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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.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
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[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

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14. Procédures de correspondance

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

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

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

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

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

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7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

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

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

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

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

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

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℠, ou par Xpresspost℠ 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.

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.

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

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.

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

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

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

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

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

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 27, 2021 contains applications open to public inspection from April 11, 2021 to April 17, 2021.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 27 avril 2021 contient les demandes disponibles au public pour consultation pour la période du 11 avril 2021 au 17 avril 2021.

16. Erratum

The information regarding patent number 2,889,693 granted under the heading "Canadian Patents Issued" in the Patent Office Gazette of March 30, 2021 is incorrect. Please note that patent number 2889693 was not granted on March 30, 2021.

16. Erratum

Les renseignements concernant le brevet numéro 2,889,693 octroyé sous la rubrique « Brevets canadiens délivrés» de la Gazette du Bureau des brevets du 30 mars, 2021 ont inexacts. Veuillez noter que le brevet numéro 2889693 n'a pas été octroyé le 30 mars 2021.

17. Erratum

All information respecting patent application number 3,101,352 referred to under the section *PCT Applications Entering the National Phase* contained in the December 22, 2020 issue of the *Canadian Patent Office Record* was erroneously published and should be disregarded.

17. Erratum

Toutes les informations relatives à la demande de brevet 3,101,352 dans la liste *des Demandes PCT entrant en phase nationale* contenues dans le numéro 22 décembre 2020 de la *Gazette du Bureau des brevets* ont été publiées par erreur et doivent être ignorées.

18. Erratum

All information respecting patent application number 3,101,352 referred to under the section PCT Applications Entering the National Phase contained in the February 16, 2021 issue of the Canadian Patent Office Record was erroneously published and should be disregarded.

18. Erratum

Toutes les informations relatives à la demande de brevet 3,101,352 dans la liste des Demandes PCT entrant en phase nationale contenues dans le numéro 16 février 2021 de la Gazette du Bureau des brevets ont été publiées par erreur et doivent être ignorées.

19. Erratum

All information respecting patent application number 3,101,352 referred to under the section PCT Applications Entering the National Phase contained in the February 23, 2021 issue of the Canadian Patent Office Record was erroneously published and should be disregarded.

19. Erratum

Toutes les informations relatives à la demande de brevet 3,101,352 dans la liste des Demandes PCT entrant en phase nationale contenues dans le numéro 23 février 2021 de la Gazette du Bureau des brevets ont été publiées par erreur et doivent être ignorées.

20. Erratum

The information regarding patent number 3,036,031 granted under the heading "Canadian Patents Issued" in the Patent Office Gazette of April 6, 2021 is incorrect. Please note that patent number 3036031was not granted on April 6, 2021.

20. Erratum

Les renseignements concernant le brevet numéro 3,036,031 octroyé sous la rubrique « Brevets canadiens délivrés» de la Gazette du Bureau des brevets du 6 avril, 2021 sont inexacts. Veuillez noter que le brevet numéro 3036031 n'a pas été octroyé le 6 avril 2021.

Canadian Patents Issued

April 27, 2021

Brevets canadiens délivrés

27 avril 2021

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[54] **COMPOSITIONS D'EXTRAIT DE ROCOU COMPRENANT DES TOCOTRIENOLS ET DES TOCOPHEROLS ET PROCEDES D'UTILISATION**
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[72] SHALON, TADMOR, US
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[54] **METHODS FOR EVALUATING CHROMATOGRAPHY COLUMN PERFORMANCE**
[54] **PROCEDES D'EVALUATION DES PERFORMANCES D'UNE COLONNE DE CHROMATOGRAPHIE**
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[54] **MUTANTS AHAS RESISTANTS AUX HERBICIDES ET LEURS PROCEDES D'UTILISATION**
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[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **USE OF EXTRACTS FROM RABBIT SKIN INFLAMED BY VACCINIA VIRUS IN THE MANUFACTURE OF A MEDICAMENT FOR TREATMENT OF ACUTE CEREBROVASCULAR DISEASES**
[54] **UTILISATION D'EXTRAITS PROVENANT DE PEAU DE LAPIN ENFLAMMEE PAR LE VIRUS DE LA VACCINE POUR LA FABRICATION D'UN MEDICAMENT DESTINEE AU TRAITEMENT D'UNE MALADIE CEREBRO-VASCULAIRE AIGUE**
[72] LAU, MANSANG, CN
[73] VANWORLD PHARMACEUTICAL (RUGAO) CO., LTD., CN
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[25] EN
[54] **TREATMENT OF DISEASES, DISORDERS OR CONDITIONS OF THE LUNG USING PLACENTAL CELLS**
[54] **TRAITEMENT DE MALADIES, TROUBLES OU ETATS DU POUMON UTILISANT DES CELLULES PLACENTAIRES**
[72] HARIRI, ROBERT J., US
[72] FALECK, HERBERT, US
[72] ZEITLIN, ANDREW, US
[73] CELULARITY INC., US
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[54] **LE FACTEUR DE CROISSANCE DES FIBROBLASTES 9 FAVORISE LA REGENERATION DE FOLLICULES PILEUX APRES UNE BLESSURE**
[72] COTSARELIS, GEORGE, US
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[25] EN
[54] **AN APPARATUS FOR TREATING GERD**
[54] **APPAREIL DESTINE A TRAITER UN REFLUX GASTRO-OESOPHAGIEN PATHOLOGIQUE (GERD)**
[72] FORSELL, PETER, CH
[73] IMPLANTICA PATENT LTD., MT
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[25] EN
[54] **COMPOSITIONS, METHODS AND KITS TO DETECT ADENOVIRUS NUCLEIC ACIDS**
[54] **COMPOSITONS, METHODES ET TROUSSES POUR DETECTER DES ACIDES NUCLEIQUES ADENOVIRAUX**
[72] ZIEGLER, EMILY, US
[72] TOWNSEND, JESSICA, US
[73] GEN-PROBE PRODESSE, INC., US
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[54] **PROCEDE ET APPAREIL D'APPROVISIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE EN CARBURANT GAZEUX**
[72] MELANSON, BRADLEY E., CA
[72] MCKINNON, MELISSA S. A., CA
[73] WESTPORT POWER INC., CA
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[54] **PROCEDE ET DISPOSITIF D'EVALUATION, D'ENTRAINEMENT ET D'AMELIORATION DES CAPACITES PERCEPTUELLES-COGNITIVES D'INDIVIDUS**
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[72] SRINIVASAN, SOUNDARARAJAN, US
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[73] ROBERT BOSCH GMBH, DE
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[25] EN
[54] **PROCESS FOR PURIFICATION OF PRODUCED WATER**
[54] **PROCEDE DE PURIFICATION D'EAU PRODUITE**
[72] CHIDAMBARAN, RAVI, US
[72] BISHT, NARENDRA S., IN
[72] RAINA, PAVAN, IN
[73] AQUATECH INTERNATIONAL, LLC, US
[86] (2809799)
[87] (2809799)
[22] 2013-03-18
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[25] FR
[54] **DISPOSITIF DE SAISIE DE DONNEES EN BRAILLE, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[54] **DEVICE FOR LOGGING DATA IN BRAILLE, CORRESPONDING METHOD AND CORRESPONDING COMPUTER PROGRAM PRODUCT**
[72] NACCACHE, DAVID, FR
[72] ANDRE, GUILLAUME, FR
[72] HERNANDEZ, VINCENT, FR
[72] MARSAUD, THIERRY, FR
[72] OLIVE, JEAN-LOUIS, FR
[72] DELORME, JEAN-JACQUES, FR
[72] SARRADIN, JEAN-LOUIS, FR
[72] BERN, FREDERIC, FR
[73] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR
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[25] EN
[54] **ACCESS NODE LOCATIONS IN A NETWORK**
[54] **EMPLACEMENTS DES NOEUDS D'ACCES DANS UN RESEAU**
[72] ONG, IVAN, US
[72] URBAN, DAVID, US
[72] LOWERY, CLIFTON, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[86] (2816786)
[87] (2816786)
[22] 2013-05-28
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[25] FR
[54] **METHOD FOR ENHANCING THE RELIABILITY OF DATA, CALCULATOR, COMMUNICATION ARRANGEMENT AND ASSOCIATED RAILWAY MANAGEMENT SYSTEM**
[54] **PROCEDE DE FIABILISATION DE DONNEES, CALCULATEUR, ENSEMBLES DE COMMUNICATION ET SYSTEME DE GESTION FERROVIAIRE ASSOCIE**
[72] GALLOIS, XAVIER, FR
[72] VIBERT, GUILLAUME, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[86] (2819517)
[87] (2819517)
[22] 2013-06-18
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[51] **Int.Cl. F24H 1/22 (2006.01) F24H 9/14 (2006.01)**
[25] EN
[54] **VARIABLE BYPASS PIPELINE HEATER**
[54] **RECHAUFFEUR DE CANALISATION A DERIVATION VARIABLE**
[72] BARENDREGT, JEREMY, CA
[72] BARENDREGT, CALEB, CA
[73] CERTEK HEAT MACHINE INC., CA
[86] (2822669)
[87] (2822669)
[48] 2021-04-27
[22] 2013-08-01
[30] US (13/862,952) 2013-04-15

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[51] **Int.Cl. C12N 15/861 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ALTERING TISSUE SPECIFICITY AND IMPROVING AAV9-MEDIATED GENE TRANSFER**
[54] **COMPOSITIONS ET PROCEDES POUR MODIFIER UNE SPECIFICITE TISSULAIRE ET AMELIORER LE TRANSFERT D'UN GENE INDUIT PAR AAV9**
[72] WILSON, JAMES M., US
[72] BELL, CHRISTIE L., US
[72] VANDENBERGHE, LUC H., US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **AIR SPRING COUNTERBALANCE**
[54] **CONTREPOIDS A RESSORT PNEUMATIQUE**
[72] SKOTTY, BRIAN ROY, US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2828064)
[87] (2828064)
[22] 2013-09-24
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[54] **INFUSION SET WITH SAFETY DEVICE**
[54] **PERFUSION D'INSULINE AVEC DISPOSITIF DE SECURITE**
[72] HWANG, CHARLES, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2828832)
[87] (2828832)
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[54] **NASAL DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT PAR VOIE NASALE**
[72] HOEKMAN, JOHN D., US
[72] HITE, MICHAEL, US
[72] BRUNELLE, ALAN, US
[72] RELETHFORD, JOEL, US
[72] HO, RODNEY J. Y., US
[73] IMPEL NEUROPHARMA INC., US
[85] 2013-08-30
[86] 2012-03-05 (PCT/US2012/027754)
[87] (WO2012/119153)
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[54] **APPARATUS AND METHOD FOR HYDROCONVERSION**
[54] **APPAREIL ET PROCEDE D'HYDROCONVERSION**
[72] SONG, STEVEN X., US
[72] KUEHNE, DONALD L., US
[72] KEMOUN, ABDENOUR, US
[72] REYNOLDS, BRUCE, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-09-04
[86] 2012-05-31 (PCT/US2012/040132)
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[25] EN
[54] **GLUCOSYLCERAMIDE SYNTHASE INHIBITORS**
[54] **INHIBITEURS DE LA GLUCOSYLCERAMIDE SYNTHASE**
[72] BOURQUE, ELYSE, US
[72] CELATKA, CASSANDRA, US
[72] HIRTH, BRADFORD, US
[72] METZ, MARKUS, US
[72] ZHAO, ZHONG, US
[72] SKERLJ, RENATO, US
[72] XIANG, YIBIN, US
[72] JANCISICS, KATHERINE, US
[72] MARSHALL, JOHN, US
[72] CHENG, SENG, US
[72] SCHEULE, RONALD, US
[72] CABRERA-SALAZAR, MARIO, US
[72] GOOD, ANDREW, US
[73] GENZYME CORPORATION, US
[85] 2013-09-18
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[25] EN
[54] **METHOD, SYSTEM AND COMMUNICATION DEVICE FOR GENERATING NOTIFICATION SIGNALS**
[54] **PROCEDE, SYSTEME ET DISPOSITIF DE COMMUNICATION POUR GENERER DES SIGNAUX DE NOTIFICATION**
[72] WELCHER, HAYWARD IVAN CRAIG, CA
[72] MARTIN, DARYL JOSEPH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2830932)
[87] (2830932)
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[25] EN
[54] **FILAMENTOUS FUNGI HAVING AN ALTERED VISCOSITY PHENOTYPE**
[54] **CHAMPIGNONS FILAMENTEUX PRESENTANT UN PHENOTYPE DE VISCOSITE MODIFIE**
[72] BODIE, ELIZABETH A., US
[72] PRATT, ROBERT JAMES, II, US
[73] DANISCO US INC., US
[85] 2013-10-17
[86] 2012-04-20 (PCT/US2012/034399)
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[54] **FILAMENTOUS FUNGI HAVING AN ALTERED VISCOSITY PHENOTYPE**
[54] **CHAMPIGNONS FILAMENTEUX PRESENTANT UN PHENOTYPE VISCOSITE MODIFIE**
[72] BODIE, ELIZABETH A., US
[72] PRATT, ROBERT JAMES, II, US
[73] DANISCO US INC., US
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[25] EN
[54] **COMPOSITE INSULATING FILM**
[54] **FILM COMPOSITE ISOLANT**
[72] MURRAY, THOMAS JAMES, US
[72] WINKELER, MARK GERARD, US
[72] RAWAL, HETA S., US
[73] ELANTAS PDG, INC., US
[85] 2013-10-30
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[54] **KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASE**
[72] TAUNTON, JOHN WILLIAM, JR., US
[72] BRAMELD, KENNETH ALBERT, US
[72] GOLDSTEIN, DAVID MICHAEL, US
[72] MCFARLAND, JESSE, US
[72] KRISHNAN, SHYAM, US
[72] CHOY, JONATHAN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] PRINCIPIA BIOPHARMA, INC., US
[85] 2013-11-15
[86] 2012-05-16 (PCT/US2012/038214)
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[25] EN
[54] **DIAGNOSIS OF RESPIRATORY TRACT INFECTIOUS DISEASE USING BLOOD SPECIMENS**
[54] **DIAGNOSTIC DE MALADIE INFECTIEUSE DES VOIES RESPIRATOIRES A L'AIDE D'ECHANTILLONS DE SANG**
[72] SHIRAKAWA, KAMON, JP
[73] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2013-11-18
[86] 2012-05-18 (PCT/JP2012/062796)
[87] (WO2012/157750)
[30] JP (2011-112698) 2011-05-19

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[54] **DIAGNOSIS OF RESPIRATORY TRACT INFECTIOUS DISEASES USING URINE SPECIMENS**
[54] **DIAGNOSTIC DE MALADIES INFECTIEUSES DES VOIES RESPIRATOIRES A L'AIDE D'ECHANTILLONS D'URINE**
[72] SHIRAKAWA, KAMON, JP
[73] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2013-11-18
[86] 2012-05-18 (PCT/JP2012/062797)
[87] (WO2012/157751)
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[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING A VPN CONNECTION**
[54] **METHODE ET SYSTEME POUR GERER UNE CONNEXION DE RESEAU PRIVE VIRTUEL**
[72] TSE, CHI CHIU, CA
[72] HALLIOP, ANIA, CA
[72] LAI, CHUN HEI JUSTIN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2840358)
[87] (2840358)
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[25] EN
[54] **USE OF COUMARIN DERIVATIVES FOR THE PREPARATION OF DRUGS FOR TREATING SKIN DISEASES**
[54] **UTILISATION DE DERIVES DE COUMARIN DANS LA PREPARATION DE MEDICAMENTS POUR TRAITER DES MALADIES CUTANEES**
[72] REBOUD-RAVAUX, MICHELE, FR
[72] YERROUM-EL AMRI, CHAHRAZADE, FR
[72] TAN, XIAO, FR
[72] QIN, LIXIAN, FR
[72] PAGANO, MAURICE, FR
[72] HOVNANIAN, ALAIN, FR
[72] FURIO, LAETITIA, FR
[72] PIROTTE, BERNARD, BE
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[73] UNIVERSITE DE LIEGE, BE
[86] (2840678)
[87] (2840678)
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[51] **Int.Cl. A61F 2/06 (2013.01) A61F 2/90 (2013.01)**
[25] EN
[54] **VARIABLE POROSITY INTRAVASCULAR IMPLANT AND MANUFACTURING METHOD**
[54] **IMPLANT INTRAVASCULAIRE A POROSITE VARIABLE ET PROCEDE DE FABRICATION**
[72] LORENZO, JUAN A., US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2843959)
[87] (2843959)
[22] 2014-02-26
[30] US (13/795,127) 2013-03-12

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[54] **IR THERMOMETRY PROBE COVER**
[54] **COIFFE POUR SONDE DE THERMOMETRIE IR**
[72] LANE, JOHN A., US
[72] QUINN, DAVID E., US
[72] STONE, RAY D., US
[72] MARTIN, SCOTT A., US
[72] STROM, JOHN R., US
[72] MULLIN, MATTHEW D., US
[72] THRUSH, RICHARD, US
[72] MCDUFFIE, RICHARD G., US
[73] WELCH ALLYN, INC., US
[73] KAZ USA, INC., US
[85] 2014-01-31
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[54] **STRIPED STENT INTRODUCER**
[54] **APPAREIL D'INTRODUCTION D'ENDOPROTHESE RAYEE**
[72] SLAZAS, ROBERT, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2844344)
[87] (2844344)
[22] 2014-03-03
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[25] EN
[54] **POWER CONVERSION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONVERSION DE PUISSANCE**
[72] GARCES, LUIS JOSE, US
[72] ZHANG, RICHARD S., CN
[72] HARBOURT, CYRUS DAVID, US
[72] RITTER, ALLEN MICHAEL, US
[72] DATTA, RAJIB, US
[73] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[86] (2844939)
[87] (2844939)
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[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/00 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **OCCLUSIVE DEVICE DELIVERY SYSTEM WITH MECHANICAL DETACHMENT**
[54] **SYSTEME DE POSE DE DISPOSITIF POUR OCCLUSION A LIBERATION MECANIQUE**
[72] SLAZAS, ROBERT R., US
[72] LORENZO, JUAN A., US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2845853)
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[54] **POLYGONAL SECTION PISTON**
[54] **PISTON A SECTION POLYGONALE**
[72] DELANEY, FRANCOIS, CA
[73] DELANEY TECHNOLOGIES INC., CA
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[25] EN
[54] **PYRIDAZINONE COMPOUNDS AND THEIR USE AS DAAO INHIBITORS**
[54] **COMPOSES DE PYRIDAZINONE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA DAAO**
[72] FARNABY, WILLIAM, GB
[72] FIELDHOUSE, CHARLOTTE, GB
[72] HAZEL, KATHERINE, GB
[72] KERR, CATRINA, GB
[72] KINSELLA, NATASHA, GB
[72] LIVERMORE, DAVID, GB
[72] MERCHANT, KEVIN, GB
[72] MILLER, DAVID, GB
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2014-02-19
[86] 2012-08-21 (PCT/GB2012/000672)
[87] (WO2013/027000)
[30] GB (1114399.7) 2011-08-22
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[51] **Int.Cl. C04B 18/22 (2006.01)**
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[54] **CONCRETE SCREED WITH RECYCLED RUBBER FROM DISCARDED TYRES**
[54] **REGLE A BETON AVEC CAOUTCHOUC RECYCLE PROVENANT DE PNEUS JETES AU REBUT**
[72] MORBI, ALESSANDRO, IT
[72] MOLFETTA, MARCELLO ANTONIO, IT
[72] SGOBBA, SARA, IT
[73] ITALCEMENTI S.P.A., IT
[86] (2847317)
[87] (2847317)
[22] 2014-03-24
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[51] **Int.Cl. A61C 19/06 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR THE WHITENING OF TEETH**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR LE BLANCHIMENT DES DENTS**
[72] SANDERS, DANIEL, US
[72] SPECTOR, BEN ZION, IL
[73] MAVRIK DENTAL SYSTEMS, LTD., IL
[85] 2014-03-07
[86] 2012-09-11 (PCT/US2012/054652)
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[30] US (61/533,303) 2011-09-12
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[51] **Int.Cl. G10L 19/00 (2013.01) H04J 3/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, INFORMATION PROVISION DEVICE, AND INFORMATION PROVISION SYSTEM**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES, PROCEDE DE TRAITEMENT DE DONNEES, DISPOSITIF DE FOURNITURE DE DONNEES ET SYSTEME DE FOURNITURE DE DONNEES**
[72] NAKAMURA, HITOSHI, JP
[73] SONY CORPORATION, JP
[85] 2014-03-18
[86] 2012-08-27 (PCT/JP2012/071567)
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[30] JP (2011-250718) 2011-11-16

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[13] C
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[25] EN
[54] **METHOD AND APPARATUS FOR SUPPORTING CABLES WITHIN COILED TUBING**
[54] **METHODE ET APPAREIL DE SUPPORT DE CABLES DANS UN TUBE DE POMPAGE SPIRALE**
[72] CHALIFOUX, GERALD V., CA
[72] PENNY, SCOTT, CA
[72] JONES, CLINT, CA
[73] PETROSPEC ENGINEERING INC., CA
[86] (2849132)
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[25] EN
[54] **FOUNDATION STRUCTURE, WHICH CAN BE INSTALLED WITH A LOW LEVEL OF NOISE, FOR AN OFFSHORE PLANT, IN PARTICULAR AN OFFSHORE WIND ENERGY PLANT, AND ASSEMBLY METHOD THEREFOR**
[54] **CONSTRUCTION DE FONDATION, DESTINEE A ETRE INSTALLEE DE FACON SILENCIEUSE, D'UNE INSTALLATION EN MER, EN PARTICULIER D'UNE EOLIENNE EN MER ET PROCEDE DE MONTAGE ASSOCIE**
[72] DENKER, ANDREAS, DE
[72] GENGE, NICO, DE
[72] JOSAT, OLE, DE
[72] BRUNS, CLAAS, DE
[72] HOJDA, RALF, DE
[73] VALLOUREC DEUTSCHLAND GMBH, DE
[85] 2014-03-26
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[51] **Int.Cl. B01J 8/02 (2006.01) B01J 29/42 (2006.01) C07C 5/333 (2006.01)**
[25] EN
[54] **A CATALYST BED SYSTEM FOR AN ENDOTHERMIC CATALYTIC DEHYDROGENATION PROCESS AND AN ENDOTHERMIC DEHYDROGENATION PROCESS**
[54] **SYSTEME DE LIT CATALYTIQUE POUR PROCEDE DE DESHYDROGENATION CATALYTIQUE ENDOTHERME ET PROCEDE DE DESHYDROGENATION ENDOTHERME**
[72] WEYNE, KRISTOF, BE
[72] MATHIVANAN, GUHAN, AT
[73] BOREALIS AG, AT
[85] 2014-04-08
[86] 2012-10-22 (PCT/EP2012/070860)
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[51] **Int.Cl. E04F 15/024 (2006.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **PORTABLE DANCE FLOOR PANEL WITH FLOATING MAGNET RETENTION SYSTEM**
[54] **PANNEAU DE PLANCHER DE DANSE PORTATIF AVEC SYSTEME DE RETENUE D'AIMANTS FLOTTANTS**
[72] BOWERS, BRIAN, US
[72] HEATH, MITCHELL, US
[73] MITY-LITE, INC., US
[86] (2852895)
[87] (2852895)
[22] 2014-05-30
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[51] **Int.Cl. C09D 183/10 (2006.01) B05B 3/00 (2006.01) B05D 1/00 (2006.01)**
[25] EN
[54] **HIGH HARDNESS LOW SURFACE ENERGY COATING**
[54] **REVETEMENT TRES DUR A FAIBLE ENERGIE DE SURFACE**
[72] PALMATEER, DUANE R., US
[72] KILGOUR, JOHN A., US
[73] HARD COAT SURFACES LLC, US
[85] 2014-04-24
[86] 2011-10-29 (PCT/US2011/058488)
[87] (WO2012/058657)
[30] US (61/408,458) 2010-10-29

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[51] **Int.Cl. C25B 15/08 (2006.01) C25B 1/04 (2021.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR THE ELECTROCHEMICAL GENERATION OF OXYGEN AND/OR HYDROGEN**
[54] **APPAREIL ET PROCEDES DE PRODUCTION ELECTROCHIMIQUE D'OXYGENE ET/OU D'HYDROGENE**
[72] CRONIN, LEROY, GB
[72] SYMES, MARK, GB
[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB
[85] 2014-05-06
[86] 2012-11-08 (PCT/GB2012/052784)
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[25] EN
[54] **METHOD OF PREDICTING BREAST CANCER PROGNOSIS**
[54] **METHODE DE PREDICTION DU PRONOSTIC DU CANCER DU SEIN**
[72] BAKER, JOFFRE B., US
[72] SINICROPI, DOMINICK V., US
[72] PELHAM, ROBERT J., US
[72] CRAGER, MICHAEL, US
[72] COLLIN, FRANCOIS, US
[72] STEPHANS, JAMES C., US
[72] LIU, MEI-LAN, US
[72] MORLAN, JOHN, US
[72] QU, KUNBIN, US
[73] GENOMIC HEALTH, INC., US
[85] 2014-05-06
[86] 2012-11-02 (PCT/US2012/063313)
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[30] US (61/557,238) 2011-11-08
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[25] EN
[54] **GLUCOMANNAN SCAFFOLDING FOR THREE-DIMENSIONAL TISSUE CULTURE AND ENGINEERING**
[54] **ECHAFAUDAGE GLUCOMANNANE POUR CULTURE ET INGENIERIE TISSULAIRES TRIDIMENSIONNELLES**
[72] LEE, C. CHANG I., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2014-05-28
[86] 2012-11-29 (PCT/US2012/066982)
[87] (WO2013/082239)
[30] US (61/564,553) 2011-11-29

[11] **2,861,730**
[13] C
[51] **Int.Cl. G02F 1/1334 (2006.01) E06B 9/24 (2006.01) G02F 1/1339 (2006.01)**
[25] EN
[54] **MULTIPLE GLAZING WITH VARIABLE DIFFUSION BY LIQUID CRYSTALS AND METHOD OF MANUFACTURE THEREOF**
[54] **VITRAGE MULTIPLE A DIFFUSION VARIABLE PAR CRISTAUX LIQUIDES, SON PROCEDE DE FABRICATION**
[72] ZHANG, JINGWEI, FR
[72] GAYOUT, PATRICK, FR
[73] CARDINAL IG COMPANY, US
[85] 2014-06-26
[86] 2012-12-27 (PCT/FR2012/053088)
[87] (WO2013/098527)
[30] FR (1162540) 2011-12-29

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[13] C
[51] **Int.Cl. A61M 5/178 (2006.01) A61M 5/14 (2006.01) G01D 13/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR DELIVERING MEDICATION**
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT**
[72] HERNANDEZ, CALEB, US
[73] CERTA DOSE, INC., US
[85] 2014-07-28
[86] 2013-01-30 (PCT/US2013/023873)
[87] (WO2013/116353)
[30] US (61/593,674) 2012-02-01
[30] US (61/717,474) 2012-10-23

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[13] C
[51] **Int.Cl. G06K 17/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **CONVEYING SYSTEM AND METHOD OF ASSOCIATING DATA TO AN ITEM BEING TRANSPORTED BY THE CONVEYING SYSTEM**
[54] **SYSTEME DE TRANSPORT ET PROCEDE D'ASSOCIATION DE DONNEES A UN ARTICLE QUI EST TRANSPORTE PAR LE SYSTEME DE TRANSPORT**
[72] DANELSKI, DARIN LEE, US
[73] MATTHEWS RESOURCES, INC., US
[85] 2014-08-05
[86] 2013-02-01 (PCT/US2013/024349)
[87] (WO2013/116652)
[30] US (61/595,098) 2012-02-05

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[13] C
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 31/565 (2006.01) A61K 31/57 (2006.01) A61K 47/14 (2017.01) A61P 25/00 (2006.01)**
[25] EN
[54] **HORMONE CONTAINING EMULSION**
[54] **EMULSION CONTENANT DES HORMONES**
[72] KASPAR, ILONA, DE
[72] KRUGER, VOLKER, DE
[72] ROTHLEIN, DORIS, DE
[72] WOLF, MARTIN, DE
[72] SCHMITT, JURGEN, DE
[73] B. BRAUN MELSUNGEN AG, DE
[85] 2014-08-20
[86] 2013-02-25 (PCT/EP2013/053686)
[87] (WO2013/127728)
[30] EP (12157546.8) 2012-02-29

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[13] C
[51] **Int.Cl. B61C 3/00 (2006.01) B60L 50/10 (2019.01) H02P 9/04 (2006.01)**
[25] EN
[54] **AUXILIARY POWER UNIT ASSEMBLY AND METHOD OF USE**
[54] **ENSEMBLE GROUPE AUXILIAIRE DE PUISSANCE ET PROCEDE D'UTILISATION**
[72] FRAZIER, SCOTT RAYMOND, US
[72] PYKKONEN, KEVIN, US
[72] GINTER, KARL, US
[72] PRITCHARD, JEFFREY ORION, US
[73] BRIGHT ENERGY STORAGE TECHNOLOGIES, LLP, US
[85] 2014-08-28
[86] 2013-03-15 (PCT/US2013/032152)
[87] (WO2013/138734)
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[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/017 (2006.01) G08G 1/065 (2006.01)**
[25] EN
[54] **TRAFFIC SURVEILLANCE SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA CIRCULATION**
[72] CRONA, BJORN, SE
[73] KAPSCH TRAFFICCOM AB, SE
[86] (2866794)
[87] (2866794)
[22] 2014-09-29
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[51] **Int.Cl. B01D 17/025 (2006.01) E03C 1/12 (2006.01)**
[25] EN
[54] **AN OUTLET WELL COVER FOR AN IN-LINE GREASE INTERCEPTOR**
[54] **UN COUVERCLE DE PUITS DE PRODUCTION DESTINE A UN INTERCEPTEUR DE GRAISSE EN LIGNE**
[72] BIRD, ANDREW, CA
[72] PARKINSON, RICK, CA
[72] POUPORE, TIMOTHY JAMES, CA
[72] ARMSTRONG, STEVE, CA
[72] WILSON, MICHAEL F., CA
[73] CANPLAS INDUSTRIES LTD., CA
[86] (2866911)
[87] (2866911)
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[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/00 (2006.01) G06F 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING HRV AND RRV AND USE TO IDENTIFY POTENTIAL CONDITION ONSET**
[54] **PROCEDE ET SYSTEME POUR DETERMINER UNE VARIABILITE DE LA FREQUENCE CARDIAQUE (HRV) ET UNE VARIABILITE DE LA FREQUENCE RESPIRATOIRE (RRV) ET UTILISATION POUR IDENTIFIER UN DEBUT D' ETAT PATHOLOGIQUE POTENTIEL**
[72] CATLEY, CHRISTINA ANNE, CA
[72] MCGREGOR, CAROLYN PATRICIA, CA
[72] JAMES, ANDREW GIBSON, CA
[73] CATLEY, CHRISTINA ANNE, CA
[73] MCGREGOR, CAROLYN PATRICIA, CA
[73] JAMES, ANDREW GIBSON, CA
[85] 2014-09-10
[86] 2012-03-19 (PCT/CA2012/000243)
[87] (WO2012/122637)
[30] US (61/453,905) 2011-03-17

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[51] **Int.Cl. B64C 1/18 (2006.01)**
[25] FR
[54] **PROCESS FOR SECURING UNITARY FLOOR PANELS FOR A TRANSPORTATION VEHICLE, FLOOR AND AIRCRAFT INCLUDING SUCH A FLOOR**
[54] **PROCEDE DE SOLIDARISATION DE PANNEAUX MONOBLOCS DE PLANCHER POUR VEHICULE DE TRANSPORT, PLANCHER ET AERONEF COMPRENANT UN TEL PLANCHER**
[72] DELOUBES, MATHIEU, FR
[73] SOGECLAIR S.A., FR
[85] 2014-09-29
[86] 2013-03-28 (PCT/EP2013/000941)
[87] (WO2013/143701)
[30] FR (12/00968) 2012-03-30

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[51] **Int.Cl. A61L 15/46 (2006.01) A61L 15/42 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **AN ANTI-MICROBIAL DRESSING, AN ANTI-MICROBIAL COMPOSITION AND USE THEREOF**
[54] **PANSEMENT ANTIMICROBIEN, COMPOSITION ANTIMICROBIENNE ET UTILISATION DE CEUX-CI**
[72] PECORARI, GIANNI, IT
[73] EMODIAL S.R.L., IT
[85] 2014-10-02
[86] 2013-04-04 (PCT/IB2013/052712)
[87] (WO2013/150487)
[30] IT (BO2012A 000185) 2012-04-06

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[51] **Int.Cl. G03B 37/00 (2021.01) G03B 37/02 (2021.01) G03B 37/04 (2021.01)**
[25] EN
[54] **WIDE-FIELD OF VIEW (FOV) IMAGING DEVICES WITH ACTIVE FOVEATION CAPABILITY**
[54] **DISPOSITIFS D'IMAGERIE A GRAND CHAMP DE VISION (FOV) A CAPACITE DE FOVEATION ACTIVE**
[72] GAO, CHUNYU, US
[72] HUA, HONG, US
[73] MAGIC LEAP, INC, US
[85] 2014-10-03
[86] 2013-04-04 (PCT/US2013/035293)
[87] (WO2013/152205)
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[25] EN
[54] **INJECTABLE FORMULATION OF A BENZOTHIOPHENE COMPOUND FOR USE IN THE TREATMENT AND PREVENTION OF A CENTRAL NERVOUS SYSTEM DISORDER**
[54] **FORMULATION INJECTABLE D'UN COMPOSE DE BENZOTHIOPHENE A UTILISER DANS LETRAITEMENT ET LA PREVENTION D'UN DESORDRE DU SYSTEME NERVEUX CENTRAL**
[72] SATO, TETSUYA, JP
[72] MINOWA, TAKUYA, JP
[72] HOSHIKA, YUSUKE, JP
[72] TOYOFUKU, HIDEKAZU, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2014-10-21
[86] 2013-04-23 (PCT/JP2013/061950)
[87] (WO2013/161830)
[30] US (61/636,932) 2012-04-23
[30] US (61/791,896) 2013-03-15

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[51] **Int.Cl. A61F 2/12 (2006.01)**
[25] EN
[54] **BREAST IMPLANT SPACERS FOR THE TREATMENT OF PERIPROSTHETIC BREAST IMPLANT INFECTIONS**
[54] **ECARTEURS D'IMPLANTS MAMMAIRES POUR LE TRAITEMENT DES INFECTIONS PERIPROTHETIQUES DES IMPLANTS MAMMAIRES**
[72] KLEBUC, MICHAEL, US
[72] WELTER, ELIZABETH ANN, US
[73] COLD WINTER SOLUTIONS, L.L.C., US
[85] 2014-10-27
[86] 2013-04-18 (PCT/US2013/037064)
[87] (WO2013/162981)
[30] US (13/458,647) 2012-04-27

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[25] EN
[54] **METHOD OF CLEANING RESIDUAL PESTICIDE FROM AN AGRICULTURAL VESSEL**
[54] **PROCEDE DE NETTOYAGE DE PESTICIDE RESIDUEL D'UN CONTENEUR AGRICOLE**
[72] HERR, AMANDA C., US
[72] MORGENSTERN, DAVID A., US
[72] TAYLOR, JAMES W., US
[73] MONSANTO TECHNOLOGY, LLC, US
[85] 2014-10-28
[86] 2013-04-29 (PCT/US2013/038660)
[87] (WO2013/165905)
[30] US (61/640,999) 2012-05-01
[30] US (61/724,054) 2012-11-08

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[13] C
[51] **Int.Cl. B65D 5/22 (2006.01) B65D 5/24 (2006.01) B65D 5/44 (2006.01)**
[25] EN
[54] **BLANKS FOR CONTAINERS, AND CONTAINERS, BOXES, AND METHODS THEREOF**
[54] **FLANS POUR CONTENANTS ET CONTENANTS, BOITES ET PROCEDES ASSOCIES**
[72] SYLVESTER, SCOTT D., US
[73] MULTI PACKAGING SOLUTIONS, INC., US
[85] 2014-11-04
[86] 2013-03-13 (PCT/US2013/030671)
[87] (WO2013/169347)
[30] US (61/644,192) 2012-05-08

[11] **2,873,729**
[13] C
[51] **Int.Cl. G08B 17/10 (2006.01) G08B 17/103 (2006.01) G08B 19/00 (2006.01)**
[25] EN
[54] **SMOKE DETECTION UNIT CONTAINING REDUNDANT DETECTORS AND METHOD FOR FIXING THE SMOKE DETECTION UNIT**
[54] **MODULE DE DETECTION DE FUMEE CONTENANT DES DETECTEURS REDONDANTS ET PROCEDE POUR FIXER LEDIT MODULE**
[72] FRERE, LOIC, FR
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2873729)
[87] (2873729)
[22] 2014-12-05
[30] EP (13290306.3) 2013-12-09

[11] **2,873,808**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4745 (2006.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHODS AND USES FOR PROPROTEIN CONVERTASE SUBTILISIN KEXIN 9 (PCSK9) INHIBITORS**
[54] **PROCEDES ET UTILISATION D'INHIBITEURS DE LA PROPROTEINE CONVERTASE SUBTILISINE/KEXINE 9 (PCSK9)**
[72] WALLEY, KEITH R., CA
[72] BOYD, JOHN H., CA
[72] RUSSELL, JAMES A., CA
[73] ANJI PHARMACEUTICALS INC., US
[85] 2014-11-15
[86] 2013-05-17 (PCT/CA2013/000488)
[87] (WO2013/170367)
[30] US (61/648,319) 2012-05-17

[11] **2,875,618**
[13] C
[51] **Int.Cl. C12N 9/22 (2006.01) A61K 48/00 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF LYSOSOMAL STORAGE DISEASES**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES LYSOSOMALES**
[72] REBAR, EDWARD J., US
[73] SANGAMO THERAPEUTICS, INC., US
[85] 2014-12-03
[86] 2013-03-15 (PCT/US2013/032381)
[87] (WO2014/011237)
[30] US (61/670,463) 2012-07-11
[30] US (61/704,072) 2012-09-21

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[13] C
[51] **Int.Cl. B63B 1/10 (2006.01) B63B 1/12 (2006.01) B63B 29/12 (2006.01) B63C 11/49 (2006.01)**
[25] EN
[54] **SEMI SUBMARINE**
[54] **SEMI SOUS-MARIN**
[72] KUSTER, MARTIN, CH
[73] KUSTER, MARTIN, CH
[85] 2014-12-11
[86] 2013-06-14 (PCT/IB2013/054900)
[87] (WO2013/186760)
[30] US (61/659,859) 2012-06-14

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[13] C
[51] **Int.Cl. F24F 11/70 (2018.01) F24F 11/72 (2018.01) B08B 15/00 (2006.01) F24F 7/007 (2006.01) F24F 13/08 (2006.01) A61G 10/02 (2006.01)**
[25] EN
[54] **CONTROL MEANS OF CENTRAL FLOW SYSTEM AND CENTRAL FLOW SYSTEM**
[54] **MOYEN DE COMMANDE DE SYSTEME A ECOULEMENT CENTRAL ET SYSTEME A ECOULEMENT CENTRAL**
[72] LINDKVIST, ROBERT, SE
[72] SANDSTROM, BJORN, SE
[73] MEDICVENT AB, SE
[85] 2014-12-15
[86] 2013-06-11 (PCT/SE2013/050663)
[87] (WO2014/003628)
[30] SE (1250679-6) 2012-06-25

[11] **2,877,967**
[13] C
[51] **Int.Cl. C10B 49/00 (2006.01) C10B 53/00 (2006.01) F23G 5/027 (2006.01) F23G 5/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A PYROLYSIS PRODUCT**
[54] **PROCEDE ET APPAREIL POUR LA PRODUCTION D'UN PRODUIT DE PYROLYSE**
[72] LEHTO, JANI, FI
[73] VALMET TECHNOLOGIES OY, FI
[73] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
[85] 2014-12-29
[86] 2013-07-05 (PCT/FI2013/050737)
[87] (WO2014/006273)
[30] FI (20125784) 2012-07-06

[11] **2,878,047**
[13] C
[51] **Int.Cl. F16L 58/02 (2006.01) B29C 63/26 (2006.01) B29C 63/34 (2006.01) F16L 55/165 (2006.01)**
[25] EN
[54] **LINING OF PIPELINES TO OFFSHORE INSTALLATIONS**
[54] **REVETEMENT INTERIEUR D'OLEODUCS POUR INSTALLATIONS OFFSHORE**
[72] WALTERS, ROBERT, AE
[72] MUSTAPHA, MOHD ASHRI, MY
[73] PETROLIAM NASIONAL BERHAD (PETRONAS), MY
[85] 2014-12-29
[86] 2013-06-25 (PCT/MY2013/000117)
[87] (WO2014/003539)
[30] MY (PI2012002988) 2012-06-29

[11] **2,878,171**
[13] C
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **AAV-MEDIATED GENE THERAPY FOR RPGR X-LINKED RETINAL DEGENERATION**
[54] **THERAPIE GENIQUE INDUITE PAR VAA S'APPLIQUANT A LA DEGENERESCENCE RETINIENNE LIEE A L'X DE RPGR**
[72] BELTRAN, WILLIAM A., US
[72] AGUIRRE, GUSTAVO D., US
[72] JACOBSON, SAMUEL G., US
[72] CIDECIYAN, ARTUR V., US
[72] LEWIN, ALFRED S., US
[72] BOYE, SANFORD L., US
[72] HAUSWIRTH, WILLIAM W., US
[72] DENG, WEN-TAO, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2014-12-24
[86] 2013-01-23 (PCT/US2013/022628)
[87] (WO2014/011210)
[30] US (61/670,355) 2012-07-11

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[13] C
[51] **Int.Cl. E01C 13/08 (2006.01) E01C 3/00 (2006.01) E02D 17/20 (2006.01) E03F 1/00 (2006.01) E04D 11/00 (2006.01)**
[25] EN
[54] **PLANT SURFACE AND MODULES AND METHOD FOR FORMING THE SAME**
[54] **STRUCTURE ET MODULES DE SURFACE DE PLANTE ET PROCEDE DE FORMATION DE CEUX-CI**
[72] VAN RAAM, CAROLUS HERMANUS, NL
[72] SHUTTLEWORTH, ANDREW BRYAN, GB
[72] CULLETON, PAUL DAVID, GB
[73] PERMAVOID LIMITED, GB
[85] 2014-12-31
[86] 2013-07-05 (PCT/EP2013/064245)
[87] (WO2014/006180)
[30] NL (PCT/NL2012/050476) 2012-07-05

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[25] EN
[54] **ANISOTROPY PARAMETER ESTIMATION**
[54] **ESTIMATION DE PARAMETRE D'ANISOTROPIE**
[72] RENLI, LASSE, NO
[72] DUFFAUT, KENNETH, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2015-01-07
[86] 2012-07-10 (PCT/EP2012/063512)
[87] (WO2014/008931)

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[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/00 (2006.01) A61K 31/58 (2006.01) A61K 47/12 (2006.01) A61K 47/26 (2006.01) A61P 23/00 (2006.01)**
[25] EN
[54] **STABILIZED AQUEOUS COMPOSITIONS OF NEUROMUSCULAR BLOCKING AGENTS**
[54] **COMPOSITIONS AQUEUSES STABILISEES D'AGENTS DE BLOCAGE NEUROMUSCULAIRE**
[72] GIL BEJAR, JUAN, ES
[72] TIMONEDA RAMIA, CRISTINA, ES
[73] B. BRAUN MELSUNGEN AG, DE
[85] 2015-01-08
[86] 2013-09-19 (PCT/EP2013/069507)
[87] (WO2014/048836)
[30] EP (12186393.0) 2012-09-27

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[13] C
[51] **Int.Cl. A61K 31/194 (2006.01) A61P 37/02 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **SELECTIVE INHIBITION OF THE MEMBRANE ATTACK COMPLEX OF COMPLEMENT AND C3 CONVERTASE BY LOW MOLECULAR WEIGHT COMPONENTS OF THE AURIN TRICARBOXYLIC ACID SYNTHETIC COMPLEX**
[54] **INHIBITION SELECTIVE DU COMPLEXE D'ATTAQUE MEMBRANAIRE DU COMPLEMENT ET DE LA C3 CONVERTASE PAR DES COMPOSANTS A FAIBLE POIDS MOLECULAIRE DU COMPLEXE SYNTHETIQUE D'ACIDE PARAROSOL IQUE TRICARBOXYLIQUE**
[72] MCGEER, PATRICK L., CA
[72] LEE MOONHEE, CA
[72] SCHWAB, CLAUDIA, CA
[72] GUO, JIAN-PING, CA
[73] AURIN BIOTECH INC., CA
[85] 2015-01-09
[86] 2012-07-13 (PCT/IB2012/053608)
[87] (WO2014/009779)

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[13] C
[51] **Int.Cl. G02C 13/00 (2006.01)**
[25] FR
[54] **METHOD FOR MEASURING THE GEOMETRIC MORPHOMETRIC PARAMETERS OF A PERSON WEARING GLASSES**
[54] **PROCEDE DE MESURE DE PARAMETRES MORPHO-GEOMETRIQUES D'UN INDIVIDU PORTEUR DE LUNETTES**
[72] DIVO, FABIEN, FR
[72] PINAULT, PHILIPPE, FR
[72] CONDAT, CHRISTOPHE, FR
[72] HADDADI, AHMED, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2015-01-20
[86] 2013-07-18 (PCT/FR2013/051746)
[87] (WO2014/016502)
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[51] **Int.Cl. H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGES, PROCEDE DE DECODAGE D'IMAGES, APPAREIL DE CODAGE D'IMAGES, APPAREIL DE DECODAGE D'IMAGES ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGES**
[72] ESENLIK, SEMIH, DE
[72] NARROSCHKE, MATTHIAS, DE
[72] WEDI, THOMAS, DE
[73] VELOS MEDIA INTERNATIONAL LIMITED, IE
[85] 2015-02-05
[86] 2013-09-19 (PCT/JP2013/005541)
[87] (WO2014/050038)
[30] US (61/705,846) 2012-09-26
[30] US (61/711,892) 2012-10-10

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[51] **Int.Cl. C22B 3/20 (2006.01) B01D 53/50 (2006.01) B01D 53/80 (2006.01) C22B 19/00 (2006.01)**
[25] EN
[54] **RECOVERY OF ZINC FROM LEAD SLAG**
[54] **RECUPERATION DE ZINC A PARTIR DE SCORIES DE PLOMB**
[72] VOIGT, PAUL, AU
[73] GLENCORE QUEENSLAND LIMITED, AU
[85] 2015-02-09
[86] 2013-08-06 (PCT/AU2013/000865)
[87] (WO2014/022882)
[30] AU (2012903394) 2012-08-07

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[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/27 (2006.01) H04L 1/24 (2006.01) H04L 27/36 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 3/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 3/15 ET UN MAPPAGE A 64 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[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
[86] (2882456)
[87] (2882456)
[22] 2015-02-19
[30] KR (10-2015-0012879) 2015-01-27

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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 4/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 4/15 ET UN MAPPAGE A 64 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[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
[86] (2882459)
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[22] 2015-02-19
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[51] **Int.Cl. C25B 3/26 (2021.01) C25B 11/053 (2021.01) C25B 15/08 (2006.01)**
[25] EN
[54] **PROCESS AND HIGH SURFACE AREA ELECTRODES FOR THE ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE**
[54] **PROCESSUS ET ELECTRODES A SURFACE ELEVEE POUR REDUCTION ELECTROCHIMIQUE DE DIOXYDE DE CARBONE**
[72] KACZUR, JERRY J., US
[72] KRAMER, THEODORE J., US
[72] KEYSHAR, KUNTTAL, US
[72] MAJSZTRIK, PAUL, US
[72] TWARDOWSKI, ZBIGNIEW, CA
[73] AVANTIUM KNOWLEDGE CENTRE B.V., NL
[85] 2015-02-25
[86] 2013-08-05 (PCT/US2013/053554)
[87] (WO2014/042781)
[30] US (61/701,237) 2012-09-14
[30] US (61/703,232) 2012-09-19
[30] US (61/703,234) 2012-09-19
[30] US (61/703,231) 2012-09-19
[30] US (61/703,229) 2012-09-19
[30] US (61/703,238) 2012-09-19
[30] US (61/703,175) 2012-09-19
[30] US (61/703,158) 2012-09-19
[30] US (61/703,187) 2012-09-19
[30] US (61/720,670) 2012-10-31
[30] US (13/724,885) 2012-12-21

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[13] C
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[25] EN
[54] **ELECTROCHEMICAL REDUCTION OF CO2 WITH CO-OXIDATION OF AN ALCOHOL**
[54] **REDUCTION ELECTROCHIMIQUE DU CO2AVEC CO-OXYDATION D'UN ALCOOL**
[72] TEAMEY, KYLE, US
[72] KACZUR, JERRY J., US
[72] COLE, EMILY BARTON, US
[72] MAJSZTRIK, PAUL, US
[72] SIVASANKAR, NARAYANAPPA, US
[72] BOCARSLY, ANDREW B., US
[73] AVANTIUM KNOWLEDGE CENTRE B.V., NL
[85] 2015-03-03
[86] 2013-08-05 (PCT/US2013/053607)
[87] (WO2014/046798)
[30] US (61/703,238) 2012-09-19
[30] US (61/703,175) 2012-09-19
[30] US (61/703,232) 2012-09-19
[30] US (61/703,234) 2012-09-19
[30] US (61/703,231) 2012-09-19
[30] US (61/703,158) 2012-09-19
[30] US (61/703,229) 2012-09-19
[30] US (61/703,187) 2012-09-19
[30] US (61/720,670) 2012-10-31
[30] US (13/724,231) 2012-12-21

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[13] C
[51] **Int.Cl. F16K 1/36 (2006.01) F16K 1/46 (2006.01)**
[25] EN
[54] **SEAL DISK ASSEMBLY FOR A FLUID REGULATOR**
[54] **ENSEMBLE SEGMENT D'ETANCHEITE POUR UN REGULATEUR DE DEBIT DE FLUIDE**
[72] MEVIUS, JASON S., US
[73] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
[85] 2015-02-26
[86] 2013-09-12 (PCT/US2013/059353)
[87] (WO2014/043293)
[30] US (13/618,013) 2012-09-14

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[13] C
[51] **Int.Cl. A23G 1/40 (2006.01) A23G 3/42 (2006.01) B65D 75/38 (2006.01) B65D 85/60 (2006.01)**
[25] EN
[54] **HEAT RESISTANT CHOCOLATE**
[54] **CHOCOLAT RESISTANT A LA CHALEUR**
[72] GLAZIER, BARRY, US
[72] WILD, KARYN, US
[72] WENTZEL, JOANNA, US
[72] MYERS, MARY, US
[72] HESS, MARILYN, US
[72] LEASE, SHIRLEY, US
[72] HAUSMAN, DAVID, US
[73] MARS, INCORPORATED, US
[85] 2015-03-03
[86] 2013-09-24 (PCT/US2013/061400)
[87] (WO2014/052312)
[30] US (61/707,330) 2012-09-28
[30] US (61/789,863) 2013-03-15

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/53 (2006.01) A61P 1/16 (2006.01) A61P 3/06 (2006.01) A61P 5/14 (2006.01)**
[25] EN
[54] **METHOD OF SYNTHESIZING THYROID HORMONE ANALOGS AND POLYMORPHS THEREOF**
[54] **PROCEDE DE SYNTHESE D'ANALOGUES DE L'HORMONE THYROIDIENNE ET DE SES POLYMORPHES**
[72] HESTER, D. KEITH, US
[72] DUGUID, ROBERT J., US
[72] KELLY, MARTHA, US
[72] CHASNOFF, ANNA, US
[72] DONG, GANG, US
[72] CROW, EDWIN L., US
[72] TAUB, REBECCA, US
[72] REYNOLDS, CHARLES H., US
[72] CHOI, DUK SOON, US
[72] SHU, LIANHE, US
[72] WANG, PING, US
[73] MADRIGAL PHARMACEUTICALS, INC., US
[73] F. HOFFMANN-LA ROCHE LTD., CH
[85] 2015-03-10
[86] 2013-09-17 (PCT/US2013/060177)
[87] (WO2014/043706)
[30] US (61/702,137) 2012-09-17
[30] US (61/790,432) 2013-03-15

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[13] C
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 31/506 (2006.01) A61K 47/12 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING THERAPEUTIC NANOPARTICLES**
[54] **PROCEDE DE PREPARATION DE NANOPARTICULES THERAPEUTIQUES**
[72] FIGUEIREDO, MARIA, US
[72] PEEKE, ERICK, US
[72] DEWITT, DAVID, US
[72] VAN GEEN HOVEN, CHRISTINA, US
[72] TROIANO, GREG, US
[72] WRIGHT, JAMES, US
[72] SONG, YOUNG-HO, US
[72] WANG, HONG, US
[73] PFIZER INC., US
[85] 2015-03-16
[86] 2013-09-16 (PCT/US2013/059936)
[87] (WO2014/043618)
[30] US (61/702,037) 2012-09-17

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[51] **Int.Cl. E01F 13/02 (2006.01) E01F 13/00 (2006.01)**
[25] EN
[54] **IMPROVED A-FRAME STAND**
[54] **SUPPORT DE CADRE EN A AMELIORE**
[72] GODIN, CLARENCE, CA
[73] GODIN, CLARENCE, CA
[86] (2885468)
[87] (2885468)
[22] 2015-03-20
[30] US (61/968,299) 2014-03-20

[11] **2,885,573**
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[51] **Int.Cl. C08G 59/18 (2006.01) B01J 31/00 (2006.01) C08K 5/06 (2006.01) C08K 5/16 (2006.01) C08L 63/00 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **SUPRAMOLECULAR INITIATOR FOR LATENT CATIONIC EPOXY POLYMERIZATION**
[54] **INITIATEUR SUPRAMOLECULAIRE POUR POLYMERISATION CATIONIQUE LATENTE D'EPOXY**
[72] VIDIL, THOMAS, FR
[72] TOURNILHAC, FRANCOIS-GENES, FR
[72] LEIBLER, LUDWIK, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] FONDS DE L'ESPCI-GEORGES CHARPAK, FR
[85] 2015-03-19
[86] 2013-08-20 (PCT/US2013/055663)
[87] (WO2014/046828)
[30] US (61/704,234) 2012-09-21
[30] US (13/964,878) 2013-08-12

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[13] C
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/407 (2006.01)**
[25] EN
[54] **UREIDO-THIOPHENYL DERIVATIVES, COMPOSITIONS THEREOF AND METHODS FOR PREVENTING, TREATING AND/OR PROTECTING AGAINST SENSORY HAIR CELL DEATH**
[54] **DERIVES DE THIOPHENYLE-UREIDO, LEURS COMPOSITIONS ET PROCEDES DE PREVENTION, DE TRAITEMENT ET/OU DE PROTECTION CONTRE LA MORT DES CELLULES CILIEES SENSORIELLES**
[72] RUBEL, EDWIN, US
[72] SIMON, JULIAN, US
[72] CHEN, XINCHAO, US
[72] CHOWDHURY, SARWAT, US
[72] HERR, R. JASON, US
[72] JIANG, QIN, US
[72] OWENS, KELLY N., US
[72] RAIBLE, DAVID, US
[72] JOHNSON, GRAHAM, US
[73] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[73] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2015-03-23
[86] 2013-09-27 (PCT/US2013/062440)
[87] (WO2014/052914)
[30] US (61/707,767) 2012-09-28
[30] US (61/784,410) 2013-03-14

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[13] C
[51] **Int.Cl. B23D 67/12 (2006.01) B23D 71/04 (2006.01)**
[25] EN
[54] **MULTI-SURFACE OBJECT END MANUAL FILING TOOL**
[54] **OUTIL DE REMPLISSAGE MANUEL DE L'EXTREMITE D'UN OBJET MULTISURFACE**
[72] URSULIAK, TARAS Z., CA
[73] URSULIAK, TARAS Z., CA
[86] (2887174)
[87] (2887174)
[22] 2015-04-07
[30] US (14/246,473) 2014-04-07

