES, LLC, US
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[54] **GASKET SEALING ARRANGEMENTS**
[54] **AGENCEMENTS DE JOINT D'ETANCHEITE**
[72] BIRKELBACH, JOERG, US
[72] GAGNE, BRIAN M., US
[72] HAGEN, ROBERT, US
[72] HOUK, CHARLES, US
[71] TREMCO INCORPORATED, US
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[71] TATSUMI RYOKI CO., LTD, JP
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[86] 2018-10-10 (PCT/JP2018/037714)
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[54] **MILKING DEVICE**
[54] **DISPOSITIF DE TRAITE**
[72] KONDO, HITOSHI, JP
[72] INUI, YOJI, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2021-03-16
[86] 2019-09-17 (PCT/JP2019/036331)
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[54] **SYSTEME DE DEGAZEIFICATION, PROCEDE DE DEGAZEIFICATION DE LIQUIDE, MODULE DE DEGAZEIFICATION, PROCEDE DE FABRICATION DE SYSTEME DE DEGAZEIFICATION ET PROCEDE DE PRODUCTION DE RESS OURCES NATURELLES**
[72] YAMAMOTO, WATARU, JP
[72] IGARI, KATSUHIKO, JP
[72] SANO, KENJI, JP
[72] OI, KAZUMI, JP
[71] DIC CORPORATION, JP
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[54] **FIBROUS CELLULOSE COMPOSITE RESIN AND METHOD FOR MANUFACTURING THE SAME**
[54] **RESINE COMPOSITE DE CELLULOSE FIBREUSE ET SON PROCEDE DE PRODUCTION**
[72] MATSUSUE, IKKO, JP
[72] OCHIAI, YU, JP
[71] DAIO PAPER CORPORATION, JP
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[86] 2019-10-28 (PCT/JP2019/042124)
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[54] **SYSTEMS AND METHODS FOR OBTAINING ANONYMIZED INFORMATION DERIVED FROM DATA OBTAINED FROM EXTERNAL DATA PROVIDERS**
[54] **SYSTEMES ET PROCEDES POUR OBTENIR DES INFORMATIONS ANONYMISEES DERIVEES DE DONNEES OBTENUES A PARTIR DE FOURNISSEURS DE DONNEES EXTERNES**
[72] KOTHAVALE, SHANTANU RAJKUMAR, US
[72] BASAK, ANIRBAN, US
[72] BROWN, MICHAEL, US
[72] LEE, DANNY Y., US
[72] KEDIYAL, PRASHANT, US
[72] LEE, RONALD C., US
[71] FORTIFID, INC., US
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[54] **AGENTS ANTI-VHB MONOMERES ET MULTIMERES**
[72] SCHINAZI, RAYMOND F., US
[72] AMBLARD, FRANCK, US
[72] COX, BRYAN, US
[72] CHEN, CHE, US
[72] BASSIT, LEDA, US
[71] EMORY UNIVERSITY, US
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[54] **SYSTEM AND METHODS FOR LASER SCATTERING, DEVIATION AND MANIPULATION**
[54] **SYSTEME ET PROCEDES DE DIFFUSION, DE DEVIATION ET DE MANIPULATION LASER**
[72] CRAMER, GUY, CA
[71] HYPERSTEALTH BIOTECHNOLOGY CORPORATION, CA
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[54] **TRAITEMENT DE FIBRES CELLULOSIQUES**
[72] FORD, ERICKA N., US
[72] DWYER, RYAN, US
[72] DEDMON, HANNAH, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
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[54] **HIGH RATE ACIDIFICATION AND ORGANIC SOLIDS SOLUBILIZATION PROCESS**
[54] **PROCEDE D'ACIDIFICATION ET DE SOLUBILISATION DE MATIERES SOLIDES ORGANIQUES A HAUT DEBIT**
[72] HAFEZ, HISHAM MOHAMED, CA
[72] SAYEED, ASHAR, CA
[72] BRADT, CHRISTOPHER BRUCE, CA
[72] SALT, DAVID ALAN, CA
[71] GREENFIELD GLOBAL INC., CA
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[54] **DEVICE AND METHOD FOR PROVIDING A QUALITY OF SERVICE FUNCTION**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE FOURNIR UNE FONCTION DE QUALITE DE SERVICE**
[72] KOUSARIDAS, APOSTOLOS, DE
[72] PATEROMICHELAKIS, EMMANOUIL, DE
[72] ZHOU, CHAN, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] JOUBERT, SIMON, CA
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[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
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[54] **SYSTEMES DE PHOTOACTIVATION ET METHODES POUR TRAITEMENTS DE RETICULATION CORNEENNE**
[72] ADLER, DESMOND C., US
[72] USHER, DAVID, US
[72] YILDIZYAN, ALEX, US
[71] AVEDRO, INC., US
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[54] **SYSTEME ANTI-ENCRASSEMENT AVEC TRANSFERT DE PUISSANCE INDUCTIVE DESTINE A ETRE UTILISE POUR LA PROTECTION D'UNE SURFACE CONTRE L'ENCRASSEMENT BIOLOGIQUE**
[72] LEIJSSEN, JACOBUS JOSEPHUS, NL
[72] VAN UDEN, MARTIJN GERARDA LAMBERTUS JUSTINUS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **COLLIER DE FLOTTAISON MODULAIRE POUR APPLICATIONS D'AQUACULTURE**
[72] CLARKE, MATHEW STEPHEN, CA
[72] FLEMING, JEFFREY, CA
[71] POSEIDON OCEAN SYSTEMS LTD., CA
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[54] **MODELING COMPOND AND USE THEREOF AND ARTICLES PRODUCED THEREBY**
[54] **MATIERE A MODELER, SON UTILISATION ET ARTICLES FABRIQUES AVEC CETTE MATIERE**
[72] ZUROMSKAITE, LAURA, DE
[72] SCHNEIDER, DENISE, DE
[72] BELZNER, MATHIAS, DE
[71] STAEDTLER MARS GMBH & CO. KG, DE
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[54] **MAGNETIC SEPARATION**
[54] **SEPARATION MAGNETIQUE**
[72] SMITH, TIMOTHY, CA
[72] TRAINOR, NUALA, CA
[72] MIDDLETON, KEVIN, CA
[72] PIETAK, ALEXIS, CA
[71] OCTANE BIOTECH INC., CA
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[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL D'UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] MATSUMURA, YUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, JING, CN
[72] HOU, XIAOLIN, CN
[71] NTT DOCOMO, INC., JP
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[54] **CONCRETE STRUCTURE MANUFACTURING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE STRUCTURE EN BETON**
[72] PETIT, AGNES, CH
[72] STUCKI, WILLIAM, CH
[72] LULLIN, SIMON, CH
[72] GALE, BENJAMIN, CH
[72] ZULIANI, FABIO, CH
[71] MOBBOT SA, CH
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[54] **PROCEDE, DISPOSITIF ET SUPPORT LISIBLE PAR ORDINATEUR DESTINES A UNE CONFIGURATION DE FORMAT DE CRENEAU**
[72] YUAN, FANG, CN
[72] LIANG, LIN, CN
[72] WANG, GANG, CN
[71] NEC CORPORATION, JP
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[72] DICKESS, SHAWN, US
[72] OESTER, DEAN A., US
[71] BASF SE, DE
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[54] **PROCEDES ET COMPOSITIONS DE CLONAGE UNIVERSEL A BASE D'INTRONS**
[72] LEUSCHNER, WULF, DE
[72] DITTRICH, WERNER, DE
[72] BIRKENFELD, JOERG, DE
[72] SCHNEIDER, MARION, DE
[71] SANOFI, FR
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[54] **PANNEAU DE PLAFOND ACOUSTIQUE**
[72] AUGUSTINAS, CHRIS ALBERT, DK
[72] CHRISTEON, BRETT, US
[72] HANSEN, ERLING LENNART, DK
[72] HJELMGAARD, THOMAS, DK
[72] KOOP, MAGDALENA HUBERTINA MARIA, DK
[72] NAERUM, LARS, DK
[72] NISSEN, POVL, DK
[72] SHAH, AMISH, US
[72] SMITH, THOMAS, US
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **STYLUS DETECTION METHOD, SYSTEM, AND RELATED APPARATUS**
[54] **PROCEDE DE DETECTION DE STYLET, SYSTEME ET DISPOSITIF ASSOCIE**
[72] LUO, HONGLEI, CN
[72] ZHANG, JUNYONG, CN
[72] LI, WEIHUAN, CN
[72] XU, YEJIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHOD TO DETERMINING METAL CATIONS IN WATER**
[54] **PROCEDE DE DETERMINATION DE CATIONS METALLIQUES DANS L'EAU**
[72] PUUPPONEN, SALLA, FI
[72] KRAPU, SARI, FI
[71] KEMIRA OYJ, FI
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[54] **TRANSMISSION METHOD AND RELATED DEVICE**
[54] **PROCEDE DE TRANSMISSION ET DISPOSITIF APPARENTE**
[72] WU, YUMIN, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
[85] 2021-03-17
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[54] **DEVICE FOR FILTERING A FLUID, IN PARTICULAR A BERNOULLI FILTERING APPARATUS**
[54] **SYSTEME DE FILTRATION D'UN FLUIDE, EN PARTICULIER SYSTEME DE FILTRE BERNOULLI**
[72] LINSTER, WOLFGANG, DE
[71] GEORG SCHUNEMANN GMBH, DE
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[54] **PROCEDE PERMETTANT DE DETERMINER UN DEGRE D'HYDROLYSE ET LA DENSITE DE CHARGE DE POLYELECTROLYTES ET DE PHOSPHONATES**
[72] PUUPPONEN, SALLA, FI
[72] TOIVONEN, SUSANNA, FI
[72] KRAPU, SARI, FI
[71] KEMIRA OYJ, FI
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[71] SAFRAN HELICOPTER ENGINES, FR
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[54] **AGENCEMENT COMPRENANT UNE CARTE A PUCE SANS CONTACT, UN ARTICLE VESTIMENTAIRE DESTINE A UNE FORCE D'INSERTION COMPRENANT UN DISPOSITIF DE LOGEMENT DE LA CARTE A PUCE ET UN SYSTEME ELECTRONIQUE, AINSI QUE PROCEDE DE FONCTIONNEMENT D'UN TEL AGENCEMENT.**
[72] NOETZEL, CHRISTIAN, DE
[72] KEUNECKE, KRISTOPH, DE
[72] WEISS, FABIAN, DE
[71] RHEINMETALL ELECTRONICS GMBH, DE
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[25] EN
[54] **TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING METABOLIC SYNDROME AND PREPARATIONS THEREOF**
[54] **COMPOSITION DE MEDECINE CHINOISE TRADITIONNELLE POUR TRAITER UN SYNDROME METABOLIQUE ET PREPARATIONS ASSOCIEES**
[72] LIU, XIMING, CN
[72] LI, HONG, CN
[71] JIANGSU JIUXU HAITIAN PHARMACEUTICAL CO., LTD, CN
[71] LI, HONG, CN
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[54] **PUMP HEAD AND METERING DEVICE**
[54] **TETE DE POMPAGE ET DISPOSITIF DE DOSAGE**
[72] HEE LEE, HYECK, DE
[72] HOLZER, FRANK, DE
[72] STEINFELD, UTE, DE
[72] MAHLER, MARKUS, DE
[71] F. HOLZER GMBH, DE
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[54] **BROYEUR A VENTILATEUR**
[72] JIA, PING, CN
[72] CUI, XIUMING, CN
[72] ZENG, YAWEN, CN
[72] SHE, YONGXIN, CN
[71] KUNMING TEKANG TECHNOLOGY CO., LTD, CN
[71] ZHEJIANG YUNJIE TECHNOLOGY CO., LTD., CN
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[54] **APPAREIL DE CYTOMETRIE DE FLUX BASEE SUR L'IMPEDANCE**
[72] MORGAN, HYWEL, GB
[72] SPENCER, DANIEL, GB
[71] UNIVERSITY OF SOUTHAMPTON, GB
[85] 2021-03-17
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[54] **PROTEINE VEGETALE ET SON PROCEDE DE PREPARATION**
[72] ZHOU, LIUMING, US
[72] IBERT, MATHIAS, FR
[72] HUA, YUFEI, CN
[72] ZHANG, CAIMENG, CN
[72] KONG, XIANGZHEN, CN
[72] CHEN, YEMING, CN
[72] LI, XINGFEI, CN
[71] ROQUETTE FRERES, FR
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[54] **RECOMBINANT HEMOGLOBINS AND METHODS OF PREPARATION AND USE THEREOF**
[54] **HEMOGLOBINES RECOMBINANTES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] KWOK, SUI YI, CN
[72] WAI, NORMAN FUNG MAN, CN
[72] YU, SHAN, CN
[72] WAI, TERENCE SHAU YIN, CN
[71] CHEER GLOBAL LIMITED, CN
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[54] **METHODES DE CYTOMETRIE EN FLUX D'IMPEDANCE**
[72] MORGAN, HYWEL, GB
[72] SPENCER, DANIEL, GB
[72] INGLIS, TIMOTHY JOHN JAY, AU
[71] UNIVERSITY OF SOUTHAMPTON, GB
[71] THE UNIVERSITY OF WESTERN AUSTRALIA, AU
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[54] **HYBRID POLYURETHANE-POLYHYDROXYURETHANE COMPOSITION**
[54] **COMPOSITION HYBRIDE DE POLYURETHANE-POLYHYDROXYURETHANE**
[72] CHUANG, YA-MI, BE
[72] MARTINI, GIULIO, BE
[72] PHANOPOULOS, CHRISTOPHER, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2021-03-17
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[54] **DISPOSITIF D'EVAPORATION DE SUBSTANCE VOLATILE**
[72] RIERA GINER, MONTSERRAT, ES
[72] CABALLERO TAPIA, MOISES, ES
[72] GRAUS FERRER, ALBA, ES
[71] ZOBELE HOLDING SPA, ES
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[54] **RNA PARTICLES COMPRISING POLYSARCOSINE**
[54] **PARTICULES D'ARN COMPRENANT DE LA POLYSARCOSINE**
[72] BARZ, MATTHIAS, DE
[72] WEBER, BENJAMIN, DE
[72] HAAS, HEINRICH, DE
[72] HELLER, PHILIPP, DE
[72] NOGUEIRA, SARA, DE
[72] SCHLEGEL, ANNE, DE
[71] JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
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[54] **DISPOSITIF D'IMPLANTATION DANS UN APPENDICE AURICULAIRE GAUCHE DU C□UR**
[72] O'HALLORAN, TONY, IE
[72] THOMPSON, JOHN, IE
[71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE
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[25] FR
[54] **RECONSTRUCTION OF A TOPOLOGY OF AN ELECTRICAL DISTRIBUTION NETWORK**
[54] **RECONSTRUCTION D'UNE TOPOLOGIE D'UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] LEONARD, FRANCOIS, CA
[71] HYDRO-QUEBEC, CA
[85] 2021-03-17
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[25] EN
[54] **A LIGHT EMITTING UNIT CONFIGURED TO BE APPLIED TO A SURFACE AREA OF A MARINE OBJECT**
[54] **UNITE ELECTROLUMINESCENTE CONCUE POUR ETRE APPLIQUEE A UNE ZONE DE SURFACE D'UN OBJET MARIN**
[72] LEIJSSEN, JACOBUS JOSEPHUS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2021-03-17
[86] 2019-09-18 (PCT/EP2019/075002)
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[25] EN
[54] **PROCESS FOR PRODUCING AN AQUEOUS POLYACRYLAMIDE CONCENTRATE**
[54] **PROCEDE DE PRODUCTION D'UN CONCENTRAT DE POLYACRYLAMIDE AQUEUX**
[72] EL-TOUFAILI, FAISSAL-ALI, DE
[72] LOESCH, DENNIS, DE
[72] SCHMIDT, ANNA-CORINA, DE
[72] ZIMMERMANN, TOBIAS JOACHIM, DE
[72] OSTERMAYR, MARKUS, DE
[72] TINSLEY, JACK F., US
[72] BUSBY, BRENT, US
[71] BASF SE, DE
[85] 2021-03-17
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[25] EN
[54] **PIPE COUPLING WITH IMPROVED TENSIONING SYSTEM**
[54] **RACCORD DE TUYAU COMPRENANT UN SYSTEME DE TENSION AMELIORE**
[72] WEBB, IAN RICHARD, GB
[71] TAYLOR KERR (COUPLINGS) LIMITED, GB
[85] 2021-03-17
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[25] EN
[54] **METHOD AND SYSTEM FOR PROTECTING A SURFACE AGAINST BIOFOULING**
[54] **PROCEDE ET SYSTEME DE PROTECTION D'UNE SURFACE CONTRE L'ENCRASSEMENT BIOLOGIQUE**
[72] LEIJSSEN, JACOBUS JOSEPHUS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2021-03-17
[86] 2019-09-18 (PCT/EP2019/075007)
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[25] EN
[54] **EDITING OF HAEMOGLOBIN GENES**
[54] **EDITION DE GENES D'HEMOGLOBINE**
[72] DAVIES, JAMES, GB
[72] HIGGS, DOUGLAS, GB
[72] BADAT, MOHSIN, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2021-03-17
[86] 2019-09-25 (PCT/GB2019/052696)
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[25] FR
[54] **ADAPTIVE IMAGE ACQUISITION METHOD, SYSTEM AND COMPUTER PROGRAM**
[54] **PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR ADAPTATIVES D'ACQUSITION D'UNE IMAGE**
[72] DARSON, DAVID, FR
[72] DUBOIS, JULIEN, FR
[72] COLAS, FRANCOIS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] SORBONNE UNIVERSITE, FR
[71] ECOLE NORMALE SUPERIEURE, FR
[71] UNIVERSITE DE PARIS, FR
[71] UNIVERSITE DE BOURGOGNE, FR
[71] OBSERVATOIRE DE PARIS, FR
[85] 2021-03-17
[86] 2019-09-17 (PCT/FR2019/052160)
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[25] FR
[54] **LANDING GEAR OF AN AIRCRAFT AND METHOD FOR COOLING AN ELECTRIC TAXIING MOTOR AND BRAKES OF SUCH A LANDING GEAR**
[54] **TRAIN D'ATTERRISSAGE D'UN AERONEF ET PROCEDE DE REFROIDISSEMENT D'UN MOTEUR ELECTRIQUE DE TAXIAGE ET DES FREINS D'UN TEL TRAIN D'ATTERRISSAGE**
[72] FONTALBAT, THIERRY, FR
[72] BLANCO, LOIC, FR
[72] CASSAGNET, CHRISTOPHE, FR
[72] CHALLAS, FLORENT, FR
[72] GALY, QUENTIN, FR
[72] WISSEMER, ERIC, FR
[72] JABER, SYLVAIN, FR
[71] SAFRAN ELECTRICAL & POWER, FR
[71] SAFRAN LANDING SYSTEMS, FR
[85] 2021-03-17
[86] 2019-09-17 (PCT/FR2019/052162)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING RPL554 IN HFA-134A FOR ADMINISTRATION BY INHALATION**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DU RPL554 DANS DU HFA-134A POUR UNE ADMINISTRATION PAR INHALATION**
[72] SPARGO, PETER LIONEL, GB
[72] HAYWOOD, PHILLIP A, GB
[71] VERONA PHARMA PLC, GB
[85] 2021-03-17
[86] 2019-10-09 (PCT/GB2019/052863)
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[25] EN
[54] **ROTOMERIC ISOMERS OF 4-ALKYL-5-HETEROARYL-3H-1,2-DITHIOLE-3-THIONES**
[54] **ISOMERES ROTAMERES DE 4-ALKYL-5-HETEROARYL-3H-1,2-DITHIOLE-3-THIONES**
[72] FRAMROZE, BOMI, US
[71] ST IP HOLDING AG, CH
[85] 2021-03-17
[86] 2019-09-17 (PCT/IB2019/001138)
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[54] **IRON CHELATING COMPOUNDS FOR TREATING AESTHETIC SKIN CONDITIONS**
[54] **COMPOSES DE CHELATION DU FER POUR TRAITER DES AFFECTIONS CUTANEES ESTHETIQUES**
[72] GURTNER, GEOFFREY C., US
[71] TAUTONA GROUP IP HOLDING COMPANY, L.L.C., US
[85] 2021-03-12
[86] 2019-09-20 (PCT/US2019/052192)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DISEASES AND/OR DISORDERS CAUSED BY EXPOSURE TO AIR POLLUTION**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER OU PREVENIR DES MALADIES ET/OU DES TROUBLES PROVOQUES PAR UNE EXPOSITION A LA POLLUTION DE L'AIR**
[72] GRANOWITZ, CRAIG, US
[72] PHILIP, SEPHY, US
[71] AMARIN PHARMACEUTICALS IRELAND LIMITED, IE
[85] 2021-03-17
[86] 2019-09-25 (PCT/IB2019/001059)
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[25] EN
[54] **FASTENER EXTRACTOR AND DISLODGING TOOL APPARATUS**
[54] **EXTRACTEUR D'ELEMENT DE FIXATION ET APPAREIL D'OUTIL DE DELOGEMENT**
[72] KUKUCKA, PAUL, US
[72] KUKUCKA, THOMAS STEFAN, US
[71] GRIP HOLDINGS LLC, US
[85] 2021-03-17
[86] 2019-07-25 (PCT/IB2019/056347)
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[30] US (62/733,507) 2018-09-19
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[51] **Int.Cl. B28B 13/02 (2006.01) B28B 3/12 (2006.01) B29C 67/24 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR MANUFACTURING ARTICLES MADE OF COMPOSITE STONE MATERIAL AND DEVICE FOR DISTRIBUTING A MIX FOR SUCH MANUFACTURING**
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'ARTICLES EN MATERIAU DE PIERRE COMPOSITE ET DISPOSITIF DE DISTRIBUTION D'UN MELANGE POUR UNE TELLE FABRICATION**
[72] TONCELLI, LUCA, IT
[71] TONCELLI, LUCA, IT
[85] 2021-03-17
[86] 2019-09-17 (PCT/IB2019/057800)
[87] (WO2020/058834)
[30] IT (102018000008696) 2018-09-18