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[13] C
[51] **Int.Cl. C10L 10/04 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **DIESEL FUEL COMPOSITION WITH REDUCED ZINC UPTAKE**
[54] **COMPOSITION DE CARBURANT DIESEL A ABSORPTION DE ZINC REDUITE**
[72] WOOLARD, CHRISTOPHER, ZA
[72] VELAERS, ADRIAN JAMES, ZA
[73] SASOL TECHNOLOGY (PTY) LTD, ZA
[85] 2015-04-10
[86] 2013-10-30 (PCT/ZA2013/000081)
[87] (WO2014/075112)
[30] ZA (2012/08153) 2012-10-30

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[51] **Int.Cl. G06K 9/78 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS**
[54] **PROCEDES ET AGENCEMENTS POUR IDENTIFIER DES OBJETS**
[72] RODRIGUEZ, TONY F., US
[72] BAI, YANG, US
[72] CALHOON, SEAN, US
[72] CONWELL, WILLIAM Y., US
[72] EVANS, ERIC D., US
[72] FILLER, TOMAS, US
[72] FOOTEN, MARC G., US
[72] MACINTOSH, BRIAN T., US
[72] STACH, JOHN, US
[73] DIGIMARC CORPORATION, US
[85] 2015-04-10
[86] 2013-10-21 (PCT/US2013/065958)
[87] (WO2014/063157)
[30] US (61/716,223) 2012-10-19
[30] US (61/716,591) 2012-10-21
[30] US (61/724,854) 2012-11-09
[30] US (13/750,752) 2013-01-25
[30] US (13/946,968) 2013-07-19

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[13] C
[51] **Int.Cl. G02B 5/18 (2006.01) G02B 21/36 (2006.01) G02B 27/42 (2006.01)**
[25] EN
[54] **OPTICAL INSTRUMENTS WITH DIFFRACTIVE ELEMENTS**
[54] **INSTRUMENTS OPTIQUES COMPORTANT UN ELEMENT DIFFRACTIF**
[72] MERCER, GRAHAM PETER FRANCIS, GB
[73] VISION ENGINEERING LIMITED, GB
[85] 2015-04-13
[86] 2013-04-12 (PCT/EP2013/057715)
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[30] EP (12250161.2) 2012-10-12

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[51] **Int.Cl. B65G 47/51 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR ACCUMULATING AND TRANSFERRING**
[54] **DISPOSITIF ET PROCEDE D'ACCUMULATION ET DE TRANSFERT**
[72] PETROVIC, ZMAJ, FR
[73] SIDEL PARTICIPATIONS S.A.S., FR
[85] 2015-04-24
[86] 2013-11-07 (PCT/FR2013/052658)
[87] (WO2014/076390)
[30] FR (12 60926) 2012-11-16
[30] FR (13 53421) 2013-04-16

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[51] **Int.Cl. H04N 21/482 (2011.01) H04H 60/81 (2009.01) H04N 21/431 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **ON-DEMAND ACCESS TO SCHEDULED CONTENT**
[54] **ACCES A LA DEMANDE A DU CONTENU PROGRAMME**
[72] FAY, LUKE, US
[72] SHINTANI, PETER, US
[73] SONY CORPORATION, JP
[85] 2015-05-01
[86] 2013-10-25 (PCT/US2013/066881)
[87] (WO2014/074330)
[30] US (61/724,583) 2012-11-09

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[13] C
[51] **Int.Cl. G01B 9/02 (2006.01)**
[25] EN
[54] **OCT SYSTEM WITH TUNABLE CLOCK SYSTEM FOR FLEXIBLE DATA ACQUISITION**
[54] **SYSTEME OCT A SYSTEME D'HORLOGE ACCORDABLE POUR ACQUISITION DE DONNEES FLEXIBLE**
[72] JOHNSON, BARTLEY C., US
[72] FLANDERS, DALE C., US
[73] EXCELITAS TECHNOLOGIES CORP., US
[85] 2015-05-06
[86] 2013-09-25 (PCT/US2013/061724)
[87] (WO2014/074240)
[30] US (13/670,935) 2012-11-07

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[13] C
[51] **Int.Cl. A47C 31/12 (2006.01) A61G 5/10 (2006.01)**
[25] EN
[54] **MEASUREMENT JIG**
[54] **DISPOSITIF DE MESURE**
[72] PITT, JOHN, GB
[73] ROMA MEDICAL AIDS LIMITED, GB
[85] 2015-05-11
[86] 2013-11-08 (PCT/GB2013/052944)
[87] (WO2014/076457)
[30] GB (1220645.4) 2012-11-16
[30] GB (1307769.8) 2013-04-30

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[13] C
[51] **Int.Cl. G05B 19/042 (2006.01) F24F 11/50 (2018.01) G08C 15/06 (2006.01) H03K 12/00 (2006.01)**
[25] EN
[54] **HVAC CONTROLLER HAVING MULTIPLEXED INPUT SIGNAL DETECTION AND METHOD OF OPERATION THEREOF**
[54] **CONTROLEUR CVCA DOTE D'UNE FONCTION DE DETECTION DE SIGNAL D'ENTREE MULTIPLEXE ET METHODE DE FONCTIONNEMENT ASSOCIEE**
[72] HADZIDEDIC, DARKO, US
[72] MURUGESAN, SAKTHI NARAYAN KUMAR, IN
[72] RAJAPPAN, ANITHA, IN
[73] LENNOX INDUSTRIES INC., US
[86] (2891173)
[87] (2891173)
[22] 2015-05-13
[30] US (62/000,355) 2014-05-19
[30] US (14/692,350) 2015-04-21

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[13] C
[51] **Int.Cl. H01M 50/44 (2021.01) H01M 10/0525 (2010.01) H01M 50/491 (2021.01)**
[25] EN
[54] **SINGLE-LAYER MICROPOROUS POLYMERIC LITHIUM-ION BATTERY SEPARATORS**
[54] **SEPARATEURS DE BATTERIE AU LITHIUM-ION POLYMERE MICROPOREUX COMPOSES D'UNE SEULE COUCHE**
[72] MORIN, BRIAN G., US
[73] DREAMWEAVER INTERNATIONAL, INC., US
[85] 2015-05-12
[86] 2013-11-14 (PCT/US2013/070197)
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[54] **HANDLE ASSEMBLY**
[54] **ENSEMBLE POIGNEE**
[72] LEONG, WILLIAM, US
[72] MAGUIRE, CARY, US
[72] BEVAN, GLENN, AU
[72] ROUGHEN, CRAIG, AU
[73] TELEZYGOLOGY, INC., US
[85] 2015-05-21
[86] 2013-11-21 (PCT/US2013/071135)
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[51] **Int.Cl. H01H 9/00 (2006.01) H01H 19/56 (2006.01)**
[25] EN
[54] **TRANSFORMER TAPPING ARRANGEMENT AND METHODS OF OPERATION OF SAME**
[54] **SYSTEME DE CHANGEMENT DE PRISES DE TRANSFORMATEURS ET PROCEDES D'UTILISATION DU SYSTEME**
[72] CHEN, MIN, GB
[73] CHEN, MIN, GB
[73] HOU, JIANPING, CA
[73] CHEN, ZHENG, CA
[73] HORNE, ROY, GB
[73] FISHMAN, DAVID SIMON, GB
[85] 2015-05-26
[86] 2013-12-03 (PCT/GB2013/000525)
[87] (WO2014/087123)
[30] GB (1221737.8) 2012-12-03
[30] GB (1310339.5) 2013-06-11

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[51] **Int.Cl. B63C 7/26 (2006.01) B63C 9/32 (2006.01)**
[25] EN
[54] **RECOVERY DEVICE**
[54] **APPAREIL DE RECUPERATION**
[72] NAUGHTON, CHAD, CA
[73] NAUGHTON, CHAD, CA
[86] (2893860)
[87] (2893860)
[22] 2015-06-02

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[51] **Int.Cl. G06F 8/61 (2018.01) G06F 8/71 (2018.01)**
[25] EN
[54] **MANAGING SOFTWARE SUITE COMPONENT VERSIONS**
[54] **GESTION DE VERSIONS DE COMPOSANTS DE SUITE LOGICIELLE**
[72] JUDGE, FRANCIS PATRICK, US
[72] DOUDKIN, KATERINA, US
[73] BLACKBERRY LIMITED, CA
[86] (2894094)
[87] (2894094)
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[25] FR
[54] **MICROBAROMETER WITH A BELLOWS AND WITH AN INTERFEROMETRIC TRANSDUCER**
[54] **MICROBAROMETRE A SOUFFLET ET A TRANSDUCTEUR INTERFEROMETRIQUE**
[72] OLIVIER, SERGE, FR
[72] PONCEAU, DAMIEN, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-06-10
[86] 2013-12-18 (PCT/FR2013/053168)
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[25] EN
[54] **LIQUEFIED GAS PRODUCTION FACILITY**
[54] **INSTALLATION DE PRODUCTION DE GAZ LIQUEFIE**
[72] AKIYAMA, KEIJI, JP
[72] WAKAMATSU, YOSHIHISA, JP
[72] TAKEZAWA, NAOYUKI, JP
[72] KITABAYASHI, TAKAHIRO, JP
[72] SEIWA, MASAHITO, JP
[72] KAKUTANI, YUZURU, JP
[72] HIRATA, TAKASHI, JP
[72] KUBOTA, KEI, JP
[73] JGC CORPORATION, JP
[85] 2015-06-11
[86] 2013-12-27 (PCT/JP2013/007682)
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[25] EN
[54] **DELIVERY AND RECOVERY APPARATUS, METHOD, AND APPLICATIONS**
[54] **APPAREIL DE DISTRIBUTION ET DE RECUPERATION, PROCEDE ET APPLICATIONS**
[72] JEWELL, STEPHEN W., US
[73] MAGSEIS FF LLC, US
[85] 2015-06-12
[86] 2013-12-10 (PCT/US2013/074027)
[87] (WO2014/093292)
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[25] EN
[54] **NEUROACTIVE 19-ALKOXY-17-SUBSTITUTED STEROIDS, PRODRUGS THEREOF, AND METHODS OF TREATMENT USING SAME**
[54] **STEROIDES NEUROACTIFS 19-ALCOXY-17-SUBSTITUES, PROMEDICAMENTS ASSOCIES ET METHODES DE TRAITEMENT LES UTILISANT**
[72] COVEY, DOUGLAS, US
[72] ROBICHAUD, ALBERT JEAN, US
[73] WASHINGTON UNIVERSITY, US
[73] SAGE THERAPEUTICS, INC., US
[85] 2015-06-17
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[54] **ENHANCED RELIABILITY FOR SATELLITE DATA DELIVERY**
[54] **FIABILITE AMELIOREE POUR DISTRIBUTION DE DONNEES PAR SATELLITE**
[72] BEALS, WILLIAM MICHAEL, US
[73] DISH TECHNOLOGIES L.L.C., US
[85] 2015-06-18
[86] 2013-12-27 (PCT/US2013/077914)
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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **MEDICATION SAFETY DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE SECURITE PHARMACEUTIQUE**
[72] ADAMS, GRANT, US
[72] WILKOWSKE, ERIC, US
[72] BLOOMQUIST, ALISON, US
[73] SMITHS MEDICAL ASD, INC., US
[85] 2015-06-19
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[30] US (61/757,587) 2013-01-28
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[25] EN
[54] **WEATHER BARRIER FOR A BUILDING PENETRATION**
[54] **BARRIERE CONTRE LES INTEMPERIES DESTINEE A UNE OUVERTURE DE BATIMENT**
[72] COSCARELLA, GABE, CA
[73] COSCARELLA, GABE, CA
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[87] (2896296)
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[25] EN
[54] **METHOD FOR PRODUCING AN INSULATED PIPE IN CORRUGATED CASING**
[54] **PROCEDE DE PRODUCTION D'UN TUYAU ISOLE DANS UNE GAINE ONDULEE**
[72] BRONNUM, THOMAS, DK
[72] PEDERSEN, MARTIN, DK
[73] LOGSTOR A/S, DK
[85] 2015-07-06
[86] 2014-02-07 (PCT/EP2014/052462)
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[54] **WHEELS FOR NON-MOTORIZED VEHICLES**
[54] **ROUES POUR VEHICULES NON MOTORISES**
[72] MCKAY, JOHN C., US
[73] GATEKEEPER SYSTEMS, INC., US
[85] 2015-07-06
[86] 2014-02-25 (PCT/US2014/018382)
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[25] EN
[54] **TWO-LIQUID DISPENSING SYSTEMS, REFILLS AND TWO-LIQUID PUMPS**
[54] **SYSTEMES DE DISTRIBUTION DE DEUX LIQUIDES, UNITES DE REMPLISSAGE ET POMPE A DEUX LIQUIDES**
[72] TEDEROUS, CORY J., US
[72] CIAVARELLA, NICK E., US
[73] GOJO INDUSTRIES, INC., US
[85] 2015-07-09
[86] 2014-01-02 (PCT/US2014/010008)
[87] (WO2014/113218)
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[54] **VIDEO CONFERENCE VIRTUAL ENDPOINTS**
[54] **TERMINAUX VIRTUELS DE VIDEOCONFERENCE**
[72] DAHLE, HAKON, NO
[72] CHAMBERLIN, GILES RUSSEL, GB
[72] HASHIM, HANI MUSTAFA ELSAYED ABDELKADER, NO
[73] CISCO TECHNOLOGY, INC., US
[85] 2015-07-10
[86] 2014-02-21 (PCT/EP2014/053421)
[87] (WO2014/135383)
[30] NO (20130330) 2013-03-04
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING PREPAID CARDS**
[54] **SYSTEME ET PROCEDE DE GESTION DE CARTES PREPAYEES**
[72] LAM, KAM, US
[72] HYLTON, ANTHONY, US
[72] MATTHEWS, MARK, US
[73] WALMART APOLLO, LLC, US
[85] 2015-07-17
[86] 2014-01-17 (PCT/US2014/012005)
[87] (WO2014/113647)
[30] US (13/744,768) 2013-01-18

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[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/56 (2006.01) A61C 3/00 (2006.01) B25B 23/153 (2006.01)**
[25] EN
[54] **FORTIFIED PLASTIC CONNECTOR MOUNT FOR DISPOSABLE DEVICES**
[54] **MONTAGE DE RACCORD EN MATIERE PLASTIQUE RENFORCE POUR DISPOSITIFS A USAGE UNIQUE**
[72] IVINSON, DAVID, US
[72] NINO, JOHN, US
[73] ECA MEDICAL INSTRUMENTS, US
[85] 2015-07-22
[86] 2014-01-15 (PCT/US2014/011719)
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[30] US (61/755,640) 2013-01-23

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[51] **Int.Cl. A61M 5/168 (2006.01)**
[25] EN
[54] **FLUID FLOW MEASUREMENT AND CONTROL**
[54] **MESURE ET COMMANDE DE DEBIT DE FLUIDE**
[72] AMBROSINA, JESSE E., US
[72] POWERS, BENJAMIN G., US
[72] SHAJII, ALI, US
[73] IVENIX, INC., US
[85] 2015-07-29
[86] 2014-02-03 (PCT/US2014/014467)
[87] (WO2014/123816)
[30] US (61/761,109) 2013-02-05

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[13] C
[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL AN ARCHITECTURAL OPENING COVERING ASSEMBLY**
[54] **PROCEDES ET APPAREIL POUR COMMANDER UN ENSEMBLE DE COUVERTURE D'OUVERTURE ARCHITECTURALE**
[72] COLSON, WENDELL B., US
[72] FOGARTY, DANIEL M., US
[73] HUNTER DOUGLAS INC., US
[85] 2015-08-04
[86] 2014-03-14 (PCT/US2014/028534)
[87] (WO2014/152983)
[30] US (61/786,228) 2013-03-14

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[51] **Int.Cl. H01T 2/02 (2006.01) H01T 4/06 (2006.01) H01T 4/10 (2006.01) H01T 4/14 (2006.01)**
[25] EN
[54] **OVERVOLTAGE PROTECTION FOR POWER SYSTEMS**
[54] **PROTECTION CONTRE LES SURTENSIONS POUR DES SYSTEMES D'ALIMENTATION ELECTRIQUE**
[72] FUCHS, GREG, US
[72] ANDERSON, GEORGE, US
[72] VOLNA, BILL, US
[72] NORDLING, GALE, US
[72] JENSEN, WALLACE, US
[72] JACKSON, DAVID B., US
[72] FAXVOG, FREDERICK R., US
[72] RUEHL, JAMES NICHOLAS, US
[73] EMPRIMUS, LLC, US
[85] 2015-08-11
[86] 2014-02-19 (PCT/US2014/017161)
[87] (WO2014/130552)
[30] US (61/767,143) 2013-02-20
[30] US (61/817,762) 2013-04-30
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **N-(4-(AZAINDAZOL-6-YL)-PHENYL)-SULFONAMIDES AND THEIR USE AS PHARMACEUTICALS**
[54] **N-(4-(AZAINDAZOL-6-YL)PHENYL)SULFONAMIDES ET LEUR UTILISATION COMME PRODUITS PHARMACEUTIQUES**
[72] NAZARE, MARC, DE
[72] HALLAND, NIS, DE
[72] SCHMIDT, FRIEDEMANN, DE
[72] KLEEMANN, HEINZ-WERNER, DE
[72] WEISS, TILO, DE
[72] SAAS, JOACHIM, DE
[72] STRUEBING, CARSTEN, DE
[73] SANOFI, FR
[85] 2015-08-17
[86] 2014-03-12 (PCT/EP2014/054770)
[87] (WO2014/140065)
[30] EP (13305283.7) 2013-03-13

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[51] **Int.Cl. G06F 3/0488 (2013.01) B60K 35/00 (2006.01) B60R 16/02 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **TOUCH SENSOR CONTROLLER RESPONSIVE TO ENVIRONMENTAL OPERATING CONDITIONS**
[54] **CONTROLEUR DE CAPTEUR TACTILE QUI REAGIT AUX CONDITIONS D'UTILISATION**
[72] CONWAY, JEROME, US
[72] DUTTON, MARCUS, US
[73] L-3 COMMUNICATIONS CORPORATION, US
[85] 2015-08-17
[86] 2013-12-04 (PCT/US2013/073104)
[87] (WO2014/089202)
[30] US (61/733,102) 2012-12-04

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[13] C
[51] **Int.Cl. A63B 71/08 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **MOUTHGUARD WITH SELECTIVE FLAVOR COMPONENTS**
[54] **PROTEGE-DENTS AVEC COMPOSANTS D'AROMES SELECTIFS**
[72] TURKBAS, JAY, US
[73] SHOCK DOCTOR, INC., US
[85] 2015-08-26
[86] 2014-02-26 (PCT/US2014/018756)
[87] (WO2014/134199)
[30] US (61/769,384) 2013-02-26
[30] US (61/769,382) 2013-02-26

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[51] **Int.Cl. C04B 24/26 (2006.01) C08F 220/28 (2006.01)**
[25] EN
[54] **POLYCARBOXYLATE ETHERS WITH BRANCHED SIDE CHAINS**
[54] **ETHERS DE POLYCARBOXYLATE A CHAINES LATERALES RAMIFIEES**
[72] DENGLER, JOACHIM, DE
[72] KRAUS, ALEXANDER, DE
[72] AL-HELLANI, RABIE, DE
[72] MUELLER-CRISTADORO, ANNA, DE
[72] FLAKUS-TAUBE, SILKE, DE
[72] ZEMINIAN, NICOLETTA, IT
[72] ROS, IDA, IT
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2015-09-02
[86] 2014-02-04 (PCT/EP2014/052085)
[87] (WO2014/135318)
[30] EP (13158019.3) 2013-03-06

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[13] C
[51] **Int.Cl. H02G 3/04 (2006.01) H02G 3/02 (2006.01)**
[25] EN
[54] **CLAMP DEVICE FOR CABLE TRAY ASSEMBLY**
[54] **DISPOSITIF DE SERRAGE POUR ENSEMBLE CHEMIN DE CABLES**
[72] SHELTON, TRAVIS, US
[73] EATON INTELLIGENT POWER LIMITED, IE
[85] 2015-09-04
[86] 2013-12-27 (PCT/US2013/078028)
[87] (WO2014/137461)
[30] US (61/774,245) 2013-03-07

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[13] C
[51] **Int.Cl. G01N 19/00 (2006.01) G01N 1/28 (2006.01) G01N 33/48 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **APPARATUS, CARTRIDGE AND METHOD FOR HEMOSTASIS TESTING**
[54] **APPAREIL, CARTOUCHE ET PROCEDE DE DEPISTAGE DE L'HEMOSTASE**
[72] DELMENICO, PETER, US
[72] LOPEZ-ESPINA, CARLOS G., US
[72] RAVIV, GABRIEL, US
[73] CORAMED TECHNOLOGIES, LLC, US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/028589)
[87] (WO2014/144259)
[30] US (61/792,349) 2013-03-15

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[13] C
[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **PROSTHETIC KNEE IMPLANT**
[54] **IMPLANT DE GENOU PROTHETIQUE**
[72] TODD, DWIGHT, US
[72] STOLLER, ALEX, US
[72] BOBBA, ARAVINDA, US
[72] KUMAR, HARISH, US
[73] ZIMMER, INC., US
[85] 2015-09-10
[86] 2014-03-07 (PCT/US2014/021955)
[87] (WO2014/150038)
[30] US (61/784,521) 2013-03-14

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[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/10 (2006.01) B32B 5/12 (2006.01) B32B 5/26 (2006.01)**
[25] EN
[54] **FLEXIBLE COMPOSITE SYSTEMS AND METHODS**
[54] **SYSTEMES COMPOSITES FLEXIBLES ET PROCEDES**
[72] ADAMS, CHRISTOPHER MICHAEL, US
[72] HATCHER, WESLEY EDWARD, US
[72] MCDANIELS, KEITH JOEL, US
[73] DSM IP ASSETS B.V., NL
[85] 2015-09-11
[86] 2014-03-13 (PCT/US2014/026796)
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[30] US (61/780,821) 2013-03-13

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[13] C
[51] **Int.Cl. A61M 1/00 (2006.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SUCTION DEVICE FOR NORMAL AND VISCOUS MATERIALS**
[54] **DISPOSITIF D'ASPIRATION POUR MATIERES NORMALES ET VISQUEUSES**
[72] GURU, KHURSHID, US
[72] CHOWRIAPPA, ASHIRWAD, US
[73] HEALTH RESEARCH, INC., US
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/029702)
[87] (WO2014/145052)
[30] US (61/798,677) 2013-03-15

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[51] **Int.Cl. A61M 60/113 (2021.01) A61M 60/268 (2021.01) A61M 60/40 (2021.01) A61M 60/50 (2021.01) A61M 1/16 (2006.01) A61M 1/36 (2006.01) F04B 43/02 (2006.01) F04B 43/14 (2006.01)**
[25] EN
[54] **BLOOD TREATMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE SANG**
[72] WILT, MICHAEL J., US
[72] VAN DER MERWE, DIRK A., US
[72] DALE, JAMES D., US
[72] TRACEY, BRIAN D., US
[72] GRANT, KEVIN L., US
[72] DEMERS, JASON A., US
[72] FLYNN, CATHARINE N., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/029509)
[87] (WO2014/144909)
[30] US (61/793,275) 2013-03-15

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[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/08 (2006.01) A61M 16/06 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING LOW-NOISE POSITIVE AIRWAY PRESSURE**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PRODUIRE UNE PRESSION POSITIVE A FAIBLE NIVEAU DE BRUIT POUR LES VOIES RESPIRATOIRES**
[72] LIBRETT, KEVIN SCOTT, US
[72] LEINSING, KARL R., US
[73] HUMAN DESIGN MEDICAL, LLC, US
[85] 2015-09-15
[86] 2014-03-17 (PCT/US2014/030705)
[87] (WO2014/145869)
[30] US (61/798,367) 2013-03-15
[30] US (61/798,541) 2013-03-15
[30] US (61/798,462) 2013-03-15

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[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **INTERACTIVELY PLANNING A WELL SITE**
[54] **PLANIFICATION INTERACTIVE D'UN SITE DE PUITS**
[72] CHENG, YAO-CHOU, US
[72] URIBE, RUBEN D., US
[72] FREEMAN, DOUG H., US
[72] ALBA, CHRISTOPHER A., US
[72] SEQUEIRA, JOSE J., JR., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-09-18
[86] 2014-05-23 (PCT/US2014/039343)
[87] (WO2014/200685)
[30] US (61/833,159) 2013-06-10

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[13] C
[51] **Int.Cl. C23F 14/02 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **IMPROVED NEUTRALIZATION AND REMOVAL OF ACIDS IN HVAC SYSTEMS THROUGH THE USE OF DRYING AGENTS**
[54] **NEUTRALISATION ET ELIMINATION AMELIOREES D'ACIDES DANS DES SYSTEMES DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT D'AIR (CVCA) EN UTILISANT DES AGENTS ANTI-HYGROSCOPIQUES**
[72] APPLER, PAUL CLARENCE, CA
[72] HOMENUIK, JESSE, CA
[72] HILL, NORMA, CA
[72] CRANTON, GEORGE E., CA
[73] ALLTEMP PRODUCTS COMPANY LIMITED, CA
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[54] **SIMULATION SANS QUADRILLAGE D'UN ENVIRONNEMENT FLUVIODELTAIQUE**
[72] YARUS, JEFFREY MARC, US
[72] SRIVASTAVA, RAE MOHAN, CA
[72] MAUCEC, MARKO, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **SELECTING AN UPLINK-DOWNLINK CONFIGURATION FOR A CLUSTER OF CELLS**
[54] **SELECTION D'UNE CONFIGURATION DE LIAISON MONTANTE-LIAISON DESCENDANTE POUR UN GROUPE DE CELLULES**
[72] WANG, YIPING, US
[72] SONG, YI, US
[72] LI, JUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2015-10-09
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[54] **SYSTEM AND METHOD FOR TRACKING SMS MESSAGES**
[54] **SYSTEME ET PROCEDE POUR SUIVRE DES MESSAGES SMS**
[72] MOSHIR, KEVIN K., US
[72] MOSHIR, SEAN, US
[72] ARMSTRONG, JAY M., US
[72] PANICKO, BRIAN STANLEY, US
[73] CELLTRUST CORPORATION, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR VERIFICATION OF SECURITY TAG DETACHMENT**
[54] **SYSTEMES ET PROCEDES POUR LA VERIFICATION DE LA SEPARATION D'ETIQUETTES DE SECURITE**
[72] HALL, STEWART E., US
[72] MAITIN, STEVEN R., US
[73] SENSORMATIC ELECTRONICS LLC, US
[85] 2015-10-15
[86] 2014-03-11 (PCT/US2014/023723)
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[54] **SUPPORT PLATFORM FOR SEATING APPLIANCE**
[54] **PLATEFORME DE SUPPORT POUR APPAREIL DE SIEGE**
[72] PITT, JOHN, GB
[73] ROMA MEDICAL AIDS LIMITED, GB
[85] 2015-10-22
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[54] **AUTOMATIC BLANKING COMPLETION TOOL**
[54] **OUTIL DE COMPLETION D'OBTURATION AUTOMATIQUE**
[72] JORDAN, LESLIE ERIC, GB
[73] ZENITH OILFIELD TECHNOLOGY LIMITED, GB
[85] 2015-10-22
[86] 2014-05-01 (PCT/GB2014/051366)
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[54] **DOSAGE FORMS FOR ORAL ADMINISTRATION OF ACTIVE SUBSTANCES**
[54] **FORMES PHARMACEUTIQUES POUR L'ADMINISTRATION ORALE DE SUBSTANCES ACTIVES**
[72] GIULIANI, GIAMMARIA, IT
[72] BENEDUSI, ANNA, IT
[72] MASCOLO, ANTONIO, IT
[72] LIMITONE, ANTONIO, IT
[73] GIULIANI S.P.A., IT
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[54] **CHROMATOGRAPHIC PROCESS FOR THE PRODUCTION OF HIGHLY PURIFIED POLYUNSATURATED FATTY ACIDS**
[54] **PROCEDE CHROMATOGRAPHIQUE POUR LA PRODUCTION D'ACIDES GRAS POLYINSATURES HAUTEMENT PURIFIES**
[72] VALERY, ERIC, FR
[72] ADAM, PHILIPPE, FR
[72] BLEHAUT, JEAN, FR
[73] GROUPE NOVASEP, FR
[85] 2015-11-02
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[54] **PROCESS FOR UPGRADING BIOMASS DERIVED PRODUCTS USING LIQUID-LIQUID EXTRACTION**
[54] **PROCEDE DE VALORISATION DE PRODUITS DERIVES D'UNE BIOMASSE, PAR UTILISATION D'UNE EXTRACTION LIQUIDE-LIQUIDE**
[72] SANCHEZ, VICENTE, US
[72] MOORE, BRENT, US
[72] SMITH, ED, US
[73] MARD, INC., US
[85] 2015-11-04
[86] 2014-04-29 (PCT/US2014/035804)
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[54] **A METHOD OF MEASURING CANCER RELATED SUBSTANCES BY RAMAN SPECTROSCOPY**
[54] **UNE METHODE DE QUANTIFICATION RAMAN DE SUBSTANCES ASSOCIEES AU CANCER**
[72] ITO, HIROAKI, JP
[72] HASEGAWA, YUKI, JP
[72] HASEGAWA, KATSUYUKI, JP
[73] MYTECH CO., LTD., JP
[85] 2015-11-04
[86] 2014-05-08 (PCT/JP2014/062318)
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[54] **USTENSILE PERMETTANT DE TENIR ET DE COUPER DES ALIMENTS AVEC UNE SEULE MAIN**
[72] OLIVAL, ROBERTO ALEXANDER, PT
[73] OLIVAL, ROBERTO ALEXANDER, PT
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[54] **POLYMERIC MATERIALS**
[54] **MATERIAUX POLYMERES**
[72] OVEREND, ANDREW, GB
[72] CAMPBELL, IAN, GB
[72] JONES, BRIAN, GB
[73] COLORMATRIX HOLDINGS, INC., US
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[54] **METHOD AND ARRANGEMENT FOR MEASURING TIMBER**
[54] **PROCEDE ET SYSTEME DE MESURE DU BOIS**
[72] EINOLA, KALLE, FI
[72] MIETTINEN, MIKKO, FI
[72] MOILANEN, TUOMO, FI
[73] PONSSE OYJ, FI
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[25] EN
[54] **METHOD FOR PRODUCING RENAL PROGENITOR CELLS AND DRUG COMPRISING THE SAME**
[54] **PROCEDE DE PRODUCTION DE CELLULES PRECURSEURS RENALES ET MEDICAMENT CONTENANT DES CELLULES PRECURSEURS RENALES**
[72] OSAFUNE, KENJI, JP
[72] TOYOHARA, TAKAFUMI, JP
[72] YAMAGISHI, YUKIKO, JP
[73] KYOTO UNIVERSITY, JP
[73] ASTELLAS PHARMA INC., JP
[85] 2015-12-10
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[54] **YIELD MONITORING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE SURVEILLANCE DE RENDEMENT**
[72] KOCH, JUSTIN, US
[72] STRNAD, MICHAEL, US
[73] PRECISION PLANTING LLC, US
[85] 2015-12-11
[86] 2014-06-23 (PCT/US2014/043741)
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[54] **METHOD FOR PREPARING DIOXYHETEROCYCLE-BASED ELECTROCHROMIC POLYMERS**
[54] **PROCEDE DE PREPARATION DE POLYMERES ELECTROCHROMIQUES DIOXYHETEROCYCLIQUES**
[72] REYNOLDS, JOHN R., US
[72] ESTRADA, LEANDRO, US
[72] DEININGER, JAMES, US
[72] ARROYAVE-MON-DRAGON, FRANK ANTONIO, US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[73] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **SLIDING WINDOW ASSEMBLY**
[54] **ENSEMBLE FENETRE COULISSANTE**
[72] NIELSEN, LARS SOGAARD, AU
[72] MCKENNA, RICHARD JAMES, AU
[73] ANEETA WINDOW SYSTEMS (VIC) PTY LTD, AU
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[54] **MANUAL OPERATION DEVICE FOR LOW VOLTAGE SWITCHING APPARATUS**
[54] **APPAREIL DESTINE AU FONCTIONNEMENT MANUEL D'APPAREIL DE COMMUTATION FAIBLE TENSION**
[72] ZHOU, MI, CN
[72] SHEN, DI, CN
[72] YOU, ANSHUN, CN
[72] QU, DEGANG, CN
[72] LI, ZHEN, CN
[73] SEARI ELECTRIC TECHNOLOGY CO., LTD., CN
[73] ZHEJIANG CHINT ELECTRICS CO., LTD., CN
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[54] **ULTRASOUND TRANSDUCER**
[54] **TRANSDUCTEUR A ULTRASONS**
[72] SARTRE, BERNARD, FR
[72] SAILLANT, JEAN-FRANCOIS, FR
[73] AREVA NP, FR
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[54] **MEDIUM VOLTAGE HYBRID AIR/LIQUID COOLED ADJUSTABLE FREQUENCY DRIVE**
[54] **ENTRAINEMENT HYBRIDE A FREQUENCE REGLABLE REFROIDI PAR AIR/LIQUIDE A MOYENNE TENSION**
[72] BROUSSARD, HARRY, US
[72] FARR, THOMAS ARTHUR, US
[73] EATON INTELLIGENT POWER LIMITED, IE
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[54] **SYSTEME DE PROTECTION DE PATIENT POUR UN LIT REGLABLE**
[72] DEESE, KENNETH A., US
[73] DEESE, KENNETH A., US
[85] 2015-12-24
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[54] **TRANSMITTER APPARATUS AND SIGNAL PROCESSING METHOD THEREOF**
[54] **APPAREIL TRANSMETTEUR ET PROCEDE DE TRAITEMENT DU SIGNAL CORRESPONDANT**
[72] JEONG, HONG-SIL, KR
[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-01-05
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[30] US (61/864,758) 2013-08-12
[30] KR (10-2013-0125664) 2013-10-21
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[30] KR (10-2014-0026298) 2014-03-05
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[54] **DEVICE FOR COOLING OIL FOR A TURBINE ENGINE**
[54] **DISPOSITIF DE REFROIDISSEMENT D'HUILE POUR UNE TURBOMACHINE**
[72] MULLER, JEAN-LOUIS, FR
[72] MOUTON, PIERRE CHARLES, FR
[73] SNECMA, FR
[85] 2016-01-08
[86] 2014-07-10 (PCT/FR2014/051775)
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[54] **ADJUSTABLE HELMET FOR A HOCKEY OR LACROSSE PLAYER**
[54] **CASQUE REGLABLE POUR JOUEUR DE HOCKEY OU DE CROSSE**
[72] DUROCHER, JACQUES, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[73] BAUER HOCKEY LTD., CA
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[25] EN
[54] **SEPARATIONS WITH IONIC LIQUID SOLVENTS**
[54] **SEPARATIONS A L'AIDE DE SOLVANTS LIQUIDES IONIQUES**
[72] JI, LEI, US
[72] CHANG, AI-FU, US
[72] TIMKEN, HYE-KYUNG, US
[72] DRIVER, MICHAEL, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **OPERATING SYSTEM INTEGRATED DOMAIN MANAGEMENT**
[54] **GESTION DE DOMAINE INTEGRE AVEC SYSTEME D'EXPLOITATION**
[72] MAIN, ALEXANDER JAMES, CA
[72] PUDERER, JAMES HENRY ALLAN, CA
[73] CIS MAXWELL, LLC, US
[85] 2016-02-11
[86] 2014-08-11 (PCT/CA2014/050761)
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[54] **LOAD CENTER MONITOR WITH OPTICAL WAVEGUIDE SHEET**
[54] **DISPOSITIF DE SURVEILLANCE DE TABLEAU DE REPARTITION COMPORTANT UNE FEUILLE DE GUIDE D'ONDES OPTIQUES**
[72] MEEHLEDER, STEVE M., US
[72] SHARP, JEFFREY O., US
[73] SCHNEIDER ELECTRIC USA, INC., US
[85] 2016-02-12
[86] 2013-09-26 (PCT/US2013/061886)
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[25] EN
[54] **PSEUDO PHASE PRODUCTION SIMULATION: A SIGNAL PROCESSING APPROACH TO ASSESS QUASI-MULTIPHASE FLOW PRODUCTION VIA SUCCESSIVE ANALOGOUS STEP-FUNCTION RELATIVE PERMEABILITY CONTROLLED MODELS IN RESERVOIR FLOW SIMULATION IN ORDER TO RANK MULTIPLE PETRO-PHYSICAL REALIZATIONS**
[54] **SIMULATION DE PRODUCTION DE PSEUDO-PHASE: UNE APPROCHE DE TRAITEMENT DE SIGNAL A L'ESTIMATION DE PRODUCTION A ECOULEMENT QUASI-POLYPHASIQUE PAR LE BIAIS DE MODELES COMMANDES PAR L A PERMEABILITE RELATIVE A FONCTION ECHELON ANALOGIQUE EN SIMULATION D'ECOULEMENT DE RESERVOIR DE MANIERE A CLASSER DE MULTIPLES REALISATIONS PETROPHYSIQUES**
[72] SMITH, TRACE BOONE, US
[72] RAMSAY, TRAVIS ST. GEORGE, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-02-15
[86] 2013-09-16 (PCT/US2013/059983)
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[25] EN
[54] **COMPOSITE COMPRESSOR BLADE FOR AN AXIAL-FLOW TURBOMACHINE**
[54] **PALE DE COMPRESSEUR EN COMPOSITE DESTINEE A UNE TURBOMACHINE A FLUX AXIAL**
[72] CORTEQUISSE, JEAN-FRANCOIS, BE
[73] SAFRAN AERO BOOSTERS SA, BE
[86] (2921439)
[87] (2921439)
[22] 2016-02-19
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[54] **ABNORMAL AIRCRAFT RESPONSE MONITOR**
[54] **UNITE DE SURVEILLANCE DES REPONSES ANORMALES D'UN AERONEF**
[72] BURTE, GREGORY, CA
[73] BOMBARDIER INC., CA
[73] AIRBUS CANADA LIMITED PARTNERSHIP, CA
[85] 2016-02-17
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[54] **ELECTRONIC THROTTLE SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PAPILLON DES GAZ ELECTRONIQUE DESTINE A UN AVION**
[72] NOUHAUD, CHRISTOPHE, CA
[73] BOMBARDIER INC., CA
[85] 2016-02-17
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[54] **SECURITY TAG FOR APPLICATION TO FOOTWEAR**
[54] **ETIQUETTE DE SECURITE A APPLIQUER SUR DES CHAUSSURES**
[72] FORD, JOHN C., US
[72] FORD, KALEY, US
[72] LUO, DANHUI, US
[72] NGUYEN, THANG TAT, US
[72] TURGEON, CHARLES T., US
[73] SENSORMATIC ELECTRONICS LLC, US
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[54] **SYSTEMS AND ASSOCIATED METHODS FOR PRODUCING A 3D SONAR IMAGE**
[54] **SYSTEMES ET METHODES ASSOCIEES DESTINES A LA PRODUCTION D'IMAGE SONAR 3D**
[72] PROCTOR, ALAN LEE, US
[72] PARKS, DAVID AUSTIN, US
[72] HORNER, RONALD JOE, US
[73] NAVICO HOLDING AS, NO
[86] (2922713)
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRESBYOPIA**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE LA PRESBYTIE**
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[72] NORDAN, LEE, US
[73] PRESBYOPIA THERAPIES, INC., US
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[54] **ELEVATION CONVEYANCE SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE TRANSPORT D'ELEVATION**
[72] MCSWAIN, R. KEVIN, CA
[73] MAVIRO CATALYST CANADA INC., CA
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[25] EN
[54] **PRODUCTION OF LOW CLOUD POINT DIESEL FUELS AND LOW FREEZE POINT JET FUELS**
[54] **PRODUCTION DE CARBURANTS DIESEL A BAS POINT DE TROUBLE ET CARBUREACTEURS A BAS POINT DE CONGELATION**
[72] SHIH, STUART S., US
[72] HILBERT, TIMOTHY LEE, US
[72] LOPEZ, CARLOS N., US
[72] MCCARTHY, STEPHEN J., US
[72] NOVAK, WILLIAM J., US
[72] XU, XIAOCHUN, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] FR
[54] **PROGRAMMABLE MODULE FOR A MODULAR INSTALLATION OF SIGNAL TRANSMITTERS AND METHOD OF DRIVING THE INSTALLATION**
[54] **MODULE PROGRAMMABLE POUR UNE INSTALLATION MODULAIRE D'EMETTEURS DE SIGNAUX ET PROCEDE DE PILOTAGE DE L'INSTALLATION**
[72] NIEBERT, PETER, FR
[72] CARALP, MATHIEU, FR
[73] UNIVERSITE D'AIX MARSEILLE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2016-03-18
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[54] **PROCESS FOR PREPARING NON-LECITHIN EMULSIFIER-FREE EDIBLE FAT-CONTINUOUS EMULSIONS**
[54] **PROCEDE DE PREPARATION D'EMULSIONS CONTINUES COMESTIBLES SANS EMULSIFIANT SANS LECITHINE**
[72] ADEL, RUDI DEN, NL
[72] DOL, GEORG CHRISTIAN, NL
[72] GREBENKAMPER, KAI, NL
[72] LEENHOUTS, ABRAHAM, NL
[72] POTMAN, RONALD PETER, NL
[72] SMIT-KINGMA, IRENE ERICA, NL
[72] TIO, FARLEY FERDINAND, NL
[73] UPFIELD EUROPE B.V., NL
[85] 2016-03-23
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[54] **TURBINE-PUMP SYSTEM**
[54] **SYSTEME DE TURBINE-POMPE**
[72] BASKI, HENRY, US
[73] BASKI, INC., US
[85] 2016-03-23
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[54] **AMBIENT TEMPERATURE DECONTAMINATION OF NUCLEAR POWER PLANT COMPONENT SURFACES CONTAINING RADIONUCLIDES IN A METAL OXIDE**
[54] **DECONTAMINATION A TEMPERATURE AMBIANTE DE SURFACES D'ELEMENT DE CENTRALE NUCLEAIRE CONTENANT DES RADIONUCLEIDES DANS UN OXYDE METALLIQUE**
[72] CRYTZER, KURTIS R., US
[72] IKEDA, LAUREN R., US
[72] VITALE, NICOLE D., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2016-04-05
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[54] **VELOCITY-BASED CONTROL OF END EFFECTOR**
[54] **CONTROLE FONDE SUR LA VITESSE DESTINE A UN EFFECTEUR D'EXTREMITE**
[72] RASZGA, CALIN, US
[72] ROBER, DARYL I., US
[72] VELDE, TODD F., US
[73] DEERE & COMPANY, US
[86] (2926648)
[87] (2926648)
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[25] EN
[54] **METHOD AND SYSTEM FOR DIAGNOSING A CONDITION OF AN ENGINE USING LUBRICATING FLUID ANALYSIS**
[54] **METHODE ET SYSTEME DE DIAGNOSTIC D'UN ETAT D'UN MOTEUR AU MOYEN DE L'ANALYSE DES LIQUIDES LUBRIFIANTS**
[72] JEAN, MAURICE, CA
[72] MEILLEUR, DANIEL, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2927683)
[87] (2927683)
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[25] EN
[54] **DEUTERATED DIAMINOPYRIMIDINE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS COMPRISING SUCH COMPOUNDS**
[54] **COMPOSES DIAMINOPYRIMIDINES DEUTERIES, ET COMPOSITIONS PHARMACEUTIQUES COMPRENANT CES COMPOSES**
[72] LV, BINHUA, CN
[72] LI, CHENGWEI, CN
[72] CAO, BENWEN, CN
[72] PANG, XUDONG, CN
[73] SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD., CN
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[25] FR
[54] **BEARING HOLDER HAVING A AXISYMMETRIC SEALABLE GIMLET**
[54] **SUPPORT DE PALIER A VRILLE D'ETANCHEITE AXISYMETRIQUE**
[72] NOEL, FREDERIC, FR
[72] DEBRAY, BENOIT ARGEMIRO MATTHIEU, FR
[72] DE SOUSA, MARIO CESAR, FR
[72] GHOSAROSSIAN-PRILLIEUX, GREGORY, FR
[72] POMMIER, NICOLAS, FR
[73] SNECMA, FR
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[86] 2014-11-18 (PCT/FR2014/052952)
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[54] **A CELL COMPRISING MORE THAN ONE CHIMERIC ANTIGEN RECEPTOR**
[54] **CELLULE COMPRENANT PLUS D'UN RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] PULE, MARTIN, GB
[72] KONG, KHAI, GB
[72] CORDOBA, SHAUN, GB
[73] AUTOLUS LIMITED, GB
[85] 2016-05-10
[86] 2014-11-21 (PCT/GB2014/053453)
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[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVING THE RELIABILITY OF ORTHOGONALLY REDUNDANT SENSORS**
[54] **PROCEDES ET SYSTEMES POUR AMELIORER LA FIABILITE DE DETECTEURS ORTHOGONALEMENT REDONDANTS**
[72] VARSAVSKY, ANDREA, US
[72] LI, XIAOLONG, US
[72] LIU, MIKE C., US
[72] ZHONG, YUXIANG, US
[72] YANG, NING, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2016-05-27
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[30] US (14/261,011) 2014-04-24
[30] US (14/261,043) 2014-04-24
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[54] **APPARATUS FOR USE IN WELL ABANDONMENT**
[54] **APPAREIL A UTILISER DANS L'ABANDON DE PUITS**
[72] CARRAGHER, PAUL, GB
[73] BISN TEC LTD, GB
[85] 2016-06-16
[86] 2013-12-20 (PCT/GB2013/053397)
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[51] **Int.Cl. A01C 7/10 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A SINGULATOR IN AN AGRICULTURAL IMPLEMENT AND AGRICULTURAL IMPLEMENT COMPRISING SUCH SINGULATOR**
[54] **PROCEDE DE COMMANDE D'UN SEPARATEUR DANS UN INSTRUMENT AGRICOLE ET INSTRUMENT AGRICOLE COMPRENANT LEDIT SEPARATEUR**
[72] FRANSSON, JORGEN, SE
[72] STARK, CRISTER, SE
[73] VADERSTAD HOLDING AB, SE
[85] 2016-06-16
[86] 2014-12-18 (PCT/SE2014/051537)
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[25] EN
[54] **BICALUTAMIDE ANALOGS OR (S)-BICALUTAMIDE AS EXOCYTOSIS ACTIVATING COMPOUNDS FOR USE IN THE TREATMENT OF A LYSOSOMAL STORAGE DISORDER OR GLYCOGENOSIS**
[54] **ANALOGUES DE BICALUTAMIDE OU (S)-BICALUTAMIDE EN TANT QUE COMPOSES ACTIVANT L'EXOCYTOSE DESTINES AU TRAITEMENT DE TROUBLE DE SURCHARGE LYSOSOMALE OU DE GLYCOGENOSE**
[72] FARRERA-SINFREU, JOSEP, ES
[72] MATALONGA BORREL, LESLIE, ES
[72] GORT MAS, LAURA, ES
[72] PASCUAL MARTINEZ, ROBERTO, ES
[72] FERRER MONTIEL, ANTONIO, ES
[72] RIBES RUBIO, ANTONIA, ES
[72] PONSATI OBIOLS, BERTA, ES
[73] BCN PEPTIDES, S.A., ES
[85] 2016-06-21
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[87] (WO2015/097088)
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[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL APPARATUS FOR DELIVERING RF AND/OR MICROWAVE ENERGY INTO BIOLOGICAL TISSUE**
[54] **APPAREIL ELECTROCHIRURGICAL POUR DELIVRER UNE ENERGIE RF ET/OU HYPERFREQUENCE DANS UN TISSU BIOLOGIQUE**
[72] EBBUTT, JULIAN MARK, GB
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] MORRIS, STEVEN, GB
[72] WHITE, MALCOLM, GB
[72] SAUNDERS, BRIAN, GB
[73] CREO MEDICAL LIMITED, GB
[85] 2016-06-22
[86] 2014-12-31 (PCT/GB2014/053857)
[87] (WO2015/101787)
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[51] **Int.Cl. B64C 9/00 (2006.01) B64C 3/18 (2006.01) B64C 3/38 (2006.01) B64C 9/02 (2006.01)**
[25] EN
[54] **MITIGATION OF SURFACE DISCONTINUITIES BETWEEN FLIGHT CONTROL SURFACES AND AN AIRFRAME OF AN AIRCRAFT**
[54] **ATTENUATION DES DISCONTINUITES DE SURFACE ENTRE LES SURFACES DE COMMANDE DE VOL ET UN FUSELAGE D'UN AERONEF**
[72] LOYET, JESSICA, US
[72] PITT, DALE M., US
[73] THE BOEING COMPANY, US
[86] (2935181)
[87] (2935181)
[22] 2016-07-05
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[25] EN
[54] **MODIFIED NATURAL KILLER CELLS, COMPOSITIONS AND USES THEREOF**
[54] **LYMPHOCYTE T TUEUR MODIFIE, COMPOSITIONS EN CONTENANT ET LEURS UTILISATIONS**
[72] LIAO, NAN-SHIH, TW
[72] LEE, JAN-MOU, TW
[73] ACADEMIA SINICA, TW
[85] 2016-06-29
[86] 2014-12-23 (PCT/CA2014/051264)
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED ANALYSIS OF OUTPUT IN SINGLE PARTICLE INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY AND SIMILAR DATA SETS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE AUTOMATIQUE DE SORTIE DE SPECTROMETRIE DE MASSE A PLASMA A COUPLAGE INDUCTIF A PARTICULE UNIQUE ET D'ENSEMBLES DE DONNEES SIMILAIRES**
[72] BAZARGAN, SAMAD, CA
[72] BADIEI, HAMID, CA
[73] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2016-08-03
[86] 2014-02-14 (PCT/US2014/016588)
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[13] C
[51] **Int.Cl. C12M 1/38 (2006.01)**
[25] EN
[54] **PCR DEVICE PROVIDED WITH UNIDIRECTIONAL SLIDING MEANS AND PCR METHOD USING SAME**
[54] **DISPOSITIF DE PCR POURVU DE MOYEN DE COULISSEMENT UNIDIRECTIONNELS ET METHODE PCR L'UTILISANT**
[72] KIM, SUNG WOO, KR
[73] NANOBIOSYS INC., KR
[85] 2016-08-08
[86] 2015-02-09 (PCT/KR2015/001291)
[87] (WO2015/119470)
[30] KR (10-2014-0014777) 2014-02-10

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/135 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A STABLE LOW CONCENTRATION, INJECTABLE SOLUTION OF NORADRENALINE**
[54] **PROCEDE DE FABRICATION D'UNE SOLUTION INJECTABLE STABLE DE NORADRENALINE A FAIBLE CONCENTRATION**
[72] MITIDIERI, AUGUSTO, CH
[72] DONATI, ELISABETTA, IT
[72] CARONZOLO, NICOLA, CH
[73] SINTETICA S.A., CH
[85] 2016-08-22
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[87] (WO2015/128418)
[30] IT (MI 2014 A 000306) 2014-02-27

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[51] **Int.Cl. H02J 7/00 (2006.01) B60L 53/60 (2019.01) B60L 53/62 (2019.01)**
[25] EN
[54] **CHARGING DEVICE, CHARGING CONTROL METHOD, ELECTRICITY STORAGE DEVICE, POWER STORAGE DEVICE, POWER SYSTEM, AND ELECTRIC VEHICLE**
[54] **DISPOSITIF DE CHARGE, PROCEDE DE COMMANDE DE CHARGE, DISPOSITIF DE STOCKAGE D'ELECTRICITE, DISPOSITIF DE STOCKAGE D'ENERGIE, SYSTEME D'ALIMENTATION ET VEHICULE ELECTRIQUE**
[72] SUGENO, NAOYUKI, JP
[72] ASAI, HISATO, JP
[72] KUMAGAI, EIJI, JP
[72] IMAMURA, NORITOSHI, JP
[72] UMETSU, KOJI, JP
[73] MURATA MANUFACTURING CO., LTD., JP
[85] 2016-08-31
[86] 2015-03-18 (PCT/JP2015/001495)
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[30] JP (2014-078088) 2014-04-04

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[25] EN
[54] **CONVERTER DEVICE AND SYSTEM INCLUDING CONVERTER DEVICE**
[54] **DISPOSITIF CONVERTISSEUR ET SYSTEME COMPRENANT UN DISPOSITIF CONVERTISSEUR**
[72] PRIEST, EDWARD, US
[73] BLACK DIAMOND VIDEO, INC., US
[85] 2016-09-02
[86] 2015-03-03 (PCT/US2015/018546)
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[30] US (61/947,934) 2014-03-04

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[51] **Int.Cl. B08B 9/023 (2006.01) B08B 9/027 (2006.01)**
[25] EN
[54] **CANNULATED INSTRUMENT FLUSHING AND CLEANING INSTRUMENT**
[54] **INSTRUMENT DE RINCAGE ET DE NETTOYAGE D'UN INSTRUMENT A CANULE**
[72] KRAUSE, WILLIAM R., US
[73] FLEX TECHNOLOGY, INC., US
[85] 2016-09-09
[86] 2015-03-11 (PCT/US2015/020045)
[87] (WO2015/138658)
[30] US (61/951,430) 2014-03-11

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[13] C
[51] **Int.Cl. A61K 31/19 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **A COMPOSITION FOR USE IN THE TREATMENT OF INTERVERTEBRAL DISC-RELATED PAIN**
[54] **COMPOSITION A UTILISER DANS LE TRAITEMENT DE LA DOULEUR LIEE A UN DISQUE INTERVERTEBRAL**
[72] OLMARKER, KJELL, SE
[73] STAYBLE THERAPEUTICS AB, SE
[85] 2016-09-19
[86] 2015-03-20 (PCT/EP2015/055991)
[87] (WO2015/140320)
[30] SE (1450320-5) 2014-03-20

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[51] **Int.Cl. D21C 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR HANDLING SPENT WASH SOLUTION OF A LIGNIN-RECOVERY PROCESS**
[54] **PROCEDE DE TRAITEMETN D'UNE SOLUTION DE LAVAGE USEE D'UN PROCESSUS DE RECUPERATION DE LIGNINE**
[72] MCKEOUGH, PATERSON, FI
[73] ANDRITZ OY, FI
[85] 2016-09-23
[86] 2015-03-27 (PCT/FI2015/050212)
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[30] FI (20145323) 2014-04-03

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[51] **Int.Cl. F04C 23/00 (2006.01) F04B 37/14 (2006.01) F04C 25/02 (2006.01) F04F 5/20 (2006.01) F04F 5/54 (2006.01)**
[25] FR
[54] **METHOD OF PUMPING IN A PUMPING SYSTEM AND VACUUM PUMP SYSTEM**
[54] **METHODE DE POMPAGE DANS UN SYSTEME DE POMPAGE ET SYSTEME DE POMPES A VIDE**
[72] MULLER, DIDIER, CH
[72] LARCHER, JEAN-ERIC, FR
[72] ILTCHEV, THEODORE, FR
[73] ATELIERS BUSCH SA, CH
[85] 2016-10-03
[86] 2014-05-01 (PCT/EP2014/058948)
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[13] C
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/80 (2006.01) C09K 8/92 (2006.01)**
[25] EN
[54] **TREATMENT FLUID**
[54] **FLUIDE DE TRAITEMENT**
[72] SHALAGINA, ANASTASIA EVGENYEVNA, RU
[72] FU, DIANKUI, MY
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-10-11
[86] 2014-04-15 (PCT/RU2014/000271)
[87] (WO2015/160275)