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[25] EN
[54] **DRILL GUIDE ASSEMBLY**
[54] **ENSEMBLE GUIDE-FORET**
[72] THIBODEAU, ROBERT A., US
[72] ALFONSO, GREGORY A., US
[72] SUMMITT, MATTHEW C., US
[72] CASANAS, JOAQUIM, ES
[71] CONMED CORPORATION, US
[85] 2021-03-17
[86] 2019-06-12 (PCT/US2019/036660)
[87] (WO2020/076376)
[30] US (62/744,686) 2018-10-12

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[51] **Int.Cl. H04N 5/225 (2006.01) F16H 7/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TENSIONING A BELT OF A VIDEO CAMERA ASSEMBLY**
[54] **DISPOSITIF ET PROCEDE DE MISE SOUS TENSION D'UNE COURROIE D'UN ENSEMBLE CAMERA VIDEO**
[72] GROTTO, ALESSIO, IT
[72] RIBELLO, ANGELO, IT
[71] VIDEOTEC S.P.A., IT
[85] 2021-03-17
[86] 2019-09-20 (PCT/IB2019/057968)
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[30] IT (102018000008811) 2018-09-21

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[51] **Int.Cl. H01L 39/02 (2006.01) B82Y 10/00 (2011.01) G06N 10/00 (2019.01) H01L 39/22 (2006.01) H01L 39/24 (2006.01) H03K 19/195 (2006.01)**
[25] EN
[54] **MILLIOHM RESISTOR FOR RQL CIRCUITS**
[54] **RESISTANCE MILLIOHM POUR CIRCUITS A RQL**
[72] GINGRICH, ERIC C., US
[71] NORTHRUP GRUMMAN SYSTEMS CORPORATION, US
[85] 2021-03-17
[86] 2019-09-16 (PCT/US2019/051301)
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[30] US (16/171,049) 2018-10-25

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[25] EN
[54] **SHOCK ABSORBING ROTATABLE VIDEO CAMERA ASSEMBLY**
[54] **ENSEMBLE CAMERA VIDEO ROTATIF ABSORBANT LES CHOCS**
[72] GROTTO, ALESSIO, IT
[72] RIBELLO, ANGELO, IT
[71] VIDEOTEC S.P.A., IT
[85] 2021-03-17
[86] 2019-09-20 (PCT/IB2019/057975)
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[30] IT (102018000008805) 2018-09-21