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[72] HAGEMEYER, ALFRED, US
[72] JIANG, HONG X., US
[72] LONGMIRE, JAMES, US
[72] SHOEMAKER, JAMES A.W., US
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[72] SHARAFAT, AHMAD R., CA
[72] REZAJOO, SAEED, CA
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[54] **SYSTEME ET METHODOLOGIE POUR DOUILLE EN CIMENT RECUPERABLE**
[72] JAVED, ASIF, AE
[72] HALL, JAMES, AE
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **ANTICORPS ANTI-INDOLEAMINE 2,3-DIOXYGENASE 1 ET LEURS UTILISATIONS DIAGNOSTIQUES**
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[72] COUTO, FERNANDO, US
[73] SPRING BIOSCIENCE CORPORATION, US
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[54] **SYSTEME ET METHODE DE GESTION DE LA CHALEUR DES DISPOSITIFS ELECTRONIQUES**
[72] RUPP, STEVEN C., US
[72] FRIEDRICHS, DANIEL A., US
[72] SMITH, ROBERT B., US
[73] COVIDIEN LP, US
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[54] **DISPOSITIF D'ENFERMEMENT DE L'EXTREMITE D'UN OU DE PLUSIEURS FAISCEAUX DE MATIERE MOLLE DANS UN TUNNEL OSSEUX**
[72] ABASCAL RUBIO, JOSE MANUEL, ES
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[73] ABANZA TECNOMED, S.L., ES
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[54] **SYSTEME ET PROCEDE POUR LE DEVELOPPEMENT ET LA MISE EN OEUVRE D'APPLICATIONS A BASE DE RESEAU**
[72] ALEXIUK, MARK, CA
[72] CASSIDY, JASON, CA
[72] MAVINKURVE, MAITHILI, CA
[72] TRENHOLM, WALLACE, CA
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[54] **NOUVEL ISOLAT DE TENACIBACULUM SP**
[72] BREVIK, OYVIND, NO
[72] OTTEM, KARL FREDRIK, NO
[73] CERMAQ GROUP AS, NO
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[54] **MEDICAMENT EMPLOYE POUR TRAITER LES VERTIGES DE DIFFERENTES ORIGINES**
[72] GREWE, JAN CHRISTOPH, DE
[72] PRZYKLENK, KARL-HEINZ, DE
[73] HENNIG ARZNEIMITTEL GBMH & CO. KG, DE
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[25] EN
[54] **TOWEL DISPENSING SYSTEM INCLUDING A BRACKET AND WATER-RESISTANT CONTAINER WITH A HANDLE**
[54] **SYSTEME DE DISTRIBUTION DE SERVIETTES COMPRENANT UN SUPPORT ET UN CONTENANT RESISTANT A L'EAU DOTE D'UNE POIGNEE**
[72] SELLARS, RYAN, US
[72] KLEIN, DANIEL ALAN, US
[72] ZIEGERT, THOMAS T., US
[73] SELLARS ABSORBENT MATERIALS, INC., US
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[54] **DISPOSITIF D'IRRIGATION TRANS-ANALE PORTABLE**
[72] FOLEY, ADAM J., IE
[72] COLLUM, STEPHEN, IE
[72] GAMBLIN, DENISE, GB
[72] ARNOLD, WILLIAM K., US
[72] SETH, RUCHI, US
[72] HENRY, JEROME A., IE
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[54] **PRODUCTION D'UN EXTRAIT DE CAFE CONSERVANT LES CONSTITUANTS AROMATIQUES**
[72] SORENSEN, JAKOB KRYGER, DK
[72] PEDERSEN, ANDERS HOLMEN, DK
[72] HARALDSTED, HENRIK, DK
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[54] **NARROW LINE-WIDTH LASER CHARACTERIZATION BASED ON BI-DIRECTIONAL PUMPED BRILLOUIN RANDOM FIBER LASER**
[54] **CARACTERISATION DE LASER A LARGEUR DE RAIE ETROITE BASEE SUR UN LASER DE FIBRE ALEATOIRE DE BRILLOUIN POMPE BIDIRECTIONNEL**
[72] OU, ZHONGHUA, CA
[72] BAO, XIAOYI, CA
[72] CHEN, LIANG, CA
[72] LI, YANG, CA
[73] UNIVERSITY OF OTTAWA, CA
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[25] FR
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[54] **DISPOSITIF ELECTRONIQUE AUTONOME A ALIMENTATION PAR TRANSDUCTION ELECTROSTATIQUE PRODUITE PAR UNE CAPACITE VARIABLE**
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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE PARIS-SACLAY, FR
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[54] **METHODE ET DISPOSITIF DE DETERMINATION DE LA FRACTION D'ACIDES NUCLEIQUES SANS CELLULE DANS UN PRELEVEMENT BIOLOGIQUE ET UTILISATION ASSOCIEE**
[72] JIANG, FUMAN, CN
[72] YUAN, YUYING, CN
[72] WANG, WEI, CN
[72] YIN, YE, CN
[73] BGI GENOMICS CO., LTD., CN
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[54] **VINYL ACETATE BINDERS IN ABOVE-CRITICAL PIGMENT VOLUME CONCENTRATION COATINGS COMPOSITION**
[54] **LIANTS D'ACETATE DE VINYLE DANS UNE COMPOSITION DE REVETEMENT A CONCENTRATION VOLUMIQUE EN PIGMENT SUR-CRITIQUE**
[72] BOHLING, JAMES C., US
[72] CHEN, JUNYU, CN
[72] NUNGESSER, EDWIN, US
[72] QIAN, ZHEN, CN
[72] WANG, TAO, CN
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[73] ROHM AND HAAS COMPANY, US
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[54] **APPARATUS AND METHOD FOR GRAVITATIONAL SEPARATION OF THE PHASES OF A TWO PHASE LIQUID**
[54] **APPAREIL ET METHODE DE SEPARATION GRAVITATIONNELLE DES PHASES D'UN LIQUIDE BIPHASE**
[72] LESSARD, HUGO, CA
[73] SUEZ GROUPE, FR
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[54] **SYSTEM AND METHOD FOR CREATING A FOLD IN A PORTION OF EXPANDABLE MATERIAL**
[54] **SYSTEME ET PROCEDE POUR FORMER UN PLI DANS UNE PARTIE D'UN MATERIAU EXPANSIBLE**
[72] SKINNER, LESLIE JOHN, AU
[72] HINGSTON, HAMISH, AU
[73] ICEE HOLDINGS PTY LTD, AU
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[72] HINCKS, IAN N., CA
[72] GRANADE, CHRIS E., AU
[72] BORNEMAN, TROY W., CA
[72] CORY, DAVID G., CA
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[54] **CHIMERIC ANTIGEN RECEPTOR SPECIFIC FOR SSEA4 ANTIGEN**
[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE SPECIFIQUE DE L'ANTIGENE SSEA4**
[72] BOSIO, ANDREAS, DE
[72] HARDT, OLAF, DE
[72] ALOIA, ANDREA, CH
[73] MILTENYI BIOTEC B.V. & CO. KG, DE
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[25] EN
[54] **FILTRATION APPARATUS WITH ROTATABLE CAROUSEL**
[54] **APPAREIL DE FILTRATION AVEC CARROUSEL PIVOTANT**
[72] BARTON, ALASTAIR WILLIAM, GB
[73] ALCONBURY WESTON LTD, GB
[85] 2017-02-24
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[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/44 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 5/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 5/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **CORNERLOCK FOR A FRAME ASSEMBLY INCLUDING A COLLAR**
[54] **VERROU TOURNANT DESTINE A UN CADRE COMPORTANT UN COLLIER**
[72] ISAACS, JOSEPH D., US
[73] QUANEX HOMESHIELD, LLC, US
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[54] **TRADUCTION D'IDENTIFICATION D'APPELANT AUTOMATIQUE AMELIOREE**
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[72] HAUSTEIN, THOMAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **HYBRID ACOUSTIC AND INDUCTION-HEATING SYSTEMS AND METHODS FOR IMPEDING FORMATION OF ICE**
[54] **SYSTEMES ACOUSTIQUES ET A CHAUFFAGE PAR INDUCTION HYBRIDES ET METHODES SERVANT A EMPECHER LA FORMATION DE GLACE**
[72] HULL, JOHN RALPH, US
[72] TANIELIAN, MINAS H., US
[73] THE BOEING COMPANY, US
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[87] (2964221)
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[54] **DECOMPRESSION PANEL ASSEMBLY AND METHODS OF ASSEMBLING THE SAME**
[54] **ASSEMBLAGE DE PANNEAU DE DECOMPRESSION ET METHODES D'ASSEMBLAGE ASSOCIEES**
[72] BROWN, DOUGLAS ALAN, US
[72] WESTON, ADAM ROBERT, US
[72] IMADA, BRIAN TATSUO, US
[73] THE BOEING COMPANY, US
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[54] **SYSTEMES D'EAU PURE**
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[72] ADAMS, PAUL, US
[72] SGROI, ANTHONY, US
[72] ROBERTS, BRYAN LEE, DE
[72] CAMP, ROBERT, US
[72] BLUM, MICHAEL, DE
[73] UNGER MARKETING INTERNATIONAL, LLC, US
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[54] **ANTI-CS1 ANTIBODIES AND ANTIBODY DRUG CONJUGATES**
[54] **ANTICORPS ANTI-CS1 ET CONJUGUES ANTICORPS-MEDICAMENT**
[72] GISH, KURT C., US
[72] KIM, HAN K., US
[72] NAUMOVSKI, LOUIE, US
[73] ABBVIE BIOTHERAPEUTICS INC., US
[85] 2017-04-26
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[25] EN
[54] **MIXED BED ION EXCHANGE ADSORBER**
[54] **ADSORBANT POUR ECHANGE D'IONS A LITS MIXTES**
[72] STONE, MATTHEW T., US
[72] AMARA, JOHN P., US
[73] EMD MILLIPORE CORPORATION, US
[85] 2017-05-01
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[25] EN
[54] **MULTI-FUNCTIONAL FECAL WASTE AND GARBAGE PROCESSOR AND ASSOCIATED METHODS**
[54] **PROCESSEUR MULTI-FONCTIONNEL DE DECHETS FECAUX ET D'ORDURES ET PROCEDES ASSOCIES**
[72] JANICKI, PETER, US
[73] BILL & MELINDA GATES FOUNDATION, US
[85] 2017-05-04
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[54] **LOAD CARRIAGE FRAME**
[54] **CHASSIS DE TRANSPORT DE CHARGE**
[72] BECK, JASON, US
[73] TYR TACTICAL, LLC, US
[86] (2969271)
[87] (2969271)
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[51] **Int.Cl. H04N 21/6334 (2011.01) H04N 21/266 (2011.01) H04L 29/06 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO A TELEVISION SIGNAL RECEPTION DEVICE AND SYSTEM**
[54] **AMELIORATIONS APPORTEES A UN SYSTEME ET A UN DISPOSITIF DE RECEPTION DE SIGNAL DE TELEVISION**
[72] BOGOT, CARMI, IL
[73] ARRIS GLOBAL LTD., GB
[85] 2017-05-30
[86] 2015-11-26 (PCT/GB2015/053611)
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[30] GB (1421302.9) 2014-12-01

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[25] EN
[54] **FORMATION LOGGING USING MULTICOMPONENT SIGNAL-BASED MEASUREMENT OF ANISOTROPIC PERMITTIVITY AND RESISTIVITY**
[54] **DIAGRAPHIE DE FORMATION UTILISANT LA MESURE A BASE DE SIGNAUX A PLUSIEURS COMPOSANTES DE PERMITTIVITE ET DE RESISTIVITE ANISOTROPES**
[72] EWE, WEI-BIN, US
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] CHEMALI, ROLAND E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **A SYSTEM AND APPARATUS FOR OPTIMIZING HYDRATION AND FOR THE CONTEXTUAL DISPENSING OF ADDITIVES**
[54] **SYSTEME ET APPAREIL PERMETTANT D'OPTIMISER L'HYDRATATION ET D'EFFECTUER UNE DISTRIBUTION CONTEXTUELLE D'ADDITIFS**
[72] WHEATLEY, MAXIM D., US
[72] WHEATLEY, DAVID J., US
[72] METLEN, TODD, US
[72] PERRELLI, JONATHON E., US
[72] BACON, CONNOR J., US
[73] LIFEFUELS, INC., US
[85] 2017-06-05
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[30] US (62/088,189) 2014-12-05
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[54] **SENSOR ARRAY WITH ANTI-DIFFUSION REGION(S) TO EXTEND SHELF LIFE**
[54] **RESEAU DE CAPTEURS AVEC REGION(S) D'ANTI-DIFFUSION POUR ETENDRE LA DUREE DE CONSERVATION**
[72] ORVEDAHL, DONNA S., US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066363)
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[25] EN
[54] **AN INTERFACE, SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING THE TRANSFER OF ELECTRONIC MESSAGES**
[54] **INTERFACE, SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR PERMETTANT DE COMMANDER LE TRANSFERT DE MESSAGES ELECTRONIQUES**
[72] GARLICK, STEVEN GEORGE, GB
[72] MASTERS, NEIL ANTONY, GB
[73] IPCO 2012 LIMITED, GB
[85] 2017-06-16
[86] 2015-10-14 (PCT/GB2015/053036)
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[54] **PIPE, PIPE ARRAY AND METHOD FOR THE MEASUREMENT OF THE THICKNESS OF A COATING OF A PIPELINE**
[54] **TUYAU, RESEAU DE TUYAUX ET METHODE DE MESURE D'EPAISSEUR D'UN REVETEMENT D'UN PIPELINE**
[72] MEENDERMANN, DIETER, DE
[73] ROSEN SWISS AG, CH
[85] 2017-07-04
[86] 2015-12-22 (PCT/EP2015/002591)
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[25] EN
[54] **A NASAL MEDICATION DELIVERY DEVICE.**
[54] **DISPOSITIF D'ADMINISTRATION D'UN MEDICAMENT NASAL**
[72] ATKINSON, HARTLEY CAMPBELL, NZ
[72] WOODHEAD, BRENDON JOHN, NZ
[73] AFT PHARMACEUTICALS LIMITED, NZ
[85] 2017-08-01
[86] 2016-01-08 (PCT/NZ2016/050002)
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[30] NZ (706864) 2015-04-09

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[25] EN
[54] **ENVIRO-LIGHTS TREE**
[54] **ARBRE A LUMIERES ECOLOGIQUES**
[72] MCRAE, MICHAEL M., US
[73] NATIONAL CHRISTMAS PRODUCTS, LLC, US
[86] (2976475)
[87] (2976475)
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[25] EN
[54] **BATTERY-POWERED TREE**
[54] **ARBRE ALIMENTE PAR UNE BATTERIE**
[72] MCRAE, MICHAEL M., US
[73] NATIONAL CHRISTMAS PRODUCTS, LLC, US
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[87] (2976476)
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[25] EN
[54] **MOBILE CHAIR APPARATUS COMPRISING FOOT PEDALS**
[54] **APPAREIL DE CHAISE MOBILE COMPORTANT DES PEDALES AU PIED**
[72] SIMONS, KENNETH A., US
[72] GUY, ASHLEY, US
[73] VELOCHAIR GROUP LLC, US
[86] (2977616)
[87] (2977616)
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[30] US (15/681,046) 2017-08-18
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[25] EN
[54] **METHOD OF OPERATING A SWING DOOR, DEVICE FOR OPERATING A SWING DOOR AND A SWING DOOR OPERATED BY SUCH A METHOD AND/OR HAVING SUCH A DEVICE**
[54] **PROCEDE D'ACTIONNEMENT DE PORTE BATTANTE, DISPOSITIF D'ACTIONNEMENT DE PORTE BATTANTE, ET PORTE BATTANTE ACTIONNEE PAR UN TEL PROCEDE ET/OU AYANT UN TEL DISPOSITIF**
[72] SODERQVIST, SVEN-GUNNAR, SE
[73] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2017-09-05
[86] 2016-03-22 (PCT/EP2016/056239)
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[30] SE (1550379-0) 2015-03-31

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[51] **Int.Cl. A61L 27/50 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **METHOD FOR BIOFABRICATING COMPOSITE MATERIAL**
[54] **PROCEDE DE BIOFABRICATION DE MATERIAU COMPOSITE**
[72] PURCELL, BRENDAN PATRICK, US
[72] WILLIAMSON, DAVID THOMAS, US
[72] LEE, SUZANNE, US
[72] CONGDON, AMY, GB
[73] MODERN MEADOW, INC., US
[85] 2017-09-01
[86] 2017-02-15 (PCT/US2017/017878)
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[25] EN
[54] **METHODS OF TREATING SUBTERRANEAN FORMATIONS INCLUDING SEQUENTIAL USE OF AT LEAST TWO SURFACTANTS**
[54] **PROCEDES DE TRAITEMENT DE FORMATIONS SOUTERRAINES FAISANT APPEL A UNE UTILISATION SEQUENTIELLE D'AU MOINS DEUX TENSIOACTIFS**
[72] ALWATTARI, ALI, US
[72] XU, LIANG, US
[72] HOLTSCLAW, JEREMY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-07
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[25] EN
[54] **CONTROL MANAGEMENT SYSTEM HAVING PERPETUAL CALENDAR WITH EXCEPTIONS**
[54] **SYSTEME DE GESTION DE CONTROLE COMPORTANT UN CALENDRIER PERPETUEL COMPRENANT DES EXCEPTIONS**
[72] MOORE, GLENN A., US
[72] POPLAWSKI, DANIEL S., US
[73] BRAEBURN SYSTEMS LLC, US
[86] (2979672)
[87] (2979672)
[22] 2017-09-19
[30] US (62/396,639) 2016-09-19

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[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/813 (2013.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING MESSAGES BETWEEN MESSAGING SYSTEMS**
[54] **PROCEDE ET SYSTEME DE TRANSFERT DE MESSAGES ENTRE DES SYSTEMES DE MESSAGERIE**
[72] KEATING, COLM, IE
[72] CAHILL, ANTHONY, IE
[73] WEBTEXT HOLDINGS LIMITED, IE
[85] 2017-09-14
[86] 2016-03-16 (PCT/US2016/022607)
[87] (WO2016/149342)
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[25] EN
[54] **TENSIONING DEVICE**
[54] **APPAREIL DE MISE SOUS TENSION**
[72] MAHAFFEY, JAY L., US
[73] PACIFIC STATES MANUFACTURING, INC., US
[86] (2979872)
[87] (2979872)
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[25] EN
[54] **QUINOLINE DERIVATIVES AS TAM RTK INHIBITORS**
[54] **DERIVES DE QUINOLEINE UTILISES COMME INHIBITEURS DE RTK DE TAM**
[72] NAM, KIYEAN, KR
[72] KIM, JAESEUNG, KR
[72] AHN, SEOHYUN, KR
[72] JEON, YEEJIN, KR
[72] LEE, DOOHYUNG, KR
[72] PARK, DONGSIK, KR
[72] YANG, YOUNG-IN, KR
[72] LEE, SAEYEON, KR
[72] KIM, JEONGJUN, KR
[72] AHN, JIYE, KR
[72] KIM, HANA, KR
[72] JUNG, CHUN-WON, KR
[72] SCHULTZ-FADEMRECHT, CARSTEN, DE
[73] QURIENT CO., LTD., KR
[73] LEAD DISCOVERY CENTER GMBH, DE
[85] 2017-09-22
[86] 2016-04-14 (PCT/EP2016/058284)
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[30] US (62/147,262) 2015-04-14
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[25] EN
[54] **ANTIBACTERIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIBACTERIENNES**
[72] NANDANWAR, MANOHAR BABURAO, IN
[72] KANSAGARA, ATUL, IN
[72] NAGORI, RAJENDRA NANDLAL, IN
[72] PATEL, MUFTEDAR AHMED IFTEKHAR, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] CHAUHAN, BHASKAR, IN
[72] DEO, KESHAV, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT LIMITED, IN
[85] 2017-10-18
[86] 2017-03-31 (PCT/IB2017/051871)
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[51] **Int.Cl. E21B 47/005 (2012.01) G01V 1/44 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **A METHOD OF IDENTIFYING A MATERIAL AND/OR CONDITION OF A MATERIAL IN A BOREHOLE**
[54] **PROCEDE D'IDENTIFICATION D'UN MATERIAU ET/OU D'UN ETAT D'UN MATERIAU DANS UN TROU DE FORAGE**
[72] MERCIU, IOAN-ALEXANDRU, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2017-10-27
[86] 2016-04-29 (PCT/NO2016/050077)
[87] (WO2016/175662)
[30] GB (1507409.9) 2015-04-30

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[25] EN
[54] **DISTRIBUTION SYSTEM MONITORING**
[54] **SURVEILLANCE DE SYSTEME DE DISTRIBUTION**
[72] GIFFORD, PAUL, US
[72] SITNIKOV, TIMOFEY, US
[72] MOSLEY, HAROLD, US
[73] MUELLER INTERNATIONAL, LLC, US
[85] 2017-11-28
[86] 2016-06-06 (PCT/US2016/036007)
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[54] **TAXANE PARTICLES AND THEIR USE**
[54] **PARTICULES DE TAXANE ET LEUR UTILISATION**
[72] BALTEZOR, MICHAEL, US
[72] FARTHING, JOSEPH, US
[72] SITTENAUER, JAKE, US
[72] ESPINOSA, JAHNA, US
[72] CAMPBELL, SAMUEL, US
[72] MCCLOREY, MATTHEW, US
[72] FISCHER, JULIA K., US
[72] WILLIAMS, MARK D., US
[72] CLAPP, GARRY E., US
[73] CRITITECH, INC., US
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[86] 2016-06-06 (PCT/US2016/035993)
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[30] US (62/171,060) 2015-06-04
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[54] **ONCOLYTIC HSV1 VECTOR AND METHODS OF USE**
[54] **VECTEUR HSV1 ONCOLYTIQUE ET PROCEDES D'UTILISATION**
[72] NAKASHIMA, HIROSHI, US
[72] CHIOCCA, ENNIO ANTONIO, US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2017-12-04
[86] 2016-05-04 (PCT/US2016/030681)
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[54] **URINARY CATHETERS HAVING LIMITED REUSABILITY**
[54] **CATHETERS URINAIRES AYANT UNE APTITUDE A LA REUTILISATION LIMITEE**
[72] FITZPATRICK, JAMES J., IE
[72] FOLEY, ADAM J., IE
[72] O'FLYNN, PADRAIG M., IE
[72] CLARKE, JOHN T., IE
[72] FLETTER, PAUL C., US
[72] ARNOLD, WILLIAM K., US
[73] HOLLISTER INCORPORATED, US
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[30] US (62/175,525) 2015-06-15

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[25] EN
[54] **SYSTEMS, METHODS AND TECHNIQUES FOR DEVICE PAIRING VIA A SHORT-RANGE PAIRING MECHANISM**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE JUMELAGE DE DISPOSITIF AU MOYEN D'UN MECANISME DE JUMELAGE A COURTE PORTEE**
[72] MAGUIRE, PAUL, US
[72] OSTRUM, CLAIRE, US
[73] KNOWMADICS, INC., US
[86] (2989010)
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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 256-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 256 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
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[25] EN
[54] **CLAMP SENSOR SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DESTINES A UN DETECTEUR DE PINCE**
[72] HEFELFINGER, KELLY R., US
[72] PENDERGRASS, ROBERT, US
[72] ROTH, NATHANIAL, US
[73] SENSORLINK CORPORATION, US
[86] (2991472)
[87] (2991472)
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[30] US (15/402,959) 2017-01-10

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[25] EN
[54] **METHOD OF MAXIMIZING EPIGALLOCATECHIN GALLATE CONTENT IN TEA**
[54] **METHODE DE MAXIMISATION DE LA TENEUR EN GALLATE D'EPIGALLOCATHECHINE DANS LE THE**
[72] BELL, RORY, CA
[73] BELL, RORY, CA
[86] (2993098)
[87] (2993098)
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[51] **Int.Cl. H01H 33/664 (2006.01)**
[25] EN
[54] **SWITCHING CONTACT OF A VACUUM INTERRUPTER COMPRISING SUPPORTING BODIES**
[54] **CONTACT DE COMMUTATION D'UN TUBE COMMUTATEUR A VIDE POUVU DE CORPS DE SUPPORT**
[72] GRASKOWSKI, FRANK, DE
[72] SCHUMANN, ULF, DE
[72] JAHNKE, UWE, DE
[72] LAWALL, ANDREAS, DE
[72] BARON, LYDIA, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **AUGMENTED REALITY SURGICAL NAVIGATION**
[54] **NAVIGATION CHIRURGICALE A REALITE AUGMENTEE**
[72] TAKO, YAHAV, US
[72] GERI, ALON YAKOB, US
[72] AVISAR, MORDECHAI, US
[72] TEICHMAN, ELIAHU, IL
[73] SURGICAL THEATER LLC, US
[85] 2018-03-07
[86] 2016-10-13 (PCT/US2016/056727)
[87] (WO2017/066373)
[30] US (62/241,447) 2015-10-14

[11] **2,998,403**
[13] C
[51] **Int.Cl. B25J 19/06 (2006.01) B25J 9/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DYNAMIC COMMUNICATIVE LIGHTING IN A ROBOTIC ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'ECLAIRAGE DE COMMUNICATION DYNAMIQUE DANS UN ENVIRONNEMENT ROBOTIQUE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[73] BERKSHIRE GREY, INC., US
[85] 2018-03-09
[86] 2016-09-08 (PCT/US2016/050786)
[87] (WO2017/044630)
[30] US (62/216,017) 2015-09-09

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[13] C
[51] **Int.Cl. B64D 11/04 (2006.01) A47B 77/04 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **RECEIVING DEVICE FOR RECEIVING A FOOD OR DRINK COMPONENT IN A FOOD OR DRINK PREPARATION MACHINE**
[54] **DISPOSITIF DE RECEPTION SERVANT A RECEVOIR UNE COMPOSANTE D'ALIMENT OU DE BOISSON DANS UNE MACHINE DE PREPARATION D'ALIMENT OU DE BOISSON**
[72] PODLASIN, PETER, DE
[72] SCHAFER, THOMAS, DE
[72] ADOMEIT, SIEGFRIED, DE
[72] MUTH, ARNO, DE
[73] SELL GMBH, DE
[86] (2999742)
[87] (2999742)
[22] 2018-03-29
[30] EP (17163669.9) 2017-03-29

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[13] C
[51] **Int.Cl. B62K 3/00 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **HUMAN-MACHINE INTERACTION BODY-SENSING VEHICLE**
[54] **VEHICULE A DETECTION DE CORPS AVEC INTERACTION HOMME-MACHINE**
[72] YING, JIAWEI, CN
[73] HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD, CN
[85] 2018-03-28
[86] 2016-09-30 (PCT/CN2016/100984)
[87] (WO2017/054764)
[30] CN (201510666424.6) 2015-10-01

[11] **3,000,767**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **NETWORK-BASED RESOURCE CONFIGURATION DISCOVERY SERVICE**
[54] **SERVICE DE DECOUVERTE DE CONFIGURATION DE RESSOURCE BASEE SUR LE RESEAU**
[72] SUBRAMANIAN, HARIHARAN, US
[72] ZIPKIN, DAVID SAMUEL, US
[72] LYON, DEREK AVERY, US
[72] GAFTON, CRISTIAN GABRIEL, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054936)
[87] (WO2017/059324)
[30] US (14/871,701) 2015-09-30

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[25] EN
[54] **COMPOUNDS, POLYMERS AND COATING FORMULATIONS THAT COMPRISE AT LEAST ONE N-HALAMINE PRECURSOR, A CATIONIC CENTER AND A COATING INCORPORATION GROUP**
[54] **COMPOSES, POLYMERES ET FORMULATIONS DE REVETEMENT COMPRENANT AU MOINS UN PRECURSEUR DE N-HALAMINE, UN CENTRE CATIONIQUE ET UN GROUPE D'INCORPORATION AU REVETEMENT**
[72] WOLFF, ZACHARY J., CA
[72] GHANBAR, SADEGH, CA
[72] TESSIER, DOMINIC, CA
[72] NING, CHENXI, CA
[72] VAN LEEUWEN, JONATHAN, CA
[72] DUBIEL, MARCELO, CA
[72] BINDRA, GURMEET SINGH, CA
[72] LIU, SONG, CA
[73] UNIVERSITY OF MANITOBA, CA
[85] 2018-04-13
[86] 2016-10-14 (PCT/CA2016/051200)
[87] (WO2017/063091)
[30] US (62/242,725) 2015-10-16
[30] US (62/245,415) 2015-10-23
[30] US (62/248,909) 2015-10-30
[30] US (62/269,014) 2015-12-17
[30] US (62/275,534) 2016-01-06
[30] US (62/287,729) 2016-01-27
[30] US (62/362,460) 2016-07-14
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[51] **Int.Cl. B01F 3/12 (2006.01) B01F 7/00 (2006.01) B01F 7/24 (2006.01) B01F 15/00 (2006.01) C08B 1/00 (2006.01) D21B 1/34 (2006.01)**
[25] EN
[54] **HIGH-CONCENTRATION MIXER FOR PRODUCING A CELLULOSE SUSPENSION HAVING A HIGH CELLULOSE CONCENTRATION**
[54] **MELANGEUR HAUTE CONCENTRATION POUR LA FABRICATION D'UNE SUSPENSION DE CELLULOSE AVEC UNE CONCENTRATION EN CELLULOSE ELEVEE**
[72] PILLICHSHAMMER, JOHANN, AT
[72] SCHREMPF, CHRISTOPH, AT
[72] MAIER, MICHAEL, AT
[72] MALZNER, GERHARD, AT
[73] LENZING AKTIENGESELLSCHAFT, AT
[85] 2018-04-19
[86] 2016-10-04 (PCT/AT2016/050259)
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[30] AT (A 50923/2015) 2015-10-30

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[25] EN
[54] **DOUBLE OFFSET BALL MEMBER USABLE IN BALL VALVES AND OTHER FLOW CONTROL APPLICATIONS**
[54] **DOUBLE ELEMENT DE BILLE DECALE POUVANT ETRE UTILISE DANS DES SOUPAPES A BILLE ET AUTRES APPLICATIONS DE REGULATION D'ECOULEMENT**
[72] VINCENT, KEVIN, US
[72] PARTRIDGE, CHARLIE, US
[72] BARROSO, MIGUEL, US
[72] CASEY, FRED, US
[72] SMITH, BLAKE, US
[73] CHROMATIC INDUSTRIES, LLC, US
[86] (3002929)
[87] (3002929)
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[30] US (13/815,325) 2013-02-21

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[51] **Int.Cl. H03F 3/60 (2006.01) H03F 1/32 (2006.01) H03F 3/19 (2006.01) H03F 3/24 (2006.01)**
[25] EN
[54] **AN AMPLIFIER CIRCUIT FOR COMPENSATING AN OUTPUT SIGNAL FROM A CIRCUIT**
[54] **CIRCUIT AMPLIFICATEUR DESTINE A COMPENSER UN SIGNAL DE SORTIE PROVENANT D'UN CIRCUIT**
[72] HELLBERG, RICHARD, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-04-23
[86] 2015-11-09 (PCT/SE2015/051182)
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[25] EN
[54] **POLYPROPYLENE COMPOSITION FOR A LAYER ELEMENT**
[54] **COMPOSITION DE POLYPROPYLENE POUR UN ELEMENT DE COUCHE**
[72] SANDHOLZER, MARTINA, AT
[72] BROEDERS, BERT, BE
[72] KRUMLACHER, WERNER, AT
[72] MUCKENHUBER, HARALD, AT
[72] PLANK, MICHAELA, AT
[72] SCHENK, VERENA, AT
[72] BERNREITNER, KLAUS, AT
[73] BOREALIS AG, AT
[73] ISOVOLTAIC SOLINEX GMBH, AT
[85] 2018-04-27
[86] 2016-07-29 (PCT/EP2016/068152)
[87] (WO2017/071847)
[30] EP (15191896.8) 2015-10-28

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[13] C
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 3/14 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **USER INTERFACE FOR AUTOMATED FLOWS WITHIN A CLOUD BASED DEVELOPMENTAL PLATFORM**
[54] **INTERFACE UTILISATEUR DE FLUX AUTOMATISES DANS UNE PLATEFORME DE DEVELOPPEMENT NUAGIQUE**
[72] DIAS, REBECCA, US
[72] BRENNAN, MARK, US
[72] STARK, NICHOLAS, US
[73] SERVICENOW, INC., US
[86] (3003773)
[87] (3003773)
[22] 2018-05-03
[30] US (62/502,258) 2017-05-05
[30] US (15/814,967) 2017-11-16
[30] US (29/617,193) 2017-09-12
[30] US (62/557,427) 2017-09-12

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[25] EN
[54] **METHOD AND APPARATUS FOR TWO-STAGE RIVETING USING REACTIVE STRUCTURAL FORCES**
[54] **POSE DE RIVET EN DEUX ETAPES**
[72] OBEROI, HARINDER, US
[72] DRAPER, ALAN S., US
[72] SARH, BRANKO, US
[72] FINDLAY, MELISSA ANN, US
[72] ARRIAGA, JORGE ALBERTO, US
[72] MILLER, JEFFREY LAWRENCE, US
[73] THE BOEING COMPANY, US
[86] (3004018)
[87] (3004018)
[22] 2015-07-02
[62] 2,896,059
[30] US (62/022,641) 2014-07-09
[30] US (14/559,483) 2014-12-03

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[13] C
[51] **Int.Cl. G01N 33/15 (2006.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **ARTIFICIAL MYCOLIC ACID MEMBRANES**
[54] **MEMBRANES ARTIFICIELLES D'ACIDES MYCOLIQUES**
[72] GUNDLACH, JENS H., US
[72] DERRINGTON, IAN M., US
[72] LANGFORD, KYLE W., US
[73] UNIVERSITY OF WASHINGTON, US
[86] (3005841)
[87] (3005841)
[22] 2011-02-23
[62] 2,790,672
[30] US (61/307,441) 2010-02-23
[30] US (61/375,707) 2010-08-20

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[13] C
[51] **Int.Cl. F22G 7/00 (2006.01) E21B 43/24 (2006.01) F22G 3/00 (2006.01)**
[25] EN
[54] **ONCE THROUGH STEAM GENERATOR WITH 100% QUALITY STEAM OUTPUT**
[54] **GENERATEUR DE VAPEUR A PASSAGE DIRECT OFFRANT UNE SORTIE DE VAPEUR A QUALITE 100 %**
[72] YU, JINJUN, CA
[73] CANADA J-R CONSULTING INC., CA
[86] (3006824)
[87] (3006824)
[22] 2018-05-31
[30] US (15674207) 2017-08-10

[11] **3,007,533**
[13] C
[51] **Int.Cl. B29C 64/259 (2017.01) B29C 64/124 (2017.01) B29C 64/307 (2017.01)**
[25] EN
[54] **STEREOLITHOGRAPHY DEVICE COMPRISING CARTRIDGE UNIT**
[54] **APPAREIL DE STEREOLITHOGRAPHIE COMPORTANT UN DISPOSITIF DE CARTOUCHE**
[72] STADLMANN, KLAUS, AT
[73] STADLMANN, KLAUS, AT
[85] 2018-06-06
[86] 2016-11-10 (PCT/AT2016/060104)
[87] (WO2017/079774)
[30] AT (A 50966/2015) 2015-11-12

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[13] C
[51] **Int.Cl. A61F 13/511 (2006.01) A61F 13/15 (2006.01) A61F 13/53 (2006.01) A61F 13/539 (2006.01) B32B 7/02 (2019.01) B32B 33/00 (2006.01)**
[25] EN
[54] **DISPOSABLE ABSORBENT LIFT DEVICE**
[54] **DISPOSITIF DE LEVAGE A TAMPON ABSORBANT JETABLE**
[72] LOVE, DAN, US
[72] SMITH, SCOTT A., US
[72] MASKREY, STEVE A., US
[72] BOTTCHER, PAUL L., US
[73] MEDLINE INDUSTRIES, INC., US
[86] (3007784)
[87] (3007784)
[22] 2011-08-24
[62] 2,750,363
[30] US (12/869,432) 2010-08-26

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[13] C
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **MULTICOMPONENT INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE A COMPOSANTS MULTIPLES**
[72] WERBLIN, TED, US
[72] KUHN, PHILIPPE, FR
[73] INFINITEVISION OPTICS, FR
[85] 2018-06-26
[86] 2016-01-05 (PCT/EP2016/050081)
[87] (WO2016/110489)
[30] EP (15150142.6) 2015-01-06

[11] **3,010,651**
[13] C
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/06 (2006.01) F16N 11/04 (2006.01)**
[25] EN
[54] **WELLHEAD SEALING DEVICE OF SUCKER-ROD PUMPING MACHINE**
[54] **DISPOSITIF D'ETANCHEITE POUR TETE DE PUITS DE MACHINE DE POMPAGE A BARRE DE POMPAGE**
[72] YU, LICHENG, CN
[72] SI, KAO, CN
[73] YU, LICHENG, CN
[73] SI, KAO, CN
[85] 2018-07-05
[86] 2016-01-29 (PCT/CN2016/072838)
[87] (WO2017/117837)
[30] CN (201610013004.2) 2016-01-08

[11] **3,011,127**
[13] C
[51] **Int.Cl. C09K 5/04 (2006.01) A62D 1/02 (2006.01) C08J 9/14 (2006.01) C09K 3/00 (2006.01) C09K 3/30 (2006.01) F25B 1/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING A FLUOROOLEFIN**
[54] **COMPOSITIONS COMPORTANT UNE OLEFINE FLUOREE**
[72] MINOR, BARBARA HAVILAND, US
[72] RAO, VELLIYUR NOTT MALLIKARJUNA, US
[72] BIVENS, DONALD BERNARD, US
[72] PERTI, DEEPAK, US
[73] THE CHEMOURS COMPANY FC, LLC, US
[86] (3011127)
[87] (3011127)
[22] 2006-03-03
[62] 2,930,803
[30] US (60/658,543) 2005-03-04
[30] US (60/710,439) 2005-08-23
[30] US (60/732,769) 2005-11-01
[30] US (11/369,227) 2006-03-02

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[13] C
[51] **Int.Cl. E02F 3/88 (2006.01) E02F 3/92 (2006.01)**
[25] EN
[54] **HYDRO EXCAVATION VACUUM APPARATUS**
[54] **APPAREIL D'ASPIRATION PAR HYDROEXCAVATION**
[72] STROBEL, ANDY, US
[72] LANOUE, COREY, US
[72] HOFLAND, DANIEL, US
[72] BATES, ADAM, US
[72] GIFT, DAVID, US
[72] ASKELSEN, TAYTE, US
[72] SKINNER, JAMES W., US
[72] MEYER, NATHAN J., US
[73] VERMEER MANUFACTURING COMPANY, US
[86] (3011229)
[87] (3011229)
[22] 2018-07-13
[30] US (62/532853) 2017-07-14

[11] **3,011,953**
[13] C
[51] **Int.Cl. C22B 23/00 (2006.01) B01D 53/14 (2006.01) B08B 9/08 (2006.01) C22B 3/08 (2006.01) C22B 3/44 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING RESIDUAL HYDROGEN SULFIDE**
[54] **PROCEDE D'ELIMINATION DE SULFURE D'HYDROGENE RESIDUEL**
[72] FUKE, TOMONAO, JP
[72] OISHI, TAKAO, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2018-07-19
[86] 2017-01-11 (PCT/JP2017/000602)
[87] (WO2017/130693)
[30] JP (2016-014137) 2016-01-28

[11] **3,012,208**
[13] C
[51] **Int.Cl. B08B 1/02 (2006.01)**
[25] EN
[54] **MAT WASHING SYSTEM**
[54] **SYSTEME DE LAVAGE DE TAPIS**
[72] WEST, SAM, CA
[72] DUSTERHOFT, RYAN, CA
[72] JOHNSON, HEITH, CA
[72] HUNTER, DOUGLAS, CA
[72] NEEDHAM, DENNIS, CA
[72] MYCHAJLYSZYN, GERALD, CA
[72] CAMERON, CLIFFORD, CA
[72] KUSLER, DANIEL, CA
[73] NORTHERN MAT & BRIDGE (GP) LTD., CA
[86] (3012208)
[87] (3012208)
[22] 2018-07-24

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[13] C
[51] **Int.Cl. C09D 11/033 (2014.01) B41M 1/26 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRINTING WATER SOLUBLE FILM**
[54] **PROCEDE D'IMPRESSION SUR UN FILM HYDROSOLUBLE**
[72] GABRIELE, ANDREA, BE
[72] BRANDT SANZ, MIGUEL, BE
[72] CURCIC, NIKOLA, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-20
[86] 2017-02-06 (PCT/US2017/016676)
[87] (WO2017/139223)
[30] US (15/040,556) 2016-02-10

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[13] C
[51] **Int.Cl. G01W 1/00 (2006.01) B64D 15/20 (2006.01) E01C 11/24 (2006.01) G01N 25/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AN ICING CONDITION STATUS OF AN ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'ETAT DE CONDITION DE GIVRAGE D'UN ENVIRONNEMENT**
[72] BEGIN-DROLET, ANDRE, CA
[72] RUEL, JEAN, CA
[72] LEMAY, JEAN, CA
[73] UNIVERSITE LAVAL, CA
[85] 2018-07-24
[86] 2016-03-08 (PCT/CA2016/050251)
[87] (WO2016/141477)
[30] US (62/132,276) 2015-03-12

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[13] C
[51] **Int.Cl. A24B 15/28 (2006.01) A24F 40/40 (2020.01) A24B 13/00 (2006.01)**
[25] EN
[54] **NON-COMBUSTION TYPE INHALATION ARTICLE**
[54] **ARTICLE POUR INHALATION DU TYPE SANS COMBUSTION**
[72] ICHITSUBO, HIROKAZU, JP
[72] NANASAKI, YUSUKE, JP
[73] JAPAN TOBACCO INC., JP
[85] 2018-07-25
[86] 2016-02-18 (PCT/JP2016/054747)
[87] (WO2017/141406)

[11] **3,013,385**
[13] C
[51] **Int.Cl. B01D 53/047 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **A RAPID CYCLE PRESSURE SWING ADSORPTION PROCESS AND ADSORBENT LAMINATES FOR USE THEREIN**
[54] **UN PROCEDE D'ADSORPTION A BASCULE DE PRESSION A CYCLE RAPIDE ET LAMELLES ADSORBANTS DESTINES AUDIT PROCEDE**
[72] LIU, JINZHONG, CA
[72] LI, WU, CA
[72] GOLDEN, TIMOTHY CHRISTOPHER, FR
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (3013385)
[87] (3013385)
[22] 2018-08-03
[30] US (15/673,791) 2017-08-10

[11] **3,014,853**
[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/44 (2006.01) A61K 31/4427 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) C07D 213/75 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED AMINOPYRIDINE COMPOUND, PREPARATION, AND USE AS A FIBROBLAST GROWTH FACTOR RECEPTOR KINASE INHIBITOR**
[54] **COMPOSE D'AMINOPYRIDINE A SUBSTITUTION, PREPARATION ET UTILISATION COMMEINHIBITEUR A ACTIVITE KINASE D'UN RECEPTEUR DE FACTEUR DE CROISSANCE DESFIBROBLASTES**
[72] ZHANG, AO, CN
[72] GENG, MEIYU, CN
[72] XING, LI, CN
[72] AI, JING, CN
[72] SONG, ZILAN, CN
[72] PENG, XIA, CN
[72] GU, WANGTING, CN
[72] DING, JIAN, CN
[73] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2018-08-16
[86] 2017-02-17 (PCT/CN2017/073966)
[87] (WO2017/140269)
[30] CN (201610094401.7) 2016-02-19

[11] **3,015,323**
[13] C
[51] **Int.Cl. E21B 33/138 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CONTROLLING WELLBORE PATHWAYS BY MANIPULATING THE SURFACE AREA TO MASS RATIO OF THE DIVERTING MATERIAL**
[54] **CONTROLE DE PARCOURS DE TROU DE FORAGE PAR MANIPULATION DU RAPPORT DE LA SURFACE A LA MASSE DES MATIERES DETOURNEES**
[72] MOISSON, JOHN A., JR., US
[72] KOSTER, NICHOLAS, US
[73] DPIP, LLC, US
[86] (3015323)
[87] (3015323)
[22] 2018-08-24
[30] US (62550538) 2017-08-25

[11] **3,015,415**
[13] C
[51] **Int.Cl. H01B 17/28 (2006.01) G01R 15/06 (2006.01) H01G 4/005 (2006.01) H01G 4/30 (2006.01) H01G 4/38 (2006.01)**
[25] EN
[54] **LARGE-CAPACITANCE INSULATING CORE, HIGH-VOLTAGE ELECTRICAL APPLIANCE AND MULTI-FUNCTIONAL HIGH-VOLTAGE BUSHING**
[54] **CORPS DE NOYAU ISOLANT DE GRANDE CAPACITE, APPAREIL ELECTRIQUE HAUTE TENSION ET TRAVERSEE HAUTE TENSION MULTIFONCTION**
[72] WANG, HUAN, CN
[73] BEIJING RUIHENG XINYUAN INVESTMENT CO., LTD, CN
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[86] 2016-10-21 (PCT/CN2016/102827)
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[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS**
[54] **SYSTEME DESTINE A UN TRANSFERT FERME DE FLUIDES**
[72] MARICI, PAUL PAIA, US
[72] IVOSEVIC, MILAN, US
[73] BECTON, DICKINSON AND COMPANY LIMITED, IE
[86] (3015767)
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[54] **ELECTRODE CONFIGURATIONS FOR ELECTROLYTIC CELLS AND RELATED METHODS**
[54] **CONFIGURATIONS D'ELECTRODES POUR CELLULES ELECTROLYTIQUES ET PROCEDES ASSOCIES**
[72] LIU, XINGHUA, US
[73] ELYSIS LIMITED PARTNERSHIP, CA
[85] 2018-08-28
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[54] **DEUTERATED FUSED HETEROCYCLE GAMMA-CARBOLINES AND COMPOSITIONS THEREOF USEFUL IN THE TREATMENT OF NERVOUS SYSTEM DISORDERS**
[54] **GAMMA-CARBOLINES FUSIONNEES A HETEROCYCLES DEUTERIES ET LEURS COMPOSITIONS UTILES DANS LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] YAO, WEI, US
[72] LI, PENG, US
[73] INTRA-CELLULAR THERAPIES, INC., US
[85] 2018-08-30
[86] 2017-03-24 (PCT/US2017/024137)
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[54] **LIDAR BASED 3-D IMAGING WITH VARYING PULSE REPETITION**
[54] **IMAGERIE 3D BASEE SUR LIDAR A REPETITION D'IMPULSIONS VARIABLE**
[72] HALL, DAVID S., US
[72] KERSTENS, PIETER J., US
[72] CUI, YUPENG, US
[72] REKOW, MATHEW NOEL, US
[72] NESTINGER, STEPHEN S., US
[73] VELODYNE LIDAR USA, INC., US
[85] 2018-09-13
[86] 2017-03-20 (PCT/US2017/023259)
[87] (WO2017/165316)
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[54] **LIDAR BASED 3-D IMAGING WITH VARYING ILLUMINATION FIELD DENSITY**
[54] **IMAGERIE 3D PAR LIDAR AVEC DENSITE DE CHAMP D'ECLAIRAGE VARIABLE**
[72] HALL, DAVID S., US
[72] KERSTENS, PIETER J., US
[72] REKOW, MATHEW NOEL, US
[72] NESTINGER, STEPHEN S., US
[73] VELODYNE LIDAR USA, INC., US
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[25] EN
[54] **SUSPENSION PEDESTAL**
[54] **SOCLE DE SUSPENSION**
[72] CHARBONEAU, DAN BENNETT, CA
[72] PEEREBOOM, DARYL PETER, CA
[72] FOSTER, MARK LEIGHTON, CA
[72] TAYLOR, PAUL WESLEY, CA
[73] ALLSALT MARITIME CORPORATION, CA
[86] (3017867)
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[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE FOURNITURE DE VAPEUR**
[72] NETTENSTROM, MATTHEW, US
[72] MCKEON, THOMAS MICHAEL, US
[72] SCHENNUM, STEVEN MICHAEL, US
[72] PEART, JUSTIN BANKER, US
[73] NICOVENTURES TRADING LIMITED, GB
[85] 2018-09-20
[86] 2017-03-21 (PCT/GB2017/050781)
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[54] **PIPE TALLY VISION SYSTEM**
[54] **SYSTEME DE VISUALISATION DE POINTAGE DE TUYAUX**
[72] ELLIS, BRIAN, US
[72] KEITH, ADAM, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[86] (3019308)
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[25] EN
[54] **WELDING STRUCTURE MEMBER**
[54] **ELEMENT STRUCTUREL SOUDE**
[72] SAGARA, MASAYUKI, JP
[72] OSUKI, TAKAHIRO, JP
[72] KURIHARA, SHINNOSUKE, JP
[73] NIPPON STEEL CORPORATION, JP
[85] 2018-09-28
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[54] **DOSE COUNTERS FOR INHALERS, INHALERS AND SHAFTS THEREOF**
[54] **COMPTEURS DE DOSES POUR INHALATEURS, INHALATEURS ET TIGES ASSOCIEES**
[72] KARG, JEFFREY A., IE
[72] DEREK, FENLON, IE
[72] WALSH, DECLAN, IE
[72] KAAR, SIMON, IE
[72] HAZENBERG, JAN GEERT, IE
[72] BUCK, DAN, IE
[72] CLANCY, PAUL, IE
[72] USCHOLD, ROBERT CHARLES, US
[73] IVAX PHARMACEUTICALS IRELAND, IE
[73] TEVA PHARMACEUTICALS IRELAND, IS
[73] NORTON (WATERFORD) LIMITED, IE
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[54] **RECONFIGURABLE DISTRIBUTED PROCESSING**
[54] **TRAITEMENT DISTRIBUE RECONFIGURABLE**
[72] NEWBERN, JEFFREY, US
[72] STANFILL, CRAIG W., US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2018-11-14
[86] 2017-05-17 (PCT/US2017/033033)
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[25] EN
[54] **GROSSING STATION SYSTEM**
[54] **SYSTEME DE POSTE DE MONTAGE**
[72] CORONA, MASSIMO, US
[72] MESKOURI, MOHAMED SIMO, US
[73] MP ACQUISITION, LLC, US
[85] 2018-12-11
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[54] **METHOD AND SYSTEM FOR PHASE ALIGNMENT OF MULTIPLE PHASED LOCKED LOOPS**
[54] **PROCEDE ET SYSTEME D'ALIGNEMENT DE PHASE DE MULTIPLES BOUCLES A VERROUILLAGE DE PHASE**
[72] NILSSON, MAGNUS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[25] EN
[54] **NOVEL DIZOCILPINE DERIVATIVES AS PERIPHERAL NMDA RECEPTOR ANTAGONISTS**
[54] **NOUVEAUX DERIVES DE DIZOCILPINE UTILISES COMME ANTAGONISTES DES RECEPTEURS NMDA PERIPHERIQUES**
[72] COHEN-KAMINSKY, SYLVIA, FR
[72] HUMBERT, MARC, FR
[72] DUMAS, SEBASTIEN, FR
[72] BRU-MERCIER, GILLES, FR
[72] MESSAOUDI, SAMIR, FR
[72] BRION, JEAN-DANIEL, FR
[72] ALAMI, MOUAD, FR
[72] GALVANI, GILLES, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE PARIS SUD, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS (APHP), FR
[73] HOPITAL MARIE LANNELONGUE, FR
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[25] EN
[54] **LOCKING A GROUP OF IMAGES TO A DESIRED LEVEL OF ZOOM AND AN OBJECT OF INTEREST BETWEEN IMAGE TRANSITIONS**
[54] **VERROUILLAGE D'UN GROUPE D'IMAGES A UN NIVEAU DE ZOOM SOUHAITE ET BRAQUAGE SUR UN OBJET D'INTERET ENTRE DES TRANSITIONS D'IMAGES**
[72] LENG, BING, US
[72] ARELLANO, SUZANA, US
[72] RIVAS, DANIEL, US
[72] WU, BING-HSUN, US
[72] KEATING, VIRGINIA WALKER, US
[73] QUALCOMM INCORPORATED, US
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[54] **SYSTEME DE CHAUFFAGE DE VEHICULE**
[72] KEEFER, JORG, DE
[73] EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH, DE
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[54] **METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS**
[54] **PROCEDES ET APPAREIL DE SURVEILLANCE DE PRESENTATIONS MULTIMEDIAS**
[72] ALLA, MADHUSUDHAN REDDY, US
[72] RAMASWAMY, ARUN, US
[73] THE NIELSEN COMPANY (US), LLC, US
[86] (3028472)
[87] (3028472)
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTONOMOUS DRIVING**
[54] **SYSTEMES ET METHODES DE CONDUITE AUTONOME**
[72] LUO, WEI, CN
[73] BEIJING VOYAGER TECHNOLOGY CO., LTD., CN
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[54] **INDUCTOR**
[54] **INDUCTEUR**
[72] ZUSHI, YUSUKE, JP
[72] HAYASHI, TETSUYA, JP
[72] HAYAMI, YASUAKI, JP
[72] NI, WEI, JP
[72] YAMAMOTO, AKIMITSU, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **CONTROLE D'ACCES DANS UN RESEAU DE COMMUNICATIONS EN TRANCHES**
[72] DJORDJEVIC, BRANKO, DE
[72] HEDMAN, PETER, SE
[72] KELLER, RALF, DE
[72] SANDER, ANN-CHRISTINE, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **FABRICATION AUTOMATISEE D'UN CADRE D'ESPACEMENT**
[72] BRIESE, WILLIAM A., US
[72] GRISMER, JOHN, US
[72] MCGLINCHY, TIMOTHY B., US
[73] GED INTEGRATED SOLUTIONS, INC., US
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[30] US (61/364,848) 2010-07-26
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[54] **BALLOON ENDOSCOPE AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **ENDOSCOPE A BALLON, SON PROCEDE DE FABRICATION ET SA METHODE D'UTILISATION**
[72] TERLIUC, GAD, IL
[72] LURIA, GILAD, IL
[73] SMART MEDICAL SYSTEMS LTD, IL
[86] (3030244)
[87] (3030244)
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[25] EN
[54] **PROCESSES, SYSTEMS, AND APPARATUS FOR CYCLOTRON PRODUCTION OF TECHNETIUM-99M**
[54] **PROCEDES, SYSTEMES, ET APPAREIL DE PRODUCTION CYCLOTRONIQUE DE TECHNETIUM-99M**
[72] SCHAFFER, PAUL, CA
[72] HANEMAAYER, VICTOIRE, CA
[72] ZEISLER, STEFAN K., CA
[73] TRIUMF, CA
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[87] (3030502)
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[54] **RECIPROCATING COMPRESSOR**
[54] **COMPRESSEUR ALTERNATIF**
[72] OOTSUKA, TOMOHIRO, JP
[72] YAMASAKI, RYOSUKE, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[86] (3031119)
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[25] EN
[54] **TRACKED VEHICLE WITH ROTATING UPPER STRUCTURE AND PROCESSES THEREFOR**
[54] **VEHICULE A CHENILLES A STRUCTURE SUPERIEURE ROTATIVE ET PROCEDES ASSOCIES**
[72] PELOQUIN, STEPHANE, CA
[72] THIBAULT, JONATHAN, CA
[73] PRINOTH LTD, CA
[85] 2019-01-18
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[54] **LIGHTING FIXTURE WITH SELECTABLE COLOR TEMPERATURE**
[54] **APPAREIL D'ECLAIRAGE A TEMPERATURE DE COULEUR SELECTIONNABLE**
[72] BRUCKNER, BENJAMIN, US
[72] RODRIGUEZ, YAN, US
[73] ABL IP HOLDING LLC, US
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[54] **SIDE FRAME CENTER CORE CONSTRUCTION AND METHOD**
[54] **CONSTRUCTION DE NOYAU CENTRAL DE CADRE LATERAL ET PROCEDE**
[72] GOTLUND, ERIK L., US
[72] MANIBHARATHI, ROSHAN N., US
[73] NEVIS INDUSTRIES LLC, US
[85] 2019-01-29
[86] 2017-07-28 (PCT/US2017/044449)
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[54] **SPACER ASSEMBLY FOR A HYDRAULIC CYLINDER**
[54] **ENSEMBLE D`ENTRETOISES POUR UN VERIN HYDRAULIQUE**
[72] THORSELL, ERIK, US
[73] GREAT PLAINS MANUFACTURING, INC., US
[86] (3032450)
[87] (3032450)
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[30] US (16/217,260) 2018-12-12