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[51] **Int.Cl. E05B 17/00 (2006.01) E05B 63/00 (2006.01) E05B 65/08 (2006.01)**
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[54] **PANEL LOCK ASSEMBLY**
[54] **ENSEMBLE DE VERROUILLAGE DE PANNEAU**
[72] RAZ, AMIR, IL
[71] DAN RAZ LTD., IL
[85] 2021-03-17
[86] 2019-09-23 (PCT/IB2019/058054)
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[25] EN
[54] **CONNECTORS FOR INFUSION PUMP FEEDING SETS**
[54] **RACCORDS POUR ENSEMBLES D'ALIMENTATION DE POMPE A PERFUSION**
[72] O'KEEFE, CHRISTOPHER, US
[72] RYAN, JOSEPH, US
[72] KUNZWEILER, RACHEL, US
[72] SZABO, AARON, US
[71] VESCO MEDICAL LLC, US
[85] 2021-03-17
[86] 2019-09-17 (PCT/US2019/051441)
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HYDROXYACID OXIDASE 1 (HAO1) GENE EDITING FOR TREATING PRIMARY HYPEROXALURIA TYPE 1 (PH1)**
[54] **COMPOSITIONS ET PROCEDES D'EDITION DE GENE DE L'HYDROXYACIDE OXYDASE 1 (HAO1) POUR LE TRAITEMENT DE L'HYPEROXALURIE PRIMAIRE DE TYPE 1 (PH1)**
[72] DYMEK, ZACHARY WILLIAM, US
[72] ODATE, SHOBU, US
[72] MURRAY, BRADLEY ANDREW, US
[72] LESCARBEAU, REYNALD MICHAEL, US
[72] HUEBNER, ANETTE, US
[72] STRAPPS, WALTER, US
[72] HESSE, SARAH BETH, US
[71] INTELLIA THERAPEUTICS, INC., US
[85] 2021-01-28
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[87] (WO2020/028327)
[30] US (62/712,904) 2018-07-31
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[30] US (62/834,328) 2019-04-15
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[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER WITH DUOCARS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER AVEC DES DUOCARS**
[72] ORENTAS, RIMAS J., US
[72] SCHNEIDER, DINA, US
[72] HASO, WALEED M., US
[72] MILTENYI, STEFAN, DE
[72] DROPULIC, BORO, US
[71] LENTIGEN TECHNOLOGY, INC., US
[85] 2021-03-17
[86] 2019-09-18 (PCT/US2019/051734)
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[54] **SUPPORT SYSTEM FOR RAISED FLOORS**
[54] **SYSTEME DE SUPPORT POUR PLANCHERS SURELEVES**
[72] CIPRIANI, ZENO, IT
[71] DAKOTA GROUP S.A.S. DI ZENO CIPRIANI & C., IT
[85] 2021-03-17
[86] 2019-09-24 (PCT/IB2019/058080)
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[25] FR
[54] **METHOD AND PLANT FOR AERAULIC SEPARATION**
[54] **PROCEDE ET INSTALLATION DE SEPARATION AERAULIQUE**
[72] PEYS, STEPHANE, FR
[71] BIGARREN BIZI, FR
[85] 2021-03-17
[86] 2019-09-17 (PCT/IB2019/057821)
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[25] EN
[54] **DOSAGE REGIME OF ESKETAMINE FOR TREATING MAJOR DEPRESSIVE DISORDER**
[54] **REGIME POSOLOGIQUE D'ESKETAMINE POUR LE TRAITEMENT D'UN TROUBLE DEPRESSIF MAJEUR**
[72] KAGAN, ELENA, IL
[72] PASTINO, GINA, US
[71] CLEXIO BIOSCIENCES LTD., IL
[85] 2021-03-17
[86] 2019-10-04 (PCT/IB2019/058476)
[87] (WO2020/070706)
[30] US (62/741,562) 2018-10-05
[30] IB (PCT/IB2018/059107) 2018-11-19
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[25] EN
[54] **FENCING APPARATUS AND FENCING TECHNIQUES**
[54] **APPAREIL DE CLOTURE ET TECHNIQUES DE CLOTURE**
[72] LOWREY, IAN, AU
[72] OLD, FRASER PATISON, AU
[71] WIREMAN PTY LIMITED, AU
[85] 2021-03-15
[86] 2019-09-04 (PCT/AU2019/050939)
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[30] AU (2018903459) 2018-09-14
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[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/078 (2010.01)**
[25] EN
[54] **HYBRID THYMUS. METHODS OF MAKING, AND METHODS OF USING TO INDUCE XENOGRAFT TOLERANCE, RESTORE IMMUNOCOMPETENCE AND THYMIC FUNCTION**
[54] **THYMUS HYBRIDE, PROCEDES DE FABRICATION, ET METHODES D'UTILISATION POUR INDUIRE UNE TOLERANCE VIS-A-VIS D'UNE XENOGREFFE, ET RESTAURER UNE IMMUNOCOMPETENCE ET LA FONCTION THYMIQUE**
[72] SYKES, MEGAN, US
[72] KHOSRAVI-MAHARLOOEI, MOHSEN, US
[72] DANZL, NICHOLE, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2021-03-17
[86] 2019-09-19 (PCT/US2019/051865)
[87] (WO2020/061272)
[30] US (62/734,019) 2018-09-20

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[25] EN
[54] **TONGUE STRENGTHENING DEVICE AND METHOD FOR THE USE THEREOF**
[54] **DISPOSITIF DE RENFORCEMENT DE LANGUE ET SON PROCEDE D'UTILISATION**
[72] COULTES, BRANDON, CA
[72] NOWAK, BART, CA
[72] LAVDAS, MICHAEL, CA
[72] NUTTALL, MICHAEL, CA
[72] SIEFFERT, MARCUS, CA
[72] SAKARIA, RONAK, CA
[72] RIFANI, ANDREAS, CA
[72] ROADHOUSE, CAMERON, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2021-03-17
[86] 2019-10-07 (PCT/IB2019/058524)
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[51] **Int.Cl. F23K 5/00 (2006.01)**
[25] EN
[54] **VALVE DELIVERY APPARATUS**
[54] **APPAREIL DE DISTRIBUTION A CLAPET**
[72] MASTELLARI, LUCA, IT
[72] ZULIAN, LORENZO, IT
[72] RIMONDO, FILIBERTO, IT
[71] SIT S.P.A., IT
[85] 2021-03-17
[86] 2019-08-23 (PCT/IT2019/050189)
[87] (WO2020/065684)
[30] IT (102018000008909) 2018-09-25

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[54] **TRAITEMENT D'UN CANCER A HER3 MUTANT PAR L'ADMINISTRATION D'UN CONJUGUE ANTICORPS ANTI-HER3-MEDICAMENT**
[72] KOYAMA, KUMIKO, JP
[72] SHIOSE, YOSHINOBU, JP
[72] UENO, SUGURU, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[71] RIVERFIELD CORPORATION, JP
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[54] **DP ANTAGONIST**
[54] **ANTAGONISTE DE DP**
[72] ASADA, MASAKI, JP
[72] HANADA, KEISUKE, JP
[72] HIGUCHI, SATONORI, JP
[72] NAGANAWA, ATSUSHI, JP
[72] TAKEDA, YASUHIRO, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
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[54] **COMPOSITION INJECTABLE**
[72] MORITA, AKIHIRO, JP
[72] TSUZUKU, TAKUMA, JP
[72] YOSHINAGA, YUKO, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[54] **NUCLEASE P?CAS9**
[72] MADERA, DMITRIY ALEKSANDROVICH, RU
[72] KARABELSKII, ALEKSANDR VLADIMIROVICH, RU
[72] IVANOV, ROMAN ALEKSEEVICH, RU
[72] MOROZOV, DMITRY VALENTINOVICH, RU
[72] SEVERINOV, KONSTANTIN VIKTOROVICH, RU
[72] SHMAKOV, SERGEY ANATOLEVICH, RU
[72] SUTORMIN, DMITRII ALEKSANDROVICH, RU
[72] POBEGALOV, GEORGII EVGENEVICH, RU
[72] VASILEVA, ALEKSANDRA ANDREEVNA, RU
[72] SELKOVA, POLINA ANATOLEVNA, RU
[72] ARSENIEV, ANATOLII NIKOLAEVICH, RU
[72] ZYUBKO, TATYANA IGOREVNA, RU
[72] FEDOROVA, IANA VITALEVNA, RU
[71] JOINT STOCK COMPANY "BIOCAD", RU
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[54] **SYSTEM AND METHOD FOR WIRELESS SENSING OF HEALTH MONITORING**
[54] **SYSTEME ET PROCEDE POUR LA DETECTION SANS FIL DE SURVEILLANCE MEDICALE**
[72] SARMA, SANJAY E., US
[72] BHATTACHARYYA, RAHUL, US
[72] SIEGEL, JOSHUA E., US
[72] KANTAREDDY, SAI NITHIN REDD, US
[72] URPI, ALEX ARMENGOL, US
[72] SEN, PANKHURI, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **FLEXIBLE MANNEQUIN SHOES AND METHOD FOR MANUFACTURING SAME**
[54] **CHAUSSURES SOUPLES DE MANNEQUIN ET PROCEDE DE FABRICATION DE TELLES CHAUSSURES**
[72] JUNG, HYUNJU, KR
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[54] **CUISINIERE ELECTRONIQUE ET ALIMENTATION UNIVERSELLE**
[72] RUBEN, MURRAY, US
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[54] **A VIDEO ENCODER, A VIDEO DECODER AND CORRESPONDING METHODS**
[54] **CODEUR VIDEO, DECODEUR VIDEO ET PROCEDES CORRESPONDANTS**
[72] GAO, HAN, DE
[72] ESENLIK, SEMIH, DE
[72] CHEN, JIANLE, US
[72] KOTRA, ANAND MEHER, DE
[72] WANG, BIAO, DE
[72] ZHAO, ZHIJIE, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYNERGIC PHARMACEUTICAL COMBINATION OF A LEUKOTRIENE-RECEPTOR ANTAGONIST AND AN INVERSE AGONIST OF HISTAMINE H1**
[54] **COMBINAISON PHARMACEUTIQUE SYNERGIQUE D'UN ANTAGONISTE DES RECEPTEURS DE LEUCOTRIENES ET D'UN AGONISTE INVERSE DE L'HISTAMINE H1**
[72] GARCIA ARMENTA, PATRICIA DEL CARMEN, MX
[72] CHAVEZ GARCIA, JOSE ALONSO, MX
[71] AMEZCUA AMEZCUA, FEDERICO, MX
[71] AMEZCUA AMEZCUA, CARLOS, MX
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[54] **AGENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE CONTRE LES INFECTIONS A CLOSTRIDIUM DIFFICILE**
[72] KAWAGUCHI, SUSUMU, JP
[72] KATO, MIHO, JP
[71] NUTRI CO., LTD., JP
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[54] **PROCEDE DE PREPARATION D'HYDROCARBURES EN C2-C5 FAISANT APPEL A UN CATALYSEUR HYBRIDE**
[72] NIESKENS, DAVY L.S., NL
[72] POLLEFEYT, GLENN, NL
[72] MALEK, ANDRZEJ, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **CANCER ASSOCIATED ANTIBODY COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D'ANTICORPS ASSOCIES A UN CANCER ET METHODES D'UTILISATION**
[72] BIASCI, DANIELE, US
[72] DE SANTIAGO DOMINGOS DE JESUS, INES, US
[72] TOPTAS, BERKE CAGKAN, US
[71] TOTIENT, INC., US
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[54] **LEAK-OFF CONTROL IN ACID STIMULATION USING DISSOLVABLE MATERIAL**
[54] **CONTROLE DE FUITE DANS UNE STIMULATION PAR ACIDE A L'AIDE D'UN MATERIAU SOLUBLE**
[72] PANDEY, VIBHAS, US
[71] CONOCOPHILLIPS COMPANY, US
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[86] 2019-09-04 (PCT/US2019/049411)
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[54] **OBJECT VERIFICATION FOR A NETWORK-BASED SERVICE**
[54] **VERIFICATION D'OBJET POUR UN SERVICE BASE SUR UN RESEAU**
[72] ASH, RICHARD, US
[72] EVANS, LENNY, US
[72] ONGCHIN, DERRICK, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES ANTIBACTERIENS**
[72] TENG, MIN, US
[72] NAMMALWAR, BASKAR, US
[72] LI, XIAOMING, US
[72] PEREZ, CHRISTIAN, US
[72] PUERTA, DAVID T., US
[72] YULE, IAN, GB
[72] FAULKNER, ADELE, GB
[72] ATTON, HOLLY, GB
[72] PARKES, ALASTAIR, GB
[72] CONVERS-REIGNIER, SERGE, GB
[72] SOUTHEY, MICHELLE, GB
[71] FORGE THERAPEUTICS, INC., US
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[54] **COMPOSE HETEROCYCLIQUE**
[72] SASAKI, SHINOBU, JP
[72] ASANO, YASUTOMI, JP
[72] MAEZAKI, HIRONOBU, JP
[72] SATO, AYUMU, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **METHODS AND TECHNOLOGY FOR CREATING CONNECTIONS AND SHUNTS BETWEEN VESSELS AND CHAMBERS OF BIOLOGIC STRUCTURES**
[54] **PROCEDES ET TECHNOLOGIE POUR CREER DES CONNEXIONS ET DES DERIVATIONS ENTRE DES VAISSEAUX ET DES CHAMBRES DE STRUCTURES BIOLOGIQUES**
[72] SCHWARTZ, ROBERT S., US
[72] ROWE, STANTON J., US
[72] TAFT, ROBERT C., US
[72] RABITO, GLEN, US
[72] SIEGEL, ALEXANDER, US
[72] PASSMAN, JOSEPH, US
[71] NXT BIOMEDICAL, LLC, US
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[54] **MULTI-USE ENDOSCOPE WITH INTEGRATED DEVICE-PATIENT MONITORING AND PATIENT-PROVIDER POSITIONING AND DISASSOCIATION SYSTEM**
[54] **ENDOSCOPE MULTI-USAGE AVEC SURVEILLANCE INTEGREE DE DISPOSITIF-PATIENT ET SYSTEME DE POSITIONNEMENT ET DE DISSOCIATION PATIENT-FOURNISSEUR**
[72] FRIEDLANDER, JOEL, US
[72] PRAGER, JEREMY, US
[72] DEBOER, EMILY, US
[72] DETERDING, ROBIN, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[54] **DISPOSITIF PORTATIF D'ADMINISTRATION DE MEDICAMENT MINIATURISE**
[72] WALSH, JESSICA, US
[72] DINESEN, JOHN, US
[72] HARHEN, STEPHEN, US
[71] RX BANDZ, LLC, US
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[54] **TECHNIQUES DE PUBLICITE NUMERIQUE DYNAMIQUE**
[72] TURNER, JEFFREY MARK, US
[72] HICKS, AMANDA, US
[72] LEMIEUX, MATTHEW PHILIP, US
[72] LIN, HONGLIANG ERIC, US
[72] ZUCKER-SCHARFF, ARAM JASON, US
[72] WALLS, CHRISTIAN DERRICK, US
[72] PABLEO, BRITTANY, US
[71] WP COMPANY LLC, US
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[54] **ATTACHMENT APPARATUSES FOR SQUAT EXERCISES AND METHODS OF USING SAME**
[54] **APPAREILS DE FIXATION POUR EXERCICES DE SQUAT ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] SORIN, RICHARD, US
[72] SORIN, ALBERT, US
[71] SORIN, RICHARD, US
[71] SORIN, ALBERT, US
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[54] **FUSED TRICYCLIC RING DERIVATIVES AS SRC HOMOLOGY-2 PHOSPHATASE INHIBITORS**
[54] **DERIVES D'ANNEAUX TRICYCLIQUES FUSIONNES UTILISES EN TANT QU'INHIBITEURS DE LA PHOSPHATASE SRC A HOMOLOGIE-2**
[72] FU, JIPING, US
[72] LOU, YAN, US
[72] HE, YIGANG, US
[71] NIKANG THERAPEUTICS, INC., US
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[54] **TRI-SUBSTITUTED HETEROARYL DERIVATIVES AS SRC HOMOLOGY-2 PHOSPHATASE INHIBITORS**
[54] **DERIVES HETEROARYLES TRI-SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE LA PHOSPHATASE SRC A HOMOLOGIE-2**
[72] FU, JIPING, US
[72] LOU, YAN, US
[72] HE, YIGANG, US
[71] NIKANG THERAPEUTICS, INC., US
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[54] **FUNCTIONALIZED HETEROCYCLES AS ANTIVIRAL AGENTS**
[54] **HETEROCYCLES FONCTIONNALISES UTILES EN TANT QU'AGENTS ANTIVIRAUX**
[72] PANARESE, JOSEPH, US
[72] BARTLETT, SAMUEL, US
[72] DAVIS, DEXTER, US
[72] CHONG, KATHERINE, US
[72] OR, YAT SUN, US
[71] ENANTA PHARMACEUTICALS, INC., US
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[54] **PYRIDAZINONES ET LEURS PROCEDES D'UTILISATION**
[72] LEDEBOER, MARK W., US
[72] DANIELS, MATTHEW H., US
[72] YU, MAOLIN, US
[72] HARMANGE, JEAN-CHRISTOPHE P., US
[71] GOLDFINCH BIO, INC., US
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[54] **SYSTEMES ET PROCEDES D'EVACUATION DE MANEGE**
[72] MCCORMICK, DENNIS, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-03-17
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[54] **QUINAZOLINE DERIVATIVES AS TYROSINE KINASE INHIBITOR, COMPOSITIONS, METHODS OF MAKING THEM AND THEIR USE**
[54] **DERIVES DE QUINAZOLINE UTILISES EN TANT QU'INHIBITEUR DE TYROSINE KINASE, COMPOSITIONS, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION**
[72] FLOHR, ALEXANDER, CH
[72] MAYWEG, ALEXANDER, US
[72] TRAINOR, GEORGE, US
[72] EPSTEIN, DAVID M., US
[72] O'CONNOR, MATTHEW, US
[72] BUCK, ELIZABETH, US
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[72] STEFANCIC, STEVE, US
[72] MILLER, ROBERT R. (DECEASED), XX
[71] GARLAND INDUSTRIES, INC., US
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[54] **ELECTRONIC LOCK STATE DETECTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DETECTION D'ETAT DE VERROU ELECTRONIQUE**
[72] PAVLOVIC, BRYAN E., US
[72] HATZINGER, TAMARA, US
[72] SCHEFFLER, DOMINIK, US
[72] NEEDHAM, HOWARD, US
[72] PEDERSEN, JASON, US
[72] KOWALSKI, JOHN, US
[72] SHERACK, TIMOTHY, US
[72] JAMES, WILLIAM, US
[71] KNOX ASSOCIATES, INC. DBA KNOX COMPANY, US
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[54] **SYSTEMS AND METHODS FOR RENDERING WEBLINKS INSIDE A REMOTE APPLICATION USING AN EMBEDDED BROWSER**
[54] **SYSTEMES ET PROCEDES DE RENDU DE LIENS WEB A L'INTERIEUR D'UNE APPLICATION DISTANTE A L'AIDE D'UN NAVIGATEUR INCORPORE**
[72] BORKAR, VIPIN, US
[72] SAMPATH, SANTOSH, US
[72] SHARMA, DEEPAK, US
[72] SANKARASUBRAMANIAN, ARVIND, US
[71] CITRIX SYSTEMS, INC., US
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[54] **COORDINATION DE BROUILLAGE DANS DES SYSTEMES DE COMMUNICATION AVEC GESTION DE SPECTRE DYNAMIQUE**
[72] CHEN, ETHAN Y., US
[72] MAKHLOUF, ISAM R., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **DISTRIBUTEUR D'ALIMENT AUTOMATISE**
[72] BAXTER, BRAD, US
[72] SMITH, JASON, US
[72] WEIHMAN, JASON, US
[71] AUTOMATED PET CARE PRODUCTS, LLC, US
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[54] **POLYMORPHIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES POLYMORPHES ET LEURS UTILISATIONS**
[72] POE, RUSSELL BIRCH, US
[72] JONAITIS, DAVID T., US
[72] GROVE, LISA MICHELLE, US
[71] ASTROCYTE PHARMACEUTICALS, INC., US
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[54] **SYSTEME ET PROCEDE POUR REMPLACER DES PORTES INTERIEURES**
[72] SANTIAGO, RAFAEL, US
[72] CHARTIER, JOEL, US
[72] KEEN, DEREK, US
[71] JELD-WEN, INC, US
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[54] **SYSTEMS AND METHODS FOR INLINE FLUID CHARACTERIZATION**
[54] **SYSTEMES ET PROCEDES DE CARACTERISATION DE PASSAGE DE FLUIDE**
[72] KUMAR, MAYANK, US
[72] LIN, KENG-TSAI, US
[72] SATISH, SIDDARTH, US
[72] HOSFORD, ANDREW T., US
[71] GAUSS SURGICAL, INC., US
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[54] **CELLULES SOUCHES ADULTES PLURIPOTENTES HUMAINES**
[72] LI, SHAOWEI, US
[72] HU, MIN, US
[72] LIU, BOWEN, US
[71] APSTEM THERAPEUTICS, INC., US
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[54] **PARTICULES COMPRENANT DU SILICIUM ET DU LITHIUM**
[72] ZHANG, YINZHI, US
[72] TANG, ZHONG, US
[71] ALBEMARLE CORPORATION, US
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[54] **COMPOSITIONS DE BACILLUS AMYLOLIQUEFACIENS FCC1256 ET PROCEDES DE REGULATION D'AGENTS PATHOGENES DES VEGETAUX**