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[25] EN
[54] **ALUMINUM-COMPATIBLE COMPOSITIONS FOR 2-PART ALKALINE DISINFECTANTS AND SANITIZERS**
[54] **COMPOSITIONS COMPATIBLES AVEC L'ALUMINIUM POUR DESINFECTANTS ET AGENTS D'ASSAINISSEMENT ALCALINS A 2 CONSTITUANTS**
[72] FU, EDWARD, US
[72] WOZNIAK, MARK, US
[72] BERGSTROM, CHRIS, US
[73] STERILEX, LLC, US
[85] 2019-01-31
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[54] **ANTIBODY TO PROGRAMMED DEATH-LIGAND 1 (PD-L1) AND USE THEREOF**
[54] **ANTICORPS DIRIGE CONTRE LE LIGAND 1 DE MORT PROGRAMMEE (PD-L1) ET SON UTILISATION**
[72] PARK, JAE EUN, KR
[72] CHOI, SOO A, KR
[72] LEE, JISU, KR
[72] LEE, HYUN MI, KR
[72] LEE, SI HYUNG, KR
[72] BAEK, GI SUN, KR
[72] KIM, YEUNG CHUL, KR
[72] PARK, BUM-CHAN, KR
[72] LIM, JUNG CHAE, KR
[72] CHO, YOUNG-GYU, KR
[72] PARK, YOUNG WOO, KR
[73] Y-BIOLOGICS INC., KR
[85] 2019-02-01
[86] 2017-08-07 (PCT/KR2017/008495)
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[30] KR (10-2016-0100211) 2016-08-05
[30] KR (10-2017-0099673) 2017-08-07

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[54] **SURGICAL LIGATION CLIP**
[54] **PINCE DE LIGATURE CHIRURGICALE**
[72] RAMSEY, MICHAEL DELL, US
[72] FOSHEE, DAVID LEE, US
[73] TELEFLEX MEDICAL INCORPORATED, US
[85] 2019-02-01
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[54] **JOINT DE SORTIE DE TUBAGE POURVU DE PROFILES DE GUIDAGE ET PROCEDES D'UTILISATION**
[72] VAN DER VEEN, STEFFEN HELGESEN, NO
[72] DAHL, ESPEN, NO
[72] FALNES, MORTEN, NO
[72] TELFER, STUART ALEXANDER, GB
[72] HEPBURN, NEIL, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **GEN II METER SYSTEM WITH MULTIPLE PROCESSORS, MULTIPLE DETECTION SENSOR TYPES, FAULT TOLERANCE METHODS, POWER SHARING AND MULTIPLE USER INTERFACE METHODS**
[54] **SYSTEME DE PARCOMETRES DE 2E GENERATION AVEC MULTIPROCESSEURS, TYPES DE CAPTEURS MULTIPLES, METHODES DE TOLERANCE DES FAUTES, METHODES DE PARTAGE DU COURANT ET D'APPLICATION AUX INTERFACES DE GROUPE**
[72] FASCIANO, DAVID, US
[72] GROFT, ERIC, US
[72] KELLER, SCOTT, US
[72] KRSTANOVIC, CHRIS, US
[72] SWIEDLER, TOM, US
[73] FYBR LLC, US
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[54] **MULTISTAGE DRYING APPARATUS AND MULTISTAGE DRYING METHOD FOR SHEET MATERIAL TO BE TREATED**
[54] **APPAREIL DE SECHAGE A ETAGES MULTIPLES ET PROCEDE DE SECHAGE A ETAGES MULTIPLES POUR MATERIAUX EN PLAQUES A TRAITER**
[72] ISHIGURO, MASARU, JP
[72] MIZUTANI, KEISUKE, JP
[72] KATO, WATARU, JP
[72] SATO, NORIYUKI, JP
[72] AOYAMA, KAZUYA, JP
[73] TAIHEI MACHINERY WORKS, LTD., JP
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[54] **SYSTEM AND TRANSMITTER FOR COMMUNICATION WITHIN DESIGNATED SYSTEM BANDWIDTH**
[54] **SYSTEME ET EMETTEUR OU COMMUNICATION DANS UNE LARGEUR DE BANDE DE SYSTEME DESIGNEE**
[72] MAYER, FRANK, DE
[72] WANSCH, RAINER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **ROADSIDE COMMUNICATION APPARATUS AND IN-VEHICLE COMMUNICATION APPARATUS**
[54] **APPAREIL DE COMMUNICATION EN BORDURE DE ROUTE ET APPAREIL DE COMMUNICATION A BORD D'UN VEHICULE**
[72] KAWAI, KATSUYA, JP
[72] IKAWA, MASAHIKO, JP
[72] TSUDA, YOSHIAKI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[72] ABERG, PER, SE
[72] TOFTLING, JOHAN, SE
[72] PETTERSSON, MIKAEL, SE
[72] LENNARTSSON, JAKOB, SE
[73] ESAB AB, SE
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[54] **WATER FILTER SYSTEM**
[54] **SYSTEME DE FILTRATION D'EAU**
[72] KRUCKENBERG, CHRISTOPHER A., US
[72] MORRISON, JOHN W., US
[72] SPINDLER, JEFFREY A., US
[73] WHIRLPOOL CORPORATION, US
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[54] **WELL PACKERS**
[54] **GARNITURES D'ETANCHEITE DE PUITS**
[72] BURCKHARD, SHANE R., US
[72] EZELL, MICHAEL D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM AND METHOD FOR PACKAGING POWDERS**
[54] **SYSTEME ET PROCEDE D'EMBALLAGE DE POUDRES**
[72] RAPPARINI, GINO, IT
[73] ICA SPA, IT
[85] 2019-02-28
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[54] **VEHICLE MODE DETECTION SYSTEMS**
[54] **SYSTEMES DE DETECTION DE MODE DE VEHICULE**
[72] HARISH, PRATHEEK M., US
[72] DALY, AARON D., US
[72] BER, JEREMY, US
[72] CARBERY, ANDREW L., US
[73] ALLSTATE INSURANCE COMPANY, US
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[54] **SELECTIVE DIFFUSION INCLUSION FOR A RESERVOIR SIMULATION FOR HYDROCARBON RECOVERY**
[54] **INCLUSION DE DIFFUSION SELECTIVE POUR UNE SIMULATION DE RESERVOIR POUR UNE RECUPERATION D'HYDROCARBURES**
[72] MOHEBBINIA, SAEEDEH, US
[72] WONG, TERRY WAYNE, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-04
[86] 2017-08-02 (PCT/US2017/045071)
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[54] **VEHICLE TO VEHICLE COMMUNICATIONS DEVICE AND METHODS FOR RECREATIONAL VEHICLES**
[54] **DISPOSITIF DE COMMUNICATION DE VEHICULE A VEHICULE ET PROCEDES POUR DES VEHICULES DE LOISIRS**
[72] POST, BENJAMIN L., US
[72] KROSSCHELL, BRIAN D., US
[72] BETCHER, BENJAMIN J., US
[73] POLARIS INDUSTRIES INC., US
[85] 2019-03-05
[86] 2017-09-12 (PCT/US2017/051120)
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[54] **AUDIO APPARATUS AND AUDIO PROVIDING METHOD THEREOF**
[54] **APPAREIL AUDIO ET PROCEDE AUDIO CORRESPONDANT**
[72] CHON, SANG-BAE, KR
[72] KIM, SUN-MIN, KR
[72] JO, HYUN, KR
[72] KIM, JEONG-SU, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **EXTERNALLY MOUNTABLE FAULT INDICATOR ASSEMBLIES FOR ELECTRICAL DEVICES, SYSTEMS INCORPORATING SAME, AND METHODS OF USING SAME**
[54] **ASSEMBLAGES D'INDICATEUR DE DEFAILLANCE INSTALLABLE DE MANIERE EXTERNE DESTINES A DES DISPOSITIFS ELECTRIQUES, SYSTEMES INCORPORANT LESDITS ASSEMBLAGES ET METHODES D'UTILISATION ASSOCIEES**
[72] GONZALEZ DE LA VEGA ROSALES, JORGE, MX
[73] WEIDMANN HOLDING AG, CH
[73] ORTO DE MEXICO, S.A. DE C.V., MX
[86] (3037318)
[87] (3037318)
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[25] EN
[54] **DYNAMIC REPUTATION INDICATOR FOR OPTIMIZING COMPUTER SECURITY OPERATIONS**
[54] **INDICATEUR DE REPUTATION DYNAMIQUE POUR OPTIMISER DES OPERATIONS DE SECURITE INFORMATIQUE**
[72] HAJMASAN, GHEORGHE-FLORIN, RO
[72] MONDOC, ALEXANDRA, RO
[72] PORTASE, RADU-MARIAN, RO
[73] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **A REFRACTORY MATERIAL FOR SLIDING NOZZLE PLATE AND A METHOD FOR PRODUCING THE SAME**
[54] **PLACAGE RESISTANT AU FEU DESTINE A UNE BUSE COULISSANTE, ET PROCEDE DE FABRICATION DUDIT PLACAGE RESISTANT AU FEU**
[72] AKAMINE, KEIICHIRO, JP
[72] MAKINO, TARO, JP
[72] OOMARU, ZENTA, JP
[73] KROSAKIHARIMA CORPORATION, JP
[85] 2019-03-19
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[25] EN
[54] **WIRED MOTOR FOR REALTIME DATA**
[54] **MOTEUR FILAIRE POUR DONNEES EN TEMPS REEL**
[72] JONES, STEPHEN, US
[72] SUGIURA, JUNICHI, US
[73] SANVEAN TECHNOLOGIES LLC, US
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[54] **WEIGHING DEVICE AND METHOD FOR WEIGHING A PRODUCT**
[54] **DISPOSITIF DE PESAGE ET PROCEDE PERMETTANT DE PESER UN PRODUIT**
[72] POLOMSKI, JURGEN, DE
[73] ESPERA-WERKE GMBH, DE
[85] 2019-03-22
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[54] **DYNAMIC ADJUSTMENT OF WRAP FORCE PARAMETER RESPONSIVE TO MONITORED WRAP FORCE AND/OR FOR FILM BREAK REDUCTION**
[54] **REGLAGE DYNAMIQUE DU PARAMETRE DE FORCE D'ENVELOPPEMENT EN REPONSE A LA FORCE D'ENVELOPPEMENT CONTROLEE ET/OU POUR LA REDUCTION DES RUPTURES DE FILM**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[72] JOHNSON, RICHARD L., US
[72] MCCRAY, JEREMY D., US
[73] LANTECH.COM, LLC, US
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[54] **SOUS-ENSEMBLE DE FIBRE OPTIQUE, ADAPTATEUR DE FIBRE OPTIQUE ET CONNECTEUR DE FIBRE OPTIQUE**
[72] HUANG, XUESONG, CN
[72] YANG, BO, CN
[72] WU, WENXIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHOD AND APPARATUS FOR STATE/MODE TRANSITIONING**
[54] **PROCEDE ET APPAREIL ASSURANT DES TRANSITIONS D'ETAT ET DE MODE**
[72] DWYER, JOHANNA LISA, CA
[72] CARPENTER, PAUL MARCUS, CA
[73] BLACKBERRY LIMITED, CA
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[54] **HOCKEY BLADE WITH PIN-REINFORCED CORE**
[54] **LAME DE HOCKEY A AME RENFORCEE PAR DES BROCHES**
[72] CARON KARDOS, JEAN-FREDERIK, CA
[72] DUCHARME, MATHIEU, CA
[73] BAUER HOCKEY LTD., CA
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[54] **RECUPERATION PAR FLOTTATION HYBRIDE DE MINERAIS CONTENANT DES MINERAUX**
[72] KERSEY, ALAN D., US
[73] CIDRA CORPORATE SERVICES LLC, US
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[54] **TRAILER STABILIZER**
[54] **STABILISATEUR DE REMORQUE**
[72] KIMENER, ROBERT PETER, US
[72] KIMENER, THOMAS TERRANCE, US
[72] WAHLSTROM, DANIEL, US
[73] STABILOCK LLC, US
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[25] EN
[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
[73] DOLBY INTERNATIONAL AB, NL
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[54] **TRITIATED PLANAR CARBON FORMS**
[54] **FORMES CARBONEES PLANAIRES TRITIEES**
[72] FILER, CRIST N., US
[73] PERKINELMER HEALTH SCIENCES, INC., US
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[54] **ATTERRISSEUR POURVU D'UN DISPOSITIF PARE-FOUDRE**
[72] GUI, JEROME, FR
[72] AVENET, ALEXANDRE, FR
[72] PIZANA, PIERRE, FR
[72] SERIGNAC, YVAIN, FR
[73] SAFRAN LANDING SYSTEMS, FR
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[25] EN
[54] **HALF-MOON LIFTING DEVICE**
[54] **DISPOSITIF DE LEVAGE EN DEMI-LUNE**
[72] REEDY, MAX, US
[73] TRINITY BAY EQUIPMENT HOLDINGS, LLC, US
[85] 2018-12-21
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[25] EN
[54] **BELLOWS MOTOR EXPANSION CHAMBER FOR AN ELECTRIC SUBMERSIBLE PUMP**
[54] **CHAMBRE D'EXPANSION DE MOTEUR A SOUFFLET POUR POMPE ELECTRIQUE SUBMERSIBLE**
[72] PARMETER, LARRY JAMES, US
[72] FREY, JEFFREY G., US
[72] KING, MATTHEW THOMAS, US
[72] LEAMY, BRETT D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DOWNHOLE WELLBORE HIGH POWER LASER HEATING AND FRACTURING STIMULATION AND METHODS**
[54] **STIMULATION ET PROCEDES DE FRACTURATION ET DE CHAUFFAGE AU LASER DE HAUTE PUISSANCE DE PUITS DE FORAGE DE FOND DE TROU**
[72] BATARSEH, SAMEEH ISSA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-05-31
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[25] EN
[54] **METHOD FOR OPERATING A CABLE CAR SYSTEM AND CABLE CAR SYSTEM FOR CARRYING OUT THIS OPERATING METHOD**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE INSTALLATION DE TELEPHERIQUE ET INSTALLATION DE TELEPHERIQUE SERVANT A LA MISE EN OEUVRE DE CE PROCEDE DE FONCTIONNEMENT**
[72] MATHIS, MICHAEL, AT
[72] LUGER, PETER, AT
[72] HOFER, MICHAEL, AT
[72] BISSIG, IWAN, CH
[73] ROPETRANS AG, CH
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[54] **FLEXIBLE CONNECTOR**
[54] **CONNECTEUR FLEXIBLE**
[72] HARTMAN, JEFFREY DAVID, US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2019-06-06
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[25] EN
[54] **HYDROCARBON COMPOSITION AND METHOD FOR PRODUCING A HYDROCARBON COMPOSITION**
[54] **COMPOSITION HYDROCARBONEE ET PROCEDE DE PRODUCTION D'UNE COMPOSITION HYDROCARBONEE**
[72] ROUHIAINEN, MAIJA, FI
[72] NYMAN, TOMI, FI
[72] RAMO, VIRPI, FI
[72] KARVO, ANNA, FI
[73] NESTE OYJ, FI
[85] 2019-06-14
[86] 2017-12-14 (PCT/FI2017/050895)
[87] (WO2018/109278)
[30] FI (20165977) 2016-12-16

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[51] **Int.Cl. A62C 2/00 (2006.01) A62C 2/04 (2006.01)**
[25] EN
[54] **FREQUENCY FIRE EXTINGUISHER**
[54] **EXTINCTEUR D'INCENDIE A FREQUENCES**
[72] CASAMENTO, MICHAEL, US
[73] CASAMENTO, MICHAEL, US
[85] 2019-06-21
[86] 2018-01-10 (PCT/US2018/013153)
[87] (WO2018/140237)
[30] US (15/415,757) 2017-01-25

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[51] **Int.Cl. E04F 15/02 (2006.01) A47B 96/20 (2006.01) B27N 3/04 (2006.01) B32B 5/18 (2006.01) B32B 21/02 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 38/14 (2006.01) B41M 1/26 (2006.01) B44C 5/00 (2006.01) B44F 9/00 (2006.01)**
[25] EN
[54] **PANEL AND METHODS FOR MANUFACTURING PANELS**
[54] **PANNEAU ET PROCEDES PERMETTANT DE FABRIQUER DES PANNEAUX**
[72] MEERSSEMAN, LAURENT, BE
[72] SEGAERT, MARTIN, BE
[72] THIERS, BERNARD, BE
[72] CLEMENT, BENJAMIN, BE
[72] MAESEN, CHRISTOPHE, BE
[73] FLOORING INDUSTRIES LIMITED, SARL, LU
[86] (3049528)
[87] (3049528)
[22] 2011-04-28
[62] 2,795,956
[30] BE (BE2010/0283) 2010-05-10
[30] BE (BE2010/0323) 2010-05-27
[30] BE (BE2010/0420) 2010-07-09
[30] BE (BE2010/0713) 2010-11-29

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[51] **Int.Cl. A42B 3/22 (2006.01) A42B 1/06 (2021.01) A42B 3/18 (2006.01) F41H 1/04 (2006.01)**
[25] EN
[54] **HELMET MOUNTED VISOR**
[54] **VISIERE MONTEE SUR UN CASQUE**
[72] FRIEDER, LEONARD P., III, US
[72] HANUDEL, MATTHEW, US
[73] GENTEX CORPORATION, US
[85] 2019-07-09
[86] 2018-01-13 (PCT/US2018/013676)
[87] (WO2018/132777)
[30] US (62/445,757) 2017-01-13

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[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 9/00 (2006.01) G05D 1/02 (2020.01)**
[25] EN
[54] **EXCAVATING EARTH FROM A DIG SITE USING AN EXCAVATION VEHICLE**
[54] **EXCAVATION DE TERRE A PARTIR D'UN SITE D'EXCAVATION A L'AIDE D'UN VEHICULE D'EXCAVATION**
[72] CHOU, LINUS, US
[72] WALKER, EDWARD, US
[72] WAWRZONEK, CHRISTIAN, US
[72] READY-CAMPBELL, CYRUS, US
[72] READY-CAMPBELL, NOAH, US
[72] LIANG, ANDREW, US
[73] BUILT ROBOTICS INC., US
[85] 2019-07-17
[86] 2018-01-22 (PCT/US2018/014727)
[87] (WO2018/136889)
[30] US (62/449,443) 2017-01-23
[30] US (62/510,576) 2017-05-24
[30] US (62/514,341) 2017-06-02

[11] **3,051,147**
[13] C
[51] **Int.Cl. H01R 13/52 (2006.01) H01R 13/622 (2006.01)**
[25] EN
[54] **PACKING MEMBER FOR WATERPROOF ELECTRIC CONNECTOR**
[54] **PIECE D`EMPAQUETAGE POUR CONNECTEUR ELECTRIQUE ETANCHE**
[72] EUN, SUNG GUEN, KR
[73] FROG ELECTRIC., KR
[86] (3051147)
[87] (3051147)
[22] 2019-08-02
[30] KR (10-2018-0110768) 2018-09-17

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[51] **Int.Cl. G02B 6/36 (2006.01) A61B 1/00 (2006.01) G02B 23/24 (2006.01) G02B 27/02 (2006.01)**
[25] EN
[54] **IMPROVED OPTICAL COUPLER FOR OPTICAL IMAGING VISUALIZATION DEVICE**
[54] **RACCORD OPTIQUE AMELIORE DESTINE A UN DISPOSITIF DE VISUALISATION D'IMAGERIE OPTIQUE**
[72] MILLER, SCOTT, US
[73] MILLER, SCOTT, US
[86] (3051165)
[87] (3051165)
[22] 2015-09-23
[62] 2,962,412
[30] US (14/484,090) 2014-09-23

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[51] **Int.Cl. B62D 55/24 (2006.01)**
[25] EN
[54] **ENDLESS TRACK FOR TRACTION OF AN OFF-ROAD VEHICLE SUCH AS AN ALL-TERRAIN VEHICLE (ATV) OR A SNOWMOBILE**
[54] **CHENILLE SANS FIN POUR TRACTION D'UN VEHICULE HORS ROUTE, COMME UN VEHICULE TOUT-TERRAIN (VTT) OU UNE MOTONEIGE**
[72] ZUCHOSKI, JEREMIE, CA
[72] JEAN, BERNARD, CA
[73] CAMSO INC., CA
[86] (3051901)
[87] (3051901)
[22] 2012-10-11
[62] 2,792,114

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[51] **Int.Cl. E04F 13/08 (2006.01)**
[25] EN
[54] **WALL-MATERIAL MOUNTING MEMBER AND WALL STRUCTURE**
[54] **DISPOSITIF DE FIXATION DE MATERIAU DE PAROI ET STRUCTURE DE PAROI**
[72] SAWADA, YOUHEI, JP
[73] NICHIHA CORPORATION, JP
[85] 2019-08-08
[86] 2018-03-07 (PCT/JP2018/008767)
[87] (WO2018/164183)
[30] JP (2017-044666) 2017-03-09

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[13] C
[51] **Int.Cl. A47J 31/053 (2006.01) A47J 31/36 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[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
[73] 2266170 ONTARIO INC., CA
[85] 2019-08-13
[86] 2018-02-14 (PCT/CA2018/050166)
[87] (WO2018/148828)
[30] US (62/459,137) 2017-02-15
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[11] **3,056,753**
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[51] **Int.Cl. F04C 29/02 (2006.01) F04C 18/10 (2006.01) F04C 25/02 (2006.01) F04C 27/00 (2006.01)**
[25] EN
[54] **EPITROCHOIDAL VACUUM PUMP**
[54] **POMPE A VIDE EPITROCHOIDALE**
[72] VALKENBERG, RALPH, DE
[72] BOUWMEESTER, LUKE, DE
[73] STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD., CA
[85] 2019-09-16
[86] 2018-04-06 (PCT/IB2018/052419)
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[11] **3,057,770**
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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/126 (2014.01) H04N 19/176 (2014.01) G06T 9/00 (2006.01)**
[25] EN
[54] **METHOD OF GENERATING RECONSTRUCTED BLOCK**
[54] **PROCEDE DE GENERATION DE BLOC RECONSTRUIT**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] INFOBRIDGE PTE. LTD., SG
[86] (3057770)
[87] (3057770)
[22] 2012-11-02
[62] 2,976,066
[30] KR (10-2011-0114609) 2011-11-04

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[25] EN
[54] **MANAGING SENSITIVE DATA ELEMENTS IN A BLOCKCHAIN NETWORK**
[54] **GESTION D'ELEMENTS DE DONNEES SENSIBLES DANS UN RESEAU DE CHAINES DE BLOCS**
[72] FENG, ZHIYUAN, CN
[72] LI, YANPENG, CN
[72] CHENG, LONG, CN
[73] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
[85] 2019-09-26
[86] 2019-03-29 (PCT/CN2019/080493)
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[13] C
[51] **Int.Cl. A01K 13/00 (2006.01) A01K 29/00 (2006.01) F26B 3/08 (2006.01) F26B 21/00 (2006.01)**
[25] EN
[54] **DRYING APPARATUS FOR PET**
[54] **APPAREIL DE SECHAGE POUR ANIMAL DE COMPAGNIE**
[72] YOON, TAESOO, KR
[73] YOON, TAESOO, KR
[85] 2019-09-26
[86] 2017-07-21 (PCT/KR2017/007891)
[87] (WO2018/182099)
[30] KR (10-2017-0038617) 2017-03-27

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[13] C
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 21/62 (2013.01) G06F 21/64 (2013.01) G06F 16/27 (2019.01)**
[25] EN
[54] **RETRIEVING ACCESS DATA FOR BLOCKCHAIN NETWORKS USING HIGHLY AVAILABLE TRUSTED EXECUTION ENVIRONMENTS**
[54] **RECUPERATION DE DONNEES D'ACCES POUR DES RESEAUX DE CHAINES DE BLOCS AU MOYEN D'ENVIRONNEMENTS D'EXECUTION SECURISES HAUTEMENT DISPONIBLES**
[72] YU, YIRONG, CN
[73] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
[85] 2019-09-27
[86] 2019-03-29 (PCT/CN2019/080478)
[87] (WO2019/120325)

[11] **3,061,294**
[13] C
[51] **Int.Cl. B60T 13/22 (2006.01) B60T 15/04 (2006.01)**
[25] EN
[54] **BRAKE SYSTEM, MINE VEHICLE AND METHOD OF RELEASING BRAKES**
[54] **SYSTEME DE FREINAGE, VEHICULE MINIER ET PROCEDE DE DEBLOCAGE DE FREINS**
[72] SUOMI, JUSSI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2019-10-23
[86] 2018-06-01 (PCT/EP2018/064460)
[87] (WO2018/228830)
[30] EP (17176175.2) 2017-06-15

[11] **3,061,538**
[13] C
[51] **Int.Cl. A61B 5/06 (2006.01) A61B 34/20 (2016.01) A61B 6/02 (2006.01)**
[25] EN
[54] **REMOVING GHOST MARKERS FROM A MEASURED SET OF MEDICAL MARKERS**
[54] **ELIMINATION DE MARQUEURS FANTOMES A PARTIR D'UN ENSEMBLE MESURE DE MARQUEURS MEDICAUX**
[72] GOETTE, HUBERT, DE
[72] HEINRICH, STEFFEN, DE
[73] BRAINLAB AG, DE
[85] 2019-10-25
[86] 2017-04-27 (PCT/EP2017/060098)
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[13] C
[51] **Int.Cl. B01D 35/02 (2006.01) E04D 13/08 (2006.01)**
[25] EN
[54] **REMOVABLE RAINWATER DOWNSPOUT FILTER**
[54] **FILTRE AMOVIBLE DE TUYAU DE DESCENTE DE GOUTTIERES**
[72] NEUMANN, HORST, CA
[73] NEUMANN, HORST, CA
[86] (3061591)
[87] (3061591)
[22] 2019-11-14

[11] **3,061,666**
[13] C
[51] **Int.Cl. A61K 38/46 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **RNASE FOR USE IN TREATING OR PREVENTING VIRAL INFECTIONS**
[54] **RNASE POUR UNE UTILISATION DANS LE TRAITEMENT OU LA PREVENTION D'INFECTIONS VIRALES**
[72] HODGE, THOMAS, US
[73] ORGENESIS INC., US
[86] (3061666)
[87] (3061666)
[22] 2015-03-26
[62] 2,942,706
[30] US (14/229,816) 2014-03-28
[30] US (14/247,723) 2014-04-08
[30] US (14/316,893) 2014-06-27
[30] US (62/040,885) 2014-08-22
[30] US (62/063,551) 2014-10-14
[30] US (62/102,671) 2015-01-13
[30] US (14/667,282) 2015-03-24

[11] **3,062,126**
[13] C
[51] **Int.Cl. B01F 15/00 (2006.01) B01F 9/22 (2006.01)**
[25] EN
[54] **CONTAINER ASSEMBLY AND ADAPTER THEREFOR**
[54] **ENSEMBLE RECIPIENT ET SON ADAPTATEUR**
[72] DANOPOULOS, PANAGIOTA, CA
[72] JOINER, MARC, CA
[72] BADER, PATRICK-MARTIN, CA
[72] NYAT PENG WONG, SARAH, CA
[72] TALEBI, VARGHA, CA
[73] MEDISCA PHARMACEUTIQUE INC., CA
[86] (3062126)
[87] (3062126)
[22] 2017-11-10
[62] 3,043,494
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[51] **Int.Cl. E04G 11/48 (2006.01) E04G 11/38 (2006.01) E04G 11/50 (2006.01) E04G 25/06 (2006.01)**
[25] EN
[54] **METHOD OF INSTALLING A FORMWORK SUPPORT SYSTEM, FORMWORK SUPPORT SYSTEM AND LONGITUDINAL BEAM**
[54] **PROCEDE D'INSTALLATION D'UN SYSTEME DE SUPPORT DE COFFRAGE, SYSTEME DE SUPPORT DE COFFRAGE ET POUTRE LONGITUDINALE**
[72] BARON, CHRISTOPH, AT
[72] AUGUSTIN, ALEXANDER, AT
[73] DOKA GMBH, AT
[85] 2019-11-27
[86] 2018-07-10 (PCT/EP2018/068586)
[87] (WO2019/011881)
[30] US (15/645,201) 2017-07-10

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[13] C
[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/60 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **THIRD-PARTY AUTHORIZATION SUPPORT FOR INTERACTIVE COMPUTING ENVIRONMENT FUNCTIONS**
[54] **PRISE EN CHARGE D'AUTORISATION DE TIERS POUR DES FONCTIONS D'UN ENVIRONNEMENT INFORMATIQUE INTERACTIF**
[72] TALWAR, HRISHI, US
[73] EQUIFAX, INC., US
[85] 2019-12-18
[86] 2018-06-28 (PCT/US2018/040055)
[87] (WO2019/006144)
[30] US (62/526,763) 2017-06-29

[11] **3,068,886**
[13] C
[51] **Int.Cl. B65D 90/22 (2006.01) B65D 90/48 (2006.01) E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **A CHEMICAL STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE PRODUITS CHIMIQUES**
[72] LAMBERT, BRYAN SCOTT, US
[72] PHILLIPS, BRIAN LEE, US
[73] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
[86] (3068886)
[87] (3068886)
[22] 2020-01-21
[30] US (62/795,885) 2019-01-23

[11] **3,071,844**
[13] C
[51] **Int.Cl. B26B 1/00 (2006.01) B26B 1/02 (2006.01) B26B 1/08 (2006.01) B26B 5/00 (2006.01)**
[25] EN
[54] **SINGLE-ACTION CONVERTIBLE UTILITY KNIFE AND SCRAPER**
[54] **COUTEAU UNIVERSEL TRANSFORMABLE A SIMPLE ACTION ET GRATTOIR**
[72] PANOSIAN, MICHAEL H., US
[72] KEELER, JOSHUA, US
[73] TOUGHBUILT INDUSTRIES, INC., US
[86] (3071844)
[87] (3071844)
[22] 2020-02-10
[30] US (16/506,186) 2019-07-09

[11] **3,074,346**
[13] C
[51] **Int.Cl. B07C 5/342 (2006.01)**
[25] EN
[54] **CLASSIFICATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CLASSIFICATION**
[72] BALTHASAR, DIRK, DE
[72] MAYER, MICHAEL, DE
[72] MCGLOUGHLIN, JOHN, IE
[73] TOMRA SORTING GMBH, DE
[85] 2020-02-28
[86] 2018-09-03 (PCT/EP2018/073639)
[87] (WO2019/043231)
[30] EP (17189017.1) 2017-09-01

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[13] C
[51] **Int.Cl. G16H 80/00 (2018.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR EVALUATING COMPLIANCE OF COMMUNICATION OF A DISPATCHER**
[54] **PROCEDES ET SYSTEMES D'EVALUATION DE LA CONFORMITE DE LA COMMUNICATION D'UN REPARTITEUR**
[72] HO, SHYAN JENQ, MY
[72] V K CHACKO, V. C. PRAKASH, MY
[72] KHOO, KAI BOON, MY
[72] CHE AT, MOHD HISHAM MUDDIN, MY
[72] LIAW, WEI LING CECILIA, MY
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2020-05-27
[86] 2018-11-19 (PCT/US2018/061787)
[87] (WO2019/112785)
[30] US (15/836,397) 2017-12-08

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[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **CROSS-BLOCKCHAIN AUTHENTICATION METHOD, APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE, APPAREIL ET DISPOSITIF ELECTRONIQUE D'AUTHENTIFICATION ENTRE CHAINES DE BLOCS**
[72] QIU, HONGLIN, CN
[73] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
[85] 2020-05-27
[86] 2019-03-28 (PCT/US2019/024522)
[87] (WO2019/195072)
[30] CN (201810291308.4) 2018-04-03

[11] **3,085,838**
[13] C
[51] **Int.Cl. C01B 39/46 (2006.01) B01J 20/18 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **GIS-TYPE ZEOLITE**
[54] **ZEOLITE DE TYPE GIS**
[72] AKAOGI, TAKAYUKI, JP
[73] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2020-06-15
[86] 2019-03-27 (PCT/JP2019/013171)
[87] (WO2019/202933)
[30] JP (2018-078435) 2018-04-16

[11] **3,092,417**
[13] C
[51] **Int.Cl. B60F 1/00 (2006.01) B60F 1/04 (2006.01)**
[25] EN
[54] **HIGHWAY AND RAILWAY DUAL-PURPOSE VEHICLE**
[54] **VEHICULE A DOUBLE USAGE ROUTIER ET FERROVIAIRE**
[72] HU, HAIPING, CN
[72] LUO, HUI, CN
[72] LIU, DANYAN, CN
[72] JIANG, RUIJIN, CN
[72] LIU, FENGWEI, CN
[72] LI,, ZIMING, CN
[72] PENG, XIANHONG, CN
[72] YAO, XIONG, CN
[72] XIANG, ZHIYING, CN
[72] WU, XIANNIAN, CN
[72] HUANG, CHUNYU, CN
[73] CRRC YANGTZE CO., LTD., CN
[85] 2020-08-27
[86] 2019-04-12 (PCT/CN2019/082436)
[87] (WO2020/019763)
[30] CN (201810846327.9) 2018-07-27
[30] CN (201821211150.7) 2018-07-27

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[13] C
[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 1/27 (2006.01) H01Q 13/10 (2006.01)**
[25] EN
[54] **WINDOW ASSEMBLY WITH HEATING AND ANTENNA FUNCTIONS**
[54] **ENSEMBLE FENETRE A FONCTIONS DE CHAUFFAGE ET D'ANTENNE**
[72] DAI, DAVID, US
[73] PITTSBURGH GLASS WORKS, LLC, US
[85] 2020-09-04
[86] 2019-03-05 (PCT/US2019/020659)
[87] (WO2019/173273)
[30] US (62/638,504) 2018-03-05

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[13] C
[51] **Int.Cl. A01K 69/06 (2006.01) A01K 74/00 (2006.01) A01K 75/02 (2006.01) A01K 79/02 (2006.01) A01K 85/01 (2006.01)**
[25] EN
[54] **LIGHT BAIT**
[54] **APPAT LUMINEUX**
[72] TROBOLOWITSCH, FRIEDRICH, AT
[73] TROBOLOWITSCH, FRIEDRICH, AT
[85] 2020-09-30
[86] 2019-04-05 (PCT/EP2019/058676)
[87] (WO2019/193168)
[30] EP (18166148.9) 2018-04-06
[30] US (15/999,173) 2018-08-17
[30] US (16/236,011) 2018-12-28

[11] **3,096,601**
[13] C
[51] **Int.Cl. G02B 27/01 (2006.01) G06T 3/40 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **PRESENTING IMAGE TRANSITION SEQUENCES BETWEEN VIEWING LOCATIONS**
[54] **PRESENTATION DE SEQUENCES DE TRANSITION D'IMAGE ENTRE DES EMPLACEMENTS DE VISUALISATION**
[72] LI, YUGUANG, US
[72] GUAN, LI, US
[73] ZILLOW GROUP, INC., US
[85] 2020-10-07
[86] 2019-03-14 (PCT/US2019/022158)
[87] (WO2019/199408)
[30] US (15/950,881) 2018-04-11

[11] **3,096,783**
[13] C
[51] **Int.Cl. A61L 2/20 (2006.01) A01N 63/40 (2020.01) A01N 25/10 (2006.01) A01N 25/28 (2006.01) A01P 1/00 (2006.01) C12N 7/00 (2006.01) C12N 11/02 (2006.01)**
[25] EN
[54] **DISINFECTION OF BACTERIOPHAGES PRODUCTS USING SUPERCRITICAL CARBON DIOXIDE.**
[54] **DESINFECTION DE PRODUITS BACTERIOPHAGES A L'AIDE DE DIOXYDE DE CARBONE SUPERCRITIQUE**
[72] TAWIL, NANCY, CA
[73] PHAGELUX CANADA INC., CA
[85] 2020-11-18
[86] 2020-06-18 (PCT/IB2020/055749)
[87] (3096783)
[30] US (62/864,204) 2019-06-20

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[13] C
[51] **Int.Cl. F28D 21/00 (2006.01) F01K 1/08 (2006.01) F01K 13/02 (2006.01) F03G 4/00 (2006.01) F03G 6/00 (2006.01) F03G 7/00 (2006.01) F24D 10/00 (2006.01) F28D 20/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE CAPTURE OF HEAT ENERGY, LONG-DISTANCE CONVEYANCE, STORAGE, AND DISTRIBUTION OF THE CAPTURED-HEAT ENERGY AND POWER GENERATED THEREFROM**
[54] **SYSTEMES ET PROCEDES POUR LA CAPTURE DE L'ENERGIE THERMIQUE, LE TRANSPORT A LONGUE DISTANCE, LE STOCKAGE ET LA DISTRIBUTION DE L'ENERGIE THERMIQUE CAPTUREE ET DE L'ENERGIE GENEREE A PARTIR DE CEUX-CI**
[72] RADKE, GERALD ALVIN, CA
[73] LOCHTERRA INC., CA
[85] 2020-10-08
[86] 2018-11-13 (PCT/CA2018/051431)
[87] (WO2020/097714)

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[51] **Int.Cl. C07D 311/80 (2006.01) A61K 36/185 (2006.01) C07C 211/10 (2006.01) C07C 211/63 (2006.01) C07D 211/06 (2006.01) C07D 453/02 (2006.01)**
[25] EN
[54] **METHODS FOR EXTRACTION, PROCESSING, AND PURIFICATION OF A SELECTED FAMILY OF TARGET COMPOUNDS FROM CANNABIS**
[54] **PROCEDES D'EXTRACTION, DE TRAITEMENT ET DE PURIFICATION D'UNE FAMILLE SELECTIONNEE DE COMPOSES CIBLES A PARTIR DE CANNABIS**
[72] DURST, TONY, CA
[72] VAN DER VLUGT, JAY, CA
[72] SAIKALEY, AMANDA, CA
[73] NECTAR HEALTH SCIENCES INC., CA
[85] 2021-01-07
[86] 2020-06-12 (PCT/CA2020/050825)
[87] (WO2020/248077)
[30] US (62/860,382) 2019-06-12
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[13] C
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 60/109 (2021.01)**
[25] EN
[54] **DUAL RESERVOIR HEMODIALYSIS SYSTEM**
[54] **SYSTEME D'HEMODIALYSE A DOUBLE RESERVOIR**
[72] KHAWAR, OSMAN, US
[72] POPPE, CLAYTON, US
[73] DIALITY INC., US
[85] 2021-02-03
[86] 2019-10-22 (PCT/US2019/057373)
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[51] **Int.Cl. A63J 1/00 (2006.01)**
[25] EN
[54] **PORTABLE MODULAR STAGE SYSTEM**
[54] **SYSTEME DE SCENE MODULAIRE PORTATIF**
[72] UNKNOWN, XX
[71] MIWAY DESIGNS, CA
[22] 2019-10-11
[41] 2021-04-11

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[51] **Int.Cl. F16H 39/02 (2006.01) F16H 61/4043 (2010.01) B63H 23/26 (2006.01) F01C 1/332 (2006.01) F01C 19/00 (2006.01)**
[25] EN
[54] **DISTANT HYDRAULIC CLUTCH WITH TRANSMISSION**
[54] **EMBRAYAGE HYDRAULIQUE DISTANT ET TRANSMISSION**
[72] NGUYEN, MINH V., CA
[71] NGUYEN, MINH V., CA
[22] 2019-10-15
[41] 2021-04-15

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[13] A1
[51] **Int.Cl. B60R 25/31 (2013.01) B60R 25/102 (2013.01)**
[25] FR
[54] **CHILD CAR SEAT PASSENGER WARNING DEVICE**
[54] **DISPOSITIF AVERTISSEUR DE PRESENCE PASSAGER DE SIEGE AUTO POUR ENFANT**
[72] FOTSO TALA, VALERY MARTIAL, CA
[71] FOTSO TALA, VALERY MARTIAL, CA
[22] 2019-10-15
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[51] **Int.Cl. A23L 33/105 (2016.01) A23L 5/00 (2016.01) A61K 36/185 (2006.01)**
[25] EN
[54] **WHOLE PLANT BASE CONDIMENT THAT COMPLEMENTS HEALTHY BODY FUNCTION AND REVITALIZATION**
[54] **CONDIMENT A BASE DE PLANTES ENTIERES QUI COMPLEMENTE DES FONCTIONS CORPORELLES SAINES ET LA REVITALISATION**
[72] LADOUCEUR, ANDRE L., CA
[71] LADOUCEUR, ANDRE L., CA
[22] 2019-10-15
[41] 2021-04-15

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[51] **Int.Cl. A61F 9/007 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **GLAUCOMA SHUNTS AND RELATED METHODS OF USE**
[54] **ANASTOMOSES GLAUCOMATEUSES ET METHODES D`UTILISATION CONNEXES**
[72] SEKHAVAT, HOUFAR, CA
[72] SHOHAM-HAZON, NIR, CA
[71] SEKHAVAT, HOUFAR, CA
[71] SHOHAM-HAZON, NIR, CA
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[51] **Int.Cl. B65B 11/00 (2006.01) B65B 11/58 (2006.01)**
[25] EN
[54] **APPARATUS FOR WRAPPING A LOAD AND ASSOCIATED METHODS**
[54] **APPAREIL D`EMBALLAGE D`UNE CHARGE ET METHODES CONNEXES**
[72] LOPES, GUY, CA
[72] TREMBLAY, PRISCILLE, CA
[71] WULFTEC INTERNATIONAL INC., CA
[22] 2019-10-11
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[25] EN
[54] **COGENERATION TURBINES FOR POWER AND DESALINATION OF SEA WATER**
[54] **TURBINES DE COGENERATION POUR LA PRODUCTION D`ENERGIE ET LE DESSALEMENT DE L`EAU DE MER**
[72] SHERIF AH, ATTA, CA
[71] SHERIF AH, ATTA, CA
[22] 2019-10-11
[41] 2021-04-11

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H04W 84/18 (2009.01) H04W 4/80 (2018.01) H02H 3/00 (2006.01) H04B 3/54 (2006.01) H01G 11/00 (2013.01)**
[25] EN
[54] **A SMART, SELF-FEEDING FUSE WITH CURRENT DETECTION AND COMMUNICATION CAPABILITIES**
[54] **FUSIBLE INTELLIGENT A ALIMENTATION AUTONOME AVEC CAPACITES DE DETECTION DU COURANT ET DE COMMUNICATION**
[72] LELLIS JUNIOR, CELSO GARCIA, BR
[72] OLIVEIRA, AYRES ANTONIO DE PAES DE, BR
[71] LELLIS JUNIOR, CELSO GARCIA, BR
[71] OLIVEIRA, AYRES ANTONIO DE PAES DE, BR
[22] 2019-10-15
[41] 2021-04-15

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[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND MEDIA FOR CONTROLLING A TOOLFACE OF A DOWNHOLE TOOL**
[54] **METHODES, SYSTEMES ET SUPPORT POUR CONTROLER UNE FACE FONCTIONNELLE D`UN OUTIL DE FOND DE TROU**
[72] NEUFELDT, ADAM CHASE, CA
[72] ELEY, BRIAN JAMES, CA
[72] WILSON, THOMAS WILLIAM CHARLES, CA
[72] HOLT, TREVOR LEIGH, CA
[71] PASON SYSTEMS CORP., CA
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[41] 2021-04-11

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[25] EN
[54] **LUMINAIRE STRUCTURE**
[54] **STRUCTURE LUMINAIRE**
[72] JAMES, THOMAS, CA
[72] YAPHE, HOWARD, CA
[72] MILES, ANDREW, CA
[72] KATZ, JAMIE, CA
[71] AXIS LIGHTING INC., CA
[22] 2019-10-17
[41] 2021-04-17

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[51] **Int.Cl. E03C 1/04 (2006.01) B05B 1/22 (2006.01) F16K 11/074 (2006.01)**
[25] EN
[54] **FAUCET DEVICE**
[54] **DISPOSITIF DE ROBINET**
[72] TZENG, RONG-CHYAN, CN
[71] NCIP INC., CN
[22] 2019-10-15
[41] 2021-04-15

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[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01) G05B 19/406 (2006.01)**
[25] EN
[54] **MACHINE OPERATION TRAINING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE FORMATION A L`OPERATION DE MACHINES**
[72] FISHER, LARRY, CA
[72] GAUDREAULT, PATRICK, CA
[72] EBERL, PETER, CA
[72] EBERL, ROLF, CA
[71] LINKLATER'S LIMITED, CA
[22] 2019-10-15
[41] 2021-04-15

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[51] **Int.Cl. B63B 35/00 (2020.01) B63B 21/56 (2006.01) B63B 25/24 (2006.01) B63B 35/28 (2006.01) B65F 5/00 (2006.01)**
[25] EN
[54] **MARINE DEBRIS SCOW**
[54] **ACCON A DECHETS MARINS**
[72] SPENCER, JAMES, CA
[71] SHIFT ENVIRONMENTAL TECHNOLOGIES LTD., CA
[22] 2019-10-11
[41] 2021-04-11

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01) G06F 16/901 (2019.01)**
[25] EN
[54] **PARAMETER-BASED RECONDITIONING INDEX FOR ESTIMATION OF VEHICLE RECONDITIONING COST**
[54] **INDICE DE REMISE EN ETAT FONDE SUR LES PARAMETRES POUR L`ESTIMATION DES COUTS DE REMISE EN ETAT D`UN VEHICULE**
[72] ABEDINZADEH, SADRA, CA
[72] BRODERICK, DAN, CA
[72] AXELSON, BRUCE, CA
[72] BOTTRELL, CAM, CA
[72] MORRIS, PHILIP J., CA
[71] CARMA AUTOMOTIVE INC., CA
[22] 2019-10-16
[41] 2021-04-16

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[51] **Int.Cl. B41F 17/00 (2006.01) B41F 23/04 (2006.01) B44F 9/00 (2006.01) E06B 9/386 (2006.01)**
[25] EN
[54] **DIRECT PRINTING ONTO EXTRUDED PVC SLATS**
[54] **IMPRESSION DIRECTE SUR DES PALETTES DE PVC EXTRUDEES**
[72] SUDANO, ANGELO, CA
[71] PLASTIBEC INC., CA
[22] 2019-10-16
[41] 2021-04-16

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[13] A1
[51] **Int.Cl. A01G 9/20 (2006.01) F21K 9/00 (2016.01) A01G 7/04 (2006.01) A01G 9/26 (2006.01) F21S 9/02 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ACCELERATING CONVERSION OF PHYTOCHROME ISOFORMS**
[54] **APPAREIL ET METHODE D`ACCELERATION DE LA CONVERSION D`ISOFORMES DE PHYTOCHROME**
[72] NAPIER, JUSTIN, CA
[71] NAPIER, JUSTIN, CA
[22] 2019-10-15
[41] 2021-04-15

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[13] A1
[51] **Int.Cl. A61K 31/46 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **TESOFENSINE FOR REDUCTION OF BODY WEIGHT IN PRADER-WILLI PATIENTS**
[54] **TESOFENSINE POUR LA REDUCTION DU POIDS CORPOREL CHEZ DES PATIENTS ATTEINTS DU SYNDROME DE PRADER-LABHART-WILLI**
[72] DREJER, JORGEN, DK
[72] JACOBSEN, THOMAS AMOS, DK
[71] SANIONA A/S, DK
[22] 2019-10-16
[41] 2021-04-16

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[51] **Int.Cl. A63F 3/02 (2006.01)**
[25] EN
[54] **FOUR-PART THREE-DIMENSIONAL GAME BOARD**
[54] **PLATEAU DE JEU TRIDIMENSIONNEL EN QUATRE PARTIES**
[72] JONES, LEE, CA
[71] JONES, LEE, CA
[22] 2019-10-16
[41] 2021-04-16

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING A RECOMMENDATION**
[54] **SYSTEME ET METHODE POUR GENERER UNE RECOMMANDATION**
[72] RASTOGI, MANSI, CA
[72] HOLTSLANDER, JANE, CA
[72] DOYLE, MICHAEL, CA
[72] GIBBS, KRISTOPHER OKERA, CA
[72] LAUNEN, TONJA SELENA, CA
[72] CHICHKINA, ALLA, CA
[72] HEISE, ELLEN REBECCA, CA
[72] SAKOUN, ANNA ANATOLIEVNA, CA
[72] EGGETT, SEONAID MARLAINE, CA
[72] MCGHEE, PAUL THOMAS, CA
[72] OLIVEIRA, CHANTALE, CA
[72] DUARTE, MARY ANNE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-17
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[51] **Int.Cl. G06N 20/00 (2019.01) G06K 9/62 (2006.01)**
[25] EN
[54] **TRAINING A CARD TYPE CLASSIFIER WITH SIMULATED CARD IMAGES**
[54] **ENTRAINEMENT D`UN CLASSIFICATEUR DE TYPES DE CARTES AU MOYEN D`IMAGES DE CARTES SIMULEES**
[72] RIZVI, BUTURAB, CA
[72] MA, ADRIAN CHUNG-HEY, CA
[72] CHOI, KI NAM, CA
[72] TSOURKIS, ALEXANDRA, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-17
[41] 2021-04-16
[30] US (16/654,999) 2019-10-16

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[51] **Int.Cl. E02D 27/42 (2006.01) E02D 5/54 (2006.01) E02D 27/01 (2006.01) E04H 12/00 (2006.01) E04H 12/22 (2006.01)**
[25] EN
[54] **FLANGED PLATE TYPE OF BASE STRUCTURE**
[54] **TYPE DE STRUCTURE DE BASE A TOLE A BORD TOMBE**
[72] LAI, CHENG-HSING, CN
[71] LAI, CHENG-HSING, CN
[22] 2019-10-17
[41] 2021-04-17

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 21/62 (2013.01) G06F 3/16 (2006.01) G10L 15/26 (2006.01)**
[25] EN
[54] **MAINTAINING DATA CONFIDENTIALITY IN COMMUNICATIONS INVOLVING VOICE-ENABLED DEVICES IN A DISTRIBUTED COMPUTING ENVIRONMENT**
[54] **MAINTIEN DE LA CONFIDENTIALITE DES DONNEES DANS LES COMMUNICATIONS UTILISANT DES APPAREILS A RECONNAISSANCE VOCALE ACTIVE DANS UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE**
[72] SHPUROV, ALEXEY, CA
[72] DUNJIC, MILOS, CA
[72] LAM, BRIAN ANDREW, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-17
[41] 2021-04-17
[30] US (16/655,410) 2019-10-17

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[51] **Int.Cl. H04L 9/30 (2006.01) G10L 25/24 (2013.01) G06N 20/00 (2019.01) G10L 13/00 (2006.01) G10L 19/02 (2013.01)**
[25] EN
[54] **HOMOMORPHIC ENCRYPTION OF COMMUNICATIONS INVOLVING VOICE-ENABLED DEVICES IN A DISTRIBUTED COMPUTING ENVIRONMENT**
[54] **CHIFFREMENT HOMOMORPHE DES COMMUNICATIONS UTILISANT DES APPAREILS A RECONNAISSANCE VOCALE ACTIVE DANS UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE**
[72] SHPUROV, ALEXEY, CA
[72] DUNJIC, MILOS, CA
[72] LAM, BRIAN ANDREW, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-17
[41] 2021-04-17
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[51] **Int.Cl. E02D 31/00 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **SOIL GAS BARRIER SYSTEM, AND VENTILATION PANEL FOR SAME**
[54] **SYSTEME DE BARRIERE CONTRE LES GAZ DU SOL ET PANNEAU DE VENTILATION CONNEXE**
[72] AMEND, VICTOR, CA
[71] AMEND, VICTOR, CA
[22] 2019-10-17
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[13] A1
[51] **Int.Cl. B05B 17/06 (2006.01)**
[25] EN
[54] **FLUID DISPENSER**
[54] **DISTRIBUTEUR DE FLUIDE**
[72] DIX, ROBERT, GB
[72] NELSON, REBECCA ANNE, GB
[72] WALLER, JONATHAN PATRICK, GB
[72] GRAY, MICHAEL PHILIP, GB
[72] RIDOUT, FREDERICK CHARLES, GB
[71] VECTAIR SYSTEMS LIMITED, GB
[22] 2019-10-17
[41] 2021-04-17

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[13] A1
[51] **Int.Cl. G01N 1/02 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE HIGH PRESSURE MANUAL SAMPLING SYSTEM**
[54] **SYSTEME D`ECHANTILLONNAGE MANUEL DE SOURCES A TEMPERATURE ELEVEE ET A HAUTE PRESSION**
[72] LU, PIN, CA
[72] TENG, FUCHENG, CA
[72] DENG, ZHIZHONG, CA
[72] CHENG, RUIHUI, CA
[72] CHEN, RONGQI, CA
[72] ZHU, XIAOHUAN, CA
[72] ZENG, SHUBING, CA
[72] LI, LIXIA, CA
[72] WU, KAIFENG, CA
[71] COOEC CANADA COMPANY LTD., CA
[22] 2019-10-25
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[30] CN (201921714650.7) 2019-10-15

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[51] **Int.Cl. H04L 7/00 (2006.01) H04L 12/40 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **TIME SYNCHRONIZATION OF DISTRIBUTED DEVICES**
[54] **SYNCHRONISATION TEMPORELLE D`APPAREILS DISTRIBUES**
[72] DICKIE, DAVID F., US
[72] RICHARDSON, ERIC I. B., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-12-05
[41] 2021-04-14
[30] US (16/601,129) 2019-10-14

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/124 (2006.01)**
[25] EN
[54] **PRE-SET INHIBITING EXTRUSION LIMITER FOR RETRIEVABLE PACKERS**
[54]
[72] SAEED, AHMED M., US
[71] EXACTA-FRAC ENERGY SERVICES, INC., US
[22] 2019-12-12
[41] 2021-04-14
[30] US (16/600,956) 2019-10-14

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[51] **Int.Cl. A61G 17/00 (2006.01) A61G 17/007 (2006.01) A61G 17/04 (2006.01)**
[25] EN
[54] **FUNERAL TRAY**
[54] **PLANCHE FUNERAIRE**
[72] HOUDE, JEAN-FRANCOIS, CA
[71] CERCUEILS CONCEPT INC., CA
[22] 2019-12-16
[41] 2021-04-15
[30] US (62/915,270) 2019-10-15

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[13] A1
[51] **Int.Cl. B01D 11/00 (2006.01) B01J 3/03 (2006.01)**
[25] EN
[54] **EXTRACTION PRESSURE VESSEL, METHOD OF MANUFACTURE, METHOD OF USE**
[54] **RECIPIENT SOUS PRESSION POUR EXTRACTION, METHODE DE FABRICATION ET METHODE D`UTILISATION**
[72] COX, CAMARON, US
[71] MORGAN SPECIALTY SERVICES, INC., US
[22] 2020-01-15
[41] 2021-04-16
[30] US (62/916,164) 2019-10-16

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **NET VALUATION GUARANTEE FOR VEHICLES**
[54] **GARANTIE D`APPRECIATION NETTE POUR DES VEHICULES**
[72] BRODERICK, DAN, CA
[72] AXELSON, BRUCE, CA
[72] BOTTRELL, CAM, CA
[72] MORRIS, PHILIP JAMES, CA
[72] ABEDINZADEH, SADRA, CA
[71] CARMA AUTOMOTIVE INC., CA
[22] 2020-01-21
[41] 2021-04-16
[30] CA (3058868) 2019-10-16

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **RETRACTABLE COVER WITH GUIDED AXIAL BEARING**
[54] **COUVERCLE RETRACTABLE AVEC COUSSINET AXIAL GUIDE**
[72] VOEGELE, TYLER ALYCE, US
[71] RETRAX HOLDINGS, LLC, US
[22] 2020-01-27
[41] 2021-04-17
[30] US (16/655,448) 2019-10-17

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[21] **3,070,383**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **CONNECTOR RING**
[54] **BAGUE DE CONNECTEURS**
[72] PRAKASH, ANAND, US
[72] NG, HEEN WEI, US
[72] NGUYEN, MINH DANG, US
[72] LIM, CHIN WEE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2020-01-30
[41] 2021-04-14
[30] US (16/600,924) 2019-10-14

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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/017 (2012.01) E21B 41/00 (2006.01) H05K 7/02 (2006.01)**
[25] EN
[54] **CIRCUIT BOARD MOUNTING IN CONFINED SPACE**
[54] **MONTAGE DE CARTE DE CIRCUITS IMPRIMES DANS UN ESPACE CLOS**
[72] NGUYEN, MINH DANG, SG
[72] PRAKASH, ANAND, US
[72] NG, HEEN WEI, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2020-01-31
[41] 2021-04-14
[30] US (16/601,253) 2019-10-14