[72] VAN DER LELIE, DANIEL, US
[72] TAGHAVI, SAFIYH, US
[72] DEVINE, ANTHONY ANDREW, DK
[72] LEE, JAEHEON, DK
[71] FMC CORPORATION, US
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[54] **TREATMENT METHODS**
[54] **PROCEDES DE TRAITEMENT**
[72] FLECHTNER, JESSICA BAKER, US
[72] LOSSKY-ELIAS, MARIE, US
[72] CARROLL, PAMELA M., US
[72] LAM, HUBERT, US
[72] MCNEIL, LISA K., US
[72] BROOM, WENDY JANE, US
[71] GENOCEA BIOSCIENCES, INC., US
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[54] **MESURE D'EPAISSEUR AVEC CAPTEURS DE DEPLACEMENT INDUCTIF ET OPTIQUE**
[72] HUGHES, MICHAEL KON YEW, US
[72] TIXIER, SEBASTIEN, US
[72] NEBEL, TOBIAS, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **DISPOSITIF DE RECOMMANDATION DE TEMPS D'ATTENTE**
[72] MOLINARI, MICHAEL JOSEPH, US
[72] SALOWE, DANIEL JOSEPH, US
[72] WHANG, SARAH HEAYUN, US
[72] LECAS, JOSHUA DAVID, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **MULTIVALENT IGM- AND IGA-FC-BASED BINDING MOLECULES**
[54] **MOLECULES DE LIAISON A BASE D'IGM ET D'IGA-FC MULTIVALENTES**
[72] BALIGA, RAMESH, US
[72] HINTON, PAUL, US
[72] NG, DEAN, US
[72] KEYT, BRUCE, US
[71] IGM BIOSCIENCES, INC., US
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[54] **METHODS AND COMPOSITIONS FOR IDENTIFYING LIGANDS ON ARRAYS USING INDEXES AND BARCODES**
[54] **PROCEDES ET COMPOSITIONS POUR IDENTIFIER DES LIGANDS SUR DES RESEAUX A L'AIDE D'INDICES ET DE CODES A BARRES**
[72] BERTI, LORENZO, US
[72] BLACK, FIONA E., US
[72] BRODIN, JEFFREY DENNIS, US
[72] FISHER, JEFFREY, US
[72] LEONG, SIEW HONG, US
[72] SEGALE, DARREN, US
[71] ILLUMINA, INC., US
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[54] **MODULATION DE BILLES POLYMERES POUR TRAITEMENT D'ADN**
[72] NORBERG, STEVEN, US
[72] POKHOLOK, DMITRY K., US
[72] RAMJI, RAMESH, US
[72] STEEMERS, FRANK J., US
[72] ZHANG, FAN, US
[71] ILLUMINA, INC., US
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[54] **IDENTIFICATION AND ANALYSIS OF MICROBIAL SAMPLES BY RAPID INCUBATION AND NUCLEIC ACID ENRICHMENT**
[54] **IDENTIFICATION ET ANALYSE D'ECHANTILLONS MICROBIENS PAR INCUBATION RAPIDE ET ENRICHISSEMENT D'ACIDE NUCLEIQUE**
[72] WANG, CLIFFORD LEE, US
[71] ILLUMINA, INC., US
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[54] **DISPOSITIF ET PROCEDE D'ADAPTATION D'AUDIO 3D VIRTUEL A UNE PIECE REELLE**
[72] PANG, LIYUN, DE
[72] ADRIAENSEN, FONS, DE
[72] LI, SONG, DE
[72] SCHLIEPER, ROMAN, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEME DE STORE A LAMELLES**
[72] BLAUENFELDT-DYDENSBORG, JAKOB, DK
[72] LAURITZEN, IVAR, DK
[72] JENSEN, JORN KRAB, DK
[71] RAMBOLL DENMARK CONTRACTING APS, DK
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[54] **DISPOSITIF THERAPEUTIQUE**
[72] FOROSTENKO, PHILLIP, AU
[71] MUSCLE COMPRESSION THERAPIES PTY LTD, AU
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[54] **ENSEMBLE JOINT A AUTO-ALIGNEMENT**
[72] BEATTIE, DAVID, AU
[72] BAMPTON, ALAN PAUL, AU
[72] KENDRICK, JIM, AU
[71] DASH ENGINEERING PTY LTD, AU
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[54] **SYSTEME D'INSERT MODULAIRE POUR SEMELLES DE CHAUSSURE**
[72] BECK, HARALD, CH
[72] SCHUMACHER, TOBIAS, CH
[71] BECK, HARALD, CH
[71] SCHUMACHER, TOBIAS, CH
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[54] **METHOD, SYSTEM AND APPARATUS FOR CONTROLLING SENSING DEVICES OF A HVAC SYSTEM**
[54] **PROCEDE, SYSTEME ET APPAREIL DE COMMANDE DE DISPOSITIFS DE DETECTION D'UN SYSTEME DE CVC**
[72] MCPHAIL, JAMES LAWRENCE, US
[72] MURACA, JAMES, AU
[72] HATAMOSA, GRANT IAN, AU
[71] ZEN ECOSYSTEMS IP PTY LTD, AU
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[54] **SYSTEMES D'ADMINISTRATION POUR ENDOPROTHESES AYANT DES ELEMENTS SAILLANTS**
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[72] LO, PATRICK, US
[72] FULKERSON, JOHN, US
[72] RIZK, ISA, US
[72] AGUAYO, FRANCISCO, US
[72] MUSTAPHA, JIHAD ALI, US
[72] ANSEL, GARY, US
[71] REFLOW MEDICAL, INC., US
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[54] **HANDLING DEVICE FOR STORING AND RETRIEVING BOTTLE-TYPE INDIVIDUAL ITEMS**
[54] **APPAREIL DE COMMANDE POUR LE STOCKAGE ET LE DESTOCKAGE DE MARCHANDISES AU DETAIL EN FORME DE BOUTEILLES**
[72] HELLENBRAND, CHRISTOPH, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2021-03-18
[86] 2019-10-07 (PCT/EP2019/077117)
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[54] **ADDITIFS POUR STABILISER DES SOLUTIONS DE COPOLYMERES DE POLYACRYLAMIDE DANS DES CONDITIONS DE CISAILLEMENT ELEVE**
[72] ANDERSON, TIMOTHY H., US
[72] OESTER, DEAN A., US
[72] LONG, MELVIN, US
[71] BASF SE, DE
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[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE PREVENTION DE LA NEUROPATHIE OPTIQUE HEREDITAIRE DE LEBER**
[72] LEVIN, ANDREW D., US
[72] GROS, DAVID-ALEXANDRE, US
[71] IMBRIA PHARMACEUTICALS, INC., US
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[54] **SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LE TRAITEMENT D'UNE REQUETE AUPRES D'UNE BASE DE DONNEES RELATIONNELLE A L'AIDE D'UNE TECHNOLOGIE DE TRAITEMENT DE DONNEES PROCHES (NDP) FONDEE SUR UN LOGICIEL**
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[72] BARBALACE, ANTONIO, DE
[72] ILIOPOULOS, ANTONIOS, DE
[72] VOYTIK, DMITRY, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] **FABRICATION DE PRODUITS EN BOIS**
[72] GOLDSCHLAGER, RONALD DAVID, AU
[71] SOLARWOOD INTERNATIONAL PTY LTD, AU
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[54] **SAUMURE ET PROCEDE POUR LA PRODUIRE**
[72] JOHNSON, GARY DONALD, AU
[72] URBANI, MARK DANIEL, AU
[72] VINES, NICHOLAS JOHN, AU
[71] LI-TECHNOLOGY PTY LTD, AU
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[54] **APPAREIL, SYSTEME ET PROCEDE D'ARROSAGE DE PLANTES**
[72] BENNE, LEO, CA
[71] CUBICFARM SYSTEMS CORP., CA
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[54] **WELL SHUT-IN SAFETY APPARATUS**
[54] **APPAREIL DE SECURITE DE FERMETURE DE PUITS**
[72] BARKER, CHAD JOSEPH, CA
[71] PROSTAR ENERGY TECHNOLOGIES (CANADA) GP LTD., CA
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[54] **DERIVES DE THIOCARBAMATE EN TANT QU'INHIBITEURS D'A2A, COMPOSITION PHARMACEUTIQUE ASSOCIEE ET COMBINAISONS AVEC DES AGENTS ANTICANCEREUX**
[72] CROSIGNANI, STEFANO, BE
[72] DICKINSON, PAUL, GB
[72] DE MATAS, MARCEL, GB
[72] HOUTHUYS, ERICA JOKE KATELIJNE HELEEN, BE
[72] MARILLIER, REECE GERRAD, BE
[72] MARTINOLI, CHIARA, IT
[72] DE HENAU, OLIVIER, BE
[72] DRIESSENS, GREGORY, BE
[71] ITEOS BELGUIM SA, BE
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[54] **OBSERVATION D'ARTHROPODES ASSISTEE PAR CAPTEUR**
[72] WOLLENHAUPT, ROBERT, DE
[72] GOKE, DENNIS, DE
[72] GROGER, STEFAN, DE
[72] SCHMID, ERNST-GEORG, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[72] GOKE, DENNIS, DE
[72] WOLLENHAUPT, ROBERT, DE
[72] TEMPEL, MATTHIAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **PROCEDE DE POSITIONNEMENT D'UNE PIECE ET DISPOSITIF ASSOCIE**
[72] HERTING, TORSTEN, CH
[71] HERTING, TORSTEN, CH
[85] 2021-03-18
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[54] **ELEMENT STRUCTURAL DE SIEGE D'AUTO POUR ENFANT ET SIEGE D'AUTO POUR ENFANT A GROUPES MULTIPLES**
[72] BELLOSO LINACISORO, AITOR JOSU, ES
[72] GARRIDO DIEZ, MIKEL, ES
[71] TEXTIA INNOVATIVE SOLUTIONS, S.L., ES
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[54] **ORDINATEUR CHIMIQUE**
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[54] **HIGH-PURITY PEG LIPIDS AND USES THEREOF**
[54] **LIPIDES PEG DE HAUTE PURETE ET LEURS UTILISATIONS**
[72] ALMARSSON, ORN, US
[72] LIM, JIN, US
[72] CHEUNG, EUGENE, US
[72] MILTON, JACLYN, US
[71] MODERNATX, INC., US
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[54] **WIRELESS POWER TRANSFER SYSTEM AND METHOD THEREOF**
[54] **SYSTEME DE TRANSFERT D'ENERGIE SANS FIL ET SON PROCEDE**
[72] BARTLETT, ANDREW, CA
[72] CHEN, SHUYAN, CA
[72] POLU, NAGESH, CA
[72] SNOW, MARK, CA
[71] SOLACE POWER INC., CA
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[54] **DISPOSITIF D'ELIMINATION DE DECHETS ET CASSETTE DE DISTRIBUTION DE FILM**
[72] MORAND, MICHEL, CA
[71] ANGELCARE CANADA INC., CA
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[54] **RECUPERATION AUTOMATISEE D'IMAGES AVEC GRAPHE D'IMAGES**
[72] VOLKOVS, MAKSIMS, CA
[72] CHANG, CHENG, CA
[72] YU, GUANGWEI, CA
[72] LIU, CHUNDI, CA
[71] THE TORONTO-DOMINION BANK, CA
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[54] **PROCEDE ET APPAREIL POUR PREDIRE DES MODES INTRA LES PLUS PROBABLES**
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, RU
[72] RUFITSKIY, VASILY ALEXEEVICH, RU
[72] CHEN, JIANLE, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DEDUCTION DE MODE DE PREDICTION INTRA BASEE SUR DES BLOCS VOISINS**
[72] WANG, BIAO, US
[72] KOTRA, ANAND MEHER, US
[72] ESENLIK, SEMIH, US
[72] CHEN, JIANLE, US
[72] ZHAO, ZHIJIE, US
[72] GAO, HAN, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **REGULATOR OF TGR5 SIGNALING AS IMMUNOMODULATORY AGENT**
[54] **REGULATEUR DE LA SIGNALISATION TGR5 EN TANT QU'AGENT IMMUNOMODULATEUR**
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[72] HU, MINGMING, CN
[71] YICHANG HUMANWELL PHARMACEUTICAL CO., LTD, CN
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[54] **APPAREIL, PROCEDES ET SYSTEMES DE MANIPULATION**
[72] BIDRAM, FARHANG, CA
[72] MOHAMMADREZA, YAVARI, CA
[72] MEHRABI, VAHID, CA
[72] GHASEMI TOUDESHKI, AMIRMASOUD, CA
[72] MIRSADEGHI, SEYED MEHDI, CA
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[54] **AGONISTES DU RECEPTEUR DES HORMONES THYROIDIENNES**
[72] DAI, XING, CN
[72] WANG, YAOLIN, CN
[72] JIANG, YUEHENG, CN
[72] LIU, YANQIN, CN
[72] HAN, ZIXING, CN
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[72] TAO, LIANGSHAN, CN
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[54] **SYSTEME, INSTRUMENT ET DISPOSITIF D'IMAGERIE PAR RESONANCE PLASMONIQUE PERMETTANT DE MESURER DES INTERACTIONS MOLECULAIRES**
[72] DENOMME, RYAN, CA
[72] FITZPATRICK, SHAWN, CA
[72] GARR, JASON, CA
[72] IYER, KRISHNA, CA
[72] HALL, GORDON, CA
[72] SAMARASEKERA, CHAMPIKA, CA
[71] NICOYA LIFESCIENCES, INC., CA
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[54] **SUSPENSION ABSORBANTE D'OXYDE D'AZOTE, SON PROCEDE DE PREPARATION ET SON PROCEDE D'UTILISATION**
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[71] HUANG, LIWEI, CN
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[72] HOEGSTEDT, JOHAN, US
[72] MACKAY, JAMES, US
[72] JOHNSSON, EVA, SE
[71] ASTRAZENECA AB, SE
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[54] **INOSITOL PHOSPHATES FOR THE TREATMENT OF ECTOPIC CALCIFICATION**
[54] **PHOSPHATES D'INOSITOL POUR LE TRAITEMENT DE LA CALCIFICATION ECTOPIQUE**
[72] PERELLO BESTARD, JOAN, ES
[72] SALCEDO ROCA, CAROLINA, ES
[72] CANALS HAMANN, ANA-ZERALDA, ES
[71] SANIFIT THERAPEUTICS S.A., ES
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[54] **LIEURS A BASE DE SULFOMALEIMIDE ET CONJUGUES CORRESPONDANTS**
[72] PEREZ, MICHEL, FR
[72] MARION, FREDERIC, FR
[72] HAEUW, JEAN-FRANCOIS, FR
[72] DREYFUS, CYRILLE, FR
[71] PIERRE FABRE MEDICAMENT, FR
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[54] **PROCEDE DE FABRICATION D'UN COMPOSE POUR INHIBER L'ACTIVITE DE SHP2**
[72] FEI, ZHONGBO, CN
[72] LU, GANG, CN
[72] WAN, YINBO, CN
[72] WANG, JIANHUA, CN
[72] WU, QUANBING, CN
[72] ZHANG, HAO, CN
[71] NOVARTIS AG, CH
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[54] **SONDE NASOGASTRIQUE**
[72] PETRALIA, ANTONIO, IT
[72] GHELLI, NICOLA, IT
[72] FONTANILI, PAOLO, IT
[71] EUROSETS S.R.L., IT
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[54] **PROCEDE ET SYSTEME DE DETECTION D'INCLUSIONS DANS UN VERRE FLOTTE SUR LA BASE D'UNE ANALYSE DE LA REFLECTANCE SPECTRALE**
[72] AGBUGA, OKAN, US
[71] GUARDIAN GLASS, LLC, US
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[54] **METHOD FOR DESIGNING A FABRIC WITH SUFFICES OF DIFFERENT WATER-PERMEABLE BASED ON FABRIC CAPILLARY WATER-PERMEABLE CAPACITY**
[54] **PROCEDE DE CONCEPTION DE TISSU AYANT DES PERMEABILITES AUX LIQUIDES DIFFERENTES PAR CALCUL DE PERMEABILITE CAPILLAIRE AUX LIQUIDES DE TISSU**
[72] HU, JUNYAN, CN
[72] WANG, YONG, CN
[72] YANG, CONGXU, CN
[71] BEST PACIFIC TEXTILE LTD., CN
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[72] CAIAZZO, ALDO, NL
[72] DEN BOESTERT, JOHANNES LEENDERT WILLEM CORNELIS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **ACCELERATEUR ELECTRONIQUE POUR VANNES DE COMMANDE D'EAU AUTOMATIQUE**
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[71] TYCO FIRE PRODUCTS LP, US
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[54] **ENCLOSURE DEVICE AND METHOD FOR WASTE PRODUCT, CHEMICAL DEGRADATION PROCESS OF WASTE PRODUCT, AND CHAIN-OF-CUSTODY AUDIT TRAIL**
[54] **DISPOSITIF DE TYPE ENCEINTE ET PROCEDE POUR PRODUIT DE TYPE DECHETS, PROCEDE DE DEGRADATION CHIMIQUE DE PRODUIT DE TYPE DECHETS ET CHEMINEMENT DE L'INFORMATION DE CHAINE DE CONTRO LE**
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[72] AUDINO, NORMAN P., US
[72] SOUSA, JOHN, US
[71] AUDINO, SUSAN, US
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[54] **PEPTIDES MODIFIES ET LEUR UTILISATION**
[72] BONNEL, CLEMENT, GB
[72] LEGRAND, BAPTISTE, FR
[72] MAILLARD, LUDOVIC, FR
[72] MASURIER, NICOLAS, FR
[72] MARTINEZ, JEAN, FR
[72] LICZNAR-FAJARDO, PATRICIA, FR
[72] JUMAS-BILAK, ESTELLE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER (ENSCM), FR
[71] INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR
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[71] WOBBEN PROPERTIES GMBH, DE
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[54] **CONFIDENTIALITE DE TRANSACTIONS DANS DES SYSTEMES A REGISTRE DISTRIBUE PUBLIC**
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[71] LEVERAGE ROCK LLC, US
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[54] **NOUVEAUX DERIVES AMINOPHOSPHINIQUES UTILISES EN TANT QU'INHIBITEURS DE L'AMINOPEPTIDASE A**
[72] BALAVOINE, FABRICE, FR
[72] COMPERE, DELPHINE, FR
[72] LLORENS-CORTES, CATHERINE, FR
[71] QUANTUM GENOMICS, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[72] WAGEMANS, JOHANNES HUBERTUS MARIO, NL
[71] ARCONIC TECHNOLOGIES LLC, US
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[72] ANTONOPOULOS, ALEXIOS, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[72] MCCLANAHAN, ERIC, US
[72] GRUBBS, III, JOE B., US
[71] DANIMER BIOPLASTICS, INC., US
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[72] KROH, FRANKLIN O., US
[71] NACHURS ALPINE SOLUTIONS, US
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[54] **COMPOSITION POLYMERE STABLE A BASE DE PEROXYDE, ET PROCEDE PERMETTANT DE LA PREPARER ET APPLICATIONS DE CELLE-CI**
[72] DURIG, THOMAS, US
[72] GILLETTE, PAUL C., US
[72] TALLON, MICHAEL A., US
[71] ISP INVESTMENTS LLC, US
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[72] YANG, FRANK, US
[72] WONG, RYAN THOMAS, US
[72] PELLICORI, SAMUEL F., US
[72] BUSHROE, FREDERICK NICHOLAS, US
[71] SIMPLEHUMAN, LLC, US
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[54] **PROCEDE ET SYSTEME D'OPTIMISATION DE BALAYAGE DE LIDAR COHERENT**
[72] CROUCH, STEPHEN C., US
[72] ANGUS, EDWARD, US
[72] MILVICH, MICHELLE, US
[71] BLACKMORE SENSORS & ANALYTICS, LLC, US
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[54] **TECHNOLOGIES D'ACTION BASEE SUR UNE DETECTION D'OBJET**
[72] ALALUSI, SAYF, US
[71] TRANSROBOTICS, INC., US
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[72] VAN DER VLIET, JOHANNES JELLE, NL
[72] LAMERIS, ROELAND, NL
[72] DE GRUIJL, TANJA DENISE, NL
[72] PARREN, PAUL WILLEM HENRI IDA, NL
[71] LAVA THERAPEUTICS B.V., NL
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[54] **PROCEDE ET DISPOSITIF PERMETTANT DE SEPARER UN FLUIDE DE DENSITE PLUS LEGERE D'UN FLUIDE DE DENSITE PLUS LOURDE**
[72] ELMS, DAVID JAMES, US
[72] HUDSPETH, GREGORY ALLEN, US
[71] HAVEN TECHNOLOGY SOLUTIONS LLC, US
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[54] **DISPOSITIFS THERMIQUES ET METHODES DE REDUCTION DE GRAISSE VISCERALE**
[72] MAZOR, MEITAL, US
[72] BABKIN, ALEXEI, US
[72] MAZOR, RAFI, US
[71] MAZOR, MEITAL, US
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[54] **SYSTEME DE PERCUSSION A TAMBOUR RESISTANT A L'ENVIRONNEMENT, LEGER ET DE PRECISION**
[72] PILPEL, BEN, US
[72] PILPEL, ED, US
[71] SHAPE INDUSTRIES LLC, US
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[54] **INHIBITION DE LA PEPTIDASE 9X SPECIFIQUE DE L'UBIQUITINE**
[72] FOLLOWS, BRUCE, US
[72] KAYSER-BRICKER, KATHERINE J., US
[72] TALBOT, ADAM CHARLES, US
[72] MENTE, SCOT, US
[72] SHELEKHIN, TATIANA, US
[72] ERICSSON, ANNA, US
[71] FORMA THERAPEUTICS, INC., US
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[54] **ANALOGUE DINUCLEOTIDIQUE CYCLIQUE, COMPOSITION PHARMACEUTIQUE ASSOCIEE ET UTILISATION**
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[72] QIN, PING, CN
[72] LIU, FENGTAO, CN
[72] WANG, JINGLU, CN
[72] DENG, XIAOLEI, CN
[72] GUO, HONGLI, CN
[72] CHEN, DAWEI, CN
[72] GAO, DAXIN, CN
[71] SHANGHAI DE NOVO PHARMATECH CO., LTD., CN
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[54] **STABILISATEUR DE TUBE ENDOTRACHEAL**
[72] STRONG, JAMES RINGGOLD, US
[72] DELULIO, DAVID MARK, US
[71] VCB IP HOLDINGS, LLC, US
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[54] **APPLICATION DE CHIGLITAZAR ET COMPOSES APPARENTES DE CELUI-CI**
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[72] NING, ZHIQIANG, CN
[72] PAN, DESI, CN
[72] KONG, YIDI, CN
[71] SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD., CN
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[54] **SYSTEME DE SURVEILLANCE DE SYSTEMES DE POMPAGE DE BETON**
[72] VASQUEZ, JULIO, US
[71] VASQUEZ, JULIO, US
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[54] **VALVULES PROTHETIQUES POUVANT ETRE MISES EN PLACE PAR CATHETER ET METHODES DE MISE EN PLACE**
[72] VIDLUND, ROBERT, US
[72] CHRISTIANSON, MARK, US
[72] SAIKRISHNAN, NEELAKANTAN, US
[71] VDYNE, INC., US
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[54] **VACCIN, METHODE DE VACCINATION CONTRE CLOSTRIDIUM DIFFICILE**
[72] WARD, BRIAN, CA
[72] WINTER, KAITLIN, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[71] AVIEX TECHNOLOGIES LLC, US
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[54] **SYSTEME MODULAIRE D'ECLAIRAGE DE PLANTES ET DE SUPPORT DE PLANTES**
[72] EDDINS, SCOTT, US
[71] EDDINS, SCOTT, US
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[54] **COMPOSES ET COMPOSITIONS POUR L'ADMINISTRATION INTRACELLULAIRE D'AGENTS THERAPEUTIQUES**
[72] BENENATO, KERRY E., US
[72] CORNEBISE, MARK, US
[72] HENNESSY, EDWARD, US
[71] MODERNATX, INC., US
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[54] **BAFFLE ASSEMBLY AND HEAT EXCHANGER WITH EXPANDING BAFFLES**
[54] **ENSEMBLE DEFLECTEUR ET ECHANGEUR DE CHALEUR AYANT DES DEFLECTEURS EXTENSIBLES**
[72] WARD, JR., JAMES H., US
[72] YOST, CRAIG S., US
[71] GILES ENTERPRISES, INC., US
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[54] **APPARATUS FOR COMPOSITE SHEET WEIGHT DETERMINATIONS**
[54] **APPAREIL PERMETTANT DES DETERMINATIONS DE POIDS DE FEUILLE COMPOSITE**
[72] NEBEL, TOBIAS, US
[72] TIXIER, SEBASTIEN, US
[72] HUGHES, MICHAEL KON YEW, US
[72] HOFMAN, GERTJAN, US
[72] MOUNTER, PAUL, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **SYSTEMS AND METHODS FOR MANUFACTURING LIPID NANOPARTICLES AND LIPOSOMES**
[54] **SYSTEMES ET PROCEDES POUR LA FABRICATION DE NANOPARTICULES LIPIDIQUES ET DE LIPOSOMES**
[72] BARBOSA, CHRISTOPHER J., CA
[72] MOLESCHI, KODY, CA
[72] CRETNEY, DAVID, CA
[71] ACUITAS THERAPEUTICS, INC., CA
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[54] **HIGH-CAPACITY BLADDER TYPE CONSTANT PRESSURE ACCUMULATOR AND APPLICATION THEREOF**
[54] **ACCUMULATEUR A PRESSION CONSTANTE DU TYPE A VESSIE DE GRANDE CAPACITE ET SON APPLICATION**
[72] WAN, LIRONG, CN
[72] YU, ZHENGMIAO, CN
[72] ZENG, QINGLIANG, CN
[72] LIU, WENTING, CN
[72] DAI, HANZHENG, CN
[72] SUN, ZHIYUAN, CN
[72] TIAN, MINGQIAN, CN
[71] SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
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[54] **NITROXOLINE PRODRUG AND USE THEREOF**
[54] **PROMEDICAMENT DE NITROXOLINE ET UTILISATION ASSOCIEE**
[72] DENG, YIJUN, CN
[72] WU, LIANG, CN
[72] PAN, KE, CN
[71] JIANGSU YAHONG MEDITECH CO., LTD., CN
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[54] **GRAPIPRANT UNIT DOSAGE FORMS**
[54] **FORMES POSOLOGIQUES UNITAIRES DE GRAPIPRANT**
[72] MANFREDI, MARK, US
[72] ECSEDY, JEFFREY, US
[72] NAGAHISA, ATSUSHI, JP
[72] OKUMURA, TAKAKO, JP
[71] ARRYS THERAPEUTICS, INC., US
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[54] **MUTANT REVERSE TETRACYCLINE TRANSACTIVATORS FOR EXPRESSION OF GENES**
[54] **TRANSACTIVATEURS DE TETRACYCLINE INVERSES MUTANTS POUR L'EXPRESSION DE GENES**
[72] SINCLAIR, DAVID A., US
[72] LU, YUANCHENG, US
[72] DAVIDSOHN, NOAH JUSTIN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **REPROGRAMMATION CELLULAIRE POUR INVERSER LE VIEILLISSEMENT ET FAVORISER LA REGENERATION DES ORGANES ET TISSUS**
[72] SINCLAIR, DAVID A., US
[72] LU, YUANCHENG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **INHIBITION OF KIDNEY DISEASE RELAPSE BY TARGETED CYTOKINE DEPLETION**
[54] **INHIBITION DE RECHUTE DE MALADIE RENALE PAR DEPLETION DE CYTOKINES CIBLEE**
[72] CHUGH, SUMANT SINGH, US
[71] RUSH UNIVERSITY MEDICAL CENTER, US
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[54] **COMPOSITIONS AND METHODS COMPRISING SERINE PROTEASE VARIANTS**
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[72] AMIN, NEELAM S., US
[72] AUGUSTYN, KATHERINE, US
[72] BASLER, JOSHUA R., US
[72] CASCAO-PEREIRA, LUIS G., US
[72] COLLIER, KATHERINE D., US
[72] CONCAR, EDWARD M., US
[72] ESTELL, DAVID A., US
[72] KELLIS, JAMES T., JR., US
[72] MAGENNIS, EUAN JOHN, US
[72] PISARCHIK, ALEXANDER, US
[72] POULOSE, AYROOKARAN J., US
[72] SOUTER, PHILIP FRANK, US
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[71] THE PROCTER & GAMBLE COMPANY, US
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[71] BILL & MELINDA GATES FOUNDATION, US
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[54]
[72] NAZARE, MARC, DE
[72] HALLAND, NIS, DE
[72] SCHMIDT, FRIEDEMANN, DE
[72] KLEEMANN, HEINZ-WERNER, DE
[72] WEISS, TILO, DE
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[54] **PRODUITS ASSOCIES A UN AEROSOL DOSEUR, ET PROCEDES D'UTILISATION**
[72] HARTMAN, MICHEAL S., US
[72] BOYLES, JAMES V. C., US
[71] ISLAND BREEZE SYSTEMS CA, LLC, US
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[54] **CARTOUCHE, ET APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES UTILISANT LADITE CARTOUCHE**
[72] MIYABE, SHIGEO, JP
[72] UENO, TAKAHITO, JP
[72] MORIOKA, MASANARI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[54]
[72] DOMANICO, MICHAEL J., US