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[21] **3,085,854**
[13] A1
[51] **Int.Cl. A01K 13/00 (2006.01) A01K 25/00 (2006.01) B68B 7/00 (2006.01) B68C 5/00 (2006.01)**
[25] EN
[54] **ELLEQUIN SYSTEM (ORIGINAL HORSE MANAGEMENT SYSTEM)**
[54] **SYSTEME ELLEQUIN (SYSTEME DE GESTION DES CHEVAUX ORIGINAL)**
[72] ELLSON, LEANNE M., CA
[71] ELLSON, LEANNE M., CA
[22] 2020-09-23
[41] 2021-04-12

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[21] **3,089,412**
[13] A1
[51] **Int.Cl. A61K 47/46 (2006.01) A61K 9/20 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **NATURAL AND/OR ORGANIC DISINTEGRANT PRE-MIXES FOR (ORAL) SOLID DOSAGE FORMS**
[54] **MELANGES PREALABLES DE DESAGREGEANTS NATURELS ET/OU ORGANIQUES POUR DES FORMES PHARMACEUTIQUES SOLIDES (ORALES)**
[72] PATEL, RITESH, US
[72] GHATAK, SOMSUVRA, US
[72] SPECHT, FELIX, US
[72] YUNIS, MAHMUD, DE
[71] BONUTRA AG, CH
[71] HERBITAT LIFESCIENCES, LLP, IN
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[25] EN
[54] **TWO POINT CONTACT FLANGE FOR INSTRUMENT SEALS**
[54] **BRIDE DE CONTACT A DEUX POINTS POUR DES JOINTS D`INSTRUMENT**
[72] PILLETERE, ROY, US
[72] EBERSOLE, GARRETT, US
[72] BROWN, ERIC, US
[72] DININO, MATTHEW, US
[72] THOMAS, JUSTIN, US
[72] BARIL, JACOB, US
[72] LAPIERRE, NICOLETTE, US
[71] COVIDIEN LP, US
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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL BUTTRESS LOADING UNITS**
[54] **UNITES DE CHARGEMENT POUR RENFORT CHIRURGICAL**
[72] WILLIAMS, JUSTIN, US
[72] SWITALSKI, CHRISTOPHER, US
[72] CENICCOLA, ANTHONY L., US
[72] PRIBANIC, RUSSELL, US
[72] MARCZYK, STANISLAW, US
[71] COVIDIEN LP, US
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[25] EN
[54] **STAPLING DEVICE WITH A GAP LOCKING MEMBER**
[54] **AGRAFEUSE AVEC ELEMENT DE BLOCAGE DE L`ECARTEMENT**
[72] FERNANDES, ROANIT, IN
[72] MADDUR, JEEVAN SHANKAR SETTY, IN
[71] COVIDIEN LP, US
[22] 2020-08-25
[41] 2021-04-11
[30] US (62/913,961) 2019-10-11
[30] US (16/944,341) 2020-07-31

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[51] **Int.Cl. A24F 1/30 (2006.01)**
[25] EN
[54] **WATER PIPE SMOKING SYSTEM**
[54] **SYSTEME DE PIPE A EAU POUR FUMER**
[72] LEE, SANDRA, US
[72] VO, MINH, US
[71] R.Y.L. INC., US
[22] 2020-08-31
[41] 2021-04-16
[30] US (16/654,564) 2019-10-16

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[51] **Int.Cl. B65G 47/34 (2006.01)**
[25] EN
[54] **POWERED CONVEYOR SUPPORT ARM AND ROTATION DRIVE WHEEL AND CONTROL SYSTEM**
[54] **BRAS DE SUPPORT DE CONVOYEUR ELECTRIQUE, ROUE MOTRICE DE ROTATION ET SYSTEME DE COMMANDE**
[72] BORKGREN, STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2020-09-11
[41] 2021-04-14
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[51] **Int.Cl. G08G 1/123 (2006.01) G06Q 50/30 (2012.01) G08G 1/0968 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, NON-TRANSITORY STORAGE MEDIUM, AND SYSTEM**
[54] **APPAREIL DE TRAITEMENT DE L`INFORMATION, SUPPORT DE STOCKAGE NON TRANSITOIRE ET SYSTEME**
[72] KANEICHI, DAIKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2020-09-15
[41] 2021-04-16
[30] JP (2019-189380) 2019-10-16

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[25] EN
[54] **A DEVICE FOR THE LOCAL APPLICATION OF AND/OR FOR FLUSHING WITH PHARMACEUTICAL FLUIDS**
[54] **DISPOSITIF POUR L`APPLICATION LOCALE ET/OU LA PURGE AU MOYEN DE FLUIDES PHARMACEUTIQUES**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2020-09-11
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[51] **Int.Cl. H02J 13/00 (2006.01) G08B 21/18 (2006.01) H02H 9/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING ENERGY-RELATED STRESS IN AN ELECTRICAL SYSTEM**
[54] **SYSTEMES ET METHODES DE GESTION DES CONTRAINTES ENERGETIQUES DANS UN SYSTEME ELECTRIQUE**
[72] BICKEL, JON A., US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2020-09-16
[41] 2021-04-11
[30] US (62/914,207) 2019-10-11
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[25] EN
[54] **SHINGLE WITH ABRADED NAIL LINE**
[54] **BARDEAU A LIGNE DE CLOUAGE ABRASEE**
[72] GRUBKA, LAWRENCE J., US
[72] BECK, JAY D., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2020-09-17
[41] 2021-04-15
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[51] **Int.Cl. E02F 5/02 (2006.01) E02F 3/815 (2006.01)**
[25] EN
[54] **EARTH MOVING IMPLEMENT WITH ADJUSTABLE CONFIGURATION EARTH MOVING BLADES**
[54] **APPAREIL DE TERRASSEMENT DISPOSANT DE LAMES DE TERRASSEMENT A CONFIGURATION AJUSTABLE**
[72] HRABARCHUK, MICHAEL G., CA
[72] HUBSCHER, DARIN W., CA
[71] AG SHIELD LTD., CA
[22] 2020-09-21
[41] 2021-04-17
[30] US (62916369) 2019-10-17

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[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/36 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **COFFEE MACHINE**
[54] **MACHINE A CAFE**
[72] CINGOLANI, CLAUDIO ENRICO, IT
[72] PARRINI, MAURO, IT
[71] SIMONELLI GROUP S.P.A., IT
[22] 2020-09-28
[41] 2021-04-11
[30] IT (102019000018581) 2019-10-11

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[51] **Int.Cl. H01Q 3/08 (2006.01) H04B 17/318 (2015.01) H04B 7/19 (2006.01)**
[25] EN
[54] **NON-TLE-BASED POINTING ACQUISITION OF INCLINED-GEOSTATIONARY SATELLITE**
[54] **ACQUISITION DE POINTAGE DE SATELLITE GEOSTATIONNAIRE INCLINE NON FONDEE SUR LES PARAMETRES ORBITAUX A DEUX LIGNES**
[72] KANG, CHRISTOPHER, US
[72] KIANI, TALAT, US
[71] THINKOM SOLUTIONS, INC., US
[22] 2020-09-23
[41] 2021-04-14
[30] US (16/600,833) 2019-10-14

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[51] **Int.Cl. F16N 7/00 (2006.01) B64C 13/24 (2006.01) F16H 25/20 (2006.01) F16H 57/04 (2010.01) F16N 11/04 (2006.01)**
[25] EN
[54] **LUBRICATION OF SCREW ACTUATORS**
[54] **LUBRIFICATION D`ACTIONNEURS DE VIS**
[72] VERMANDE, FREDERIC, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2020-09-28
[41] 2021-04-17
[30] EP (19290105.6) 2019-10-17

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[13] A1
[51] **Int.Cl. H04B 1/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DYNAMICALLY STABILIZING CURRENT LIMITING IN A PORTABLE COMMUNICATION DEVICE**
[54] **APPAREIL ET METHODE DE STABILISATION DYNAMIQUE D`UNE LIMITATION DE COURANT DANS UN DISPOSITIF DE COMMUNICATION PORTATIF**
[72] ALONSO, KEVIN, US
[72] HENRY, DAVID W., US
[72] HAND, MICHAEL, US
[71] MOTOROLA SOLUTIONS, INC., US
[22] 2020-09-30
[41] 2021-04-16
[30] US (16/654,877) 2019-10-16

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RETAIL MANAGEMENT OF CONTROLLED SUBSTANCES**
[54] **SYSTEME ET METHODE DE GESTION DE SUBSTANCES CONTROLEES AU DETAIL**
[72] POOLE, BRANDON JOSEPH, CA
[71] POOLE TECHNOLOGIES INC., CA
[22] 2020-09-30
[41] 2021-04-17
[30] US (62/916,498) 2019-10-17

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[13] A1
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING AUTO-FOCUS OPERATIONS**
[54] **SYSTEMES ET METHODES DE CONTROLE DES OPERATIONS DE MISE AU POINT AUTOMATIQUE**
[72] GANE, LUKE W., CA
[72] GALLOP, DAVID B., CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2020-10-15
[41] 2021-04-17
[30] US (16/655,779) 2019-10-17

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[51] **Int.Cl. A01D 45/02 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **HARVESTER ROW HEAD**
[54] **TABLIER A RANGEES POUR RECOLTEUSE**
[72] HALLALE, SANJEEV, IN
[72] EL-ZEIN, MOHAMAD S., US
[72] GUTHY, HEMA V., US
[72] SUBRAMANIAM, SANKARAN, US
[72] PORTILLO, HECTOR, MX
[72] KREHBIEL, NATHAN E., US
[72] WINDSOR, ERIC D., US
[72] TORTORELLA, NATHAN F., US
[72] COX, DANIEL J., US
[72] HARTSCHUH, DANIEL A., US
[72] MCKELVEY, CHRISTOPHER J., US
[72] SAWALE, AMOL M., IN
[72] GNEITING, RYAN M., US
[71] DEERE & COMPANY, US
[22] 2020-10-02
[41] 2021-04-16
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[13] A1
[51] **Int.Cl. B60W 50/00 (2006.01) B60W 50/08 (2020.01)**
[25] EN
[54] **CONTROL SYSTEM FOR OPERATOR CONTROLLED VEHICLE SUBSYSTEMS**
[54] **SYSTEME DE CONTROLE DE SOUS-SYSTEMES D`UN VEHICULE COMMANDES PAR L`OPERATEUR**
[72] ZULA, DANIEL PETER, US
[72] ZHOU, NIANQING, US
[72] NIKIFOROV, VADIM V., US
[72] SENTHILKUMAR, RAJKUMAR, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2020-10-05
[41] 2021-04-14
[30] US (16/600.641) 2019-10-14

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[51] **Int.Cl. A41D 13/12 (2006.01)**
[25] EN
[54] **GOWN**
[54] **ROBE**
[72] MARKOGLOU, NEKTARIA, CA
[72] LI, XIN HUA, CA
[71] MEDICOM GROUP INC., CA
[22] 2020-10-05
[41] 2021-04-15
[30] US (62/915,237) 2019-10-15
[30] US (17/004,483) 2020-08-27

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[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING MACHINE AND METHOD WITH GROUP GAMING MODE**
[54] **MACHINE DE JEU ET METHODE POUR UN MODE DE JEU EN GROUPE**
[72] WYDRA, JASON R., US
[72] CHAN, JASON Y., US
[72] MARISCAL, JUAN, US
[72] WALKER, BRENT A., US
[72] COOK, MICHAEL STEPHEN, US
[72] WANG, LYNN H., US
[72] WRIGHT, JEREMY, US
[71] EVERI GAMES, INC., US
[22] 2020-10-07
[41] 2021-04-11
[30] US (16/600,357) 2019-10-11

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[13] A1
[51] **Int.Cl. G01W 1/00 (2006.01)**
[25] EN
[54] **ATMOSPHERIC CORROSIVITY MAPPING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE MISE EN CORRESPONDANCE DE CORROSIVITE DE L`ATMOSPHERE**
[72] ZAMANZADEH, MEHROOZ, US
[72] TAHERI BONAB, PEYMAN, US
[72] TOME, CAROLYN, US
[72] CHAR, ALYSON, US
[71] MATERGENICS, INC., US
[22] 2020-10-06
[41] 2021-04-11
[30] US (62/913,760) 2019-10-11

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[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01) B25B 17/00 (2006.01) B25B 23/16 (2006.01)**
[25] EN
[54] **INDEXABLE RATCHET TOOL**
[54] **CLIQUET INDEXABLE**
[72] ROSS, DAVID T., US
[71] SNAP-ON INCORPORATED, US
[22] 2020-10-06
[41] 2021-04-17
[30] US (16/655,875) 2019-10-17

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY FOR A PRODUCT DISTRIBUTION SYSTEM OF AN AIR CART**
[54] **ENSEMBLE DE MONTAGE POUR UN SYSTEME DE DISTRIBUTION DE PRODUIT D`UN CHARIOT PNEUMATIQUE**
[72] QUINNEY, TIMOTHY DAVID, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2020-10-06
[41] 2021-04-17
[30] US (16/656,252) 2019-10-17

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[51] **Int.Cl. A47B 13/00 (2006.01) A47B 21/00 (2006.01) A47B 97/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE POWER AND DATA RAIL FOR DESKS**
[54] **RAILS DE BUREAUX AJUSTABLES UTILISANT UNE ALIMENTATION ET DES DONNEES**
[72] ANDERSON, ERIC W., US
[72] PAULSEN, JON DANIEL, US
[71] SQUAREGROVE, LLC DBA UPLIFT DESK, US
[22] 2020-10-05
[41] 2021-04-15
[30] US (62/915,191) 2019-10-15

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[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 10/08 (2012.01) G06Q 50/34 (2012.01) A63F 3/06 (2006.01) G06K 19/07 (2006.01) G07C 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ALLOWING A CONSUMER TO PLAY AND REDEEM VIRTUAL INSTANT TICKETS USING A NFC CHIP OR TAG THAT STORES INVENTORY CONTROL NUMBERS, AND AN ANCILLARY DEVICE THAT FACILITATES COMMUNICATION BETWEEN THE NFC CHIP OR TAG AND A REMOTE GAMING SERVER WHICH PROVIDES GAME OUTCOMES TO THE ANCILLARY DEVICE FOR DISPLAY THEREON**
[54] **PROCEDE POUR PERMETTRE A UN CONSOMMATEUR DE JOUER ET D`ECHANGER DES BILLETS VIRTUELS INSTANTANES AU MOYEN D`UNE PUCE OU D`UNE BALISE DE COMMUNICATION EN CHAMP PROCHE QUI STOCKE LES NUMEROS DE CONTROLE DES STOCKS, ET DISPOSITIF ACCESSOIRE FACILITANT LA COMMUNICATION ENTRE LA PUCE OU LA BALISE ET UN SERVEUR DE JEU ELOIGNE QUI FOURNIT LES RESULTATS DE JEU AU D**
[72] LINDELSEE, MIKE, US
[72] WENTKER, DAVID, US
[72] IRWIN, KENNETH E., JR., US
[71] TAPCENTIVE, INC., US
[22] 2020-10-06
[41] 2021-04-15
[30] US (62/915,045) 2019-10-15
[30] US (16/867,626) 2020-05-06

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[51] **Int.Cl. B60P 3/16 (2006.01)**
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[54] **CHARGE HOPPER FOR CONCRETE MIXER**
[54] **TREMIE DE CHARGE POUR UNE BETONNIERE**
[72] GLUNZ, CLINT, US
[71] OSHKOSH CORPORATION, US
[22] 2020-10-06
[41] 2021-04-11
[30] US (62/914,280) 2019-10-11
[30] US (17/062,325) 2020-10-02

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[13] A1
[51] **Int.Cl. B60T 1/06 (2006.01) A01B 76/00 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **BRAKE ASSEMBLY FOR A TRACKED VEHICLE**
[54] **ENSEMBLE DE FREINAGE POUR UN VEHICULE CHENILLE**
[72] VAN MILL, MICHAEL D., US
[72] GERDEMAN, SHAWN W., US
[72] WALVATNE, JOHN, US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
[22] 2020-10-06
[41] 2021-04-15
[30] US (16/601,966) 2019-10-15

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[13] A1
[51] **Int.Cl. B62K 11/02 (2006.01) B62K 11/04 (2006.01) B62K 19/28 (2006.01)**
[25] EN
[54] **STRADDLED VEHICLE**
[54] **VEHICULE A SELLE**
[72] MAEDA, TOMOHITO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2020-10-08
[41] 2021-04-11
[30] JP (2019-188039) 2019-10-11

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[13] A1
[51] **Int.Cl. B62K 11/02 (2006.01) B62D 65/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF BODY FRAME**
[54] **METHODE DE FABRICATION D`UN CORPS DE CHASSIS**
[72] MAEDA, TOMOHITO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2020-10-08
[41] 2021-04-11
[30] JP (2019-187975) 2019-10-11

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[13] A1
[51] **Int.Cl. D21F 7/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **A SYSTEM, CONTROL SYSTEM, AN INSPECTION SYSTEM, AND A METHOD OF CONTROLLING AND CLEANING A STEAM BOX**
[54] **SYSTEME, SYSTEME DE CONTROLE, SYSTEME D`INSPECTION ET METHODE DE CONTROLE ET DE NETTOYAGE D`UNE CHAMBRE A VAPEUR**
[72] JONES, GEOFFREY ARTHUR, CA
[72] TSCHINKEL, HERBERT HANS, CA
[72] SMITH, BARNABY JOHN EDWARD, CA
[72] BEJAN, MANUELA, CA
[71] IBS OF AMERICA, US
[22] 2020-10-07
[41] 2021-04-15
[30] US (62/915,372) 2019-10-15

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[13] A1
[51] **Int.Cl. F04D 29/60 (2006.01) F04D 7/04 (2006.01) F04D 13/06 (2006.01) F04D 13/08 (2006.01) H02K 5/12 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **PORTABLE PUMP**
[54] **POMPE PORTATIVE**
[72] ARKWRIGHT, CHRISTOPHER, US
[72] HOWARD, ISAAC SCOTT, US
[72] EADES, NICHOLAS ANTHONY, US
[71] REED MANUFACTURING CO., US
[22] 2020-10-08
[41] 2021-04-11
[30] US (16/599,425) 2019-10-11

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[13] A1
[51] **Int.Cl. G08B 13/189 (2006.01) H04N 7/18 (2006.01) G01S 5/02 (2010.01) H04N 5/76 (2006.01)**
[25] EN
[54] **THEFT PREDICTION AND TRACKING SYSTEM**
[54] **SYSTEME DE PREDICTION DE VOL ET DE SUIVI**
[72] CAREY, JAMES, US
[71] CAREY, JAMES, US
[22] 2020-10-09
[41] 2021-04-11
[30] US (16/599,691) 2019-10-11

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[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) H04N 21/80 (2011.01) H04W 4/029 (2018.01) G08B 13/189 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **VIDEO IDENTIFICATION AND ANALYTICAL RECOGNITION SYSTEM**
[54] **SYSTEME D`IDENTIFICATION ET DE RECONNAISSANCE ANALYTIQUE PAR VIDEO**
[72] CAREY, JAMES, US
[71] CAREY, JAMES, US
[22] 2020-10-09
[41] 2021-04-11
[30] US (16/599,674) 2019-10-11

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[13] A1
[51] **Int.Cl. F21V 15/01 (2006.01)**
[25] EN
[54] **LIGHTING RECEPTACLE ASSEMBLY FOR LIGHT FIXTURE**
[54] **ASSEMBLAGE DE DOUILLE D`ECLAIRAGE POUR UN APPAREIL D`ECLAIRAGE**
[72] HOWARD, EDWARD JOHN, US
[72] MOSTOLLER, MATTHEW EDWARD, US
[72] DAILY, CHRISTOPHER GEORGE, US
[71] TE CONNECTIVITY CORPORATION, US
[22] 2020-10-07
[41] 2021-04-11
[30] US (62/914244) 2019-10-11
[30] US (16/912162) 2020-06-25

[21] **3,095,816**
[13] A1
[51] **Int.Cl. B60W 20/10 (2016.01) B60W 20/40 (2016.01)**
[25] FR
[54] **ENERGY MANAGEMENT METHOD IN A HYBRID VEHICLE**
[54] **PROCEDE DE GESTION D'ENERGIE DANS UN VEHICULE HYBRIDE**
[72] HIBON, SAMUEL, FR
[72] ROUILLE, BRUNO, FR
[72] ADBRAKHMANOV, RUSTEM, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2020-10-09
[41] 2021-04-16
[30] FR (1911551) 2019-10-16

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[13] A1
[51] **Int.Cl. F16N 7/00 (2006.01) B64C 13/24 (2006.01) F16H 25/20 (2006.01) F16H 57/04 (2010.01) F16N 11/04 (2006.01)**
[25] EN
[54] **LUBRICATION SYSTEM**
[54] **CIRCUIT DE LUBRIFICATION**
[72] VERMANDE, FREDERIC, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2020-10-08
[41] 2021-04-17
[30] EP (19290106.4) 2019-10-17

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[51] **Int.Cl. F24F 1/0038 (2019.01) F24S 20/61 (2018.01) F24S 20/66 (2018.01) F24F 1/0035 (2019.01) F24F 1/0057 (2019.01) F24F 1/03 (2019.01) E04B 2/88 (2006.01) E04G 23/02 (2006.01) F21S 11/00 (2006.01)**
[25] EN
[54] **MODULAR ELEMENT COMPRISING AN INTEGRATED AIR CONDITIONING UNIT AND ADAPTED TO REPLACE A FACADE PORTION OF A BUILDING IN CORRESPONDENCE WITH AT LEAST ONE FLOOR OF THE BUILDING AND CORRESPONDING PROCESS FOR REMOVING AND REPLACING THE FACADE PORTION WITH THE MODULAR ELEMENT**
[54] **ELEMENT MODULAIRE COMPRENANT UN CONDITIONNEUR D`AIR INTEGRE ET ADAPTE POUR REMPLACER UNE PARTIE DE FACADE D`UN BATIMENT EN CORRESPONDANCE AVEC AU MOINS UN ETAGE DU BATIMENT ET PROCEDE CORRESPONDANT POUR RETIRER LA PARTIE DE FACADE ET LA REMPLACER PAR L`ELEMENT MODULAIRE**
[72] ROJ, MASSIMO, IT
[71] PROGETTO CMR S.R.L., IT
[71] FOCCHI S.P.A., IT
[22] 2020-10-09
[41] 2021-04-11
[30] IT (102019000018620) 2019-10-11

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[51] **Int.Cl. B62D 33/027 (2006.01)**
[25] EN
[54] **TAILGATE STOP APPARATUS**
[54] **APPAREIL D`ARRET DE HAYON**
[72] BANKS, JAMES E., JR., US
[72] MORRISON, MICHAEL A., US
[71] BANKS MORRISON INNOVATIONS LLC, US
[22] 2020-10-09
[41] 2021-04-11
[30] US (62/913773) 2019-10-11

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06F 3/0481 (2013.01) G07F 7/08 (2006.01)**
[25] EN
[54] **POINT OF SALE TERMINAL WITH ADAPTIVE DISPLAY**
[54] **BORNE DE VENTE AVEC AFFICHAGE ADAPTATIF**
[72] PALIGA, ANDRZEJ PIOTR, CA
[72] NEGELE, TOBIAS, CA
[72] VAZQUEZ, RICARDO, CA
[71] SHOPIFY INC., CA
[22] 2020-10-09
[41] 2021-04-16
[30] US (16/654207) 2019-10-16

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[13] A1
[51] **Int.Cl. B63B 35/00 (2020.01) B63B 21/56 (2006.01) B63B 25/24 (2006.01) B63B 35/28 (2006.01) B65F 5/00 (2006.01)**
[25] EN
[54] **MARINE SURVEILLANCE AND DEBRIS SCOW**
[54] **ACCON POUR LA SURVEILLANCE MARINE ET LA COLLECTE DE DECHETS**
[72] SPENCER, JAMES, CA
[71] SHIFT ENVIRONMENTAL TECHNOLOGIES LTD., CA
[22] 2020-10-12
[41] 2021-04-11
[30] CA (3,058,860) 2019-10-11

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[13] A1
[51] **Int.Cl. A61F 2/02 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **GRAFT PREPARATION SYSTEM**
[54] **SYSTEME DE PREPARATION DE GREFFE**
[72] XEROGEANES, JOHN, US
[72] JACKSON, JEFFREY, US
[72] JOLLY, JACOB, US
[72] BOYLE, JUSTIN, US
[72] INGWER, ZACHARY, US
[72] SAETEURN, LAI, US
[71] ARTHREX, INC., US
[22] 2020-10-13
[41] 2021-04-16
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[51] **Int.Cl. A47F 3/04 (2006.01) A47F 11/10 (2006.01) F25B 47/00 (2006.01) F25D 21/00 (2006.01) F25D 27/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEFROST LIGHTING IN REFRIGERATED CASES**
[54] **SYSTEMES ET METHODES DE DEGIVRAGE DE L`ECLAIRAGE DANS DES BOITIERS REFRIGERES**
[72] SWOFFORD, TIMOTHY DEAN, US
[72] RATHJE, NEIL JOHN, US
[71] HILL PHOENIX, INC., US
[22] 2020-10-09
[41] 2021-04-15
[30] US (16/601,870) 2019-10-15

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[13] A1
[51] **Int.Cl. G05D 1/02 (2020.01) E02F 9/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHANGING ORIENTATION OF MACHINES**
[54] **SYSTEMES ET METHODES POUR CHANGER L`ORIENTATION DE MACHINES**
[72] KUMAR P.H., PRADEEP, IN
[72] BROUGHTON, PETER J., AU
[72] ANANDAN, ARUN, IN
[71] CATERPILLAR UNDERGROUND MINING PTY. LTD., AU
[22] 2020-10-13
[41] 2021-04-17
[30] AU (2019250202) 2019-10-17

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[13] A1
[51] **Int.Cl. A47K 5/00 (2006.01) A61L 2/20 (2006.01)**
[25] EN
[54] **FOAM DISPENSER WITH IONIC WIND DRIVEN OZONE GENERATION AND AIR CIRCULATION**
[54] **DISTRIBUTEUR DE MOUSSE COMPORTANT UNE CREATION D`OZONE ENTRAINEE PAR VENT IONIQUE ET UNE CIRCULATION D`AIR**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[71] OP-HYGIENE IP GMBH, CH
[22] 2020-10-09
[41] 2021-04-15
[30] US (62/915,151) 2019-10-15

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[13] A1
[51] **Int.Cl. G08B 19/00 (2006.01) B60R 99/00 (2009.01) G08B 25/00 (2006.01)**
[25] FR
[54] **ELECTRONIC DEVICE AND ALERT SIGNAL GENERATION METHOD, TRANSPORTATION SYSTEM AND RELATED COMPUTER PROGRAM**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE GENERATION D'UN SIGNAL D'ALERTE, SYSTEME DE TRANSPORT ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] DARNAUD, THOMAS, FR
[72] KARAOGUZ, CEM, FR
[71] TRANSDEV GROUP INNOVATION, FR
[22] 2020-10-14
[41] 2021-04-15
[30] FR (1911471) 2019-10-15

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[13] A1
[51] **Int.Cl. A63B 71/14 (2006.01) A41D 13/015 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01)**
[25] EN
[54] **BLOCKER FOR A GOALIE**
[54] **GANT BLOQUEUR POUR UN GARDIEN DE BUT**
[72] VAILLANCOURT, CHARLES, CA
[71] BAUER HOCKEY LTD., CA
[22] 2020-10-09
[41] 2021-04-11
[30] US (62/913,977) 2019-10-11

[21] **3,096,092**
[13] A1
[51] **Int.Cl. G01N 21/15 (2006.01) B07C 5/342 (2006.01) B07C 5/36 (2006.01) G01N 21/89 (2006.01)**
[25] FR
[54] **AUTOMATIC MACHINE FOR SORTING OR INSPECTING A FLOW OF OBJECTS, EQUIPPED WITH A CLEANING DEVICE**
[54] **MACHINE AUTOMATIQUE DE TRI OU D'INSPECTION D'OBJETS DEFILANTS, EQUIPEE D'UN DISPOSITIF DE NETTOYAGE**
[72] MASSON, FLORENT, FR
[71] PELLENC SELECTIVE TECHNOLOGIES, FR
[22] 2020-10-14
[41] 2021-04-14
[30] FR (1911421) 2019-10-14

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[13] A1
[51] **Int.Cl. B60K 37/04 (2006.01)**
[25] EN
[54] **IMPROVED SYSTEM FOR DISPLAYING INFORMATION**
[54] **SYSTEME AMELIORE POUR AFFICHER DE L`INFORMATION**
[72] IOTTI, MARCO, IT
[71] MANITOU ITALIA S.R.L., IT
[22] 2020-10-14
[41] 2021-04-15
[30] IT (102019000018836) 2019-10-15

[21] **3,096,103**
[13] A1
[51] **Int.Cl. H04N 21/24 (2011.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AND MANAGING VIDEO STREAM CONTENT**
[54] **SYSTEME ET METHODE DE SURVEILLANCE ET DE GESTION D`UN CONTENU DE DIFFUSION VIDEO EN CONTENU**
[72] MAY, DARRELL REGINALD, CA
[72] CHAITANYA, BOJJA KRISHNA, IN
[72] CHINTAMANENI, SRINIVAS, IN
[71] SANDVINE CORPORATION, CA
[22] 2020-10-14
[41] 2021-04-14
[30] IN (201911041534) 2019-10-14

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[13] A1
[51] **Int.Cl. F24F 11/38 (2018.01) F25B 49/00 (2006.01)**
[25] EN
[54] **DETECTING LOSS OF CHARGE IN HVAC SYSTEMS**
[54] **DETECTION DE LA PERTE DE CHARGE DANS DES SYSTEMES CVC**
[72] THOBIAS, PATRIC ANANDA BALAN, IN
[72] RAJAN, SIDDARTH, IN
[72] GOEL, RAKESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2020-10-14
[41] 2021-04-15
[30] US (16/653,040) 2019-10-15

[21] **3,096,113**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04W 72/04 (2009.01) H04B 17/336 (2015.01)**
[25] EN
[54] **HIGH RATE PAYLOAD MANAGEMENT BETWEEN THE GROUND SEGMENT AND A SATELLITE**
[54] **GESTION DES DONNEES UTILES A DEBIT ELEVE ENTRE LE SEGMENT SOL ET UN SATELLITE**
[72] REGADA ALVAREZ, RAUL, ES
[72] CLAUSSE, SEBASTIEN, ES
[72] PRAT, JOSEP, ES
[72] DEL BARRIO SALAS, ADOLFO, ES
[72] MORENO RUANO, RICARDO, ES
[71] THALES, FR
[22] 2020-10-14
[41] 2021-04-17
[30] EP (19290103.1) 2019-10-17

[21] **3,096,145**
[13] A1
[51] **Int.Cl. G06N 20/00 (2019.01) G06N 3/04 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF MACHINE LEARNING USING EMBEDDING NETWORKS**
[54] **SYSTEME ET METHODE D`APPRENTISSAGE AUTOMATIQUE UTILISANT DES RESEAUX DE PLONGEMENTS**
[72] CHEN, LEI, CA
[72] CHEN, JIANHUI, CA
[72] HAJIMIRSADEGHI, SEYED HOSSEIN, CA
[72] MORI, GREGORY, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-10-09
[41] 2021-04-11
[30] US (62/914,100) 2019-10-11

[21] **3,096,157**
[13] A1
[51] **Int.Cl. A63B 69/34 (2006.01)**
[25] EN
[54] **FOOTBALL SLED ADAPTER**
[54] **ADAPTATEUR DE TRAINEAU DE FOOTBALL**
[72] FELT, JEREMY, US
[72] HOISINGTON, JESSE, US
[71] DOUBLE J INVENTORS LLC, US
[22] 2020-10-15
[41] 2021-04-15
[30] US (62/915,319) 2019-10-15

[21] **3,096,183**
[13] A1
[51] **Int.Cl. H04H 60/66 (2009.01) H04H 60/33 (2009.01) H04H 60/45 (2009.01) H04H 60/46 (2009.01)**
[25] EN
[54] **AUDIO-BASED USER MATCHING**
[54] **RECONNAISSANCE SONORE D`UN UTILISATEUR**
[72] WHITESIDE, LIAM, GB
[72] MARSHALL, ELEANOR, GB
[71] GLOBAL RADIO SERVICES LIMITED, GB
[22] 2020-10-14
[41] 2021-04-14
[30] GB (1914862.6) 2019-10-14

[21] **3,096,189**
[13] A1
[51] **Int.Cl. C07C 67/12 (2006.01) C07C 67/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 1-PALMITOYL-2-LINOLEOYL-3-ACETYL GLYCEROL**
[54] **METHODE DE PRODUCTION DE GLYCEROL 1-PALMITOYL-2-LINOLEYL-3-ACETYLE**
[72] SOHN, KI YOUNG, KR
[72] KANG, BYUNG KYU, KR
[71] ENZYCHEM LIFESCIENCES CORPORATION, KR
[22] 2020-10-14
[41] 2021-04-15
[30] KR (10-2019-0128021) 2019-10-15

[21] **3,096,220**
[13] A1
[51] **Int.Cl. F24H 9/02 (2006.01)**
[25] EN
[54] **WATER HEATER**
[54] **CHAUFFE-EAU**
[72] KAKIZAKI, YUSUKE, JP
[71] PALOMA CO., LTD., JP
[22] 2020-10-13
[41] 2021-04-17
[30] JP (2019-190490) 2019-10-17

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[13] A1
[51] **Int.Cl. F21V 9/40 (2018.01)**
[25] EN
[54] **SELECTABLE LIGHTING INTENSITY AND COLOR TEMPERATURE USING LUMINAIRE LENS**
[54] **INTENSITE LUMINEUSE ET TEMPERATURE DE COULEUR SELECTIONNABLES AU MOYEN DE LENTILLES D`UN SYSTEME D`ECLAIRAGE**
[72] RODRIGUEZ, YAN, US
[71] ABL IP HOLDING LLC, US
[22] 2020-10-15
[41] 2021-04-17
[30] US (62/916,422) 2019-10-17

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 17/40 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **CANONICAL MODEL FOR PRODUCT DEVELOPMENT**
[54] **MODELE CLASSIQUE DE DEVELOPPEMENT DE PRODUIT**
[72] YANG, KEVIN, US
[72] KAMBLE, HRUDAY, US
[72] GUPTA, AVINASH, US
[71] ALLSTATE INSURANCE COMPANY, US
[22] 2020-10-15
[41] 2021-04-15
[30] US (62/915,251) 2019-10-15

[21] **3,096,250**
[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01) E03C 1/22 (2006.01)**
[25] EN
[54] **LOW PROFILE DRAIN**
[54] **DRAIN A PROFIL BAS**
[72] BRILL, JONATHAN, US
[72] RAMKARRAN, BHASNARINE, US
[71] INFINITY DRAIN LTD., US
[22] 2020-10-16
[41] 2021-04-17
[30] US (62/916568) 2019-10-17
[30] US (17/070199) 2020-10-14

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[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/17 (2006.01) A61F 2/46 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **METHOD AND SURGICAL KIT FOR MILLING A BONE**
[54] **METHODE ET ENSEMBLE CHIRURGICAL POUR LE FRAISAGE D`UN OS**
[72] RIVET-SABOURIN, GEOFFROY, CA
[72] LAINE, AUDREY, CA
[72] KREUZER, STEFAN W., US
[72] LABRECQUE, ALXANDRE, CA
[71] LABORATOIRES BODYCAD INC., CA
[22] 2020-10-16
[41] 2021-04-17
[30] US (62/916,327) 2019-10-17

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[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01) B60R 9/042 (2006.01)**
[25] EN
[54] **DEPLOYABLE STORAGE SYSTEM FOR VEHICLES**
[54] **SYSTEME DE STOCKAGE DEPLOYABLE POUR VEHICULES**
[72] NIEMELA, MARCUS, US
[72] NIEMELA, CAL G., US
[72] JACKSON, MICHAEL R., US
[72] STOUT, COLE S., US
[71] NB4 BRAND L.L.C., US
[22] 2020-10-15
[41] 2021-04-16
[30] US (62/915969) 2019-10-16
[30] US (16/849376) 2020-04-15

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[13] A1
[51] **Int.Cl. A46B 11/02 (2006.01) A46B 9/04 (2006.01) A61C 17/00 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HEAD FOR OPTIMIZED TOOTHPASTE DISTRIBUTION**
[54] **TETE DE BROSSE A DENTS POUR UNE DISTRIBUTION DE DENTIFRICE OPTIMALE**
[72] VERONNEAU, JACQUES, CA
[71] CENTRES DENTAIRES VERONNEAU INC., CA
[22] 2020-10-19
[41] 2021-04-17
[30] US (62/916,528) 2019-10-17

[21] **3,096,314**
[13] A1
[51] **Int.Cl. B29C 49/06 (2006.01) B65D 1/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING CONTAINERS USING BLOW MOLD AND ELECTRIC HEATING ELEMENTS**
[54] **SYSTEME ET METHODE DE FABRICATION DE CONTENANTS AU MOYEN D`UN MOULE POUR SOUFFLAGE ET D`ELEMENTS CHAUFFANTS ELECTRIQUES**
[72] EBLE, RAYMOND C., US
[71] PRETIUM PACKAGING, L.L.C., US
[22] 2020-10-15
[41] 2021-04-15
[30] US (62/915,233) 2019-10-15

[21] **3,096,324**
[13] A1
[51] **Int.Cl. A47J 47/02 (2006.01) A47J 47/14 (2006.01) B65D 25/04 (2006.01)**
[25] EN
[54] **MEAL KIT DELIVERY CONTAINER**
[54] **CONTENANT POUR LA LIVRAISON DE BOITES REPAS**
[72] ROBINSON, KEITH, CA
[72] SIDHU, SUKHJINDER, CA
[72] SOOD, DHRUV, CA
[71] FRESH PREP FOODS INC., CA
[22] 2020-10-13
[41] 2021-04-11
[30] US (62/914,311) 2019-10-11

[21] **3,096,331**
[13] A1
[51] **Int.Cl. H01R 4/66 (2006.01) B60R 16/02 (2006.01)**
[25] EN
[54] **ELECTRICAL GROUND STRAP ASSEMBLY**
[54] **ENSEMBLE DE TRESSE DE MASSE**
[72] JOHNSON, LAWRENCE, US
[72] ANTHONY, ALLAN, US
[72] SPACCAROTELLI, ARTURO, US
[71] PRODUCTION SPRING, LLC, US
[22] 2020-10-16
[41] 2021-04-17
[30] US (16/656,010) 2019-10-17

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[13] A1
[51] **Int.Cl. A23G 1/04 (2006.01) A23G 1/00 (2006.01) A23G 1/10 (2006.01) A23G 1/30 (2006.01)**
[25] EN
[54] **PROCESS OF CHOCOLATE PRODUCTION**
[54] **PROCEDE DE FABRICATION DE CHOCOLAT**
[72] LECLERC, JEAN-PHILIPPE, CA
[71] LECLERC, JEAN-PHILIPPE, CA
[22] 2020-10-15
[41] 2021-04-16
[30] US (62/915,876) 2019-10-16

[21] **3,096,447**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**
[25] EN
[54] **MODULAR CONTAINMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONFINEMENT MODULAIRE**
[72] DECKARD, AARON D., US
[72] BENNETT, JASON L., AU
[72] MONCURE, TERRANCE D., US
[71] POLARIS INDUSTRIES INC., US
[22] 2020-10-16
[41] 2021-04-16
[30] US (62/915719) 2019-10-16
[30] US (17/068010) 2020-10-12

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[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/09 (2006.01) C12N 15/29 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **ELEVATED RESISTANCE TO INSECTS AND PLANT PATHOGENS WITHOUT COMPROMISING SEED PRODUCTION**
[54] **RESISTANCE ELEVEE AUX INSECTES ET AUX AGENTS PATHOGENES DES PLANTES SANS COMPROMETTRE LA PRODUCTION DE GRAINES**
[72] HOWE, GREGG A., US
[72] GUO, QIANG, US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
[22] 2020-10-16
[41] 2021-04-17
[30] US (62/916,609) 2019-10-17

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[13] A1
[51] **Int.Cl. A43D 1/02 (2006.01) A43B 7/14 (2006.01) A43B 7/22 (2006.01) A61F 5/14 (2006.01)**
[25] EN
[54] **ORTHOTIC SOLE AND INSOLE DEVICES, SYSTEMS, METHODS, AND COMPUTER READABLE MEDIA FOR USE WITH HIGH HEEL FOOTWEAR**
[54] **SEMELLE ORTHOPEDIQUE ET DISPOSITIFS, SYSTEMES, METHODES ET SUPPORTS INFORMATIQUES DE SEMELLE POUR L`UTILISATION AVEC UNE CHAUSSURE A TALON HAUT**
[72] DINSHAW, TERESSA, CA
[72] DINSHAW, DARIUS, CA
[71] ALIGN ORTHOTICS INC., CA
[22] 2020-10-16
[41] 2021-04-16
[30] US (62915981) 2019-10-16

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[13] A1
[51] **Int.Cl. A23N 15/00 (2006.01) A23L 5/00 (2016.01) A23B 7/04 (2006.01) A23N 15/01 (2006.01) A23N 15/02 (2006.01) A23L 19/00 (2016.01) A23L 33/105 (2016.01)**
[25] EN
[54] **PLANT PREPARATION AND PROCESSING SYSTEM**
[54] **SYSTEME DE PREPARATION ET DE TRAITEMENT DE MATIERES VEGETALES**
[72] SANDNES, BLAKE, US
[72] OLSON, ROY, US
[72] TRACY, JOSHUA, US
[72] PEARSON, ALEX, US
[71] PEARSON INC., US
[22] 2020-10-16
[41] 2021-04-16
[30] US (62/915,827) 2019-10-16
[30] US (17/068,025) 2020-10-12

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **COMMUNICATION SERVER AND METHOD OF OPERATION**
[54] **SERVEUR DE COMMUNICATION ET METHODE D`UTILISATION**
[72] SINGLA, VINEET, DE
[72] PLAPUTTA, TOBIAS, DE
[72] GOTLIEB, CHARLES E., US
[71] SPARK NETWORKS SERVICES GMBH, DE
[22] 2020-10-16
[41] 2021-04-16
[30] US (62/915646) 2019-10-16
[30] US (17/072016) 2020-10-15

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[13] A1
[51] **Int.Cl. A01F 29/06 (2006.01) B02C 18/06 (2006.01)**
[25] EN
[54] **DEVICE FOR COMMINUTING LOOSE FEED MATERIAL**
[54] **DILACERATEUR DE MATIERE EN VRAC**
[72] ALLES, BERTHOLD, DE
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH, DE
[22] 2020-10-16
[41] 2021-04-16
[30] DE (10 2019 127 893.7) 2019-10-16

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[13] A1
[51] **Int.Cl. G01N 1/10 (2006.01)**
[25] EN
[54] **DIAGNOSTIC SWAB**
[54] **ECOUVILLON DE DIAGNOSTIC**
[72] GILBERT, BENOIT, CA
[72] CARON L'ECUYER, LOUIS-JOSEPH, CA
[71] KINOVA INC., CA
[22] 2020-10-22
[41] 2021-04-14

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[13] A1
[51] **Int.Cl. A01K 47/02 (2006.01) A01K 47/06 (2006.01)**
[25] EN
[54] **MECHANICAL RACK AND FRAME BEEHIVE**
[54] **RUCHE D`ABEILLES MECANIQUE A CADRES ET SECTIONS**
[72] UNKNOWN, XX
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[72] DEVINE, STEPHEN, GB
[71] GRAPHENE COMPOSITES LIMITED, GB
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[72] MCLEOD, KRISTOFER, CA
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[54] **TECHNOLOGIE DE TRAITEMENT DE LAME A PARQUET D`IMPRESSION NUMERIQUE**
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[72] ZHAO, PEIDONG, CN
[72] WANG, TAO, CN
[72] DONG, LIJIE, CN
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[72] LIN, BRIAN E., US
[72] JOSEPH, DENNIS, US
[72] POTNIS, PRASAD S., US
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[71] KT&G CORPORATION, KR
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[72] WARD, WILLIAM, US
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[54] **METHODES ET COMPOSITIONS PROBIOTIQUES DESTINEES AU TRAITEMENT DE LESIONS OSSEUSES**
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[72] CHEVALIER, CLAIRE, CH
[71] RESEARCH DEVELOPMENT FOUNDATION, US
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[54] **PROVIDING ON-DEMAND POWER CHARGING FOR ELECTRIC VEHICLES**
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[72] WESTIN, ERIK, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[72] HUTCHINS, JEFF, US
[71] HEAT BIOLOGICS, INC., US
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[72] SOERRIES, KENNETH, R., US
[71] SOERRIES, KENNETH, R., US
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[72] DEKA, AMIT, US
[71] DSM IP ASSETS B.V., NL
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[72] CLARK, DAVID, US
[72] BRADY, TODD, US
[72] MACDONALD, SUSAN, US
[72] MACHATHA, STEPHEN GITU, US
[71] ALDEYRA THERAPEUTICS, INC., US
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[54] **SOLUTIONS DE TRAITEMENT DU BOIS CONTENANT DES FONGICIDES ET DES ALCANOLAMINES TERTIAIRES ET PROCEDES ASSOCIES, PRODUITS DE BOIS ET COMPOSITION POUR LA PROTECTION CONTRE DES ORGANI SMES FONGIQUES**
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[72] CUTLER, KENNETH A., US
[72] BOHN, JUSTIN J., US
[71] KOP-COAT, INC., US
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[72] PESARO, MANUEL, DE
[72] HOLSCHER, BERND, DE
[72] SCHMAUS, GERHARD, DE
[72] KOHLER, ANTJE, DE
[71] SYMRISE AG, DE
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[72] GUNNARSSON, JOHAN, SE
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[72] SIEWERT, JURGEN, DE
[72] SANDER, YOHANNA, DE
[71] SYMRISE AG, DE
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[72] JONES, CHRISTOPHER, GB
[71] RHODIA OPERATIONS, FR
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[54] **PROCEDE DE PURIFICATION DE BIO-1,3-BUTANEDIOL ISSU D'UN BOUILLON DE FERMENTATION**
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[72] CESANA, ALBERTO, IT
[72] BORDES, FABRIZIO, IT
[71] VERSALIS S.P.A., IT
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[54] **ACIDE IMIDAZOLYL ETHANAMIDE PENTANEDIOIQUE DESTINE A ETRE UTILISE DANS LA THERAPIE DE SYMPTOMES LIES A UNE EXPOSITION A UN RAYONNEMENT LETAL**
[72] PLEIMES, DIRK, DE
[71] MYELO THERAPEUTICS GMBH, DE
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[71] JT INTERNATIONAL S.A., CH
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[54] **DISPOSITIF DE GENERATION D'AEROSOL ET CHAMBRE DE CHAUFFAGE ASSOCIEE**
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[71] JT INTERNATIONAL S.A., CH
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[71] JT INTERNATIONAL S.A., CH
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[54] **COMBINATION OF ACETYLCHOLINESTERASE INHIBITOR AND 5-HT4 RECEPTOR AGONIST AS NEUROPROTECTIVE AGENT IN THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **COMBINAISON D'UN INHIBITEUR DE L'ACETYLCHOLINESTERASE ET D'UN AGONISTE DU RECEPTEUR 5-HT4 EN TANT QU'AGENT NEUROPROTECTEUR DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] DALLEMAGNE, PATRICK, FR
[72] ROCHAIS, CHRISTOPHE, FR
[72] CLAEYSEN, SYLVIE, FR
[71] UNIVERSITE DE CAEN NORMANDIE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
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[25] FR
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[54] **PROCEDE DE MISE EN POUSSEE SANS GLISSEMENT D'UN OUTIL A L'EXTREMITE D'UN BRAS ARTICULE CONTRE UNE SURFACE ET DISPOSITIF POUR SA MISE EN OEUVRE**
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[72] GUERIN, JULIEN, FR
[71] ADVANCED ELECTRICAL TOOLS, FR
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[54] **CLAPET DE NON-RETOUR, RACCORD DE TUYAU POUR UNE BOUCHE D'INCENDIE ET BOUCHE D'INCENDIE**
[72] FLURY, CHRISTOPH, CH
[71] VONROLL INFRATEC (INVESTMENT) AG, CH
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[54] **DISPOSITIF DE GENERATION D'AEROSOL COMPRENANT UN PRESENTOIR**
[72] YOON, SUNG WOOK, KR
[72] KIM, YONG HWAN, KR
[72] LEE, SEUNG WON, KR
[72] HAN, DAE NAM, KR
[71] KT&G CORPORATION, KR
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[54] **DERIVES D'INDANE DESTINES A ETRE UTILISES DANS LE TRAITEMENT D'UNE INFECTION BACTERIENNE**
[72] LEIRIS, SIMON, FR
[72] DAVIES, DAVID THOMAS, FR
[72] EVERETT, MARTIN, FR
[72] SPRYNSKI, NICOLAS, FR
[72] BEYRIA, LILHA, FR
[72] PALLIN, THOMAS DAVID, GB
[72] CRIDLAND, ANDREW PETER, GB
[72] BLENCH, TOBY JONATHAN, GB
[72] ELLIOTT, RICHARD LEONARD, GB
[72] CLARK, DAVID EDWARD, GB
[71] ANTABIO SAS, FR
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[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT D'UNE LESION OSSEUSE**
[72] GLATT, VAIDA, US
[71] THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **INDANE DERIVATIVES FOR USE IN THE TREATMENT OF BACTERIAL INFECTION**
[54] **DERIVES D'INDANE DESTINES A ETRE UTILISES DANS LE TRAITEMENT D'UNE INFECTION BACTERIENNE**
[72] LEIRIS, SIMON, FR
[72] DAVIES, DAVID THOMAS, FR
[72] EVERETT, MARTIN, FR
[72] SPRYNSKI, NICOLAS, FR
[72] BEYRIA, LILHA, FR
[72] PALLIN, THOMAS DAVID, GB
[72] CRIDLAND, ANDREW PETER, GB
[72] BLENCH, TOBY JONATHAN, GB
[72] ELLIOTT, RICHARD LEONARD, GB
[72] CLARK, DAVID EDWARD, GB
[71] ANTABIO SAS, FR
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[54] **A2-ADRENOCEPTOR SUBTYPE C (ALPHA-2C) ANTAGONISTS FOR THE TREATMENT OF SLEEP APNEA**
[54] **ANTAGONISTES DE RECEPTEUR ALPHA 2-ADRENERGIQUES DE SOUS-TYPE C (ALPHA-2C) POUR LE TRAITEMENT DE L'APNEE DU SOMMEIL**
[72] DELBECK, MARTINA, DE
[72] HAHN, MICHAEL, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2021-03-22
[86] 2019-09-19 (PCT/EP2019/075102)
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[54] **PESTICIDALLY ACTIVE CYCLOPROPYL METHYL AMIDE DERIVATIVES**
[54] **DERIVES DE CYCLOPROPYL-METHYLE AMIDE A ACTION PESTICIDE**
[72] BIGOT, AURELIEN, CH
[72] JEANGUENAT, ANDRE, CH
[72] EL QACEMI, MYRIEM, CH
[71] SYNGENTA CROP PROTECTION AG, CH
[85] 2021-03-22
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[54] **LYOPHILISATE OF TREOSULFAN**
[54] **LYOPHILISAT DE TREOSULFAN**
[72] BIALLECK, SEBASTIAN, DE
[71] MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH, DE
[85] 2021-03-22
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[54] **AUTOMATIC MACHINE AND AUTOMATIC METHOD FOR SEALING THE PERIMETRIC EDGE OF INSULATING GLASS CONSTITUTED BY GLASS PANES OF DIFFERENT DIMENSIONS**
[54] **MACHINE AUTOMATIQUE ET PROCEDE AUTOMATIQUE PERMETTANT DE SCELLER LE BORD PERIMETRIQUE D'UN VERRE ISOLANT CONSTITUE DE VITRES DE DIMENSIONS DIFFERENTES**
[72] VIANELLO, FORTUNATO, IT
[72] VIANELLO, RICCARDO, IT
[71] FOREL SPA, IT
[85] 2021-03-22
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[54] **CONVEYOR LINE FOR A CONVEYOR**
[54] **LIGNE DE CONVOYAGE POUR UN CONVOYEUR**
[72] KIRSCHNIOK, CHRISTIAN, DE
[71] AUMUND FORDERTECHNIK GMBH, DE
[85] 2021-03-22
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[54] **NOVEL PYRIDAZINES**
[54] **NOUVELLES PYRIDAZINES**
[72] ROTH, GERALD JUERGEN, DE
[72] BRETSCHNEIDER, TOM, DE
[72] KUTTRUFF, CHRISTIAN ANDREAS, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **IMPROVING OR OPTIMIZING WIND TURBINE OUTPUT BY DETECTING FLOW DETACHMENT**
[54] **AMELIORATION OU OPTIMISATION DU RENDEMENT D'UNE EOLIENNE PAR DETECTION D'UN DECROCHAGE**
[72] KIMILLI, ONUR, DE
[72] SCHMID, MARKUS, DE
[72] VERA-TUDELA, LUIS, DE
[71] POLYTECH WIND POWER TECHNOLOGY GERMANY GMBH, DE
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[25] EN
[54] **METHOD FOR CREATING A GRAPHIC REPRESENTATION OF A DENTAL CONDITION**
[54] **PROCEDE DE CREATION D'UNE REPRESENTATION GRAPHIQUE D'UN ETAT DENTAIRE**
[72] SCHNEIDER, SASCHA, DE
[72] DERZAPF, EVGENIJ, DE
[72] SEIBERT, FRANK, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[71] DENTSPLY SIRONA INC., US
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[54] **TYRE**
[54] **PNEUMATIQUE**
[72] THUILLIEZ, ANNE-LISE, FR
[72] LEDOUX, CELINE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **HERMETIC PACKAGING OF ELECTRONIC COMPONENTS**
[54] **EMBALLAGE HERMETIQUE POUR COMPOSANTS ELECTRONIQUES**
[72] DETERRE, MARTIN, FR
[72] TENAILLEAU, JEAN-RENE, FR
[72] KAMINS, THEODORE I., US
[71] PIXIUM VISION SA, FR
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[54] **INJECTION SPRING FOR AGED PREFILLED SYRINGE AND AUTO INJECTOR**
[54] **RESSORT D'INJECTION POUR SERINGUE PRE-REMPLIE VIEILLIE ET AUTO-INJECTEUR**
[72] GIBSON, PAUL ANDREW CHRISTOPHER, GB
[72] CUMMINGS, EDWARD ANDREW, GB
[71] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
[85] 2021-03-22
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[54] **SYSTEM AND METHOD TO INTEGRATE EMOTION DATA INTO SOCIAL NETWORK PLATFORM AND SHARE THE EMOTION DATA OVER SOCIAL NETWORK PLATFORM**
[54] **SYSTEME ET PROCEDE POUR INTEGRER DES DONNEES D'EMOTION DANS UNE PLATEFORME DE RESEAU SOCIAL ET PARTAGER LES DONNEES D'EMOTION SUR UNE PLATEFORME DE RESEAU SOCIAL**
[72] CURTIS, STEVE, CA
[71] CURTIS, STEVE, CA
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[54] **SYSTEM AND METHOD FOR COLLECTING, ANALYZING AND SHARING BIORHYTHM DATA AMONG USERS**
[54] **SYSTEME ET PROCEDE DE COLLECTE, D'ANALYSE ET DE PARTAGE DE DONNEES BIORYTHMIQUES ENTRE UTILISATEURS**
[72] CURTIS, STEVE, CA
[71] CURTIS, STEVE, CA
[85] 2021-03-22
[86] 2019-09-21 (PCT/IB2019/058003)
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[30] US (62/734,490) 2018-09-21
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[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTING REVENUE AMONG USERS BASED ON QUANTIFIED AND QUALIFIED EMOTIONAL DATA**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE REVENUS A DES UTILISATEURS SUR LA BASE DE DONNEES EMOTIONNELLES QUANTIFIEES ET QUALIFIEES**
[72] CURTIS, STEVE, CA
[71] CURTIS, STEVE, CA
[85] 2021-03-22
[86] 2019-09-21 (PCT/IB2019/058004)
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[54] **METHODS OF PRODUCING PYRAZOLE COMPOUNDS**
[54] **PROCEDES DE PRODUCTION DE COMPOSES PYRAZOLE**
[72] GUPTA, RAMESH CHANDRA, IN
[72] SINGARAVEL, MOHAN, IN
[72] CHHIPA, LAXMIKANT, IN
[72] KASUNDRA, ASHOK, IN
[71] TORRENT PHARMACEUTICALS LIMITED, IN
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[25] EN
[54] **HOT ROLLED STEEL AND A METHOD OF MANUFACTURING THEREOF**
[54] **ACIER LAMINE A CHAUD ET SON PROCEDE DE FABRICATION**
[72] DE STRYCKER, JOOST, BE
[72] VAN DEN BERGH, KRISTA, BE
[72] VEYS, XAVIER, BE
[72] FERNANDEZ MACIA, LUCIA, BE
[72] GUNGOR AYAS, OZLEM, BE
[72] LIEBEHERR, MARTIN, BE
[71] ARCELORMITTAL, LU
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[54] **AUTOMATIC OPTICAL PATH ADJUSTMENT IN HOME OCT**
[54] **AJUSTEMENT AUTOMATIQUE DU PARCOURS OPTIQUE DANS UNE OCT DOMESTIQUE**
[72] PASCAL, AMIT, IL
[72] RAFAELI, OMER, IL
[72] ALSTER, YAIR, IL
[72] GOREN-GRATZYANI, GIDON, IL
[71] NOTAL VISION LTD., IL
[85] 2021-03-22
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[54] **POLYMER COATED PAPER AND PAPERBOARD**
[54] **PAPIER ET CARTON ENDUITS DE POLYMERE**
[72] RIBU, VILLE, FI
[72] NEVALAINEN, KIMMO, FI
[72] TORISEVA, JUUSO, FI
[72] SUOKAS, ESA, FI
[72] KUUSIPALO, JURKKA, FI
[71] STORA ENSO OYJ, FI
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[54] **IMPROVED PROCOAGULANT ANTIBODIES**
[54] **ANTICORPS PROCOAGULANTS AMELIORES**
[72] THORN, KARINA, DK
[72] HANSEN, BJARNE GRAM, DK
[72] JOHNSEN, LAUST BRUUN, DK
[72] HARNDAHL, MIKKEL NORS, DK
[72] YANG, ZHIRU, CN
[72] OSTERGAARD, HENRIK, DK
[72] GREISEN, PER J., DK
[72] JOHANSSON, EVA, DK
[72] RASCH, MORTEN GRONBECH, DK
[72] CHEN, JIANHE, CN
[72] SVENSSON, ANDERS, DK
[72] ZHU, HAISUN, CN
[72] ZHOU, RONG, CN
[71] NOVO NORDISK A/S, DK
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[54] **FLEXIBLE CONTAINER WITH SPOUTS AND CLOSURE**
[54] **RECIPIENT SOUPLE A BECS VERSEURS ET FERMETURE**
[72] FINELL, REBECCA M., US
[72] NELSON, JOSHUA J., US
[71] FINELL CO., LLC, US
[85] 2021-03-22
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[54] **REGULATED GENE EDITING SYSTEM**
[54] **SYSTEME D'EDITION DE GENES REGULE**
[72] SAMULSKI, RICHARD JUDE, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2021-03-22
[86] 2019-10-09 (PCT/US2019/055310)
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[54] **COMBINATION THERAPY FOR TREATING CANCER WITH AN INTRAVENOUS ADMINISTRATION OF A RECOMBINANT MVA AND AN IMMUNE CHECKPOINT ANTAGONIST OR AGONIST**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER COMPRENANT UNE ADMINISTRATION INTRAVEINEUSE DE MVA RECOMBINE ET D'UN ANTAGONISTE OU D'UN AGONISTE D'UN POINT DE CONTROLE IMMUNITAIRE**
[72] LAUTERBACH, HENNING, DE
[72] MEDINA ECHEVERZ, JOSE, DE
[72] HINTERBERGER, MARIA, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2021-03-22
[86] 2019-10-04 (PCT/EP2019/076947)
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[54] **PYRIMIDINE AND PYRAZINE HDAC1,2 INHIBITORS**
[54] **INHIBITEURS DE PYRIMIDINE ET DE PYRAZINE HDAC 1, 2**
[72] VAN DUZER, JOHN H., US
[72] MAZITSCHEK, RALPH, US
[72] BLUM, CHARLES, US
[72] JARPE, MATTHEW B., US
[71] REGENACY PHARMACEUTICALS, LLC, US
[85] 2021-03-22
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[25] EN
[54] **MODULATION OF GRANZYME K ACTIVITY IN THE TREATMENT OF SKIN CONDITIONS**
[54] **MODULATION DE L'ACTIVITE DU GRANZYME K DANS LE TRAITEMENT D'AFFECTIONS CUTANEES**
[72] GRANVILLE, DAVID J., CA
[72] TURNER, CHRISTOPHER, CA
[72] ZEGLINSKI, MATTHEW, CA
[72] RICHARDSON, KATLYN, CA
[72] HIROYASU, SHO, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **TRANSCRIPTIONAL ENHANCED ASSOCIATE DOMAIN (TEAD) TRANSCRIPTION FACTOR INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DU FACTEUR DE TRANSCRIPTION A DOMAINE ASSOCIE TRANSCRIPTIONNEL AMELIORE (TEAD) ET LEURS UTILISATIONS**
[72] GRAY, NATHANAEL S., US
[72] ZHANG, TINGHU, US
[72] LIU, YAO, US
[72] FAN, MENGYANG, US
[72] GAO, YANG, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[51] **Int.Cl. G01F 15/06 (2006.01) G01F 22/02 (2006.01) G01F 23/18 (2006.01) G01F 23/26 (2006.01)**
[25] EN
[54] **RADIO TRANSMITTER DEVICE FOR USE IN METHOD AND SYSTEM FOR MONITORING, CONTROLLING AND OPTIMIZING FLOW OF PRODUCTS**
[54] **DISPOSITIF EMETTEUR RADIO DESTINE A ETRE UTILISE DANS UN PROCEDE ET UN SYSTEME DE SURVEILLANCE, DE CONTROLE ET D'OPTIMISATION DE DEBIT DE PRODUITS**
[72] JONES, TIMOTHY LEONARD, US
[71] KEGSPEED, LLC, US
[85] 2021-03-22
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[51] **Int.Cl. C02F 3/32 (2006.01) A01B 33/16 (2006.01) C02F 1/00 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR IN-SITU RECONDITIONING OF A MEDIA USED IN AN EFFLUENT TREATMENT BED**
[54] **APPAREIL DE RECONDITIONNEMENT IN SITU D'UN MILIEU UTILISE DANS UN LIT DE TRAITEMENT D'EFFLUENT**
[72] CHILIBECK, SEAN ALEXANDER, CA
[72] COOK, ERIC TASKER, CA
[72] HERRITT, TODD MICHAEL, CA
[71] ABYDOZ ENVIRONMENTAL INC., CA
[85] 2021-03-23
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[87] (WO2020/061692)
[30] US (62/737,346) 2018-09-27