[72] ALLAWI, HATIM, US
[72] LIDGARD, GRAHAM P., US
[72] AIZENSTEIN, BRIAN, US
[72] HUNT, OLIVER, US
[72] ZUTZ, TOBIAS CHARLES, US
[71] EXACT SCIENCES DEVELOPMENT COMPANY, LLC, US
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[54] **COMPOSITIONS AND METHODS FOR STABILIZING PROTEIN-CONTAINING FORMULATIONS**
[54] **COMPOSITIONS ET METHODES POUR STABILISER DES PREPARATIONS CONTENANT DES PROTEINES**
[72] ESUE, OSIGWE, US
[72] SHARMA, VIKAS K., US
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[54] **SOYBEAN GENE CLUSTER REGIONS ASSOCIATED WITH APHID RESISTANCE AND METHODS OF USE**
[54] **REGIONS CONTENANT DES GROUPES DE GENES DE SOYA ASSOCIEES A UNE RESISTANCE AUX PUCERONS ET METHODES D'UTILISATION**
[72] PLUNKETT, DAVID, US
[72] DYER, DANIEL, US
[72] BREITINGER, BECKY, US
[72] YU, JU-KYUNG, US
[72] SHI, AINONG, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **ZONE HEATING FOR RESPIRATORY CIRCUITS**
[54]
[72] TONKIN, PAUL JAMES, NZ
[72] BUSWELL, MATTHEW LIAM, NZ
[72] CUDDY, HELEN, NZ
[72] EDWARDS, THOMAS JAMES, NZ
[72] MILLAR, GAVIN WALSH, NZ
[72] OOSTHUYSEN, HELGARD, NZ
[72] VAN SCHALKWYK, ANDRE, NZ
[72] KWAN, IAN LEE WAI, NZ
[72] SI, PING, NZ
[72] ALNASHI, SINAA, NZ
[72] ORCHARD, KIERAN MICHAEL, NZ
[72] AL-TIAY, IBRAHIM, NZ
[72] STOKS, ELMO BENSON, NZ
[72] NORTH, CHARLES CHRISTOPHER, NZ
[72] WILSON, MATTHEW ROBERT, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **SHAKER ASSEMBLIES HAVING POSITIONING DEVICES**
[54] **ENSEMBLES VIBRANTS MUNIS DE DISPOSITIFS DE POSITIONNEMENT**
[72] STROBEL, ANDREW ALBERT, US
[72] HOFLAND, DANIEL JOHN, US
[71] VERMEER MANUFACTURING COMPANY, US
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[54] **VIDEO DECODER WITH REDUCED DYNAMIC RANGE TRANSFORM WITH INVERSE TRANSFORM SHIFTING MEMORY**
[54] **DECODEUR VIDEO A TRANSFORMEE A PLAGE DYNAMIQUE REDUITE ET A MEMOIRE DE DECALAGE DE TRANSFORMEE INVERSE**
[72] KEROFSKY, LOUIS JOSEPH, US
[72] MISRA, KIRAN, US
[72] SEGALL, CHRISTOPHER A., US
[71] DOLBY INTERNATIONAL AB, NL
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[54] **POWDER CONTAINER, POWDER SUPPLY DEVICE AND IMAGE FORMING APPARATUS**
[54] **RECIPIENT DE POUDRE, DISPOSITIF DE DISTRIBUTION DE POUDRE ET APPAREIL DE FORMATION D'IMAGE**
[72] MATSUMOTO, JUNICHI, JP
[72] KAI, TSUKURU, JP
[72] HOSOKAWA, HIROSHI, JP
[72] KOMATSU, MAKOTO, JP
[72] HAYAKAWA, TADASHI, JP
[72] OZAWA, YUZURU, JP
[71] RICOH COMPANY, LTD., JP
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[72] WEINSCHENK, TONI, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[30] GB (1505305.1) 2015-03-27
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
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[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] WEINSCHENK, TONI, DE
[72] SINGH, HARPREET, US
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
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[54] **PARTICLES HAVING A VAPOR DEPOSITED COLORANT**
[54] **PARTICULES COMPORTANT UN COLORANT DEPOSE PAR VAPEUR**
[72] ARGOITIA, ALBERTO, US
[72] MEREDITH, LARRY, US
[72] THORAVAL, CAROLE, US
[72] RAKSHA, VLADIMIR, US
[71] VIAVI SOLUTIONS INC., US
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[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MONITORING RESTROOM APPLIANCES**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR SURVEILLER DES APPAREILS SANITAIRES**
[72] BUSH, SHAWN D., US
[72] ALLARD, ROCK R., III, US
[72] ANDERSEN, BLAINE, US
[72] HARRISON, CHRISTOPHER R., US
[71] SDB IP HOLDINGS, LLC, US
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[62] 3,008,613
[30] US (62/267,472) 2015-12-15
[30] US (15/232,105) 2016-08-09
[30] US (15/232,137) 2016-08-09
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[72] MICHALAK, MAREK, CA
[71] NEW YORK UNIVERSITY, US
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[54] **SYSTEMES DE LIT ET PROCEDES ASSOCIES**
[72] JOHNSON, MICHAEL KARL, US
[72] RESSEL, TAYLOR ALLEN, US
[71] KAP MEDICAL, INC., US
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[54] **LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY**
[54] **DEFILEMENT DE LISTES, ET TRANSLATION, MISE A L'ECHELLE ET ROTATION DES DOCUMENTS SUR UN ECRAN TACTILE**
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[71] APPLE INC., US
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[54] **SYSTEME ET PROCEDE DE FILETAGE D'UN SUBSTRAT METALLIQUE SUR UN LAMINOIR**
[72] HOBBIS, ANDREW JAMES, US
[72] PRALONG, ANTOINE JEAN WILLY, US
[72] MICK, STEPHEN LEE, US
[72] BROWN, RODGER, US
[72] FINN, MARK, US
[72] KNELSEN, PETER, US
[72] LEE, TERRY, US
[72] ALDER, HANSJUERG, US
[72] BECK, WILLIAM, US
[72] QUINTAL, ROBERTO, US
[72] IYER, NATASHA, US
[72] GEHO, JEFFREY EDWARD, US
[71] NOVELIS INC., US
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[25] EN
[54] **A METHOD OF PRODUCING A PANEL INCLUDING A WOOD VENEER LAYER, AND SUCH A PANEL**
[54] **UNE METHODE DE PRODUCTION D'UN PANNEAU COMPRENANT UNE COUCHE DE PLACAGE DE BOIS, ET UN TEL PANNEAU**
[72] PERVAN, DARKO, SE
[72] LINDGREN, KENT, SE
[72] JACOBSSON, JAN, SE
[72] HAKANSSON, NICLAS, SE
[72] BOUCKE, EDDY, SE
[72] ZIEGLER, GORAN, SE
[71] VALINGE INNOVATION AB, SE
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **PANNEAU EMBOITABLE AVEC DES PANNEAUX SIMILAIRES POUR FORMER UN REVETEMENT DE SOL**
[72] BOUCKE, EDDY ALBERIE, BE
[72] RIETVELDT, HOHAN CHRISTIAAN, NL
[71] I4F LICENSING NV, BE
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[54] **WIRELESS PROPORTIONAL FLOW INDICATION FOR A TIRE INFLATION SYSTEM**
[54] **SYSTEME D'INDICATION DE DEBIT PROPORTIONNEL SANS FIL POUR UN SYSTEME DE GONFLAGE DE PNEUMATIQUES**
[72] GOINS, HERMAN, JR., US
[72] GOLD, MARK N., US
[72] KRANZ, MARK J., US
[72] MASSEY, MICHAEL JAMES, US
[72] STEPH, JAMES C., US
[71] EQUALAIRE SYSTEMS, INC., US
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[41] 2013-08-15
[62] 2,863,832
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[54] **SIDE FAIRINGS FOR REDUCING VEHICLE DRAG**
[54] **CARENAGES LATERAUX POUR REDUIRE LA TRAINEE D'UN VEHICULE**
[72] WULFF, STEPHEN ALFRED, US
[72] HENDERSON, MICHEAL LORENZO, US
[71] TRANSTEX LLC, US
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[54] **SKIN INTERFACE DEVICE FOR CARDIAC ASSIST DEVICE**
[54] **DISPOSITIF D'INTERFACE CUTANEE POUR DISPOSITIF D'ASSISTANCE CARDIAQUE**
[72] SNYDER, ROGER, US
[72] SMITH, ROBERT, US
[72] DEDECKER, PAUL, US
[72] JEEVANANDAM, VALLUVAN, US
[71] NUPULSECV, INC., US
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[54] **BEVERAGE PREPARATION AND INFUSION SYSTEM**
[54] **SYSTEME DE PREPARATION ET DE PERCOLATION DE BOISSON**
[72] GROSMAN, GABRIEL, CA
[72] HANNESON, SCOTT, CA
[72] VALSECCHI, MASSIMILIANO, IT
[71] 2266170 ONTARIO INC., CA
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[54] **TARGETED SURFACE DISINFECTION SYSTEM WITH PULSED UV LIGHT**
[54] **SYSTEME DE DESINFECTION DE SURFACE CIBLEE A LUMIERE UV PULSEE**
[72] DHILLON, MANJINDER SINGH, CA
[72] MENON, VINOD K., US
[72] RAMANAND, PRAKASH VALENTINO, CA
[72] STEINHOFF, ADAM RAY, CA
[71] ANGELICA HOLDINGS LLC, US
[22] 2016-04-12
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[54] **TARGETED SURFACE DISINFECTION SYSTEM WITH PULSED UV LIGHT**
[54] **SYSTEME DE DESINFECTION DE SURFACE CIBLEE A LUMIERE UV PULSEE**
[72] RAMANAND, PRAKASH VALENTINO, CA
[72] DHILLON, MANJINDER SINGH, CA
[72] STEINHOFF, ADAM RAY, CA
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[62] 2,982,445
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[54] **COMBINATION THERAPIES FOR THE TREATMENT OF ALZHEIMER'S DISEASE AND RELATED DISORDERS**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET DES TROUBLES ASSOCIES**
[72] ELMALEH, DAVID, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **OUTILS DE PREVENTION DE CHUTE DE SABLE**
[72] REED, STEWART DAROLD, US
[72] YORK, JUSTIN KYLE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **A CHEMICAL STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE PRODUITS CHIMIQUES**
[72] LAMBERT, BRYAN SCOTT, US
[72] PHILLIPS, BRIAN LEE, US
[71] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
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[54] **GROWTH DEVICE FOR CROP, USE OF SUCH A DEVICE, AND A SERIES OF GROWTH DEVICES**
[54] **DISPOSITIF DE CROISSANCE POUR CULTURE, UTILISATION D'UN TEL DISPOSITIF ET SERIE DE DISPOSITIFS DE CROISSANCE**
[72] JANSSEN, HENDRIKUS WILHELMUS THEODORUS, NL
[71] DARTDIJK N.V., NL
[71] HEVORMA B.V., NL
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[54] **METHOD FOR THE GENERATION OF COMPACT TALE-NUCLEASES AND USES THEREOF**
[54] **PROCEDE DE GENERATION DE NUCLEASES TALE COMPACTES ET LEURS UTILISATIONS**
[72] DUCHATEAU, PHILIPPE, FR
[72] JUILLERAT, ALEXANDRE, FR
[72] VALTON, JULIEN, FR
[72] BERTONATI, CLAUDIA, FR
[72] EPINAT, JEAN-CHARLES, FR
[72] SILVA, GEORGE, H., FR
[72] BEURDELEY, MARINE, FR
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[54] **RETAINING MECHANISMS FOR PROSTHETIC VALVES**
[54] **MECANISMES DE RETENUE DE VALVES PROTHETIQUES**
[72] ROWE, STANTON, US
[72] MAISANO, FRANCESCO, IT
[72] MEIRI, ODED, IL
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **CHAMBRE DE DESSABLAGE DE TYPE A TOURBILLONS**
[72] NOONAN, FRANCIS M., US
[72] TRENTADUE, FREDERICK, US
[72] KELLY, JOHN K., US
[72] WHITE, DALE, US
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[71] SMITH & LOVELESS, INC., US
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[72] URMSON, WILLIAM T., JR, US
[72] MOSPAN, JOHN W., US
[72] REMINGTON, JAMES A., US
[71] KOPPERS DELAWARE, INC., US
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[54] **TARGET INFORMATION MANAGEMENT METHOD AND MANAGEMENT EQUIPMENT AND MANAGEMENT SERVER THEREOF**
[54] **PROCEDE DE GESTION D'INFORMATIONS DE CIBLE ET EQUIPEMENT DE GESTION ET SERVEUR DE GESTION ASSOCIES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-12-15
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[54] **INSPIRATORY SYNTHESIS OF NITRIC OXIDE**
[54] **SYNTHESE A L'INSPIRATION D'OXYDE NITRIQUE**
[72] ZAPOL, WARREN M., US
[72] YU, BINGLAN, US
[72] HARDIN, PAUL, US
[72] HICKCOX, MATTHEW, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **BALE DETECTION AND CLASSIFICATION USING STEREO CAMERAS**
[54] **DETECTION ET CLASSIFICATION DE BALLES A L'AIDE D'APPAREILS DE PHOTO STEREO**
[72] FEVOLD, JAKE, US
[72] DUPONT, EDMOND, US
[72] KOZAK, KRISTOPHER, US
[72] DUX, DARIN, L., US
[72] GRAHAM, CURT, US
[72] THOMPSON, KENT, US
[71] VERMEER MANUFACTURING COMPANY, US
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[54] **CELL CULTURE MEDIA**
[54] **MILIEU DE CULTURE CELLULAIRE**
[72] BREUNING, MARCEL ANDRE, DE
[72] JASPER, CHRISTIAN, DE
[72] VON HAGEN, JOERG, DE
[71] MERCK PATENT GMBH, DE
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[54] **SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS**
[54] **SYSTEMES, PROCEDES ET APPAREILS D'IMAGERIE D'UN ECHANTILLON A DES FINS D'ANALYSE BIOLOGIQUE OU CHIMIQUE**
[72] REED, MARK T., US
[72] WILLIAMSON, ERIK, US
[72] CRANE, BRYAN, US
[72] LEUNG, PATRICK, US
[72] BUERMANN, DALE, US
[72] KINDWALL, ALEXANDER P., US
[72] ERIE, FREDERICK, US
[72] PRATT, MARK, US
[72] HARRIS, JASON, US
[72] CARSON, ANDREW JAMES, US
[72] HONG, STANLEY S., US
[72] BRYANT, JASON, US
[72] WANG, MARK, US
[72] VERKADE, DREW, US
[71] ILLUMINA, INC., US
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[30] US (13/273,666) 2011-10-14