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[25] EN
[54] **GARMENT FOR STABILIZING A HUMAN ANATOMICAL JOINT**
[54] **VETEMENT DE STABILISATION D'UNE ARTICULATION ANATOMIQUE HUMAINE**
[72] EBERWEIN, ZACHARY, CA
[72] REILLY, KEVIN T., CA
[72] MORGAN, SCOTT, CA
[72] RUTCKYJ, NICK, CA
[71] STOKO DESIGN INC., CA
[85] 2021-03-23
[86] 2019-11-07 (PCT/CA2019/051584)
[87] (WO2020/093160)
[30] US (62/758,549) 2018-11-10

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[51] **Int.Cl. B65D 25/20 (2006.01) B65D 21/032 (2006.01) B65D 25/28 (2006.01) B65D 25/38 (2006.01) F16K 21/00 (2006.01) F16K 27/00 (2006.01) F17C 1/00 (2006.01)**
[25] EN
[54] **PRESSURIZABLE FLUID CONTAINER AND VALVING STRUCTURE THEREOF**
[54] **RECIPIENT DE FLUIDE POUVANT ETRE MIS SOUS PRESSION ET SURFACE DE DISTRIBUTION ASSOCIEE**
[72] STOCKTON, BOB, CA
[72] KOBELKA, MELANIE, CA
[71] FIRST ELEMENT PACKAGING INC., CA
[85] 2021-03-23
[86] 2020-05-12 (PCT/CA2020/050644)
[87] (WO2020/257920)
[30] US (62/867,673) 2019-06-27
[30] US (62/869,764) 2019-07-02

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[51] **Int.Cl. F23C 99/00 (2006.01)**
[25] FR
[54] **FLAT-ROOF CHEMICAL LOOPING COMBUSTION REACTOR**
[54] **REACTEUR DE COMBUSTION EN BOUCLE CHIMIQUE A TOIT PLAT**
[72] CLOUPET, ANN, FR
[72] TEBIANIAN, SINA, FR
[72] GUILLOU, FLORENT, FR
[72] BERTHOLIN, STEPHANE, FR
[72] TILLAND, AIRY, FR
[72] AMBLARD, BENJAMIN, FR
[72] YAZDANPANAH, MAHDI, FR
[72] REDDY KARRI, SURYA, US
[72] KNOWLTON, TEDD, US
[71] IFP ENERGIES NOUVELLES, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[85] 2021-03-19
[86] 2019-12-10 (PCT/EP2019/084511)
[87] (WO2020/126704)
[30] FR (1873092) 2018-12-17

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **AN APPARATUS, COMPUTER PROGRAM AND METHOD**
[54] **APPAREIL, PROGRAMME INFORMATIQUE ET PROCEDE**
[72] DEWAR, MICHAEL, GB
[71] IPCO 2012 LIMITED, GB
[85] 2021-03-23
[86] 2019-09-18 (PCT/EP2019/075024)
[87] (WO2020/064463)
[30] EP (18197516.0) 2018-09-28

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[51] **Int.Cl. C10L 5/08 (2006.01) C10L 5/36 (2006.01) C10L 5/44 (2006.01) C10L 9/08 (2006.01)**
[25] EN
[54] **A METHOD FOR THE CONTINUOUS PRODUCTION OF A COMBUSTIBLE MATERIAL FOR AN INDUSTRIAL BOILER, CORRESPONDING MATERIAL AND INSTALLATION**
[54] **PROCEDE DE FABRICATION EN CONTINU D'UNE MATIERE COMBUSTIBLE POUR CHAUDIERE INDUSTRIELLE, MATIERE ET INSTALLATION CORRESPONDANTES**
[72] DESPRES, JEAN-LUC, FR
[72] QUINTERO-MARQUEZ, ADRIANA, FR
[72] MARTEL, FREDERIC, FR
[71] EUROPEENNE DE BIOMASSE, FR
[85] 2021-03-23
[86] 2019-10-28 (PCT/EP2019/079444)
[87] (WO2020/089187)
[30] FR (1860022) 2018-10-29
[30] FR (1905269) 2019-05-20

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[13] A1
[51] **Int.Cl. G06F 11/22 (2006.01)**
[25] FR
[54] **NON-INTRUSIVE AUTOMATED TEST BENCH, INTENDED TO PERFORM MECHANICAL AND/OR SOFTWARE AND/OR VISUAL AND/OR AUDIO TESTS ON THE HUMAN-MACHINE INTERFACE OF AN APPARATUS/DEVICE**
[54] **BANC DE TEST AUTOMATISE, NON INTRUSIF, DESTINE A REALISER DES TESTS MECANIQUES ET/OU LOGICIELS ET/OU VISUELS ET/OU SONORES D'INTERFACE HOMME-MACHINE D'UN APPAREIL/EQUIPEMENT**
[72] BARTHELEMY, CHRISTOPHE, FR
[72] LE GAL, THOMAS, FR
[72] DESSALES, ANTOINE, FR
[71] PONANT TECHNOLOGIES, FR
[85] 2021-03-23
[86] 2019-09-23 (PCT/EP2019/075565)
[87] (WO2020/064653)
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[51] **Int.Cl. G06T 7/00 (2017.01) G06T 7/246 (2017.01)**
[25] FR
[54] **METHOD FOR THE AUTOMATED ANALYSIS OF CELLULAR CONTRACTIONS OF A SET OF BIOLOGICAL CELLS**
[54] **PROCEDE D'ANALYSE AUTOMATISEE DES CONTRACTIONS CELLULAIRES D'UN ENSEMBLE DE CELLULES BIOLOGIQUES.**
[72] HOMAN, TESSA, FR
[72] DELANOE-AYARI, HELENE, FR
[72] MOREAU, ADRIEN, FR
[72] MEJAT, ALEXANDRE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES, FR
[85] 2021-03-23
[86] 2019-09-25 (PCT/EP2019/075897)
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[13] A1
[51] **Int.Cl. B81B 7/00 (2006.01)**
[25] FR
[54] **HERMETIC HOUSING COMPRISING A GETTER, OPTOELECTRONIC COMPONENT OR MEMS DEVICE INCORPORATING SUCH A HERMETIC HOUSING AND ASSOCIATED PRODUCTION METHOD**
[54] **BOITIER HERMETIQUE COMPORTANT UN GETTER, COMPOSANT OPTOELECTRONIQUE OU DISPOSITIF MEMS INTEGRANT UN TEL BOITIER HERMETIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] LEMETTRE, SYLVAIN, FR
[72] BUNEL, DAVID, FR
[72] MOULIN, JOHAN, FR
[72] BOSSEBOEUF, ALAIN, FR
[71] LYNRED, FR
[71] UNIVERSITE PARIS-SACLAY, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2021-03-23
[86] 2019-09-27 (PCT/EP2019/076186)
[87] (WO2020/094292)
[30] FR (1860267) 2018-11-08

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[13] A1
[51] **Int.Cl. G01J 5/02 (2006.01) G01J 5/22 (2006.01)**
[25] FR
[54] **PROCESS FOR PRODUCING AN INFRARED DETECTOR AND ASSOCIATED INFRARED DETECTOR**
[54] **PROCEDE DE REALISATION D'UN DETECTEUR INFRAROUGE ET DETECTEUR INFRAROUGE ASSOCIE**
[72] CORTIAL, SEBASTIEN, FR
[71] LYNRED, FR
[85] 2021-03-23
[86] 2019-11-26 (PCT/EP2019/082603)
[87] (WO2020/120129)
[30] FR (1872587) 2018-12-10

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[13] A1
[51] **Int.Cl. G06N 3/08 (2006.01) G06K 9/62 (2006.01) G06N 3/04 (2006.01) G06T 1/40 (2006.01)**
[25] EN
[54] **MACHINE LEARNING USING STRUCTURALLY REGULARIZED CONVOLUTIONAL NEURAL NETWORK ARCHITECTURE**
[54] **APPRENTISSAGE AUTOMATIQUE UTILISANT UNE ARCHITECTURE DE RESEAU NEURONAL CONVOLUTIF STRUCTURELLEMENT REGULARISE**
[72] SINHA, PAVEL, CA
[72] ZILIC, ZELJKO, CA
[72] PSAROMILIGKOS, IOANNIS, CA
[71] SINHA, PAVEL, CA
[85] 2021-03-23
[86] 2019-09-30 (PCT/IB2019/001071)
[87] (WO2020/065403)
[30] US (62/737,960) 2018-09-28
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[51] **Int.Cl. A01N 37/02 (2006.01) A01N 37/08 (2006.01) A01N 37/10 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR FUNGI INHIBITION ON LIVE PLANTS USING CARBOXYLIC ACIDS AND THEIR SALTS**
[54] **PROCEDES D'INHIBITION DE LA CROISSANCE DE CHAMPIGNONS SUR DES PLANTES VIVANTES A L'AIDE D'ACIDES CARBOXYLIQUES ET DE LEURS SELS**
[72] RIJNEVELDSHOEK, PETER, NL
[72] BRANNEN, KELLY, US
[72] SOJKA, STANLEY, US
[71] NIACET CORPORATION, US
[85] 2021-03-23
[86] 2019-09-19 (PCT/IB2019/057923)
[87] (WO2020/079502)
[30] US (62/746,197) 2018-10-16

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[13] A1
[51] **Int.Cl. E04D 7/00 (2006.01) E04D 1/28 (2006.01) E04D 5/12 (2006.01)**
[25] EN
[54] **SOLAR-REFLECTIVE ROOFING GRANULES WITH HOLLOW GLASS SPHERES**
[54] **GRANULES DE TOITURE REFLECHISSANT LE RAYONNEMENT SOLAIRE A SPHERES DE VERRE CREUSES**
[72] AMSDEN, KRISTIN M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2021-03-23
[86] 2019-09-23 (PCT/IB2019/058050)
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[51] **Int.Cl. B32B 5/18 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 7/02 (2019.01) B32B 7/10 (2006.01) B32B 27/04 (2006.01) B32B 37/06 (2006.01)**
[25] EN
[54] **COMPOSITE FOAM ARTICLE**
[54] **ARTICLE EN MOUSSE COMPOSITE**
[72] JIMENEZ, VICTORIA, CA
[72] DONG, KEVIN LIPING, CA
[72] WHEELER, SCOTT D., CA
[72] SMITH, DERRICK, CA
[72] ZHAO, WENWEI, CA
[72] LIN, LE-CHENG JIMMY, CA
[71] PROPRIETECT L.P., CA
[85] 2021-03-23
[86] 2019-09-25 (PCT/IB2019/058146)
[87] (WO2020/065560)
[30] US (62/736,313) 2018-09-25
[30] US (62/798,666) 2019-01-30

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[51] **Int.Cl. B32B 5/18 (2006.01) B32B 7/022 (2019.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 27/04 (2006.01) B32B 27/40 (2006.01) B32B 37/06 (2006.01) B32B 37/10 (2006.01)**
[25] EN
[54] **COMPOSITE FOAM ARTICLE**
[54] **ARTICLE EN MOUSSE COMPOSITE**
[72] BEGG, DAVID, CA
[72] DONG, KEVIN LIPING, CA
[72] ULMAN, DOROTA, CA
[72] WHEELER, SCOTT D., CA
[72] LIN, LE-CHENG JIMMY, CA
[71] PROPRIETECT L.P., CA
[85] 2021-03-23
[86] 2019-09-25 (PCT/IB2019/058147)
[87] (WO2020/065561)
[30] US (62/736,292) 2018-09-25
[30] US (62/845,477) 2019-05-09

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[13] A1
[51] **Int.Cl. G06F 9/445 (2018.01)**
[25] EN
[54] **SEARCHING SAAS VIRTUAL APPLICATIONS**
[54] **RECHERCHE D'APPLICATIONS VIRTUELLES DE SAAS**
[72] GU, YOUJUN, CN
[72] ZHOU, FUPING, CN
[72] XU, WENPING, CN
[72] YUAN, XIAO, CN
[71] CITRIX SYSTEMS, INC., CN
[85] 2021-03-23
[86] 2019-07-04 (PCT/CN2019/094717)
[87] (WO2021/000321)

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[51] **Int.Cl. B32B 5/18 (2006.01) B32B 7/022 (2019.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 27/04 (2006.01) B32B 27/08 (2006.01) B32B 27/40 (2006.01) B32B 37/06 (2006.01) B32B 37/10 (2006.01)**
[25] EN
[54] **COMPOSITE FOAM ARTICLE**
[54] **ARTICLE EN MOUSSE COMPOSITE**
[72] BEGG, DAVID M., CA
[72] DONG, KEVIN LIPING, CA
[72] LIN, LE-CHENG JIMMY, CA
[72] ULMAN, DOROTA, CA
[72] WHEELER, SCOTT D., CA
[71] PROPRIETECT L.P., CA
[85] 2021-03-23
[86] 2019-09-25 (PCT/IB2019/058150)
[87] (WO2020/065564)
[30] US (62/736,292) 2018-09-25
[30] US (62/845,477) 2019-05-09

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[51] **Int.Cl. C07D 515/18 (2006.01) A61K 31/4162 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INDOLE MACROCYCLIC DERIVATIVE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF IN MEDICINE**
[54] **DERIVE MACROCYCLIQUE D'INDOLE, SON PROCEDE DE PREPARATION ET SON APPLICATION EN MEDECINE**
[72] ZHANG, GUOBAO, CN
[72] FEI, HONGBO, CN
[72] ZHANG, XIAOMIN, CN
[72] HU, WEIMIN, CN
[72] HE, FENG, CN
[72] TAO, WEIKANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2021-03-23
[86] 2019-09-27 (PCT/CN2019/108322)
[87] (WO2020/063792)
[30] CN (201811156217.6) 2018-09-30
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[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING THE NUMBER OF USERS ON AT LEAST ONE SKI RESORT RUN**
[54] **SYSTEME ET PROCEDE DE DETECTION DU NOMBRE D'UTILISATEURS SUR AU MOINS UN PARCOURS DE STATION DE SKI**
[72] OBERHUBER, PHILIPP, IT
[72] TSCHINKEL, GUNTER, AT
[71] HTI DIGITAL GMBH, AT
[85] 2021-03-23
[86] 2019-09-27 (PCT/IB2019/058232)
[87] (WO2020/065606)
[30] IT (102018000008982) 2018-09-27
[30] IT (102019000006570) 2019-05-06

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[51] **Int.Cl. H04L 1/06 (2006.01) H04W 4/02 (2018.01) H04L 5/00 (2006.01) H04L 25/02 (2006.01) H04L 25/03 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **EFFICIENT TRANSPORT OF INTERNET OF THINGS (IOT) TRAFFIC IN TERRESTRIAL WIRELESS AND SATELLITE NETWORKS**
[54] **TRANSPORT EFFICIENT DE TRAFIC D'INTERNET DES OBJETS (IOT) DANS DES RESEAUX TERRESTRES SANS FIL ET SATELLITAIRES**
[72] RAVISHANKAR, CHANNASANDRA, US
[72] JONG, JAMES JEHONG, US
[72] ZAKARIA, GAGUK, US
[72] BENAMMAR, NASSIR, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2021-03-23
[86] 2018-12-31 (PCT/US2018/068228)
[87] (WO2020/068149)
[30] US (62/736,152) 2018-09-25
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[51] **Int.Cl. A01M 1/02 (2006.01)**
[25] EN
[54] **BIO-ROBOTIC DEVICE FOR LURING AND KILLING HEMATOPHAGOUS ARTHROPODS**
[54] **DISPOSITIF BIO-ROBOTIQUE POUR ATTIRER ET TUER DES ARTHROPODES HEMATOPHAGES**
[72] ANGUILLESI, DAVID, IT
[72] LA PLACA, PEPPUCCIO, IT
[72] ROMANO, DONATO, IT
[72] STEFANINI, CESARE, IT
[71] HUMAN CENTERED AND BIO-INSPIRED IDEAS FOR DAILY LIFE S.R.L. IN SIGLA HUBILIFE S.R.L., IT
[85] 2021-03-23
[86] 2019-10-25 (PCT/IB2019/059177)
[87] (WO2020/084590)
[30] IT (102018000009833) 2018-10-26

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[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **EVENT MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'EVENEMENTS**
[72] ASANUMA, KATSUHIDE, JP
[71] ASANUMA HOLDINGS CO., LTD., JP
[85] 2021-03-23
[86] 2018-12-27 (PCT/JP2018/048118)
[87] (WO2020/079861)
[30] JP (2018-194387) 2018-10-15

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[51] **Int.Cl. C08G 65/26 (2006.01) B01F 17/52 (2006.01) C07C 217/08 (2006.01) C08G 65/325 (2006.01) C08G 65/333 (2006.01) C10L 1/238 (2006.01) C10L 10/04 (2006.01)**
[25] EN
[54] **CYCLIC AMIDE INITIALIZED POLYETHERAMINE AND USES THEREOF**
[54] **POLYETHERAMINE INITIALISEE PAR UN AMIDE CYCLIQUE ET SES UTILISATIONS**
[72] ZHAO, HAIBO, US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2021-03-23
[86] 2019-07-29 (PCT/US2019/043871)
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[30] US (62/736,124) 2018-09-25

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[51] **Int.Cl. C04B 35/565 (2006.01) C04B 35/577 (2006.01) C04B 35/628 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **COATED SILICON CARBIDE PARTICLE POWDER**
[54] **POUDRE DE PARTICULES DE CARBURE DE SILICIUM REVETUES**
[72] TAGUCHI, SOUMA, JP
[72] KAMOSHIDA, KEIGO, JP
[72] KATO, AKIHIRO, JP
[72] ASHITAKA, KEIJI, JP
[72] MIWA, NAOYA, JP
[72] HINOKI, TATSUYA, JP
[72] SHIMODA, KAZUYA, JP
[71] FUJIMI INCORPORATED, JP
[71] KYOTO UNIVERSITY, JP
[85] 2021-03-23
[86] 2019-06-13 (PCT/JP2019/023511)
[87] (WO2020/066152)
[30] JP (2018-183284) 2018-09-28

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[51] **Int.Cl. A61L 27/36 (2006.01) A61L 27/38 (2006.01)**
[25] EN
[54] **PREPARATION METHOD FOR REVITALIZING A BIOCOMPATIBLE TISSUE**
[54] **PROCEDE DE PREPARATION DE LA REVITALISATION D'UN TISSU BIOCOMPATIBLE**
[72] POZZATO, GIANANTONIO, IT
[72] MARZARO, MAURIZIO, IT
[71] TELEA BIOTECH S.R.L., IT
[85] 2021-03-23
[86] 2020-03-06 (PCT/IB2020/051947)
[87] (WO2020/178792)
[30] IT (102019000003299) 2019-03-07

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[51] **Int.Cl. G09F 3/10 (2006.01) B32B 7/06 (2019.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **LINERLESS MULTI-PART LABEL SYSTEMS**
[54] **SYSTEMES D'ETIQUETTES EN PLUSIEURS PARTIES SANS SUPPORT**
[72] VALENTI, JR., F. PAUL, US
[72] OPEL, CARL, US
[72] HEDGER, DANIEL, US
[71] CHICAGO TAG & LABEL, INC., US
[85] 2021-03-23
[86] 2019-08-09 (PCT/US2019/045966)
[87] (WO2020/101775)
[30] US (16/191,036) 2018-11-14

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[51] **Int.Cl. G01K 1/14 (2021.01) G01K 13/02 (2021.01)**
[25] EN
[54] **NON-INVASIVE PROCESS FLUID TEMPERATURE INDICATION FOR HIGH TEMPERATURE APPLICATIONS**
[54] **INDICATION NON INVASIVE DE TEMPERATURE DE FLUIDE DE TRAITEMENT POUR DES APPLICATIONS A HAUTE TEMPERATURE**
[72] RUD, JASON H., US
[71] ROSEMOUNT INC, US
[85] 2021-03-23
[86] 2019-09-19 (PCT/US2019/051911)
[87] (WO2020/068551)
[30] US (16/139,341) 2018-09-24

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[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21V 29/503 (2015.01) F21V 29/51 (2015.01) F21V 29/70 (2015.01) B64F 1/20 (2006.01) B64F 1/36 (2017.01) F21V 5/00 (2018.01) F21V 8/00 (2006.01) F21V 15/01 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **RUNWAY-EMBEDDED FLASH LIGHTING DEVICE**
[54] **DISPOSITIF LUMINEUX DE PISTE CLIGNOTANT INTEGRE**
[72] MIZOBE, NORIMASA, JP
[71] HOTALUX, LTD., JP
[85] 2021-03-23
[86] 2019-08-21 (PCT/JP2019/032558)
[87] (WO2020/084884)
[30] JP (2018-201404) 2018-10-26

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[51] **Int.Cl. A61K 31/685 (2006.01) A61K 31/155 (2006.01) A61P 27/02 (2006.01) A61P 33/04 (2006.01)**
[25] EN
[54] **USE OF MILTEFOSINE FOR TREATING FREE-LIVING AMOEBIC INFECTIONS**
[54] **NOUVEAUX TRAITEMENTS POUR DES INFECTIONS AMIBIENNES LIBRES**
[72] MACLAUGHLAN, TODD EWEN, US
[71] PROFOUNDA, INC., US
[85] 2021-03-23
[86] 2019-09-20 (PCT/US2019/052038)
[87] (WO2020/068562)
[30] US (62/735,338) 2018-09-24
[30] US (16/515,745) 2019-07-18

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR GENERATING AND PRESENTING ON-DEMAND DETAILING CONTENT WITH COMMUNICATION INTERFACE ABOUT A PRODUCT OR SERVICE**
[54] **SYSTEME ET PROCEDE DE GENERATION ET DE PRESENTATION D'UN CONTENU DE DESCRIPTION DETAILLEE A LA DEMANDE AVEC UNE INTERFACE DE COMMUNICATION CONCERNANT UN PRODUIT OU UN SERVICE**
[72] VISWANATHAN, MARUTHI, IN
[71] RXPRISM HEALTH SYSTEMS PVT. LTD, IN
[71] VISWANATHAN, MARUTHI, IN
[85] 2021-03-17
[86] 2019-04-20 (PCT/IB2019/053283)
[87] (WO2019/207452)
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[54] **COMPOSITE FUEL MANIFOLDS**
[54] **COLLECTEURS DE CARBURANT COMPOSITES**
[72] BROOME, MARK ALLEN, US
[72] RUTAN, SETH E., US
[72] GOEDDEKE, MARK G., US
[71] WOODWARD, INC., US
[85] 2021-03-23
[86] 2019-09-23 (PCT/US2019/052392)
[87] (WO2020/068644)
[30] US (62/736,367) 2018-09-25
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[54] **LIQUID VAPORIZATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE VAPORISATION DE LIQUIDE**
[72] THOMPSON, KENNETH O., US
[72] WARNER, KEVIN, US
[72] PALUCH, WILLIAM C., US
[71] MUSTANG SAMPLING LLC, US
[85] 2021-03-23
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[51] **Int.Cl. C12N 1/14 (2006.01) C12M 1/04 (2006.01) C12P 1/02 (2006.01)**
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[54] **A BIOREACTOR PARADIGM FOR THE PRODUCTION OF SECONDARY EXTRA-PARTICLE HYPHAL MATRICES**
[54] **PARADIGME DE BIOREACTEUR SERVANT A LA PRODUCTION DE MATRICES HYPHALES EXTRAPARTICULAIRES SECONDAIRES**
[72] WINISKI, JACOB MICHAEL, US
[72] MUELLER, PETER JAMES, US
[71] ECOVATIVE DESIGN LLC, US
[85] 2021-03-23
[86] 2019-08-23 (PCT/US2019/047977)
[87] (WO2020/072140)
[30] US (62/740,159) 2018-10-02
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[54] **MULTI-DIRECTIONAL BEAM FOR A DRYWALL CEILING SOFFIT RELATED APPLICATION**
[54] **POUTRE MULTIDIRECTIONNELLE POUR UNE APPLICATION ASSOCIEE A UN SOFFITE DE PLAFOND A CLOISON SECHE**
[72] SAREYKA, BRETT W., US
[72] LIN, YU, US
[72] MARKLEY, JEFF, US
[72] ROBBINS, JASON, US
[72] PLACE, SEBASTIEN, US
[72] NEAL, JOSHUA, US
[71] WORTHINGTON ARMSTRONG VENTURE, US
[85] 2021-02-08
[86] 2019-08-09 (PCT/US2019/045935)
[87] (WO2020/033847)
[30] US (62/717,076) 2018-08-10
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[51] **Int.Cl. F02C 7/22 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) F02K 3/10 (2006.01) F23R 3/20 (2006.01)**
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[54] **COMPOSITE SPRAY BARS**
[54] **BARRES DE PULVERISATION COMPOSITES**
[72] BROOME, MARK ALLEN, US
[72] RUTAN, SETH E., US
[72] GOEDDEKE, MARK G., US
[71] WOODWARD, INC., US
[85] 2021-03-23
[86] 2019-09-23 (PCT/US2019/052400)
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[54] **TASK DETECTION IN COMMUNICATIONS USING DOMAIN ADAPTATION**
[54] **DETECTION DE TACHES DANS DES COMMUNICATIONS A L'AIDE D'UNE ADAPTATION DE DOMAINE**
[72] SIM, ROBERT A., US
[72] WHITE, RYEN W., US
[72] AZARBONYAD, HOSEIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2021-03-23
[86] 2019-09-05 (PCT/US2019/049617)
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[51] **Int.Cl. C25C 1/08 (2006.01) C22B 3/00 (2006.01) C22B 7/00 (2006.01) C22B 15/00 (2006.01) C22B 23/00 (2006.01) C22B 26/12 (2006.01) C22B 47/00 (2006.01) C25C 1/12 (2006.01) C25C 7/00 (2006.01)**
[25] EN
[54] **BATTERY RECYCLING WITH ELECTROLYSIS OF THE LEACH TO REMOVE COPPER IMPURITIES**
[54] **RECYCLAGE DE BATTERIE AVEC ELECTROLYSE DU LIXIVIAT POUR ELIMINER LES IMPURETES DE CUIVRE**
[72] ROHDE, WOLFGANG, DE
[72] BAYER, DOMNIK, DE
[72] ADERMANN, TORBEN, DE
[71] BASF SE, DE
[85] 2021-03-23
[86] 2019-10-08 (PCT/EP2019/077258)
[87] (WO2020/078779)
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR SUPPORT STRUCTURE DEPTH DETERMINATION**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR DETERMINATION DE PROFONDEUR DE STRUCTURE DE SUPPORT**
[72] PHAN, RAYMOND, CA
[72] YU, YUANHAO, CA
[72] RZESZUTEK, RICHARD JEFFREY, CA
[72] LAM, JOSEPH, CA
[71] ZEBRA TECHNOLOGIES CORPORATION, US
[85] 2021-03-23
[86] 2019-09-05 (PCT/US2019/049761)
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[51] **Int.Cl. B25C 1/00 (2006.01) B25C 1/08 (2006.01)**
[25] EN
[54] **GAS-OPERATED FIXING TOOL AND METHOD OF OPERATING IT**
[54] **OUTIL DE FIXATION ACTIONNE PAR GAZ ET SON PROCEDE DE FONCTIONNEMENT**
[72] RICORDI, CHRISTIAN, US
[72] BAUDRAND, OLIVIER, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2021-03-23
[86] 2019-09-09 (PCT/US2019/050171)
[87] (WO2020/072174)
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[54] **ULTRASONIC TIP WITH PROTRUSION DEFINING A PREASPIRATION HOLE**
[54] **POINTE ULTRASONORE DOTEE D'UNE SAILLIE DEFINISSANT UN TROU DE PRE-ASPIRATION**
[72] GRAS, GUILLAUME, CH
[72] HEAVEY, CATHAL, IE
[72] MC CAETHY, CONOR, IE
[71] STRYKER EUROPEAN OPERATIONS HOLDINGS LLC, US
[85] 2021-03-23
[86] 2019-09-23 (PCT/US2019/052451)
[87] (WO2020/068678)
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[25] EN
[54] **NON-INJECTABLE HYDROGEL FORMULATIONS FOR SMART RELEASE**
[54] **FORMULATIONS D'HYDROGEL NON INJECTABLES PERMETTANT UNE LIBERATION INTELLIGENTE**
[72] VAN DER POLL, DEREK G., US
[72] BLASIOLI, DOMINICK J., US
[72] ZUGATES, GREGORY T., US
[71] ALIVIO THERAPEUTICS, INC., US
[85] 2021-03-23
[86] 2019-09-10 (PCT/US2019/050405)
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[25] EN
[54] **APPARATUS AND METHOD FOR APPLICATION OF ABSORBENT ARTICLE**
[54] **APPAREIL ET PROCEDE D'APPLICATION D'ARTICLE ABSORBANT**
[72] BOWSER, WILLIAM, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2021-03-23
[86] 2019-09-12 (PCT/US2019/050765)
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[30] US (16/141,027) 2018-09-25

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[25] EN
[54] **INTEGRATED SINGLE-SOURCED COOLING OF SUPERCONDUCTING MAGNETS AND RF COILS IN NUCLEAR MAGNETIC RESONANCE DEVICES**
[54] **REFROIDISSEMENT A SOURCE UNIQUE INTEGRE D'AIMANTS SUPRACONDUCTEURS ET DE BOBINES RF DANS DES DISPOSITIFS DE RESONANCE MAGNETIQUE NUCLEAIRE**
[72] POURRAHIMI, SHAHIN, US
[71] POURRAHIMI, SHAHIN, US
[85] 2021-03-23
[86] 2019-09-23 (PCT/US2019/052513)
[87] (WO2020/068708)
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[54] **ROOFING MEMBRANES WITH IMPROVED ADHESIVE BONDING STRENGTH**
[54] **MEMBRANES DE TOITURE PRESENTANT UNE FORCE DE LIAISON ADHESIVE AMELIOREE**
[72] YU, LINGTAO, US
[72] XING, LINLIN, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[85] 2021-03-23
[86] 2019-09-16 (PCT/US2019/051265)
[87] (WO2020/068468)
[30] US (62/735,392) 2018-09-24
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[51] **Int.Cl. C05C 3/00 (2006.01) C05B 11/00 (2006.01) C05D 5/00 (2006.01)**
[25] EN
[54] **AMMONIUM SULFATE FERTILIZER WITH WATER-SOLUBLE MICRONUTRIENTS**
[54] **ENGRAIS AU SULFATE D'AMMONIUM AVEC MICRONUTRIMENTS SOLUBLES DANS L'EAU**
[72] AZIMOVA, MARIA A., US
[72] YUAN, HUAJUN, US
[72] WILLIAMS, STEPHANIE, US
[72] FREDERICKS, JULIANNE, US
[71] ADVANSIX RESINS & CHEMICALS LLC, US
[85] 2021-03-23
[86] 2019-09-18 (PCT/US2019/051744)
[87] (WO2020/068515)
[30] US (62/737,147) 2018-09-27

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[51] **Int.Cl. C07H 19/056 (2006.01) A61K 31/7056 (2006.01) A61P 11/00 (2006.01) C07H 13/08 (2006.01) C07H 13/10 (2006.01) C07H 15/26 (2006.01)**
[25] EN
[54] **GALACTOSIDE INHIBITOR OF GALECTINS**
[54] **INHIBITEUR GALACTOSIDE DE GALECTINES**
[72] ZETTERBERG, FREDRIK, SE
[72] NILSSON, ULF, SE
[72] BRIMERT, THOMAS, SE
[72] PETERSON, KRISTOFFER, SE
[72] JANSSON, KARL, SE
[71] GALECTO BIOTECH AB, DK
[85] 2021-03-23
[86] 2019-10-09 (PCT/EP2019/077408)
[87] (WO2020/078808)
[30] EP (18200415.0) 2018-10-15

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[51] **Int.Cl. C09D 17/00 (2006.01) C09D 7/43 (2018.01) C09D 7/62 (2018.01) C09D 7/63 (2018.01) B05D 1/36 (2006.01) B05D 7/24 (2006.01) B32B 33/00 (2006.01) C09D 5/02 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **EFFECT PIGMENT DISPERSION AND METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **DISPERSION DE PIGMENT BRILLANT ET PROCEDE DE FORMATION D'UN FILM DE REVETEMENT MULTICOUCHE**
[72] SAKAI, KENJI, JP
[72] NARITA, NOBUHIKO, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2021-03-23
[86] 2019-09-24 (PCT/JP2019/037193)
[87] (WO2020/066980)
[30] JP (2018-178675) 2018-09-25
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[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **METHODS OF MAKING AND TRANSPORTING FROZEN FOOD COMPOSITIONS AND RE-USING COMPONENTS UTILIZED THEREIN**
[54] **PROCEDES DE FABRICATION ET DE TRANSPORT DE COMPOSITIONS ALIMENTAIRES CONGELEES ET DE REUTILISATION DE COMPOSANTS UTILISES DANS CEUX-CI**
[72] SEE THO, TOMMY, MY
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2021-03-23
[86] 2019-10-11 (PCT/EP2019/077555)
[87] (WO2020/074682)
[30] US (62/744,894) 2018-10-12

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[51] **Int.Cl. A61B 90/98 (2016.01) A61B 90/00 (2016.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL HANDPIECE ASSEMBLY**
[54] **ENSEMBLE PIECE A MAIN CHIRURGICALE A ULTRASONS**
[72] JAMES, MEGAN, US
[72] FINEOUT, BENJAMIN, US
[72] OTA, HIDEFUMI, JP
[72] WROBLEWSKI, JASON, US
[72] ARTHUR, MARC, US
[72] MALLERY, ERIKA, US
[72] ROLFSEN, STEVEN, JR., US
[72] GRAS, GUILLAUME, CH
[72] HEAVEY, CATHAL, IE
[72] MCCARTHY, CONOR, IE
[71] STRYKER CORPORATION, US
[85] 2021-03-23
[86] 2019-09-24 (PCT/US2019/052609)
[87] (WO2020/068756)
[30] US (62/735,445) 2018-09-24

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[51] **Int.Cl. A61K 35/768 (2015.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **CANCER THERAPY BY COMBINATION USE OF ONCOLYTIC VACCINIA VIRUS AND IMMUNE CHECKPOINT INHIBITOR, AND PHARMACEUTICAL COMPOSITION AND COMBINATION MEDICINE FOR USE IN THE CANCER THERAPY**
[54] **THERAPIE ANTICANCEREUSE DANS LAQUELLE UN VIRUS DE LA VACCINE ONCOLYTIQUE ET UN INHIBITEUR DES POINTS DE CONTROLE IMMUNITAIRE SONT UTILISES EN COMBINAISON, ET COMPOSITION PHARMACEUTIQUE ET MEDICAMENT COMBINE UTILISES DANS CELLE-CI**
[72] NAKAO, SHINSUKE, JP
[72] KAWASE, TATSUYA, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2021-03-23
[86] 2019-09-25 (PCT/JP2019/037448)
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[30] JP (2018-179632) 2018-09-26

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[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/428 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **6-FLUORO-2-METHYLBENZO[D]THIAZOL-5-YL COMPOUNDS**
[54] **COMPOSES DE 6-FLUORO-2-METHYLBENZO[D]THIAZOL-5-YL**
[72] DREYFUS, NICOLAS JACQUES FRANCOIS, US
[72] LOPEZ, JOSE EDUARDO, US
[72] WINNEROSKI, LEONARD LARRY, JR., US
[72] WOERLY, ERIC MICHAEL, US
[71] ELI LILLY AND COMPANY, US
[85] 2021-03-23
[86] 2019-09-19 (PCT/US2019/051820)
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[51] **Int.Cl. A61K 31/573 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **IMMUNOABLATIVE THERAPIES**
[54] **THERAPIES IMMUNO-ABLATIVES**
[72] DEISHER, THERESA, US
[71] AVM BIOTECHNOLOGY, LLC, US
[85] 2021-03-23
[86] 2019-10-03 (PCT/US2019/054395)
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[30] EP (18198491.5) 2018-10-03

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[51] **Int.Cl. H01M 10/39 (2006.01) H01M 10/627 (2014.01) H01M 10/63 (2014.01)**
[25] EN
[54] **PARTICLE-BASED THERMAL ENERGY STORAGE SYSTEMS**
[54] **SYSTEMES D'ACCUMULATION D'ENERGIE THERMIQUE A BASE DE PARTICULES**
[72] MA, ZHIWEN, US
[72] DAVENPORT, PATRICK GORDON, US
[72] MARTINEK, JANNA, US
[71] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
[85] 2021-03-23
[86] 2019-09-24 (PCT/US2019/052612)
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[30] US (62/735,455) 2018-09-24
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[51] **Int.Cl. H04L 5/00 (2006.01) H04L 5/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BURST TRANSMISSION**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION PAR RAFALES**
[72] LEE, MOON-IL, US
[72] BALA, ERDEM, US
[72] HAGHIGHAT, AFSHIN, CA
[72] STERN-BERKOWITZ, JANET A., US
[71] IDAC HOLDINGS, INC., US
[85] 2021-03-23
[86] 2019-09-26 (PCT/US2019/053164)
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[25] EN
[54] **GENE THERAPY FOR TREATING PROPIONIC ACIDEMIA**
[54] **THERAPIE GENIQUE POUR LE TRAITEMENT DE L'ACIDEMIE PROPIONIQUE**
[72] FULLER, MATTHEW SCOTT, US
[72] WADSWORTH, SAMUEL, US
[72] CLARK, KELLY REED, US
[72] DAUGHERTY, SEAN, US
[72] CRAIG, STEWART, US
[71] ULTRAGENYX PHARMACEUTICAL INC., US
[85] 2021-03-23
[86] 2019-10-01 (PCT/US2019/054003)
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[25] EN
[54] **FEED ADDITIVE**
[54] **ADDITIF ALIMENTAIRE**
[72] ONISHI, TAKAO, JP
[72] AOYAGI, YOSHITO, JP
[72] KOIWA, MASATERU, JP
[71] COKEY SYSTEMS CO., LTD., JP
[71] ONISHI, TAKAO, JP
[85] 2021-03-23
[86] 2019-09-25 (PCT/JP2019/037524)
[87] (WO2020/067125)
[30] JP (2018-178878) 2018-09-25

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[51] **Int.Cl. G01K 1/14 (2021.01) G01K 13/02 (2021.01)**
[25] EN
[54] **LOW CONTACT CLAMP FOR NON-INVASIVE PROCESS FLUID TEMPERATURE INDICATION**
[54] **PINCE A CONTACT FAIBLE POUR INDICATION DE TEMPERATURE DE FLUIDE DE TRAITEMENT NON INVASIVE**
[72] CAVANAUGH, JACK M., US
[71] ROSEMOUNT INC., US
[85] 2021-03-23
[86] 2019-09-19 (PCT/US2019/051901)
[87] (WO2020/068550)
[30] US (16/139,319) 2018-09-24

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[25] EN
[54] **MODULAR HUMERAL HEAD**
[54] **TETE HUMERALE MODULAIRE**
[72] KNOX, KEVIN P., US
[72] MUTCHLER, AUSTIN WYATT, US
[72] NELSON, MICHAEL C., US
[72] STUMP, DAVID R., US
[71] TORNIER, INC., US
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[86] 2019-10-01 (PCT/US2019/054023)
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[30] US (62/740,342) 2018-10-02

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[25] EN
[54] **MATERIALS AND METHODS FOR ENHANCED CARBON UTILIZATION AND/OR SEQUESTRATION AS WELL AS REDUCING DELETERIOUS ATMOSPHERIC GASES**
[54] **MATERIAUX ET PROCEDES POUR UNE UTILISATION ET/OU UNE SEQUESTRATION AMELIOREE DU CARBONE AINSI QUE POUR LA REDUCTION DES GAZ ATMOSPHERIQUES DELETERES**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] ZORNER, PAUL S., US
[72] KARATHUR, KARTHIK N., US
[72] HEIDECORN, KEITH, US
[71] LOCUS IP COMPANY, LLC, US
[85] 2021-03-23
[86] 2019-10-08 (PCT/US2019/055153)
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[30] US (62/743,354) 2018-10-09
[30] US (62/884,720) 2019-08-09

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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING CONTROL RESPONSIVENESS DURING ASPIRATION**
[54] **SYSTEMES ET METHODES POUR AMELIORER LA REACTIVITE DE CONTROLE DURANT L'ASPIRATION**
[72] MERKEL, BRETT R., US
[72] SMITH, MICHAEL TEASDALE, US
[72] BALDWIN, ROBERT MITCHELL, US
[72] DANIEL, DARRYL D., II, US
[72] GATICA, ANTHONY W., US
[72] FRIEDMAN, MARK, US
[72] FINEOUT, BENJAMIN, US
[72] BODNAR, JONATHAN, US
[71] STRYKER CORPORATION, US
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[54] **DELIVERY OF LOW SURFACE TENSION COMPOSITIONS TO THE PULMONARY SYSTEM VIA ELECTRONIC BREATH ACTUATED DROPLET DELIVERY DEVICE**
[54] **ADMINISTRATION DE COMPOSITIONS A FAIBLE TENSION DE SURFACE AU SYSTEME PULMONAIRE PAR L'INTERMEDIAIRE D'UN DISPOSITIF ELECTRONIQUE DE DISTRIBUTION DE GOUTTELETTES ACTIONNE PAR LA R ESPIRATION**
[72] HUNTER, CHARLES ERIC, US
[72] THOMAS, BRIAN H., US
[72] HEBRANK, JOHN H., US
[71] PNEUMA RESPIRATORY, INC., US
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[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, AND COMMUNICATION METHOD**
[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE STATION DE BASE ET PROCEDE DE COMMUNICATION**
[72] YOSHIMURA, TOMOKI, JP
[72] SUZUKI, SHOICHI, JP
[72] NOGAMI, TOSHIZO, JP
[72] OUCHI, WATARU, JP
[72] LEE, TAEWOO, JP
[72] LIN, HUIFA, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **CULTURE ADDITIVE, CULTURE MEDIUM AND CULTURE METHOD FOR ANIMAL CELLS**
[54] **ADDITIF DE CULTURE, MILIEU DE CULTURE ET PROCEDE DE CULTURE POUR CELLULES ANIMALES**
[72] MATSUMOTO, TAKUYA, JP
[72] OGAWA, SHIMPEI, JP
[72] FUROMITSU, SHUMPEI, JP
[72] OHYA, YUSUKE, JP
[72] KOSEKI, KOTOE, JP
[72] HIGUCHI, TAKUYA, JP
[72] NISHIYAMA, MEGUMI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2021-03-23
[86] 2019-09-27 (PCT/JP2019/038354)
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[54] **HERBICIDE COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] UI, TAKAHITO, JP
[71] KAO CORPORATION, JP
[85] 2021-03-23
[86] 2019-10-30 (PCT/JP2019/042511)
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[54] **SYSTEMS AND METHODS FOR DISPLAYING A LIVE VIDEO STREAM IN A GRAPHICAL USER INTERFACE**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE D'UN FLUX VIDEO EN DIRECT DANS UNE INTERFACE UTILISATEUR GRAPHIQUE**
[72] PETRILLO, CHRISTOPHER MICHAEL, US
[72] KULLMANN, FREDERIC, US
[71] FUBOTV MEDIA INC., US
[85] 2021-03-23
[86] 2019-09-24 (PCT/US2019/052707)
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[54] **INGESTIBLE DEVICE WITH EXPANDABLE ENCLOSURE**
[54] **DISPOSITIF INGERABLE AVEC ENCEINTE DEPLOYABLE**
[72] IMRAN, MIR A., US
[71] RANI THERAPEUTICS, LLC, US
[85] 2021-03-23
[86] 2019-09-24 (PCT/US2019/052718)
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[25] EN
[54] **METHOD FOR ENCODING/DECODING VIDEO SIGNALS AND APPARATUS THEREFOR**
[54] **PROCEDE PERMETTANT DE CODER/DECODER DES SIGNAUX VIDEO ET DISPOSITIF ASSOCIE**
[72] KOO, MOONMO, KR
[72] KIM, SEUNGHWAN, KR
[72] SALEHIFAR, MEHDI, KR
[72] LIM, JAEHYUN, KR
[71] LG ELECTRONICS INC., KR
[85] 2021-03-23
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[54] **METHOD, SYSTEM, AND HEARING DEVICE FOR ENHANCING AN ENVIRONMENTAL AUDIO SIGNAL OF SUCH A HEARING DEVICE**
[54] **PROCEDE, SYSTEME, ET DISPOSITIF AUDITIF POUR AMELIORER UN SIGNAL AUDIO ENVIRONNEMENTAL D'UN TEL DISPOSITIF AUDITIF**
[72] FERRIER, MARCIANO BENITO, NL
[72] BOL, ELMER DIEDERIK, NL
[72] SINGH, SUKHJINDER, NL
[71] AUDUS B.V., NL
[85] 2021-03-23
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[54] **A DEDICATED AUDIT PORT FOR IMPLEMENTING RECOVERABILITY IN OUTPUTTING AUDIT DATA**
[54] **PORT D'AUDIT DEDIE POUR LA MISE EN □UVRE D'UNE RECUPERATION DANS LA SORTIE DE DONNEES D'AUDIT**
[72] VEISER, PAUL, SG
[72] MURPHY, TREVOR, SG
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/052882)
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[54] **COMPUTER VISION SYSTEMS AND METHODS FOR GROUND SURFACE CONDITION DETECTION AND EXTRACTION FROM DIGITAL IMAGES**
[54] **SYSTEMES ET PROCEDES DE VISION PAR ORDINATEUR POUR LA DETECTION ET L'EXTRACTION D'UN ETAT DE SURFACE DE SOL A PARTIR D'IMAGES NUMERIQUES**
[72] PORTER, BRYCE ZACHARY, US
[72] SHELTON, CORY, US
[72] BARKER, JOSH, US
[71] GEOMNI, INC., US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/052929)
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[25] EN
[54] **SPATIALLY LOCATING A MICROSEISMIC EVENT UTILIZING AN ACOUSTIC SENSING CABLE**
[54] **LOCALISATION SPATIALE D'UN EVENEMENT MICRO-SISMIQUE A L'AIDE D'UN CABLE DE DETECTION ACOUSTIQUE**
[72] ZHENG, ZHAO, US
[72] BLAND, HENRY CLIFFORD, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2021-03-23
[86] 2018-11-05 (PCT/US2018/059260)
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[54] **COMPOSITIONS AND METHODS FOR REDUCING ATMOSPHERIC METHANE AND NITROUS OXIDE EMISSIONS**
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LES EMISSIONS ATMOSPHERIQUES DE METHANE ET D'OXYDE NITREUX**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] ZORNER, PAUL S., US
[71] LOCUS IP COMPANY, LLC, US
[85] 2021-03-23
[86] 2019-10-08 (PCT/US2019/055156)
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[54] **LOGIC CIRCUITRY**
[54] **CIRCUITERIE LOGIQUE**
[72] PANSHIN, STEPHEN D., US
[72] WARD, JEFFERSON P., US
[72] LINN, SCOTT A., US
[72] GARDNER, JAMES MICHAEL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2021-03-23
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[51] **Int.Cl. F25J 3/06 (2006.01) C07C 7/09 (2006.01) C07C 11/02 (2006.01)**
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[54] **DEHYDROGENATION SEPARATION UNIT WITH MIXED REFRIGERANT COOLING**
[54] **UNITE DE SEPARATION DE DESHYDROGENATION AVEC REFROIDISSEMENT DE REFRIGERANT MIXTE**
[72] DUCOTE, DOUGLAS A., US
[72] HEYRMAN, BRENT A., US
[72] GUSHANAS, TIMOTHY P., US
[72] HOPEWELL, RICHARD, US
[71] CHART ENERGY & CHEMICALS, INC., US
[85] 2021-03-23
[86] 2019-10-08 (PCT/US2019/055170)
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[51] **Int.Cl. G06F 13/42 (2006.01) B41J 2/175 (2006.01)**
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[54] **ENSEMBLE DE CIRCUITS LOGIQUES**
[72] PANSHIN, STEPHEN D., US
[72] LINN, SCOTT A., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **LOW-INTENSITY TREATMENT OF HEMATOLOGICAL DISORDERS**
[54] **TRAITEMENT DE FAIBLE INTENSITE DE TROUBLES HEMATOLOGIQUES**
[72] CHEUNG, RONALD, US
[72] FADERL, STEFAN, US
[72] WANG, QI, US
[71] CELATOR PHARMACEUTICALS, INC., US
[85] 2021-03-23
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[25] EN
[54] **FLOW RATE OPTIMIZATION DURING SIMULTANEOUS MULTI-WELL STIMULATION TREATMENTS**
[54] **OPTIMISATION DE DEBIT PENDANT DES TRAITEMENTS DE STIMULATION MULTI-PUITS SIMULTANES**
[72] HUNTER, TIMOTHY HOLIMAN, US
[72] STEPHENSON, STANLEY VERNON, US
[72] JAASKELAINEN, MIKKO, US
[72] INYANG, UBONG AKPAN, US
[72] CAMP, JOSHUA LANE, US
[72] SWAMINATHAN, TIRUMANI N., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ALLELE-SPECIFIC DESIGN OF COOPERATIVE PRIMERS FOR IMPROVED NUCLEIC ACID VARIANT GENOTYPING**
[54] **CONCEPTION SPECIFIQUE D'ALLELES D'AMORCES COOPERATIVES POUR GENOTYPAGE DE VARIANTS D'ACIDE NUCLEIQUE AMELIORE**
[72] KENT, JANA, US
[72] CHRISTENSEN, MASEN CHAD, US
[72] SATTERFIELD, BRENT COLEMAN, US
[71] CO-DIAGNOSTICS, INC., US
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[86] 2019-09-25 (PCT/US2019/052957)
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[54] **SAMPLE HOLDER FOR ELECTRON MICROSCOPY**
[54] **PORTE-ECHANTILLON POUR MICROSCOPIE ELECTRONIQUE**
[72] SCIAINI, GERMAN, CA
[72] PETRUK, ARIEL A., CA
[71] SCIAINI, GERMAN, CA
[71] PETRUK, ARIEL A., CA
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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/15 (2006.01) E21B 7/20 (2006.01)**
[25] EN
[54] **HIGH POWER LASER COMPLETION DRILLING TOOL AND METHODS FOR UPSTREAM SUBSURFACE APPLICATIONS**
[54] **OUTIL DE FORAGE A COMPLETION PAR LASER HAUTE PUISSANCE ET PROCEDES POUR APPLICATIONS SOUS LA SURFACE EN AMONT**
[72] BATARSEH, SAMEEH ISSA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2021-03-23
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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/53 (2006.01) A61P 1/16 (2006.01) A61P 5/14 (2006.01)**
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[54] **THYROID HORMONE RECEPTOR BETA AGONIST COMPOUNDS**
[54] **COMPOSES AGONISTES DU RECEPTEUR BETA DES HORMONES THYROIDIENNES**
[72] KIRSCHBERG, THORSTEN A., US
[72] HALCOMB, RANDALL, US
[72] XU, YINGZI, US
[72] ROMERO, F. ANTHONY, US
[71] TERNS, INC., US
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[86] 2019-10-10 (PCT/US2019/055689)
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[51] **Int.Cl. B65B 7/28 (2006.01) B65B 69/00 (2006.01) G01N 35/04 (2006.01)**
[25] EN
[54] **A DEVICE FOR HOLDING ARTICLES TO REMOVE THE PACKAGING THEREFROM**
[54] **DISPOSITIF PERMETTANT DE SUPPORTER DES ARTICLES POUR RETIRER LEUR EMBALLAGE**
[72] SINNEMA, JURJEN, NL
[72] PETRI, ROGER, NL
[71] BD KIESTRA B.V., NL
[85] 2021-03-24
[86] 2018-10-04 (PCT/EP2018/077007)
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[51] **Int.Cl. H02H 3/44 (2006.01) H02H 3/06 (2006.01) H02H 11/00 (2006.01)**
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[54] **METHOD AND DEVICE FOR CONTROLLING AT LEAST ONE CIRCUIT BREAKER OF A POWER SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'AU MOINS UN DISJONCTEUR D'UN SYSTEME D'ALIMENTATION**
[72] STANEK, MICHAEL, CH
[72] KANTA, SOUMYA, IN
[71] ABB POWER GRIDS SWITZERLAND AG, CH
[85] 2021-03-24
[86] 2019-09-24 (PCT/EP2019/075651)
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[25] EN
[54] **MANIPULATOR APPARATUS FOR OPERATING ON ARTICLES**
[54] **APPAREIL MANIPULATEUR DESTINE A FONCTIONNER SUR DES ARTICLES**
[72] BIDRAM, FARHANG, CA
[72] GHASEMI TOUDESHKI, AMIRMASOUD, CA
[71] ADVANCED INTELLIGENT SYSTEMS INC., CA
[85] 2021-03-24
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[87] (WO2020/069604)
[30] US (62/741,151) 2018-10-04
[30] US (62/810,903) 2019-02-26
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[51] **Int.Cl. D21F 5/00 (2006.01) D21F 7/00 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING THE MOISTURE CONTENT OF A WEB OF CELLULOSE PULP**
[54] **PROCEDE DE DETERMINATION DE LA TENEUR EN HUMIDITE D'UNE BANDE DE PATE CELLULOSIQUE**
[72] LARSSON, OLA, SE
[71] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
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[25] EN
[54] **COMBINATION OF A PD-1 ANTAGONIST, AN ATR INHIBITOR AND A PLATINATING AGENT FOR THE TREATMENT OF CANCER**
[54] **COMBINAISON D'UN ANTAGONISTE DE PD-1, D'UN INHIBITEUR D'ATR ET D'UN AGENT DE PLATINATION POUR LE TRAITEMENT DU CANCER**
[72] ALIMZHANOV, MARAT, US
[72] SOULARD, PATRICIA, US
[72] ZENKE, FRANK, DE
[72] DAHMEN, HEIKE, DE
[72] ZIMMERMANN, ASTRID, DE
[72] SCHROEDER, ANDREAS, DE
[72] TADJALLI MEHR, KEYVAN, DE
[72] FALK, MARTIN, DE
[71] MERCK PATENT GMBH, DE
[71] PFIZER INC., US
[85] 2021-03-24
[86] 2019-09-26 (PCT/EP2019/076116)
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[25] EN
[54] **SYSTEM, DEVICES, AND METHODS FOR ACQUIRING AND VERIFYING ONLINE INFORMATION**
[54] **SYSTEME, DISPOSITIFS ET PROCEDES D'ACQUISITION ET DE VERIFICATION D'INFORMATIONS EN LIGNE**
[72] NARULA, ALOK, CA
[71] VALIDECK INTERNATIONAL, CA
[85] 2021-03-24
[86] 2019-09-25 (PCT/CA2019/051369)
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[30] US (16/141,213) 2018-09-25

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[25] EN
[54] **APPARATUS AND METHOD FOR TREATING TEETH**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DES DENTS**
[72] THOMAS, SCOTT WILLIAM, US
[72] JACOBSON, JON, US
[72] KHAKPOUR, MEHRZAD, US
[72] BERGHEIM, BJARNE, US
[72] COOK, RICHARD, US
[72] MALOOL, RAMTIN, US
[71] SONENDO, INC., US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/052990)
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[51] **Int.Cl. A47C 19/12 (2006.01) A47C 19/00 (2006.01)**
[25] EN
[54] **SLASH BED FRAME**
[54] **CADRE DE LIT PLIABLE**
[72] WHITE, CHRISTOPHER, US
[72] VAN DER LUBBE, CIVAL, US
[71] AVOCADO GREEN BRANDS, LLC, US
[85] 2021-03-23
[86] 2019-10-24 (PCT/US2019/057872)
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[30] US (62/750,274) 2018-10-25

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[51] **Int.Cl. A01N 37/06 (2006.01) A01N 37/02 (2006.01) A01N 61/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC PESTICIDAL COMPOSITIONS AND METHODS FOR DELIVERY OF ACTIVE INGREDIENTS**
[54] **COMPOSITIONS PESTICIDES SYNERGIQUES ET PROCEDES D'APPORT D'AGENTS ACTIFS**
[72] MANHAS, KARAN, CA
[72] ROZEK, ANNETT, CA
[71] 0903608 B.C. LTD., CA
[85] 2021-03-24
[86] 2019-09-27 (PCT/CA2019/051383)
[87] (WO2020/061706)
[30] US (62/737,907) 2018-09-27
[30] US (62/737,914) 2018-09-27
[30] US (62/829,512) 2019-04-04
[30] US (62/829,525) 2019-04-04

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[13] A1
[51] **Int.Cl. A61K 31/325 (2006.01) A61K 9/14 (2006.01) A61K 33/34 (2006.01) A61K 47/28 (2006.01) A61K 47/30 (2006.01) A61K 49/00 (2006.01) A61K 51/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MOLECULAR COMPLEX ASSEMBLY PARTICLES COMPRISING BIS-R1,R2-DITHIOCARBAMATE-METAL COMPLEX AND A LIGAND, METHOD OF PREPARATION AND USE THEREOF**
[54] **PARTICULES D'ASSEMBLAGE DE COMPLEXES MOLECULAIRES COMPRENANT UN COMPLEXE BIS-R1,R2-DITHIOCARBAMATE-METAL ET UN LIGAND, LEUR PROCEDE DE PREPARATION ET LEUR METHODE D'UTILISATION**
[72] MISTRIK, MARTIN, CZ
[72] BARTEK, JIRI, DK
[72] SKROTT, ZDENEK, CZ
[72] DZUBAK, PETR, CZ
[72] HAJDUCH, MARIAN, CZ
[71] PALACKY UNIVERSITY OLOMOUC, CZ
[85] 2021-03-24
[86] 2019-10-08 (PCT/EP2019/077222)
[87] (WO2020/074514)
[30] EP (18199181.1) 2018-10-08

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[13] A1
[51] **Int.Cl. C07C 219/06 (2006.01) A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61K 31/7105 (2006.01) A61K 31/713 (2006.01) A61K 48/00 (2006.01) C07C 219/16 (2006.01) C07C 229/12 (2006.01) C07C 271/12 (2006.01) C07C 275/14 (2006.01) C07C 311/05 (2006.01)**
[25] EN
[54] **IONIZABLE AMINE LIPIDS**
[54] **LIPIDES AMINES IONISABLES**
[72] PARMAR, RUBINA GIARE, US
[72] SCULLY, STEPHEN S., US
[72] MAETANI, MICAH, US
[72] LAPLACA, DEREK, US
[71] INTELLIA THERAPEUTICS, INC., US
[85] 2021-03-23
[86] 2019-10-02 (PCT/US2019/054240)
[87] (WO2020/072605)
[30] US (62/740,274) 2018-10-02

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[13] A1
[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/06 (2013.01)**
[25] FR
[54] **STENT-TYPE AORTIC IMPLANT AND ASSEMBLY FORMED BY TWO SUCH IMPLANTS**
[54] **IMPLANT AORTIQUE DE TYPE STENT, ET ENSEMBLE FORME DE DEUX TELS IMPLANTS**
[72] CANAUD, LUDOVIC, FR
[72] GANDET, THOMAS, FR
[71] CANAUD, LUDOVIC, FR
[71] GANDET, THOMAS, FR
[85] 2021-03-24
[86] 2019-10-09 (PCT/EP2019/077390)
[87] (WO2020/074598)
[30] FR (1871165) 2018-10-12

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[13] A1
[51] **Int.Cl. A01N 37/06 (2006.01) A01N 37/02 (2006.01) A01N 61/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC PESTICIDAL COMPOSITIONS FOR DELIVERY OF PESTICIDAL ACTIVE INGREDIENTS AND METHODS THEREFOR**
[54] **COMPOSITIONS PESTICIDES SYNERGIQUES POUR L'APPORT D'INGREDIENTS ACTIFS PESTICIDES ET PROCEDES ASSOCIES**
[72] MANHAS, KARAN, CA
[72] ROZEK, ANNETT, CA
[72] HE, YUEHUA, CA
[72] LAMBRINOUDIS, COSTANTINOS, CA
[72] BUI, LE LINH, CA
[72] SHOKATIAN, SADEGH, CA
[71] 0903608 B.C. LTD., CA
[85] 2021-03-24
[86] 2019-09-27 (PCT/CA2019/051386)
[87] (WO2020/061708)
[30] US (62/737,907) 2018-09-27
[30] US (62/737,914) 2018-09-27
[30] US (62/829,512) 2019-04-04
[30] US (62/829,525) 2019-04-04

[21] **3,114,036**
[13] A1
[51] **Int.Cl. A61N 1/375 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR IMPLANTABLE NEUROMODULATION STIMULATION**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR STIMULATION DE NEUROMODULATION IMPLANTABLE**
[72] MOLNAR, GREGORY F., US
[72] PEYMAN, NAZMI, US
[72] WRIGHT, KARI W., US
[72] ZENANKO, JUSTIN D., US
[72] LINDBORG, BETH A., US
[72] HILL, KATHLEEN W., US
[72] GRUBE, KYLE R., US
[72] PARK, MICHAEL C., US
[72] HUNT, MATTHEW A., US
[71] SYNERFUSE, INC., US
[85] 2021-03-23
[86] 2019-10-29 (PCT/US2019/058428)
[87] (WO2020/092284)
[30] US (62/752,223) 2018-10-29
[30] US (62/793,319) 2019-01-16
[30] US (16/665,525) 2019-10-28

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[13] A1
[51] **Int.Cl. B29C 48/13 (2019.01) B29C 48/25 (2019.01) B29C 48/30 (2019.01) B29C 49/00 (2006.01)**
[25] EN
[54] **VARIABLE MOULDING JAW**
[54] **PINCE POUR MOULAGE AJUSTABLE**
[72] HENNINGER, GERHARD, DE
[72] ANKENBRAND, STEFAN, DE
[72] SCHUBERT, ANDY, DE
[72] BAUMEISTER, FLORIAN, DE
[72] SPERANDIO, FRANK, DE
[72] HOLZER, WILLI, DE
[72] SPIELBERG, DANIEL EWALD, DE
[71] FRANKISCHE INDUSTRIAL PIPES GMBH & CO. KG, DE
[85] 2021-03-24
[86] 2019-10-16 (PCT/EP2019/078039)
[87] (WO2020/079046)
[30] DE (10 2018 217 798.8) 2018-10-17

[21] **3,114,038**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 47/50 (2017.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **DLL3 BINDING PROTEINS AND METHODS OF USE**
[54] **PROTEINES DE LIAISON A DLL3 ET METHODES D'UTILISATION**
[72] WESCHE, HOLGER, US
[72] AUSTIN, RICHARD J., US
[71] HARPOON THERAPEUTICS, INC., US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/053017)
[87] (WO2020/069028)
[30] US (62/736,358) 2018-09-25
[30] US (62/736,368) 2018-09-25
[30] US (62/877,227) 2019-07-22

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[13] A1
[51] **Int.Cl. A61K 31/167 (2006.01) A61K 31/395 (2006.01) A61K 31/40 (2006.01)**
[25] EN
[54] **MORPHIC FORMS OF COMPLEMENT FACTOR D INHIBITORS**
[54] **FORMES MORPHIQUES D'INHIBITEURS DU FACTEUR D DU COMPLEMENT**
[72] PHADKE, AVINASH, US
[72] HASHIMOTO, AKIHIRO, US
[72] ANDRES, MARK, US
[71] ACHILLION PHARMACEUTICALS, INC., US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/053012)
[87] (WO2020/069024)
[30] US (62/736,294) 2018-09-25
[30] US (62/757,565) 2018-11-08
[30] US (62/760,520) 2018-11-13
[30] US (62/796,776) 2019-01-25

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[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] EN
[54] **AUGMENTED REALITY SYSTEM AND METHOD FOR SUBSTRATES, COATED ARTICLES, INSULATING GLASS UNITS, AND/OR THE LIKE**
[54] **SYSTEME DE REALITE AUGMENTEE ET PROCEDE POUR SUBSTRATS**
[72] VEERASAMY, VICTOR, US
[72] SOBOLEV, ALEXANDER, US
[71] GUARDIAN GLASS, LLC, US
[85] 2021-03-23
[86] 2019-09-26 (PCT/IB2019/058191)
[87] (WO2020/065586)
[30] US (62/736,538) 2018-09-26

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[13] A1
[51] **Int.Cl. C07C 5/327 (2006.01) C07C 4/04 (2006.01) C07C 7/00 (2006.01) C07C 7/04 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OBTAINING ETHYLENE**
[54] **PROCEDE ET INSTALLATION POUR L'OBTENTION D'ETHYLENE**
[72] HOFEL, TORBEN, DE
[71] LINDE GMBH, DE
[85] 2021-03-24
[86] 2019-10-17 (PCT/EP2019/078303)
[87] (WO2020/079199)
[30] EP (18201329.2) 2018-10-18

[21] **3,114,042**
[13] A1
[51] **Int.Cl. A63H 33/00 (2006.01) A63H 33/22 (2006.01)**
[25] FR
[54] **ACCESSORY OF LIGHT-SABRE TYPE**
[54] **ACCESSOIRE DE TYPE SABRE LASER**
[72] FAIVRE, LAURENT, FR
[72] MARCHETTI, JASMINE, FR
[71] GROUPE LDLC, FR
[85] 2021-03-24
[86] 2019-09-26 (PCT/FR2019/052289)
[87] (WO2020/070415)
[30] FR (18 59193) 2018-10-03

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[13] A1
[51] **Int.Cl. B64D 39/00 (2006.01) B64D 39/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IN-FLIGHT FUELLING OF AIRCRAFT**
[54] **PROCEDES ET SYSTEMES DE RAVITAILLEMENT EN VOL D'AERONEF**
[72] PITMAN, JAMES, GB
[71] BRULIC LTD, GB
[85] 2021-03-24
[86] 2019-06-06 (PCT/GB2019/051575)
[87] (WO2020/065247)
[30] GB (1815772.7) 2018-09-27

[21] **3,114,045**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **APPROACHES FOR ADVANCED COMMUNICATIONS CAPABILITIES IN MOBILE SATELLITE COMMUNICATIONS SYSTEMS**
[54] **APPROCHES POUR CAPACITES DE COMMUNICATION AVANCEES DANS DES SYSTEMES DE COMMUNICATIONS MOBILES PAR SATELLITE**
[72] RAVISHANKAR, CHANNASANDRA, US
[72] JONG, JAMES, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/053027)
[87] (WO2020/069038)
[30] US (62/736,075) 2018-09-25

[21] **3,114,046**
[13] A1
[51] **Int.Cl. A01N 37/06 (2006.01) A01N 43/22 (2006.01) A01N 61/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC PESTICIDAL COMPOSITIONS AND METHODS FOR DELIVERY OF INSECTICIDAL ACTIVE INGREDIENTS**
[54] **COMPOSITIONS PESTICIDES AGISSANT EN SYNERGIE ET PROCEDES D'ADMINISTRATION D'INGREDIENTS ACTIFS INSECTICIDES**
[72] MANHAS, KARAN, CA
[72] ROZEK, ANNETT, CA
[72] VAN FLEET, ERIC, CA
[71] 0903608 B.C. LTD., CA
[85] 2021-03-24
[86] 2019-09-27 (PCT/CA2019/051388)
[87] (WO2020/061709)
[30] US (62/737,907) 2018-09-27
[30] US (62/737,914) 2018-09-27
[30] US (62/829,010) 2019-04-03
[30] US (62/829,512) 2019-04-04
[30] US (62/829,525) 2019-04-04

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[51] **Int.Cl. F16K 31/44 (2006.01) F16K 7/00 (2006.01) F16K 7/04 (2006.01) F16K 7/06 (2006.01) F16K 7/07 (2006.01)**
[25] EN
[54] **PRESSURE ASSISTED ROTARY PINCH VALVE**
[54] **ROBINET A MANCHON ROTATIF ASSISTE PAR PRESSION**
[72] CHAPMAN, JOHN ERIC, US
[71] CHAPMAN, JOHN ERIC, US
[85] 2021-03-23
[86] 2019-09-25 (PCT/US2019/053035)
[87] (WO2020/069046)
[30] US (16/143,575) 2018-09-27

[21] **3,114,048**
[13] A1
[51] **Int.Cl. A24F 1/16 (2006.01)**
[25] EN
[54] **RECREATIONAL INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION RECREATIF**
[72] FOLMANN, SIMON VILLUM, GB
[72] HANSEN, MATIAS TAUL, DK
[71] HOJ LIFE LIMITED, GB
[85] 2021-03-24
[86] 2019-06-27 (PCT/GB2019/051816)
[87] (WO2020/065248)
[30] GB (1815879.0) 2018-09-28

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[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/496 (2006.01) A61F 13/511 (2006.01) A61F 13/514 (2006.01) A61F 13/84 (2006.01) D02G 3/44 (2006.01) D04B 1/00 (2006.01)**
[25] EN
[54] **A GARMENT**
[54] **VETEMENT**
[72] BEACH, LESLEY, GB
[72] CHEESEMAN, BRIGIT, GB
[72] SPOFFORTH, BERNADETTE, GB
[71] SPLASH ABOUT INTERNATIONAL LIMITED, GB
[85] 2021-03-24
[86] 2019-09-24 (PCT/GB2019/052692)
[87] (WO2020/065299)
[30] GB (1815537.4) 2018-09-24

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[13] A1
[51] **Int.Cl. C07H 19/056 (2006.01) A61K 31/7056 (2006.01) A61K 31/706 (2006.01)**
[25] EN
[54] **PRODRUG OF GALACTOSIDE INHIBITORS OF GALECTINS**
[54] **PROMEDICAMENT DE GALACTOSIDE INHIBITEUR DE GALECTINES**
[72] ZETTERBERG, FREDRIK, SE
[72] NILSSON, ULF, SE
[71] GALECTO BIOTECH AB, DK
[85] 2021-03-24
[86] 2019-10-09 (PCT/EP2019/077401)
[87] (WO2020/078807)
[30] EP (18200402.8) 2018-10-15

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[13] A1
[51] **Int.Cl. A61K 47/60 (2017.01) A61K 47/61 (2017.01) A61K 47/69 (2017.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TREATMENT OF INFECTIONS**
[54] **TRAITEMENT D'INFECTIONS**
[72] SPROGOE, KENNETT, DK
[72] STARK, SEBASTIAN, DE
[72] VOIGT, TOBIAS, DE
[72] HOLTEN-ANDERSEN, LARS, DK
[72] BISEK, NICOLA, DE
[71] ASCENDIS PHARMA A/S, DK
[85] 2021-03-24
[86] 2019-09-25 (PCT/EP2019/075877)
[87] (WO2020/064844)
[30] EP (18196857.9) 2018-09-26
[30] EP (18196858.7) 2018-09-26
[30] EP (18196860.3) 2018-09-26

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[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01) G06T 19/20 (2011.01) G06F 3/048 (2013.01) G06K 19/07 (2006.01)**
[25] EN
[54] **DEVICES, COMPUTER-READABLE MEDIA, AND SYSTEMS FOR AUGMENTED REALITY OF AVAILABLE RESOURCES**
[54] **DISPOSITIFS, SUPPORTS LISIBLES PAR ORDINATEUR ET SYSTEMES DE REALITE AUGMENTEE DE RESSOURCES DISPONIBLES**
[72] GULERSEN, KOBI, CA
[72] LANG, BRIAN MILLAR ADAIR, CA
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2021-03-23
[86] 2019-09-27 (PCT/US2019/053392)
[87] (WO2020/069276)
[30] US (62/738,692) 2018-09-28

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[13] A1
[51] **Int.Cl. A61C 13/01 (2006.01) G06T 7/33 (2017.01) A61C 13/08 (2006.01) G06K 9/20 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR INCORPORATING PHOTOGRAPHIC FACIAL IMAGES AND/OR FILMS OF A PERSON INTO THE PLANNING OF ODONTOLOGICAL AND/OR COSMETIC DENTAL TREATMENTS AND/OR THE PREPARATION OF RESTORATIONS FOR SAID PERSON**
[54] **PROCEDE D'INCORPORATION D'IMAGES ET/OU DE FILMS PHOTOGRAPHIQUES FACIAUX D'UNE PERSONNE DANS LA PLANIFICATION DE TRAITEMENTS DENTAIRES ODONTOLOGIQUES ET/OU COSMETIQUES ET/OU LA PRE PARATION DE RESTAURATIONS POUR LADITE PERSONNE**
[72] KUCHARCZYK, RONNY, DE
[72] HAUTH, STEFFEN, DE
[72] KOZA, ANDRE, DE
[71] DENTSPLY SIRONA INC., US
[85] 2021-03-23
[86] 2019-09-27 (PCT/US2019/053471)
[87] (WO2020/072308)
[30] EP (18198342.0) 2018-10-02

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/568 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **LIQUID POLYMER DELIVERY SYSTEM FOR EXTENDED ADMINISTRATION OF DRUGS**
[54] **SYSTEME DE DISTRIBUTION DE POLYMERE LIQUIDE POUR L'ADMINISTRATION PROLONGEE DE MEDICAMENTS**
[72] VAN HOVE, AMY HALLER, US
[72] GLOVER, GARRETT SHANE, US
[72] MIDDLETON, JOHN CHARLES, US
[72] NANGIA, AVINASH, US
[71] TOLMAR INTERNATIONAL, LTD., IE
[85] 2021-03-24
[86] 2019-09-24 (PCT/IB2019/001056)
[87] (WO2020/065401)
[30] US (62/736,182) 2018-09-25

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[13] A1
[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/28 (2006.01) C02F 3/34 (2006.01) C12M 1/107 (2006.01)**
[25] EN
[54] **BIOREACTOR INSERT AND BIOFILM SUPPORT, RELATED APPARATUS AND RELATED METHODS**
[54] **INSERTION DANS UN BIOREACTEUR ET SUPPORT DE BIOFILM, APPAREIL ASSOCIE ET PROCEDES ASSOCIES**
[72] SKERLOS, STEVEN, US
[72] RASKIN, LUTGARDE, US
[72] FAIRLEY, TIMOTHY, US
[72] JALGAONKAR, NISHANT, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2021-03-23
[86] 2019-09-30 (PCT/US2019/053801)
[87] (WO2020/072356)
[30] US (62/739,447) 2018-10-01

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[13] A1
[51] **Int.Cl. B25B 11/00 (2006.01) B23Q 3/08 (2006.01) B25B 5/06 (2006.01) B25B 5/14 (2006.01) H01L 21/683 (2006.01)**
[25] EN
[54] **ELASTOMERIC ARTICLE MANUFACTURING SYSTEM AND PROCESS**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'ARTICLE ELASTOMERE**
[72] KUA, HUI GUAN, AU
[72] KOED, HEAN HUAT, MY
[72] LIM, SWEE HUA, MY
[71] ALLEGIANCE CORPORATION, US
[85] 2021-03-23
[86] 2019-09-30 (PCT/US2019/053812)
[87] (WO2020/069503)

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[13] A1
[51] **Int.Cl. C07C 403/24 (2006.01)**
[25] EN
[54] **PURIFIED XANTHOPHYLL COMPOSITION COMPRISING (TRANS,R,R)- LUTEIN AND(TRANS,R,R)- ZEAXANTHIN AND PROCESS FOR THE PREPARATION THEREOF**
[54] **COMPOSITION DE XANTHOPHYLLE PURIFIEE COMPRENANT (TRANS,R,R)-LUTEINE ET (TRANS,R,R)-ZEAXANTHINE ET SON PROCEDE DE PREPARATION**
[72] KUMAR T.K., SUNIL, IN
[72] SAWANT, LAXMAN, IN
[72] JANGIR, MOHAN LAL, IN
[71] OMNIACTIVE HEALTH TECHNOLOGIES LIMITED, IN
[85] 2021-03-24
[86] 2019-09-21 (PCT/IB2019/058007)
[87] (WO2020/065484)
[30] IN (201821036199) 2018-09-26

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[13] A1
[51] **Int.Cl. A61B 90/57 (2016.01) A61B 90/11 (2016.01) A61F 2/24 (2006.01)**
[25] EN
[54] **STABILIZER FOR A DELIVERY SYSTEM**
[54] **STABILISATEUR POUR UN SYSTEME D'ADMINISTRATION**
[72] JAMAL, DEENA WALID, US
[72] LUONG, HIEU MINH, US
[72] JOHNSON, GARRETT DALLAS, US
[72] GUTIERREZ, TARANNUM ISHAQ, US
[72] BECERRA, MATTHEW MICHAEL, US
[72] NESBITT, KAREN FROMELL, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2021-03-23
[86] 2019-09-30 (PCT/US2019/053883)
[87] (WO2020/072384)
[30] US (62/741,416) 2018-10-04
[30] US (16/582,307) 2019-09-25

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[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01) G09B 23/28 (2006.01)**
[25] EN
[54] **LOCKING MEMBER FOR AN INJECTION DEVICE AND AN INJECTION DEVICE TRAINER**
[54] **ELEMENT DE VERROUILLAGE POUR UN DISPOSITIF D'INJECTION ET APPAREIL D'ENTRAINEMENT DE DISPOSITIF D'INJECTION**
[72] MACH, HUNG, US
[71] JANSSEN PHARMACEUTICALS, INC., US
[85] 2021-03-24
[86] 2019-09-27 (PCT/IB2019/058249)
[87] (WO2020/070606)
[30] GB (1816035.8) 2018-10-01

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[13] A1
[51] **Int.Cl. A61B 5/24 (2021.01) A61B 5/00 (2006.01) A61B 18/14 (2006.01) A61N 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAPPING FUNCTIONAL NERVES INNERVATING WALL OF ARTERIES, 3-D MAPPING AND CATHETERS FOR SAME**
[54] **SYSTEME ET PROCEDE DE CARTOGRAPHIE DES NERFS FONCTIONNELS INNERVANT LA PAROI D'ARTERES, CARTOGRAPHIE EN 3D ET CATHETERS CORRESPONDANTS**
[72] WANG, JIE, US
[71] SYMAP MEDICAL (SUZHOU), LIMITED, CN
[85] 2021-03-24
[86] 2019-10-05 (PCT/IB2019/058502)
[87] (WO2020/070727)
[30] US (62/742,276) 2018-10-06

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[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **ADAPTIVE SMART SHELF FOR AUTONOMOUS RETAIL STORES**
[54] **ETAGERE INTELLIGENTE ADAPTATIVE POUR MAGASINS DE DETAIL AUTONOMES**
[72] SERES, DINU, RO
[72] MILOSEVIC, ALEKSA, RS
[72] JANKOVIC, NEMANJA, RS
[72] PARVU, OVIDIU, RO
[71] EVERSEEN LIMITED, IE
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[54] **TURBOMACHINE COMPORTANT DES MOYENS DE SUSPENSION**
[72] GARNAUD, QUENTIN MATTHIAS EMMANUEL, FR
[72] GLEMAREC, GUILLAUME, FR
[72] MOUTON, HERVE JEAN ALBERT, FR
[72] SEIZE, GUILHEM, FR
[72] LECLERC, BENOIT BERNARD RENE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **METHOD AND APPARATUS FOR AUGMENTED VIRTUAL MODELS AND ORIENTEERING**
[54] **PROCEDE ET APPAREIL DE MODELES VIRTUELS AUGMENTES ET D'ORIENTATION**
[72] SANTARONE, MICHAEL, US
[72] WODRICH, MICHAEL, US
[72] DUFF, JASON, US
[71] MIDDLE CHART, LLC, US
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[54] **SIMULATION EFFICACE DE TROTTER D'HAMILTONIENS MOLECULAIRES TOLERANT LES DEFAILLANCES**
[72] GIDNEY, CRAIG, US
[72] BABBUSH, RYAN, US
[72] KIVLICHAN, IAN DAVID, US
[71] GOOGLE LLC, US
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[54] **VISCOUS SPEED RETARDING DEVICE FOR ROTARY NOZZLES WITH INTERNAL PISTON FOR THERMAL EXPANSION**
[54] **DISPOSITIF DE RALENTISSEMENT VISQUEUX DE VITESSE POUR BUSES ROTATIVES A PISTON INTERNE POUR EXPANSION THERMIQUE**
[72] SCHNEIDER, JOSEPH A., US
[71] STONEAGE, INC., US
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[54] **MODELE D'APPRENTISSAGE AUTOMATIQUE HYBRIDE POUR CLASSIFICATION DE CODE**
[72] WANG, CHUN, US
[72] WASSICK, JOHN MARTIN, US
[72] ROTHHAAR, VICKI, US
[72] DEB, KALYANMOY, US
[72] DHEBAR, YASHESH DEEPAKKUMER, US
[72] GOODMAN, ERIK DAVID, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **CEILING BOARD AND TILE WITH REDUCED DISCOLORATION**
[54] **PANNEAU DE PLAFOND ET TUILE A DECOLORATION REDUITE**
[72] MUELLER, GERT, US
[72] ZHANG, XIUJUAN, US
[72] BRODERICK, ANDREW, US
[72] BIRDSALL, LOREN, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **COMPOSITIONS AND METHODS FOR THE IN SITU DELIVERY OF THERAPEUTIC AND DIAGNOSTIC AGENTS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT L'ADMINISTRATION IN SITU D'AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES**
[72] MOSER, FELIX, US
[72] ADAMALA, KATARZYNA, US
[72] BENJAMIN, DAVID, US
[72] BOYDEN, EDWARD STUART, US
[72] WERTHEIMER, JEREMY, US
[72] MUNNELLY, KEVIN, US
[72] EDELMAN, ELAZER, US
[71] SYNLIFE, INC., US
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[54] **SYSTEMS AND METHODS FOR EMBEDDABLE POINT-OF-SALE TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES POUR TRANSACTIONS DE POINT DE VENTE INTEGRABLES**
[72] TRIMBLE, JACOB, US
[72] MOORE, TINA, US
[72] MOORE, BRYAN, US
[71] TALKSHOPLIVE INC., US
[85] 2021-03-24
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[54] **POLYTHERAPIE COMPRENANT DU SIROLIMUS ET DU NINTEDANIB POUR LE TRAITEMENT DE LESIONS VASCULAIRES ET DE LA TELANGIECTASIE HEMORRAGIQUE HEREDITAIRE**
[72] MARAMBAUD, PHILIPPE, US
[71] THE FEINSTEIN INSTITUTES FOR MEDICAL RESEARCH, US
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[54] **WOOD PRESERVATIVES**
[54] **AGENTS DE CONSERVATION DU BOIS**
[72] ARUMUGAM, SELVANATHAN, US
[72] LAGANELLA, DAVID, US
[72] STEPHENS, RANDALL WAYNE, US
[71] ROHM AND HAAS COMPANY, US
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[54] **AGENTS DE CONSERVATION DU BOIS**
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[71] ROHM AND HAAS COMPANY, US
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[72] HE, YUWEN, US
[72] LUO, JIANCONG, US
[72] XIU, XIAOYU, US
[72] YE, YAN, US
[71] VID SCALE, INC., US
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[54] **LUTTE CONTRE LES INSECTES COLEOPTERES**
[72] SRIDHARAN, KRISHNAKUMAR, US
[72] BARROS RODRIGUES, THAIS, US
[72] DESAI, SURESH, US
[71] GREENLIGHT BIOSCIENCES, INC., US
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[54] **TECHNIQUES FOR GENERATING MEDIA CONTENT**
[54] **TECHNIQUES DE GENERATION DE CONTENU MULTIMEDIA**
[72] KAROUI, SAMI, US
[72] SCHAER, OLIVIER, US
[71] OPENTV, INC., US
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[54] **APPAREIL ET PROCEDE DE PRODUCTION ET D'ENCAPSULATION DE PETITES PARTICULES ET DE FILS FINS**
[72] ZHAO, JINGZHOU, US
[72] MARTEL, MAX AARON, US
[72] GULAK, YURI ANDREW, US
[71] WESTERN NEW ENGLAND UNIVERSITY, US
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[54] **SYSTEMS AND METHODS FOR CONTROLLING AND MONITORING INFLATABLE PERFUSION ENHANCEMENT APPARATUS FOR MITIGATING CONTACT PRESSURE**
[54] **SYSTEMES ET PROCEDES DE COMMANDE ET DE SURVEILLANCE D'UN APPAREIL D'AMELIORATION DE PERFUSION GONFLABLE POUR ATTENUER UNE PRESSION DE CONTACT**
[72] SQUITIERI, RAFAEL PAOLO, US
[72] DEUTSCH, ROBERT CHARLES, US
[72] FRAZIER, STEVEN BRUCE, US
[71] TURNCARE, INC., US
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[54] **METHODS AND COMPOSITIONS FOR TREATING A PREMATURE STOP CODON-MEDIATED DISORDER**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'UN TROUBLE A MEDIATION PAR UN CODON D'ARRET PREMATURE**
[72] COLLER, JEFFERY M., US
[72] SWEET, THOMAS, US
[72] LODISH, HARVEY, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
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[54] **METHODS AND COMPOSITIONS FOR INCREASING PROTEIN EXPRESSION AND/OR TREATING A HAPLOINSUFFICIENCY DISORDER**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'AUGMENTER L'EXPRESSION DE PROTEINES ET/OU DE TRAITER UN TROUBLE D'HAPLO-INSUFFISANCE**
[72] COLLER, JEFFERY M., US
[72] SWEET, THOMAS, US
[72] LODISH, HARVEY, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
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[54] **METHODS OF TREATMENT OF INFECTIONS USING BACTERIA**
[54] **PROCEDES DE TRAITEMENT D'INFECTIONS A L'AIDE DE BACTERIES**
[72] NEWMAN, MICHAEL J., US
[71] DECOY BIOSYSTEMS, INC., US
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[54] **STATUS SENSING SYSTEMS WITHIN AN INJECTION DEVICE ASSEMBLY**
[54] **SYSTEMES DE DETECTION D'ETATS DANS UN ENSEMBLE DE DISPOSITIF D'INJECTION**
[72] ADAMS, JOHN WILLIAM, US
[72] CONNAUGHTON, EOIN PATRICK, US
[72] DIELS, TOON, US
[72] KATUIN, JOSEPH EDWARD, US
[72] PSZENNY, SEAN MATTHEW, US
[72] SAVAGE, MIRIAM ELIZABETH, US
[72] SWEENEY, FIACHRA, US
[72] VAES, STEFAN MATHIEU ALFONS, US
[72] WIESLER, ADAM NATHANIEL, US
[71] ELI LILLY AND COMPANY, US
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[54] **PROJECTOR LIGHT SOURCE DIMMING USING METADATA FROM FUTURE FRAMES**
[54] **GRADATION DE LA SOURCE DE LUMIERE D'UN PROJECTEUR A L'AIDE DE METADONNEES TIREES DE TRAMES FUTURES**
[72] RICHARDS, MARTIN J., US
[72] LIPPEY, BARRET, US
[72] PERTIERRA, JUAN P., US
[72] KHAYDAROV, DZHAKHANGIR V., US
[72] DEWALD, DUANE SCOTT, US
[72] WAINWRIGHT, NATHAN SHAWN, US
[72] HENNIGAN, DARREN, US
[72] JACKSON, JOHN DAVID, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS RELATED TO OTIC THERAPEUTIC AGENTS**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES AGENTS THERAPEUTIQUES OTIQUES ET PROCEDES ASSOCIES**
[72] MCLEAN, WILL, US
[72] MANCHANDA, RAJESH, US
[72] KHEDKAR, SNEHAL, US
[72] STRONG, JR., RICHARD A., US
[72] BANKS, ASHLEY, US
[72] TAIT, BRADLEY, US
[72] LOOSE, CHRISTOPHER, US
[71] FREQUENCY THERAPEUTICS, INC., US
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[54] **SYSTEMES ET PROCEDES DE VEHICULE DE MANEGE HYBRIDES**
[72] BLOOMFIELD, ANDREW EVAN, US
[72] PRIMM, KEVIN BLAINE, US
[72] BRISTER, MICHAEL KEITH, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **SYSTEMES ET PROCEDES DE TRANSPORT DE VEHICULE AUTONOME**
[72] MCVEEN, KEITH MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2021-03-24
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[54] **SYSTEMES D'EMBALLAGE AUTO-CHAUFFANTS AMELIORES**
[72] WEST, JEFFERSON BLAKE, US
[72] SECKER, ROBERT EUGENE, US
[72] KWIATKOWSKI, KRZYSZTOF C., US
[71] HEATGENIE, INC., US
[85] 2021-03-24
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[54] **CELL CULTURE BIOREACTOR**
[54] **BIOREACTEUR DE CULTURE CELLULAIRE**
[72] KILPATRICK, SHANE ALEXANDER JAQUES, CA
[72] PUNDSACK, SCOTT RAYMOND, CA
[72] AHMED, MOIN, CA
[72] LOGAN, MEGAN, CA
[71] MEMBIO INC., CA
[85] 2021-03-24
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[54] **COLONNE DE CHROMATOGRAPHIE AVEC ENSEMBLE VANNE DOUBLE FONCTION**
[72] ABU-ROMEH, AHMAD, CA
[72] EBIED, AMER, CA
[71] POLYANALYTIK INC., CA
[85] 2021-03-24
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[25] EN
[54] **VARIABLE-VISCOSITY CARRIER VAPORIZERS WITH ENHANCED THERMAL AND HYDRODYNAMIC PROPERTIES**
[54] **VAPORISEURS A VECTEUR A VISCOSITE VARIABLE AVEC PROPRIETES THERMIQUES ET HYDRODYNAMIQUES AMELIOREES**
[72] BARBARIC, MLADEN, CA
[72] KIM, KISAE, CA
[72] KIM, SUNGMOON, CA
[72] KIM, BONG GEUN, CA
[71] AIRGRAFT INC., CA
[85] 2021-03-24
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[51] **Int.Cl. H04M 1/02 (2006.01)**
[25] EN
[54] **MEMORY CARD, MEMORY CARD ADAPTER, AND TERMINAL DEVICE**
[54] **CARTE MEMOIRE, ADAPTATEUR DE CARTE MEMOIRE ET TERMINAL**
[72] YANG, JIANGTAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-03-24
[86] 2018-10-16 (PCT/CN2018/110547)
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **CONTROL CHANNEL STRUCTURE DESIGN TO SUPPORT V2X TRAFFIC**
[54] **CONCEPTION DE STRUCTURE DE CANAL DE COMMANDE POUR PRENDRE EN CHARGE UN TRAFIC V2X**
[72] LI, DONG, CN
[72] LIU, YONG, CN
[72] WILDSCHEK, TORSTEN, GB
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2021-03-24
[86] 2018-09-28 (PCT/CN2018/108481)
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[51] **Int.Cl. D21C 9/16 (2006.01)**
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[54] **A COMPOSITION FOR USE AS PEROXIDE STABILIZER**
[54] **COMPOSITION DESTINEE A ETRE UTILISEE EN TANT QUE STABILISATEUR DE PEROXYDE**
[72] LI, ZHIJIAO, CN
[72] LIU, RUI, CN
[71] KEMIRA OYJ, FI
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[51] **Int.Cl. A47G 21/18 (2006.01)**
[25] EN
[54] **DRINKING STRAW**
[54] **PAILLE**
[72] KOSKINEN, MATTI, FI
[71] STRAW2NATURE OY, FI
[85] 2021-03-24
[86] 2019-09-27 (PCT/FI2019/050696)
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[54] **RESOURCE CONFIGURATION METHOD AND APPARATUS, COMPUTER DEVICE AND STORAGE MEDIUM**
[54] **PROCEDE ET APPAREIL DE CONFIGURATION DE RESSOURCES, DISPOSITIF INFORMATIQUE ET SUPPORT DE STOCKAGE**
[72] LIN, YANAN, CN
[72] XU, JING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2021-03-24
[86] 2019-05-09 (PCT/CN2019/086297)
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[51] **Int.Cl. A61K 8/06 (2006.01) A61K 8/39 (2006.01) A61K 8/73 (2006.01) A61K 8/92 (2006.01) A61Q 5/00 (2006.01) A61Q 9/02 (2006.01) C11D 1/722 (2006.01)**
[25] EN
[54] **MICROEMULSIONS AND METHODS OF USE**
[54] **MICROEMULSIONS ET PROCEDES D'UTILISATION**
[72] SPEAKER, TYCHO J., US
[72] POPESCU, LAVINIA CODRUTA, US
[71] MOROCCANOIL ISRAEL, LTD., IL
[85] 2021-03-24
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[25] EN
[54] **POWER COUPLER, ULTRASONIC OSCILLATOR DEVICE, ULTRASONIC OSCILLATOR, MOUNTING ASSEMBLY, COVER BODY ASSEMBLY, COOKING UTENSIL AND HEATING APPARATUS**
[54] **COUPLEUR D'ALIMENTATION, DISPOSITIF D'OSCILLATEUR A ULTRASONS, OSCILLATEUR A ULTRASONS, ENSEMBLE DE MONTAGE, ENSEMBLE DE CORPS DE COUVERCLE, USTENSILE DE CUISSON ET APPAREIL DE CH AUFFAGE**
[72] MEI, RUOYU, CN
[72] HO, POFENG, CN
[72] CHEN, WEIJIE, CN
[72] SUN, YI, CN
[72] AN, NANNAN, CN
[72] ZENG, LUTIAN, CN
[72] LEI, JUN, CN
[71] FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD., CN
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[25] EN
[54] **RESET CONNECTOR FOR AN INJECTION DEVICE AND AN INJECTION DEVICE TRAINER**
[54] **CONNECTEUR DE REINITIALISATION DE DISPOSITIF D'INJECTION ET DISPOSITIF DE FORMATION A L'UTILISATION DU DISPOSITIF D'INJECTION**
[72] MACH, HUNG, US
[71] JANSSEN PHARMACEUTICALS, INC., US
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[25] EN
[54] **DEVICE FOR DERMATOLOGICAL TREATMENT**
[54] **DISPOSITIF POUR TRAITEMENT DERMATOLOGIQUE**
[72] FRANCESCHINA, CESARE PLINIO, IT
[72] TAGLIAFERRI, MARCO, IT
[72] CANNONE, FABIO, IT
[71] QUANTA SYSTEM S.P.A., IT
[85] 2021-03-24
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[54] **REPORTING BEAM FAILURE**
[54] **RAPPORT DE DEFAILLANCE DE FAISCEAU**
[72] KOSKELA, TIMO, FI
[72] TURTINEN, SAMULI, FI
[72] WU, CHUNLI, CN
[72] ENESCU, MIHAI, FI
[72] HAKOLA, SAMI, FI
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[54] **PROCESS FOR PREPARING A RESIN**
[54] **PROCEDE DE PREPARATION D'UNE RESINE**
[72] NASLI BAKIR, BEN, SE
[72] HAGG, KATARINA, SE
[71] STORA ENSO OYJ, FI
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[54] **METHOD FOR PREPARING ISOXAZOLINE-CONTAINING URACIL COMPOUND BY METHYLATION**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE URACILE CONTENANT DE L'ISOXAZOLINE PAR METHYLATION**
[72] WU, ENMING, CN
[72] YE, YANMING, CN
[72] YU, CHUNRUI, CN
[72] YU, FUQIANG, CN
[72] XUE, YOUREN, CN
[72] YANG, JICHUN, CN
[72] WU, QIAO, CN
[72] BAI, LIPING, CN
[72] GUAN, AIYING, CN
[71] SHENYANG SINOCHEM AGROCHEMICALS R&D CO., LTD., CN
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[25] EN
[54] **BENZHYDRYLATED AROMATIC SURFACTANTS**
[54] **TENSIOACTIFS AROMATIQUES BENZHYDRYLES**
[72] STERN, ALAN J., US
[72] MEREDITH, MATTHEW T., US
[71] INDORAMA VENTURES OXIDES LLC, US
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[86] 2019-11-08 (PCT/US2019/060525)
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[54] **CONSTRUCTION OF A TINY HOUSE ON WHEELS**
[54] **CONSTRUCTION D'UNE PETITE MAISON SUR ROUES**
[72] SCHULTZ, FRED, AU
[71] FRED'S TINY HOUSES PTY LTD, AU
[85] 2021-03-24
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[51] **Int.Cl. B65B 7/16 (2006.01) B29C 65/14 (2006.01) B29C 65/78 (2006.01)**
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[54] **FILM SECURING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE FIXATION DE FILM**
[72] CITTADINO, ANTONIO MICHAEL, US
[72] PETERS, MARK EDWIN, US
[72] WILSON, LENOX GREGORY, US
[72] ROZEK, ROY J., US
[72] LIPS, ERIK, US
[71] GPCP IP HOLDINGS LLC, US
[85] 2021-03-23
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[25] EN
[54] **FOLDING DEVICE TO MAKE TWO PARALLEL FOLDS IN A LEAF OF PAPER OR THE LIKE**
[54] **DISPOSITIF DE PLIAGE PERMETTANT DE REALISER DEUX PLIS PARALLELES SUR UNE FEUILLE DE PAPIER OU SIMILAIRE**
[72] PELEMAN, GUIDO FRANS MARIA JOZEF, BE
[72] HENNISSEN, MAARTEN, BE
[71] PELEMAN INDUSTRIES, NAAMLOZE VENNOOTSCHAP, BE
[85] 2021-03-24
[86] 2019-11-08 (PCT/IB2019/059601)
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[25] EN
[54] **LIGAND-DRUG CONJUGATE OF EXATECAN ANALOGUE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **CONJUGUE LIGAND-MEDICAMENT D'UN ANALOGUE DE L'EXATECAN, SON PROCEDE DE PREPARATION ET APPLICATION ASSOCIEE**
[72] XU, JIANYAN, CN
[72] ZHANG, YING, CN
[72] CAI, XIAOFENG, CN
[72] QU, BOLEI, CN
[72] LIANG, JINDONG, CN
[72] ZHANG, LIANSHAN, CN
[72] HE, FENG, CN
[72] TAO, WEIKANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[54] **FLUID END**
[54] **EXTREMITE DE FLUIDE**
[72] NOWELL, MARK S., US
[72] FOSTER, KELCY JAKE, US
[72] BARNETT, CHRISTOPHER TODD, US
[72] AYRES, BRANDON SCOTT, US
[72] MAY, MICHAEL EUGENE, US
[72] LAPOINTE, GUY J., US
[72] THOMAS, MICHEAL COLE, US
[71] KERR MACHINE CO., US
[71] NOWELL, MARK S., US
[71] FOSTER, KELCY JAKE, US
[71] BARNETT, CHRISTOPHER TODD, US
[71] AYRES, BRANDON SCOTT, US
[71] MAY, MICHAEL EUGENE, US
[71] LAPOINTE, GUY J., US
[71] THOMAS, MICHEAL COLE, US
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[54] **SYSTEM AND METHOD FOR PROCESS SHAPING**
[54] **SYSTEME ET PROCEDE DE MISE EN FORME DE PROCESSUS**
[72] O'HERLIHY, ALAN, IE
[72] CIUBOTARU, BOGDAN, IE
[72] PARVU, OVIDIU, RO
[72] PESCARU, DAN, RO
[72] GUI, VASILE, RO
[71] EVERSEEN LIMITED, IE
[85] 2021-03-24
[86] 2019-11-20 (PCT/IB2019/059993)
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[54] **ALKENYL-FUNCTIONAL POLYDIORGANOSILOXANE COMPOSITIONS AND METHODS FOR USE THEREOF IN FORMING WOOD PLASTIC COMPOSITES**
[54] **COMPOSITIONS DE POLYDIORGANOSILOXANE A FONCTION ALCENYLE ET LEURS PROCEDES D'UTILISATION DANS LA FORMATION DE COMPOSITES BOIS-PLASTIQUE**
[72] CHORVATH, IGOR, US
[72] COURTEMANCHE, MARC-ANDRE, US
[72] KEENIHAN, JAMES, US
[72] BRUCE, KEITH, US
[72] GAAL, SEAN, US
[72] MECCA, JODI, US
[71] DOW SILICONES CORPORATION, US
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[86] 2020-06-10 (PCT/US2020/036890)
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[54] **A METHOD AND SYSTEM TO IDENTIFY MODE OF TRANSPORTATION OF CELLULAR USERS BASED ON CELLULAR NETWORK DATA**
[54] **PROCEDE ET SYSTEME POUR IDENTIFIER UN MODE DE TRANSPORT D'UTILISATEURS CELLULAIRES SUR LA BASE DE DONNEES DE RESEAU CELLULAIRE**
[72] KAPLAN, JOSEPH, IL
[72] AVNI, OFER, IL
[71] CELLINT TRAFFIC SOLUTIONS LTD., IL
[85] 2021-03-24
[86] 2019-09-24 (PCT/IL2019/051054)
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[51] **Int.Cl. G03G 15/08 (2006.01) G03G 21/18 (2006.01)**
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[54] **DEVELOPING CARTRIDGE**
[54] **CARTOUCHE DE DEVELOPPEMENT**
[72] OOKA, KAZUAKI, JP
[72] HASHIMOTO, JUNICHI, JP
[72] IRIYAMA, SHOTA, JP
[72] NAKAJIMA, KEIGO, JP
[72] YADA, KENGO, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2021-03-24
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[87] (WO2020/066195)
[30] JP (2018-183247) 2018-09-28