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[54] **DOUBLE END STUD BOLT AND METHOD OF USE**
[54] **GOUJON A DEUX EXTREMITES ET PROCEDE D'UTILISATION**
[72] HANIG, JOHN ARTHUR, US
[72] POPPEN, BRADLEY ALLAN, US
[71] SUKUP MANUFACTURING CO., US
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[54] **PROCESS FOR THE PREPARATION OF ISOXAZOLYL-METHOXY-NICOTINIC ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES ISOXAZOLYL-METHOXY-NICOTINIQUES**
[72] DOTT, PASCAL, FR
[72] HANLON, STEVEN PAUL, CH
[72] HILDBRAND, STEFAN, CH
[72] IDING, HANS, CH
[72] THOMAS, ANDREW, CH
[72] WALDMEIER, PIUS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS TUMORS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE CONTRE DIVERSES TUMEURS**
[72] SINGH, HARPREET, US
[72] MAHR, ANDREA, DE
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[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] WEINSCHENK, TONI, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[62] 2,980,805
[30] GB (1505305.1) 2015-03-27
[30] US (62/139,189) 2015-03-27

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[13] A1
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[54] **PROSTHETIC HEART VALVE DEVICES, PROSTHETIC MITRAL VALVES AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE VALVULE CARDIAQUE PROTHETIQUE, VALVULES MITRALES PROTHETIQUES, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] MORRISS, JOHN, US
[72] MCLEAN, MATT, US
[72] BENSING, MAUREEN, US
[72] DUERI, JEAN-PIERRE, US
[72] GIFFORD, HANSON, US
[72] MIYASHIRO, KATIE, US
[72] SCOTT, DAVID JERRY, US
[72] TRASK, DAVID, US
[72] VALLEY, KIRSTEN, US
[71] TWELVE, INC., US
[22] 2014-03-14
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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6888 (2018.01)**
[25] EN
[54] **MARKERS TO PREDICT MACROCYCLIC LACTONE RESISTANCE IN DIROFILARIA IMMITIS, THE CAUSATIVE AGENT OF HEARTWORM DISEASE**
[54] **MARQUEURS DE PREDICTION DE LA RESISTANCE DE DIROFILARIA IMMITIS AUX LACTONES MACROCYCLIQUES, AGENT CAUSAL DE LA FILAIRE**
[72] PRICHARD, ROGER, CA
[72] BOURGUINAT, CATHERINE, CA
[72] GEARY, TIMOTHY, CA
[71] MCGILL UNIVERSITY, CA
[71] ELANCO US INC., US
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[54] **TDP-43 SPECIFIC BINDING MOLECULES**
[54] **MOLECULES DE LIAISON SPECIFIQUES DE TDP-43**
[72] WEINREB, PAUL, US
[72] QUINTERO-MONZON, OMAR, US
[72] BAERISWYL, JEAN-LUC, CH
[72] BARENCO MONTRASIO, MARIA GRAZIA, CH
[72] COOMARASWAMY, JANAKY, CH
[72] GRIMM, JAN, CH
[72] HOCK, CHRISTOPH, CH
[72] MONTRASIO, FABIO, CH
[72] NITSCH, ROGER, CH
[71] UNIVERSITY OF ZURICH, CH
[71] BIOGEN INTERNATIONAL NEUROSCIENCE GMBH, CH
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[54]
[72] MAHR, ANDREA, DE
[72] STEVERMANN, LEA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54]
[72] BILEY, JONATHAN, CA
[71] DIXON, SHELLEY LESLIE, CA
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[25] EN
[54] **COMPOUND FOR ACTIVATING AMPK AND USES THEREOF**
[54] **COMPOSE D'ACTIVATION D'AMPK ET UTILISATIONS ASSOCIEES**
[72] CHIU, JEN-YI, CN
[72] CHEN, HAN-MIN, CN
[72] KUO, CHENG-YI, CN
[72] HUANG, CHUN-FANG, CN
[72] LIN, JIUN-TSAI, CN
[71] ENERGENESIS BIOMEDICAL CO., LTD, CN
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[72] LINDMARK, JEFFREY, CA
[72] FOULDS, GARY, CA
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[54] **HYALURONIC ACID-BASED GELS INCLUDING LIDOCAINE**
[54] **GELS A BASE D'ACIDE HYALURONIQUE COMPRENANT DES AGENTS ANESTHESIQUES**
[72] LEBRETON, PIERRE F., FR
[71] ALLERGAN INDUSTRIE, SAS, FR
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[54] **COMPOUND FOR ACTIVATING AMPK AND USES THEREOF**
[54] **COMPOSE D'ACTIVATION D'AMPK ET UTILISATIONS ASSOCIEES**
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[54] **SYSTEM AND METHOD FOR MULTIPURPOSE TRAFFIC DETECTION AND CHARACTERIZATION**
[54] **SYSTEME ET PROCEDE POUR UNE DETECTION ET UNE CARACTERISATION DE LA CIRCULATION A OBJECTIFS MULTIPLES**
[72] MIMEAULT, YVAN, CA
[72] GIDEL, SAMUEL, CA
[71] LEDDARTECH INC., CA
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[54] **COMPOSE D'ACTIVATION D'AMPK ET UTILISATIONS ASSOCIEES**
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[54] **DEPISTAGE BASE SUR LE SANG POUR LA DETECTION D'UNE MALADIE NEUROLOGIQUE DANS DES INSTALLATIONS DE SOINS PRIMAIRES**
[72] O'BRYANT, SID E., US
[72] BARBER, ROBERT C., US
[72] XIAO, GUANGHUA, US
[72] GERMAN, DWIGHT, US
[71] UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **METHODS AND SYSTEMS FOR TIME-SHIFTING CONTENT**
[54] **PROCEDES ET SYSTEMES POUR CONTENU A DECALAGE DANS LE TEMPS**
[72] HOLDEN, DANIAL, US
[72] URQUHART, VIRGIL BOYETTE, US
[72] ROBERTS, NEAL, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **PROSTHETIC SYSTEM FOR HEART VALVE REPLACEMENT**
[54] **SYSTEME PROTHETIQUE POUR LE REMPLACEMENT D'UNE VALVULE CARDIAQUE**
[72] RIGHINI, GIOVANNI, CH
[72] ZANON, SARAH, CH
[71] INNOVHEART S.R.L., IT
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[54] **DRY BULK TANK WITH COMPARTMENTS AND AN AIR PIPING SYSTEM FOR EQUALIZING AIR PRESSURE IN THE COMPARTMENTS**
[54]
[72] KIBLER, SCOTT A., US
[71] MAC TRAILER MANUFACTURING, INC., US
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[54] **NETWORK CONTENT POLICY PROVIDING RELATED SEARCH RESULT**
[54]
[72] ROACH, PERRY, CA
[71] NETSWEEPER (BARBADOS) INC., BB
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[54] **PROTHESE DE VALVULE MITRALE TRANSCATHETER**
[72] LANE, RANDY MATTHEW, CA
[72] NYULI, COLIN ALEXANDER, CA
[71] NEOVASC TIARA INC., CA
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[54] **SOCIAL MESSAGING USER INTERFACE**
[54] **INTERFACE UTILISATEUR DE MESSAGERIE SOCIALE**
[72] NESLADEK, CHRISTOPHER D., US
[72] HAMILTON, JEFFREY W., US
[72] SHARKEY, JEFFREY A., US
[72] PHUKAN, PRASENJIT, US
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Index of Canadian Patents Issued

April 13, 2021

Index des brevets canadiens délivrés

13 avril 2021

Index of Canadian Patents Issued
April 13, 2021

Index des brevets canadiens délivrés
13 avril 2021

Index of Canadian Patents Issued
April 13, 2021

Index of Canadian Patents Issued
April 13, 2021

Index of Canadian Patents Issued
April 13, 2021

Index of Canadian Applications Open to Public Inspection

March 28, 2021 to April 3, 2021

Index des demandes canadiennes mises à la disponibilité du public

28 mars 2021 au 3 avril 2021

Index of Canadian Applications Open to Public Inspection
March 28, 2021 to April 3, 2021

Index des demandes canadiennes mises à la disponibilité du public
28 mars 2021 au 3 avril 2021

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 des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

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

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

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