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[51] **Int.Cl. G03G 15/08 (2006.01) G03G 21/16 (2006.01) G03G 21/18 (2006.01)**
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[54] **DEVELOPING CARTRIDGE**
[54] **CARTOUCHE DE DEVELOPPEMENT**
[72] WANG, YUWEN, JP
[72] HASHIMOTO, JUNICHI, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2021-03-24
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[25] EN
[54] **FGFR4 INHIBITOR AND USE THEREOF**
[54] **INHIBITEUR DE FGFR4 ET SON UTILISATION**
[72] GAO, JINHENG, CN
[72] SUN, ZHONGXIN, CN
[72] ZHANG, YUN, CN
[72] XU, XIAOFENG, CN
[72] LIU, XIANGYONG, CN
[72] WANG, JIABING, CN
[72] DING, LIEMING, CN
[71] BETTA PHARMACEUTICALS CO., LTD, CN
[85] 2021-03-24
[86] 2019-09-26 (PCT/CN2019/108298)
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[25] EN
[54] **RESPIRATORY INFORMATION ACQUISITION DEVICE**
[54] **DISPOSITIF D'ACQUISITION D'INFORMATIONS DE RESPIRATION**
[72] SUGANO, MASATO, JP
[72] YOSHIZAWA, AKIRA, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2021-03-24
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[51] **Int.Cl. A61K 39/39 (2006.01) A61K 47/61 (2017.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 4/00 (2006.01) C07K 14/00 (2006.01)**
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[54] **IMMUNITY-INDUCING AGENT COMPRISING ANTIGEN PEPTIDE-ADJUVANT NUCLEOTIDE CONJUGATE AND PHARMACEUTICAL COMPOSITION COMPRISING SAME**
[54] **INDUCTEUR IMMUN COMPRENANT UN CONJUGUE PEPTIDE ANTIGENIQUE-NUCLEOTIDE D'ADJUVANT ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT**
[72] MOCHIZUKI, SHINICHI, JP
[72] KOIZUMI, MAKOTO, JP
[72] MORITA, KOJI, JP
[71] THE UNIVERSITY OF KITAKYUSHU, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2021-03-24
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[25] EN
[54] **UE MIGRATION METHOD, APPARATUS, SYSTEM, AND STORAGE MEDIUM**
[54] **PROCEDE DE MIGRATION D'UE, APPAREIL, SYSTEME ET SUPPORT D'INFORMATIONS**
[72] LIANG, SHUANG, CN
[72] LI, ZHIJUN, CN
[72] ZHU, JINGUO, CN
[71] ZTE CORPORATION, CN
[85] 2021-03-24
[86] 2019-09-27 (PCT/CN2019/108574)
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[54] **PAINTBRUSH HOLDER**
[54] **PORTE-PINCEAU**
[72] VERHEIJEN, HUBERTUS GERARDUS JACOBUS, NL
[71] VERHEIJEN, HUBERTUS GERARDUS JACOBUS, NL
[85] 2021-03-24
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[25] EN
[54] **ANTIGEN-BINDING MOLECULES CAPABLE OF BINDING CD3 AND CD137 BUT NOT SIMULTANEOUSLY**
[54] **MOLECULES DE LIAISON A L'ANTIGENE CAPABLES DE SE LIER A CD3 ET CD137 MAIS PAS SIMULTANEMENT**
[72] HO, SHU WEN SAMANTHA, SG
[72] FENG, SHU, SG
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2021-03-24
[86] 2019-09-27 (PCT/JP2019/038138)
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[30] JP (2018-185120) 2018-09-28
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[51] **Int.Cl. B63C 11/24 (2006.01)**
[25] EN
[54] **INDIVIDUAL CLOSED-CIRCUIT REBREATHER FOR UNDERWATER DIVING**
[54] **APPAREIL RESPIRATOIRE ISOLANT INDIVIDUEL A CIRCUIT FERME DESTINE A L'IMMERSION SOUS L'EAU**
[72] LUGOVKIN, VADIM VLADIMIROVICH, RU
[72] GODIONENKO, MAXIM VITALIEVICH, RU
[71] "AQUABREATHER" LLC, RU
[85] 2021-03-24
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[51] **Int.Cl. E05B 3/08 (2006.01)**
[25] EN
[54] **MOUNTING ARRANGEMENT FOR FASTENING A SHAFT IN A LOCKING DEVICE, AND LOCKING DEVICE COMPRISING SUCH A MOUNTING ARRANGEMENT**
[54] **AGENCEMENT DE MONTAGE POUR FIXER UN ARBRE DANS UN DISPOSITIF DE VERROUILLAGE, ET DISPOSITIF DE VERROUILLAGE COMPRENANT UN TEL AGENCEMENT DE MONTAGE**
[72] STENDAL, FREDRIK, SE
[72] JENSEN, LARS, SE
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[54] **REGULATEUR DE DERIVES HETEROAROMATIQUES CONTENANT DE L'AZOTE, PROCEDE DE PREPARATION ASSOCIE ET UTILISATION CORRESPONDANTE**
[72] LIU, SHIQIANG, CN
[72] YUAN, YIDA, CN
[72] BAO, MENG, CN
[72] HUANG, SHENGAI, CN
[72] BAO, RUDI, CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
[71] SHANGHAI HANSOH BIOMEDICAL CO., LTD., CN
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[54] **CATALYSEUR POUR HYDROGENATION ASYMETRIQUE D'UN COMPOSE CONTENANT UNE DOUBLE LIAISON CARBONE**
[72] YOO, SANG KU, KR
[72] KANG, KU SUK, KR
[72] KIM, JIN YOUNG, KR
[72] LEE, JUNG WOO, KR
[72] KIM, JI YOUNG, KR
[72] IM, JEONG HO, KR
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[72] CREMONA, DOMINIC, US
[72] ROTA, DARLENE D., US
[72] PERRY, ADLAI J., US
[72] RAWLINS, KEITH, US
[72] HORVATH, STEPHAN A., US
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[54] **DISPOSITIF DE LIMITATION ET SON PROCEDE D'UTILISATION**
[72] LI, XIAOCHUN, CN
[72] XU, CHAOWEI, CN
[72] LI, CHANGQING, CN
[72] LENG, DERONG, CN
[72] LIU, CHUNJUN, CN
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[72] ZUNIGA, EDISON S., US
[72] KUKSA, VLADIMIR A., US
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[72] SAVEEDRA, EDUARDO MORENO, US
[72] MEISSNER, JOHANNES WILHELM GEORG, US
[72] HARTOG, JACOBUS ANTONIUS JOSEPH DEN, US
[72] DROS, ALBERT CORNELIS, US
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[54] **COURROIE A EFFICACITE ELEVEE ET SON PROCEDE DE FABRICATION**
[72] GERRING, DOUGLAS, US
[72] SPRING, KYLE, US
[72] MOSS, TOM, US
[71] GATES CORPORATION, US
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[54] **PROCEDES ET COMPOSITIONS POUR LA BIOPROTECTION DE POMMES DE TERRE CONTRE STREPTOMYCES SCABIES**
[72] MABOOD, FAZLI, US
[72] WALTZ, AARON L., US
[72] BYWATER-EKEGARD, MARGARET ANN, US
[72] SMITH, DONALD LAWRENCE, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[54] **CATIONS UTILISES COMME CATALYSEUR DANS LA PRODUCTION D'ACIDES ALCANE-SULFONIQUES**
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[72] BIERTUEMPEL, INGO, DE
[71] BASF SE, DE
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[54] **METHODS AND COMPOSITIONS FOR BIOPROTECTION OF TOMATOES FROM CLAVIBACTER MICHIGANENSIS SUBSP. MICHIGANENSIS**
[54] **PROCEDES ET COMPOSITIONS POUR LA BIOPROTECTION DES TOMATES CONTRE CLAVIBACTER MICHIGANENSIS SUBSP. MICHIGANENSIS**
[72] MABOOD, FAZLI, US
[72] BYWATER-EKEGARD, MARGARET ANN, US
[72] LLANO, DAVID HERNANDO SANCHEZ, US
[72] SMITH, DONALD LAWRENCE, US
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[54] **COMBINAISON PHARMACEUTIQUE POUR LE TRAITEMENT DU CANCER**
[72] DEMORE, NANCY, US
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US
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[54] **MACHINE A BOISSONS AVEC DISTRIBUTION D'ACTIONNEMENT**
[72] BENES, HARALD, AT
[72] HACK, GOTTFRIED, AT
[72] OLBERT, FELIX, AT
[71] SOCIETE DES PRODUITS NESTLE SA, CH
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[54] **COMPOSITIONS UTILES POUR LE TRAITEMENT DE LA GANGLIOSIDOSE A GM1**
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[72] HINDERER, CHRISTIAN, US
[72] KATZ, NATHAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[72] HAYEK, SALIM, US
[72] QUYYUMI, ARSHED A., US
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[71] METSO OUTOTEC USA INC., US
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[72] HAEUW, JEAN-FRANCOIS, FR
[72] CONTET, ALICIA, FR
[72] BERTAUX, CELINE, FR
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[71] PIERRE FABRE MEDICAMENT, FR
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[72] MANGOLD, KURT ANDREW, US
[71] DELUXE CORPORATION, US
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[54] **FILMS FLUOROPOLYMERES DENSES STRUCTURES ET LEURS PROCEDES DE FABRICATION**
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[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET PROCEDES POUR CELLES-CI**
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[72] WANG, WEI, US
[72] PIMENTA, PALOMA, US
[72] SANTARPIA, RALPH PETER III, US
[72] PILCH, SHIRA, US
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[72] FOWLER, AUSTIN GREIG, US
[71] GOOGLE LLC, US
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[72] SANDERS, PAUL J., US
[72] PARMAR, KRISHNAKUMARSINH HITENDRASINH, US
[72] SCHAFER, JEROME, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
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[54] **SYSTEME, APPAREIL ET DISPOSITIF VAV HYBRIDE A MULTIPLES BOBINES DE CHAUFFAGE**
[72] VOYSEY, KEITH STANLEY, US
[71] ALBIREO ENERGY, LLC, US
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[54] **PROCEDE ET APPAREIL D'ORIENTATION**
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[72] DUFF, JASON, US
[72] WODRICH, MICHAEL, US
[71] MIDDLE CHART, LLC, US
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[54] **SYSTEME DE CONTROLE DE SPECTROMETRE A DISTANCE**
[72] GAUVAIN, PIERRE, FR
[72] BOULANGER, ANTHONY, FR
[71] GREENTROPISM, FR
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[54] **PROCEDE ET DISPOSITIF DE MESURE EN TEMPS REEL ET IN SITU DES DONNEES THERMODYNAMIQUES D'UNE BATTERIE (ENTHALPIE ET ENTROPIE)**
[72] EL OUTMANI, SOHAIB, FR
[72] SENAME, OLIVIER, FR
[72] GRANJON, PIERRE, FR
[72] YAZAMI, RACHID, SG
[71] INSTITUT POLYTECHNIQUE DE GRENOBLE, FR
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[54] **DISPOSITIF ET PROCEDE DE RASSEMBLEMENT ET DE DECHARGEMENT D'ARTICLES**
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[54] **MANETTE DE JEU COMPORTANT AU MOINS UN ELEMENT DE REGLAGE AMOVIBLE PERMETTANT LE REGLAGE DE L'ANGLE D'ARRET D'UN ORGANE DE COMMANDE PIVOTANT DE LA MANETTE**
[72] FALC, ALAIN, FR
[72] VANDEKERCKHOVE, ANTOINE, FR
[72] DELRUE, VALENTIN, FR
[72] ALLAERT, YANNICK, FR
[71] NACON, FR
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[54] **METHODES ET SYSTEMES POUR DISPOSITIFS MEDICAUX IMPLANTABLES ET MEMBRANES DE VASCULARISATION**
[72] NEUENFELDT, STEVEN KENT, US
[72] JOHNSON, ROBERT C., US
[71] PROCYON TECHNOLOGIES LLC, US
[71] UNIVERSITY OF ARIZONA, US
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[54] **COMPOSE D'AMINOPYRIMIDINE**
[72] MATSUNAGA, NOBUYUKI, JP
[72] MIYAMOTO, YASUFUMI, JP
[72] SHIRAI, JUNYA, JP
[72] NAKAHATA, TAKASHI, JP
[72] SHIOKAWA, ZENYU, JP
[72] OKAWA, TOMOHIRO, US
[72] SHIBUYA, AKITO, JP
[72] MACCOSS, MALCOLM, US
[71] CARDURION PHARMACEUTICALS, LLC, US
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[54] **ADENO-ASSOCIATED VIRUS COMPOSITIONS FOR TARGETED GENE THERAPY**
[54] **COMPOSITIONS DE VIRUS ADENO-ASSOCIE POUR UNE THERAPIE GENIQUE CIBLEE**
[72] GRADINARU, VIVIANA, US
[72] FLYTZANIS, NICHOLAS C., US
[72] GOEDEN, NICHOLAS S., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **METHODS FOR MAKING A PLASTICIZED POLYMER, METHODS FOR MAKING A COMPOSITION USING THE PLASTICIZED POLYMER, AND COMPOSITIONS COMPRISING THE PLASTICIZED POLYMER**
[54] **PROCEDES DE PREPARATION D'UN POLYMERE PLASTIFIE, PROCEDES DE PREPARATION D'UNE COMPOSITION FAISANT APPEL AU POLYMERE PLASTIFIE ET COMPOSITIONS COMPRENANT LE POLYMERE PLASTIFIE**
[72] GRAY, STEVEN D., US
[72] SECRIST, KIMBERLY E., US
[72] HU, MIAO, US
[71] BOSTIK, INC., US
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[54] **APPARATUS AND METHOD FOR CONTROLLING A TRAILER PARKING BRAKE STATUS INDICATOR IN A TRACTOR**
[54] **APPAREIL ET PROCEDE DE COMMANDE D'UN INDICATEUR D'ETAT DE FREIN DE STATIONNEMENT DE REMORQUE DANS UN TRACTEUR**
[72] KENNEDY, ANDREW L., US
[72] HUTCHINS, CHRISTOPHER H., US
[72] ZULA, DANIEL P., US
[72] BARADE, GIRISH, US
[72] WEED, THOMAS J., US
[72] BURNS, LINDA J., US
[72] CARTER, REBECCA J., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **REFINER PLATE HAVING INTER-BAR WEAR PROTRUSIONS**
[54] **PLAQUE DE RAFFINEUR AYANT DES SAILLIES D'USURE ENTRE LES BARRES**
[72] GINGRAS, LUC, GB
[72] MICHEL, TOBIAS, DE
[71] ANDRITZ INC., US
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRESBYOPIA**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA PRESBYTIE**
[72] HORN, GERALD, US
[71] PRESBYOPIA THERAPLIES, INC, US
[85] 2021-03-24
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[54] **COMPOSITIONS AND METHODS FOR TRANSFECTING CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR TRANSFECTER DES CELLULES**
[72] CUTLAR, LARA, IE
[72] WANG, WENXIN, IE
[71] AMRYT GENETICS LTD., IE
[85] 2021-03-24
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[54] **MANCHON A INSERT INTEGRE**
[72] ECKENSWEILER, MITCHELL L., US
[71] NIKE INNOVATE C.V., US
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[54] **INHIBITORS OF VAP-1**
[54] **INHIBITEURS DE VAP-1**
[72] ORME, MARK W., US
[72] ZUNIGA, EDISON S., US
[72] KUKSA, VLADIMIR A., US
[72] CRAFT, RUSSELL STUART, US
[72] SAVEEDRA, EDUARDO MORENO, US
[72] MEISSNER, JOHANNES WILHELM GEORG, US
[72] DEN HARTOG, JACOBUS ANTONIUS JOSEPH, US
[72] DROS, ALBERT CORNELIS, US
[71] ACUCELA INC., US
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[54] **ANCHOR WITH HEALING CHAMBERS**
[54] **ANCRAGE A CHAMBRES DE CICATRISATION**
[72] HUWAIS, SALAH, US
[71] HUWAIS IP HOLDING LLC, US
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[54] **PERCUSSION FUSE**
[54] **FUSEE PERCUTANTE**
[72] LABENDA, THOMAS, DE
[72] DEUTSCHKAMER, KLAUS, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
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[54] **EXTERNALLY GAPPED LINE ARRESTER**
[54] **DISPOSITIF D'ARRET DE LIGNE A ENTREFER EXTERNE**
[72] RUOKOLAINEN, HANNU, SE
[71] ABB POWER GRIDS SWITZERLAND AG, CH
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[54] **PLUG FOR A SAFETY SWITCHING PROFILE AND A SWITCHING STRIP**
[54] **FICHE POUR UN PROFIL DE COMMUTATION DE SECURITE ET UNE LANGUETTE DE COMMUTATION**
[72] TRAUSCHEIN, LIEBMER, CH
[72] FETZ, ADRIAN, CH
[72] HOSP, DIETMAR, DE
[72] HA, THOMAS, CH
[71] BBC BIRCHER AG, CH
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[54] **SUPPORTING DEVICE FOR SUPPORTING A BODY PART OF A USER**
[54] **DISPOSITIF DE SUPPORT POUR LE SUPPORT D'UNE PARTIE CORPORELLE D'UN UTILISATEUR**
[72] FRANZ, MANUEL, DE
[72] WINKLER, TOBIAS, DE
[72] WALTER, CHRISTIAN DANIEL, DE
[71] FORTHI GMBH, DE
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[54] **AGENTS DE CONSERVATION DU BOIS**
[72] ARUMUGAM, SELVANATHAN, US
[72] LAGANELLA, DAVID, US
[72] STEPHENS, RANDALL WAYNE, US
[71] ROHM AND HAAS COMPANY, US
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[54] **WOOD PRESERVATIVES**
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[72] LAGANELLA, DAVID, US
[72] STEPHENS, RANDALL WAYNE, US
[71] ROHM AND HAAS COMPANY, US
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[54] **PANE UNIT THAT CAN BE ILLUMINATED**
[54] **ENSEMBLE VITRE A ECLAIRAGE**
[72] HARING, HEINZ, AT
[72] WIESMULLER, ANDREAS, AT
[71] GLASS TECHNOLOGY GMBH, AT
[85] 2021-03-24
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[54] **FAST DRYING WATERBORNE COATINGS**
[54] **REVETEMENTS A L'EAU A SECHAGE RAPIDE**
[72] HSU, SHUI-JEN R., US
[72] CREMONA, DOMINIC, US
[72] ROTA, DARLENE D., US
[72] PERRY, ADLAI J., US
[72] RAWLINS, KEITH, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[54] **IN-VIVO ROBOTIC IMAGING, SENSING AND DEPLOYMENT DEVICES AND METHODS FOR MEDICAL SCAFFOLDS**
[54] **DISPOSITIFS D'IMAGERIE, DE DETECTION ET DE DEPLOIEMENT ROBOTIQUE IN VIVO ET PROCEDES POUR ECHAFAUDAGES MEDICAUX**
[72] VELIS, CHRISTOPHER J., US
[72] PALMER, MATTHEW P., US
[72] SHAFI, ADEEL SALEEM, US
[72] IYER, SANTOSH, US
[71] MIRAKI INNOVATION THINK TANK, LLC, US
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[54] **PROCESS FOR CONTROLLING A FERMENTATION PROCESS**
[54] **PROCEDE DE REGULATION D'UN PROCEDE DE FERMENTATION**
[72] KJARULFF, SOREN, DK
[71] FERMENTATIONEXPERTS A/S, DK
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[54] **BUSE A MICROGOUTTELETTES**
[72] ALDEN, JEREMY BOYD, GB
[71] BILLERICAY FARM SERVICES LIMITED, GB
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[51] **Int.Cl. G16H 20/40 (2018.01)**
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[54] **TREE-BASED DATA EXPLORATION AND DATA-DRIVEN PROTOCOL**
[54] **EXPLORATION DE DONNEES ARBORESCENTES ET PROTOCOLE PILOTE PAR DES DONNEES**
[72] LIU, CHEN, US
[72] KATERJI, AHMAD EL, US
[71] ABIOMED, INC., US
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[30] US (62/741,985) 2018-10-05

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[54] **METHOD AND SYSTEM FOR ENERGY MANAGEMENT**
[54] **PROCEDE ET SYSTEME DE GESTION D'ENERGIE**
[72] HATAMOSA, GRANT IAN L., AU
[72] MURACA, JAMES, AU
[72] JONES, DAVID, AU
[72] HEMMI, DAVID, AU
[71] ZEN ECOSYSTEMS IP PTY LTD, AU
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[54] **MATRICE MUSCULAIRE DECELLULARISEE**
[72] XU, HUI, US
[72] HUANG, LI TING, US
[72] STEC, ERIC, US
[71] LIFECELL CORPORATION, US
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[54] **DYNAMIC MOTION CONTROL SYSTEM USING MAGNETORHEOLOGICAL FLUID CLUTCH APPARATUSES**
[54] **SYSTEME DE COMMANDE DE MOUVEMENT DYNAMIQUE UTILISANT DES APPAREILS D'EMBRAYAGE A FLUIDE MAGNETORHEOLOGIQUE**
[72] PLANTE, JEAN-SEBASTIEN, CA
[72] DENNINGER, MARC, CA
[72] JULIO, GUIFRE, CA
[72] CHOUINARD, PATRICK, CA
[72] LAROSE, PASCAL, CA
[72] FRASER, CAROLINE, CA
[71] EXONETIK INC., CA
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[54] **SUBCUTANEOUS BIODEGRADABLE RESERVOIR DEVICE**
[54] **DISPOSITIF DE RESERVOIR BIODEGRADABLE SOUS-CUTANE**
[72] JOHNSON, LEAH MARIE, US
[72] VAN DER STRATEN, ARIANE, US
[72] ROTHROCK, GINGER DENISON, US
[72] LI, LINYING ALICE, US
[72] LUECKE, ELLEN, US
[72] GIROUARD, NATALIE, US
[72] DEMKOVICH, ZACH RICHARD, US
[72] KROVI, SAI ARCHANA, US
[71] RESEARCH TRIANGLE INSTITUTE, US
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[25] EN
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[54] **DERIVES D'IMIDAZOPYRIDINE UTILISES EN TANT QU'INHIBITEURS DE L'INTEGRINE ALPHA4BETA7**
[72] BLOMGREN, PETER A., US
[72] CAMPBELL, TARYN, US
[72] CHANDRASEKHAR, JAYARAMAN, US
[72] CLARK, CHRISTOPHER T., US
[72] CODELLI, JULIAN A., US
[72] CURRIE, KEVIN S., US
[72] KROPF, JEFFREY E., US
[72] MOAZAMI, YASAMIN, US
[72] NAVA, NICOLE, US
[72] PATEL, LEENA, US
[72] PERREAULT, STEPHANE, US
[72] PERRY, JASON K., US
[72] SEDILLO, KASSANDRA F., US
[72] SEEGER, NATALIE, US
[72] STEVENS, KIRK L., US
[72] TREIBERG, JENNIFER ANNE, US
[72] YEUNG, SUET C., US
[72] ZHAO, ZHONGDONG, US
[71] GILEAD SCIENCES, INC., US
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[54] **DETECTION DE BLOCAGE DANS UN ELEMENT POREUX**
[72] KELLEHER, SHANE, US
[72] STOKOE, ALEXANDER, GB
[72] BULLIVANT, HARRY, GB
[71] MSA TECHNOLOGY, LLC, US
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[72] DAVIS, PACE, US
[71] TRUCKIT, LLC, US
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[54] **PREPARATION OF SEMICARBAZIDE-SENSITIVE AMINE OXIDASE INHIBITOR AND USE THEREOF**
[54] **PREPARATION D'UN INHIBITEUR D'AMINE OXYDASE SENSIBLE A UNE AMINE UREE ET SON UTILISATION**
[72] LIU, SHENGYANG, CN
[72] DENG, JIANWEN, CN
[72] FENG, ZHIYONG, CN
[72] JIANG, LEI, CN
[72] QIAO, ZHI, CN
[72] SHANG, KE, CN
[72] XIE, XIAOPING, CN
[72] XU, XUELI, CN
[72] XU, YUAN, CN
[72] ZHAO, HAIXIA, CN
[71] SHANGHAI ENNOVABIO PHARMACEUTICALS CO., LTD., CN
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[54] **STATELESS DISCRETE PREDICTIVE CONTROLLER**
[54] **DISPOSITIF DE COMMANDE PREDICTIF INDIVIDUEL SANS ETAT**
[72] WILSON, JACOB MARK, CA
[72] DUBAY, RICKEY, CA
[71] UNIVERSITY OF NEW BRUNSWICK, CA
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[25] FR
[54] **MEDICAL ROBOT COMPRISING AUTOMATIC POSITIONING MEANS**
[54] **ROBOT MEDICAL COMPORTANT DES MOYENS DE POSITIONNEMENT AUTOMATIQUE**
[72] BLONDEL, LUCIEN, FR
[72] BANEGAS, FREDERIC, FR
[72] OLIVE, SEBASTIEN, FR
[72] BADANO, FERNAND, FR
[72] NAHUM, BERTIN, FR
[71] QUANTUM SURGICAL, FR
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[25] EN
[54] **SYSTEM AND METHOD FOR ROBOTIC AGENT MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION D'AGENT ROBOTIQUE**
[72] ARCAND, JEAN-FRANCOIS, CA
[72] COTE, MARIE-CLAUDE, CA
[72] NORDELL-MARKOVITS, ALEXEI, CA
[72] TODOSIC, ANDREJ, CA
[71] ELEMENT AI INC., CA
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[86] 2019-09-26 (PCT/CA2019/051375)
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[72] NORDELL-MARKOVITS, ALEXEI, CA
[72] TODOSIC, ANDREJ, CA
[71] ELEMENT AI INC., CA
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[25] FR
[54] **ESTIMATION OF A PHYSICAL QUANTITY BY A DISTRIBUTED MEASUREMENT SYSTEM**
[54] **ESTIMATION D'UNE GRANDEUR PHYSIQUE PAR UN SYSTEME DE MESURE DISTRIBUE**
[72] AUTORD, MARC, FR
[72] BINEAU, MATHIEU, FR
[72] HEINTZ, BRUNO, FR
[72] OURY, JEAN-MARC, FR
[71] VOLTALIS, FR
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[25] EN
[54] **CANNABINOID-CONTAINING CONCENTRATE FOR MAKING A PRODUCT FOR HUMAN CONSUMPTION HAVING AN IMPROVED TASTE PROFILE AND METHODS OF MANUFACTURING SAME**
[54] **CONCENTRE CONTENANT UN CANNABINOIDE POUR LA FABRICATION D'UN PRODUIT DESTINE A LA CONSOMMATION HUMAINE ET PRESENTANT UN PROFIL DE GOUT AMELIORE, ET PROCEDES DE FABRICATION CORRESP ONDANTS**
[72] ALSAYAR, MAX, CA
[72] ELVIRA, GEORGE, CA
[71] HEXO OPERATIONS INC., CA
[85] 2021-03-25
[86] 2019-09-26 (PCT/CA2019/051379)
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[54] **MACHINE ASSISTED DATA AGGREGATION**
[54] **AGREGATION DE DONNEES ASSISTEE PAR MACHINE**
[72] COTE, MARIE-CLAUDE, CA
[72] NORDELL-MARKOVITS, ALEXEI, CA
[72] TODOSIC, ANDREJ, CA
[71] ELEMENT AI INC., CA
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[51] **Int.Cl. B60T 1/14 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RAPIDLY DECELERATING A VEHICLE**
[54] **SYSTEMES ET PROCEDES DE DECELERATION RAPIDE D'UN VEHICULE**
[72] RATNER, DANIEL JASON, US
[71] NURO, INC., US
[85] 2021-03-23
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[25] FR
[54] **AGRICULTURAL VEHICLE TYRE**
[54] **PNEUMATIQUE DE VEHICULE AGRICOLE**
[72] CABIOCH, JEAN-LUC, FR
[72] MONOD, ANTHONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[25] EN
[54] **FLOW GUIDE MESH, MEMBRANE ELEMENT, AND FILTER ASSEMBLY**
[54] **MAILLE DE GUIDAGE D'ECOULEMENT, ELEMENT DE MEMBRANE ET ENSEMBLE FILTRANT**
[72] CHEN, CHEN-FENG, CN
[71] KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[71] KENFLO INTERNATIONAL CO., LTD., TW
[71] CHING-HSIUNG, LIN, TW
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[25] EN
[54] **AUTOMATICALLY DETECTING AND ISOLATING OBJECTS IN IMAGES**
[54] **DETECTION ET ISOLEMENT AUTOMATIQUES D'OBJETS DANS DES IMAGES**
[72] ZHANG, YING, CA
[71] ELEMENT AI INC., CA
[85] 2021-03-25
[86] 2019-09-24 (PCT/CA2019/051364)
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[25] EN
[54] **BACTERIAL STRAIN HAVING ANTI-FUNGAL PROPERTIES AND USES THEREOF**
[54] **SOUCHE BACTERIENNE POSSEDANT DES PROPRIETES ANTIFONGIQUES ET UTILISATIONS CORRESPONDANTES**
[72] LOZECZNIK, CA
[71] KONTZAMANIS GRAUMANN SMITH MACMILLAN INC., CA
[85] 2021-03-25
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[25] EN
[54] **UNSINTERED EXPANDED POLYTETRAFLUOROETHYLENE COMPOSITE MEMBRANES HAVING DIMENSIONAL STABILITY**
[54] **MEMBRANES COMPOSITES DE POLYTETRAFLUOROETHYLENE EXPANSE NON FRITTE AYANT UNE STABILITE DIMENSIONNELLE**
[72] EBATA, YURI, US
[72] SAYLER, TODD S., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **METHOD FOR PROCESSING TERMINAL DEVICE CAPABILITY INFORMATION, TERMINAL DEVICE, AND NETWORK-SIDE DEVICE**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS DE CAPACITE DE DISPOSITIF TERMINAL, DISPOSITIF TERMINAL ET DISPOSITIF COTE RESEAU**
[72] WU, YUMIN, CN
[72] MA, YUE, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
[85] 2021-03-25
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[25] EN
[54] **AMINONORBORNANE DERIVATIVE AND MANUFACTURE METHOD THEREFOR AND USE THEREOF**
[54] **DERIVE D'AMINONORDECANE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] CHEN, RONGYAO, CN
[71] NANJING TRANSTHERA BIOSCIENCES CO., LTD., CN
[85] 2021-03-25
[86] 2019-07-05 (PCT/CN2019/094864)
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[25] EN
[54] **CRYSTAL FORM OF MORPHOLINO QUINAZOLINE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **FORME CRISTALLINE D'UN COMPOSE MORPHOLINO QUINAZOLINE, PROCEDE DE PREPARATION ASSOCIE ET UTILISATION CORRESPONDANTE**
[72] XU, ZUSHENG, CN
[72] LOU, YANGTONG, CN
[71] SHANGHAI YINGLI PHARMACEUTICAL CO., LTD, CN
[85] 2021-03-25
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[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC CHIP SYSTEM AND METHOD FOR PREPARING DROPLETS**
[54] **SYSTEME DE PUCE MICROFLUIDIQUE ET PROCEDE POUR LA PREPARATION DE GOUTTE**
[72] CHEN, IJANE, CN
[72] WU, TAO, CN
[72] JUNKIN, MICHAEL, US
[71] DGI TECH (QING DAO) CO., LIMITED, CN
[85] 2021-03-25
[86] 2019-09-27 (PCT/CN2019/108536)
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[25] EN
[54] **DEVICE AND METHOD FOR EDITING A PANORAMIC RADIOGRAPHY IMAGE**
[54] **DISPOSITIF ET PROCEDE DESTINES A EDITER UNE IMAGE RADIOGRAPHIE PANORAMIQUE**
[72] EICHNER, STEFAN, DE
[72] HULSBUSCH, MARKUS, DE
[71] DENTSPLY SIRONA INC., US
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[85] 2021-03-25
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[51] **Int.Cl. H04L 1/08 (2006.01)**
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[54] **SYSTEM AND METHOD FOR CONTROL AND DATA CHANNEL RELIABILITY ENHANCEMENT USING MULTIPLE DIVERSITY DOMAINS**
[54] **SYSTEME ET PROCEDE DE COMMANDE ET D'AMELIORATION DE FIABILITE DE CANAL DE DONNEES A L'AIDE DE MULTIPLES DOMAINES DE DIVERSITE**
[72] VILAIPORNSAWAI, USA, CA
[72] LYU, YONGXIA, CA
[72] BALIGH, MOHAMMADHADI, CA
[72] ZHANG, LIQING, CA
[72] XU, HUA, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SOLID COMPOSITION FOR AGRICULTURAL AND VETERINARY USE**
[54] **COMPOSITION SOLIDE A USAGE AGRICOLE ET VETERINAIRE**
[72] GONZALEZ FERNANDEZ, NEMECIO, CU
[72] MORAN VALDIVIA, ROLANDO, CU
[72] PEREZ HEREDIA, CARLOS, CU
[72] PANEQUE DIAZ, YUNIER, CU
[72] WONG PADILLA, IDANIA, CU
[72] SANCHEZ ORTIZ, ILEANA, CU
[72] MORA GONZALEZ, NESTOR, CU
[72] FRANCO RODRIGUEZ, RAMON, CU
[72] SOMONTES SANCHEZ, DANALAY, CU
[72] MENA CAMPOS, JESUS, CU
[72] GONZALEZ BLANCO, SONIA, CU
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
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[51] **Int.Cl. G16B 20/50 (2019.01) G16B 35/10 (2019.01)**
[25] EN
[54] **SELECTION OF CANCER MUTATIONS FOR GENERATION OF A PERSONALIZED CANCER VACCINE**
[54] **SELECTION DE MUTATIONS DE CANCER POUR LA GENERATION D'UN VACCIN PERSONNALISE CONTRE LE CANCER**
[72] NICOSIA, ALFREDO, IT
[72] SCARSELLI, ELISA, IT
[72] LAHM, ARMIN, IT
[72] LEONI, GUIDO, IT
[71] NOUSCOM AG, CH
[85] 2021-03-25
[86] 2019-11-15 (PCT/EP2019/081428)
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[25] EN
[54] **CABLE GLAND COMPRESSION LIMITER**
[54] **LIMITEUR DE COMPRESSION DE PRESSE-ETOUPE DE CABLE**
[72] PLATT, JOSEPH EDWARD, US
[72] PERNOT, MATTHEW THOMAS, US
[72] LEDGERWOOD, ADAM DOUGLAS, US
[72] KHOKLE, HIMANSHU GANGADHAR, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2021-03-25
[86] 2019-09-30 (PCT/EP2019/025325)
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[30] US (16/150,129) 2018-10-02

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[51] **Int.Cl. H04L 27/34 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **COMMUNICATION METHOD AND APPARATUS FOR ETHERNET DATA**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION POUR DONNEES ETHERNET**
[72] XU, XIAOYING, CN
[72] HUANG, QUFANG, CN
[72] ZENG, QINGHAI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-03-25
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[25] EN
[54] **AEROSOL-GENERATING ARTICLE WITH LAMINATED WRAPPER**
[54] **ARTICLE DE GENERATION D'AEROSOL AVEC ENVELOPPE STRATIFIEE**
[72] LAVANCHY, FREDERIC, CH
[72] JORDIL, YVES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2021-03-25
[86] 2019-12-04 (PCT/EP2019/083705)
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[51] **Int.Cl. C07D 401/04 (2006.01) C07D 403/04 (2006.01) C09B 67/00 (2006.01) D06P 5/06 (2006.01)**
[25] EN
[54] **NEW PYRIDINE AND PYRIMIDINE SUBSTITUTED TRIAZINE UV ABSORBERS**
[54] **NOUVEAUX ABSORBEURS UV A BASE DE TRIAZINE SUBSTITUES PAR PYRIDINE ET PYRIMIDINE**
[72] RYU, HOSUK, CH
[72] PETER, HANS-JORG, CH
[72] SPERISSEN, GILLES, FR
[72] WEBER, MARTIN, DE
[71] HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH, CH
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[25] EN
[54] **METHOD FOR DETECTING SILICA**
[54] **PROCEDE DE DETECTION DE SILICE**
[72] PUUPPONEN, SALLA, FI
[72] LAHTINEN, SAMPO, FI
[71] KEMIRA OYJ, FI
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[51] **Int.Cl. A61K 47/61 (2017.01) A61K 47/69 (2017.01)**
[25] EN
[54] **DEGRADABLE HYALURONIC ACID HYDROGELS**
[54] **HYDROGELS DEGRADABLES D'ACIDE HYALURONIQUE**
[72] STARK, SEBASTIAN, DE
[72] LAUFER, BURKHARDT, DE
[72] KNAPPE, THOMAS, DE
[72] VOIGT, TOBIAS, DE
[72] BISEK, NICOLA, DE
[71] ASCENDIS PHARMA A/S, DK
[85] 2021-03-25
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[51] **Int.Cl. G02B 6/13 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN OPTICAL COMPONENT BY MEANS OF LASER RADIATION**
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT OPTIQUE AU MOYEN D'UN RAYONNEMENT LASER**
[72] SIEMS, MALTE PER, DE
[72] NOLTE, STEFAN, DE
[72] RICHTER, DANIEL, DE
[72] KRAMER, RIA, DE
[72] GOEBEL, THORSTEN ALBERT, DE
[72] HECK, MAXIMILIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
[85] 2021-03-25
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[54] **APPARATUS AND METHOD FOR DETERMINING SPECTRAL INFORMATION**
[54] **APPAREIL ET PROCEDE POUR DETERMINER DES INFORMATIONS SPECTRALES**
[72] VEYS, CHARLES MARCEL HENRY, GB
[72] GRIEVE, BRUCE DONALDSON, GB
[71] THE UNIVERSITY OF MANCHESTER, GB
[85] 2021-03-25
[86] 2018-12-20 (PCT/GB2018/053711)
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[51] **Int.Cl. E21B 33/04 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **IMPROVED SEAL FOR A WELL**
[54] **JOINT D'ETANCHEITE AMELIORE POUR UN PUITS**
[72] HENDRIE, CRAIG FRANCIS BRYCE, GB
[72] VAN BILDERBEEK, BERNARD HERMAN, GB
[72] HARRALD, BRENT, GB
[71] PLEXUS HOLDINGS, PLC, GB
[85] 2021-03-25
[86] 2019-09-27 (PCT/GB2019/052731)
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[51] **Int.Cl. A63F 7/04 (2006.01)**
[25] EN
[54] **SPATIAL PUZZLE GAME**
[54] **JEU DE PUZZLE SPATIAL**
[72] BANDI, JOZSEF, HU
[71] BANDI, JOZSEF, HU
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[54] **FORME AMORPHE D'AGENTS DE CHELATION ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] SALDANHA, SUSANA, PT
[72] PARREIRA, ANTONIO, PT
[72] SEQUEIRA, SARA, PT
[72] ANTUNES, RAFAEL, PT
[71] HOVIONE SCIENTIA LIMITED, IE
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[54] **VARIABLE PHASE AND FREQUENCY PULSE-WIDTH MODULATION TECHNIQUE**
[54] **TECHNIQUE DE MODULATION DE LARGEUR D'IMPULSION A FREQUENCE ET PHASE VARIABLE**
[72] LONG, BENJAMIN JOHN OLIVER, GB
[72] JIBRY, RAFEL, GB
[71] ULTRAHAPTICS IP LTD, GB
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[54] **METHOD FOR PRODUCING AN ELASTOMERIC SKIN**
[54] **PROCEDE DE FABRICATION D'UN REVETEMENT ELASTOMERE**
[72] VANLUCHENE, YVAN, BE
[72] DEDONCKER, LINDA, BE
[71] RECTICEL AUTOMOBILSYSTEME GMBH, DE
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[54] **APPARATUS AND METHOD FOR WIDE-FIELD HYPERSPECTRAL IMAGING**
[54] **APPAREIL ET PROCEDE D'IMAGERIE HYPERSPECTRALE A CHAMP LARGE**
[72] YOON, JONGHEE, GB
[72] BOHNDIEK, SARAH, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **INTEGRAL SYSTEM FOR ADAPTING BOXES OR CONTAINERS AS ADHESIVE AND SLIDING DRAWERS**
[54] **SYSTEME INTEGRE POUR ADAPTER DES CAISSES OU CONTENANTS COMME DES CAISSONS OU TIROIRS AVEC DES ELEMENTS ADHESIFS ET COULISSANTS**
[72] RAMOS DE LA FUENTE, RUBEN, MX
[71] RAMOS DE LA FUENTE, RUBEN, MX
[71] MUROW FRANKLIN, ESTHER, MX
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[54] **STERILITY BREACH DETECTION SYSTEM AND CONTROLLER SYSTEM FOR A STERILIZATION CONTAINER**
[54] **SYSTEME DE DETECTION DE RUPTURE DE STERILITE ET SYSTEME DE COMMANDE POUR CONTENEUR DE STERILISATION**
[72] WANG, RUOYA, US
[72] COTE, ANNE E., US
[72] WU, KUN-CHI, US
[72] WHITE, TRACY J., US
[72] MEADOWS, VERNON, US
[72] MADSEN, EDWARD B., US
[71] O&M HALYARD, INC., US
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[54] **SYSTEM FOR TREATING EMBOLISM AND ASSOCIATED DEVICES AND METHODS**
[54] **SYSTEME DE TRAITEMENT D'UNE EMBOLIE ET DISPOSITIFS ET PROCEDES ASSOCIES**
[72] MERRITT, BEN, US
[72] MACIAS, JAQUELINE, US
[72] STRAUSS, BRIAN MICHAEL, US
[72] TU, THOMAS M., US
[71] INARI MEDICAL, INC., US
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[54] **RANDOM SELECTION DEVICE**
[54] **DISPOSITIF DE SELECTION ALEATOIRE**
[72] ALUISETTI, MARCO, CH
[72] CIORICA, MARIUS, CH
[71] ALUISETTI, MARCO, CH
[71] CIORICA, MARIUS, CH
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[54] **SYSTEMS AND METHODS FOR NETWORK STABILIZATION PREDICTION**
[54] **SYSTEMES ET PROCEDES DE PREDICTION DE STABILISATION DE RESEAU**
[72] ALTSHULER, YANIV, IL
[72] SOMIN, SHAHAR, IL
[72] GORDON, GOREN, IL
[71] NETZ FORECASTS LTD., IL
[85] 2021-03-25
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[54] **AEROSOL DELIVERY DEVICE WITH CONDUCTIVE INSERTS**
[54] **DISPOSITIF DE DISTRIBUTION D'AEROSOL DOTE D'INSERTS CONDUCTEURS**
[72] MONSALUD, LUIS, US
[72] SEBASTIAN, ANDRIES, US
[72] SEARS, STEPHEN B., US
[72] MUA, JOHN-PAUL, US
[72] HEJAZI, VAHID, US
[72] SUR, RAJESH, US
[71] RAI STRATEGIC HOLDINGS, INC., US
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[54] **A CHEWABLE TABLET AND METHOD OF PREPARING THE SAME**
[54] **COMPRIME A CROQUER ET PROCEDE POUR SA PREPARATION**
[72] RAZ, SHARON, IL
[71] AMBROSIA SUPHERB LTD., IL
[85] 2021-03-25
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[54] **PYRAZOLES FONGICIDES SUBSTITUES PAR NITROANILINO**
[72] LONG, JEFFREY KEITH, US
[72] MCMAHON, TRAVIS CHANDLER, US
[72] CHITTABOINA, SRINIVAS, IN
[71] FMC CORPORATION, US
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[54] **METHODS AND COMPOSITIONS FOR THE EXPANSION AND USE OF ALLOGENEIC GAMMA/DELTA-T CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR LA MULTIPLICATION ET L'UTILISATION DE LYMPHOCYTES T GAMMA/DELTA ALLOGENIQUES**
[72] LOPEZ, RICHARD D., US
[71] PHOSPHOGAM, INC., US
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[54] **A SYSTEM FOR HANDLING FLEXIBLE MATERIAL**
[54] **SYSTEME DE MANIPULATION DE MATERIAU SOUPLE**
[72] REECE, ALUN, GB
[71] LOOP TECHNOLOGY LTD, GB
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[54] **IL-36 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS IL-36 ET LEURS UTILISATIONS**
[72] SACHEN, KACEY LAYN, US
[72] MCKNIGHT, ANDREW JOHN, US
[72] NUGENT, RACHEL SOLOFF, US
[72] LAUDENSLAGER, JOHN LORCA, US
[72] DESTITO, GIUSEPPE, US
[72] ZAJONC, DIRK MICHAEL, US
[72] BITRA, ARUNA, US
[72] YAMADA, TAKENAO, JP
[71] KYOWA KIRIN CO., LTD., JP
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[54] **POLYMER COATED PAPER AND PAPERBOARD**
[54] **PAPIER ET CARTON REVETUS DE POLYMERE**
[72] RIBU, VILLE, FI
[72] NEVALAINEN, KIMMO, FI
[71] STORA ENSO OYJ, FI
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[54] **RECOMMENDATION METHOD AND SYSTEM AND METHOD AND SYSTEM FOR IMPROVING A MACHINE LEARNING SYSTEM**
[54] **PROCEDE ET SYSTEME DE RECOMMANDATION ET PROCEDE ET SYSTEME D'AMELIORATION D'UN SYSTEME D'APPRENTISSAGE AUTOMATIQUE**
[72] DUPLESSIS, FRANCIS, CA
[72] STEEVES, PATRICK, CA
[71] ELEMENT AI INC., CA
[85] 2021-03-25
[86] 2019-09-27 (PCT/IB2019/058238)
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[54] **INTRATUMORAL ALPHA-EMITTER RADIATION AND ACTIVATION OF CYTOPLASMATIC SENSORS FOR INTRACELLULAR PATHOGEN**
[54] **RAYONNEMENT ALPHA-EMETTEUR INTRATUMORAL ET ACTIVATION DE CAPTEURS CYTOPLASMIQUES POUR UN AGENT PATHOGENE INTRACELLULAIRE**
[72] DOMANKEVICH, VERED, IL
[72] KEISARI, YONA, IL
[72] KELSON, ITZHAK, IL
[71] ALPHA TAU MEDICAL LTD., IL
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[54] **METHODS AND COMPOSITIONS FOR SELECTION OF FUNCTIONAL APTAMERS**
[54] **PROCEDES ET COMPOSITIONS POUR LA SELECTION D'APTAMERES FONCTIONNELS**
[72] AMIR, YANIV, IL
[72] ABU-HOROWITZ, ALMOGIT, IL
[72] BACHELET, IDO, IL
[72] BASSALI, LIRON ANNA, IL
[72] DEBBY, ELINOR, IL
[72] EFRATI, LIRON LEVY, IL
[72] LAVI, EREZ, IL
[72] LEVY, OMER, IL
[72] KEDEM, NOAM MAMET, IL
[72] PAZ, ANASTASIA, IL
[72] REISS, NERIA, IL
[72] RUSINEK, ITAI, IL
[72] SCHARFF, YE'ELA, IL
[72] SKALKA, NIR, IL
[71] AUGMANITY NANO LTD, IL
[71] AUMMUNE LTD., IL
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[86] 2019-09-27 (PCT/IB2019/001082)
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[54] **DISPOSITIF DE NETTOYAGE DE NAVIRES**
[72] VAN ROMPAY, BOUDEWIJN GABRIEL, US
[71] VAN ROMPAY, BOUDEWIJN GABRIEL, US
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[25] EN
[54] **METHOD FOR MOUNTING FUNCTIONAL ELEMENTS IN A LENS**
[54] **PROCEDE DE MONTAGE D'ELEMENTS FONCTIONNELS DANS UNE LENTILLE**
[72] KORNER, LUTZ, CH
[72] HESS, PETER, CH
[72] GREBER, ALEXANDER, CH
[72] BUTTIKER, URS, CH
[72] MULLER, RETO, CH
[72] HOGLUND, ANDERS, SE
[72] LJUNGGREN, DANIEL, SE
[71] METAMATERIAL INC., CA
[71] TOBII AB, SE
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[54] **METHOD AND DEVICE FOR ACOUSTIC MEASURING IN A PIPELINE**
[54] **PROCEDE DE GENERATION D'UN SIGNAL D'EXCITATION ET DE MESURE ACOUSTIQUE DANS DES CAVITES TECHNIQUES**
[72] PEYERL, PETER, DE
[71] MEOWELL GMBH, DE
[85] 2021-03-25
[86] 2019-09-19 (PCT/EP2019/075139)
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[54] **REACTOR FOR PRODUCING A SYNTHESIS GAS FROM A FUEL**
[54] **REACTEUR POUR PRODUIRE UN GAZ DE SYNTHESE A PARTIR D'UN COMBUSTIBLE**
[72] LUCAS, JANJA ARJAN, NL
[72] ZWART, ROBIN WILLEM RUDOLF, NL
[71] MILENA-OLGA JOINT INNOVATION ASSETS B.V., NL
[85] 2021-03-25
[86] 2019-10-01 (PCT/NL2019/050656)
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[54] **DEVICE, METHOD AND COMPUTER PROGRAM FOR OPERATING A SHIP**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME INFORMATIQUE POUR FAIRE FONCTIONNER UN NAVIRE**
[72] RIZVANOLLI, ANISA, DE
[72] JOHN, OLE, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **REPAIRING MATERIAL FOR LIQUID LEAKAGE, REPARING METHOD FOR LIQUID LEAKAGE, AND PIPELINE**
[54] **MATERIAU DE REPARATION POUR FUITE DE LIQUIDE, PROCEDE DE REPARATION POUR FUITE DE LIQUIDE, ET PIPELINE**
[72] MORI, YASUTAKA, JP
[72] KUBOTA, TAKAAKI, JP
[72] ABE, TETSUYA, JP
[71] DEXERIALS CORPORATION, JP
[85] 2021-03-25
[86] 2019-08-23 (PCT/JP2019/033146)
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[54] **CONFIGURATIONS DE PARTIES DE BANDE PASSANTE POUR UNE COMMUNICATION V2X**
[72] YOKOMAKURA, KAZUNARI, JP
[72] AIBA, TATSUSHI, JP
[72] SHENG, JIA, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2021-03-25
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[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE**
[72] JEWELL, DENNIS, US
[72] PANICKAR, KIRAN, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2021-03-25
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[54] **IMPROVED PROCESS OF PROGRAMMING FIELD PROGRAMMABLE GATE ARRAYS USING PARTIAL RECONFIGURATION**
[54] **PROCEDE AMELIORE DE PROGRAMMATION DE CIRCUITS INTEGRES PREDIFFUSES PROGRAMMABLES A L'AIDE D'UNE RECONFIGURATION PARTIELLE**
[72] SHADDOCK, DANIEL ANTHONY, US
[72] SCHWENKE, MAX ANDREW GORDON, US
[72] RAWLES WUCHENICH, DANIELLE MARIE, US
[72] COUGHLAN, BENJAMIN PAUL, US
[72] LAM, TIMOTHY TIEN-YUE, US
[72] ALTIN, PAUL ANTHONY, US
[71] LIQUID INSTRUMENTS PTY. LTD., AU
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[54] **CONTROLLED RELEASE FORMULATION COMPRISING FLAVOXATE**
[54] **FORMULATION A LIBERATION CONTROLEE COMPRENANT DU FLAVOXATE**
[72] BERLIA, SUSHMA PAUL, IN
[72] BERLIA, NISHANT, IN
[72] DIWAN, ANUPAMA, IN
[72] MAJUMDAR, DIPAK KANTI, IN
[72] BHANDARI, SUNDER SINGH, IN
[71] BERLIA, SUSHMA PAUL, IN
[85] 2021-01-20
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[54] **POWER DISTRIBUTION VIRTUAL NETWORKING**
[54] **RESEAUTAGE VIRTUEL DE DISTRIBUTION D'ENERGIE**
[72] ZAFIROVIC-VUKOTIC, MIRJANA, CA
[72] LOHMEYER, JOACHIM, DE
[71] SIEMENS CANADA LIMITED, CA
[85] 2021-03-25
[86] 2018-09-27 (PCT/US2018/052999)
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[54] **COMMUNICATION NETWORK, METHOD, NETWORK EQUIPMENT AND COMMUNICATION DEVICE**
[54] **RESEAU DE COMMUNICATION, PROCEDE, EQUIPEMENT DE RESEAU ET DISPOSITIF DE COMMUNICATION**
[72] WAKABAYASHI, HIDEJI, GB
[71] SONY CORPORATION, JP
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[51] **Int.Cl. C07D 403/14 (2006.01) A01N 43/54 (2006.01) A01N 43/653 (2006.01) A01P 5/00 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 33/14 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **HETEROARYLAZOLE COMPOUND AND PEST CONTROL AGENT**
[54] **COMPOSE HETEROARYLAZOLE ET ET AGENT DE LUTTE CONTRE LES ORGANISMES NUISIBLES**
[72] SAKANISHI, KEITA, JP
[72] SAKIYAMA, NORIFUMI, JP
[72] AOYAMA, HIKARU, JP
[72] IWASA, TAKAO, JP
[72] MATSUI, MAKI, JP
[72] KOBAYASHI, TOMOMI, JP
[72] USHIJIMA, DAISUKE, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2021-03-25
[86] 2019-09-30 (PCT/JP2019/038480)
[87] (WO2020/071304)
[30] JP (2018-187675) 2018-10-02
[30] JP (2018-202997) 2018-10-29

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[51] **Int.Cl. A61F 2/44 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **EXPANDABLE DEVICE**
[54] **DISPOSITIF EXPANSIBLE**
[72] KALHORN, STEPHEN, US
[72] SEMLER, MARK E., US
[72] RUSCITO, JOSEPH, US
[72] HAPSTACK, CHRISTOPHER, US
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US
[85] 2021-03-25
[86] 2018-10-01 (PCT/US2018/053716)
[87] (WO2019/068074)
[30] US (62/565,374) 2017-09-29

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[51] **Int.Cl. A01N 63/00 (2020.01) A01N 37/02 (2006.01) A01N 37/06 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **COMBINATION OF BACTERIAL BIOLOGICAL CONTROL AGENT AND FATTY ACIDS**
[54] **COMBINAISON D'UN AGENT DE CONTROLE BIOLOGIQUE BACTERIEN ET D'ACIDES GRAS**
[72] MUNKS, KARL-WILHELM, DE
[72] WIJSMULLER, JOLANDA MAUD, NL
[72] LABOURDETTE, GILBERT, FR
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2021-03-25
[86] 2019-09-27 (PCT/EP2019/076216)
[87] (WO2020/065025)
[30] EP (18197495.7) 2018-09-28

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[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL DATA ENCODING METHOD, THREE-DIMENSIONAL DATA DECODING METHOD, THREE-DIMENSIONAL DATA ENCODING DEVICE, AND THREE-DIMENSIONAL DATA DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE DONNEES TRIDIMENSIONNELLES, PROCEDE DE DECODAGE DE DONNEES TRIDIMENSIONNELLES, DISPOSITIF DE CODAGE DE DONNEES TRIDIMENSIONNELLES, ET DISPOSITIF DE DECODAGE D E DONNEES TRIDIMENSIONNELLES**
[72] SUGIO, TOSHIYASU, JP
[72] IGUCHI, NORITAKA, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2021-03-25
[86] 2019-10-02 (PCT/JP2019/038881)
[87] (WO2020/071414)
[30] US (62/740,131) 2018-10-02

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[51] **Int.Cl. G01M 3/04 (2006.01) G01M 3/16 (2006.01) G01M 3/18 (2006.01) G01M 3/28 (2006.01) G01M 3/38 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ASCERTAINING THE OCCURRENCE OF A DEFECT IN A LINE BY MEANS OF ESTIMATION**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER L'APPARITION D'UN POINT DE DEFAUT D'UNE LIGNE AU MOYEN D'UNE ESTIMATION**
[72] HORNACEK, MICHAEL, AT
[72] SCHALL, DANIEL, AT
[71] SIEMENS ENERGY GLOBAL GMBH & CO. KG, DE
[85] 2021-03-25
[86] 2019-09-24 (PCT/EP2019/075725)
[87] (WO2020/064741)
[30] EP (18197085.6) 2018-09-27

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[13] A1
[51] **Int.Cl. H05B 7/12 (2006.01)**
[25] EN
[54] **METHODS OF PROTECTING FURNACE ELECTRODES WITH COOLING LIQUID THAT CONTAINS AN ADDITIVE**
[54] **PROCEDES DE PROTECTION D'ELECTRODES DE FOUR AVEC UN LIQUIDE DE REFROIDISSEMENT QUI CONTIENT UN ADDITIF**
[72] STRASSER, JOSEPH S., US
[72] HAMNIK, JOSEPH M., US
[72] LAWSON, JAMES R., US
[72] FELLER, ALAN J., US
[71] CHEMTREAT, INC., US
[85] 2021-03-25
[86] 2019-09-03 (PCT/US2019/049335)
[87] (WO2020/081155)
[30] US (62/745,697) 2018-10-15
[30] US (62/779,457) 2018-12-13

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[13] A1
[51] **Int.Cl. A61K 31/135 (2006.01) A61K 9/00 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **KETAMINE COMPOSITION FOR USE IN A METHOD OF TREATMENT OF DEPRESSION BY PULMONARY ADMINISTRATION**
[54] **COMPOSITION DE KETAMINE DESTINEE A ETRE UTILISEE DANS UNE METHODE DE TRAITEMENT DE LA DEPRESSION PAR ADMINISTRATION PULMONAIRE**
[72] WIECZOREK, MACIEJ, PL
[72] JANOWSKA, SYLWIA, PL
[71] CELON PHARMA S.A., PL
[85] 2021-03-25
[86] 2019-09-24 (PCT/EP2019/075735)
[87] (WO2020/064748)
[30] EP (18461615.9) 2018-09-28

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[51] **Int.Cl. B29C 64/188 (2017.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B29C 64/106 (2017.01) B29C 64/393 (2017.01) B33Y 40/20 (2020.01) B29D 11/00 (2006.01) G02B 3/00 (2006.01) G02B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AN OPTICAL LENS BY ADDITIVE MANUFACTURING AND CORRESPONDING INTERMEDIATE OPTICAL ELEMENT**
[54] **PROCEDE DE FABRICATION D'UNE LENTILLE OPTIQUE PAR FABRICATION ADDITIVE ET ELEMENT OPTIQUE INTERMEDIAIRE CORRESPONDANT**
[72] GOURRAUD, ALEXANDRE, FR
[71] ESSILOR INTERNATIONAL, FR
[85] 2021-03-25
[86] 2019-09-24 (PCT/EP2019/075741)
[87] (WO2020/064754)
[30] EP (18306258.7) 2018-09-26

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SEGMENTATION MANAGEMENT INCLUDING VISUALIZATION, CONFIGURATION, SIMULATION, OR A COMBINATION THEREOF**
[54] **GESTION DE SEGMENTATION COMPRENANT UNE VISUALISATION, UNE CONFIGURATION, UNE SIMULATION OU UNE COMBINAISON DE CELLES-CI**
[72] FAINBERG, ILYA, US
[72] MAOR, YAFIT, US
[72] OLSWANG, AMIR, US
[71] FORESCOUT TECHNOLOGIES, INC., US
[85] 2021-03-25
[86] 2019-09-19 (PCT/US2019/052017)
[87] (WO2020/068560)
[30] US (16/144,051) 2018-09-27

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[13] A1
[51] **Int.Cl. B60C 11/00 (2006.01)**
[25] EN
[54] **A TIRE FOR MULTI PERFORMANCE**
[54] **PNEUMATIQUE POUR PERFORMANCES MULTIPLES**
[72] UCHIDA, TOMOTAKE, JP
[72] MAESAKA, MASAYUKI, JP
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2021-03-25
[86] 2018-09-28 (PCT/JP2018/036176)
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[51] **Int.Cl. A61K 47/60 (2017.01) A61K 47/64 (2017.01) A61K 47/69 (2017.01) A61P 31/04 (2006.01)**
[25] EN
[54] **NOVEL HYDROGEL CONJUGATES**
[54] **NOUVEAUX CONJUGUES D'HYDROGEL**
[72] STARK, SEBASTIAN, DE
[72] VOIGT, TOBIAS, DE
[72] BISEK, NICOLA, DE
[71] ASCENDIS PHARMA A/S, DK
[85] 2021-03-25
[86] 2019-09-25 (PCT/EP2019/075881)
[87] (WO2020/064846)
[30] EP (18196864.5) 2018-09-26
[30] EP (19150396.0) 2019-01-04
[30] EP (19181814.5) 2019-06-21

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[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**
[25] EN
[54] **FORMULATIONS OF GLUCAGON-LIKE-PEPTIDE-2 (GLP-2) ANALOGUES**
[54] **FORMULATIONS D'ANALOGUES DU PEPTIDE-2 DE TYPE GLUCAGON (GLP-2)**
[72] GIEHM, LISE, DK
[72] MELANDER, CLAES, DK
[72] MOLLER, EVA HORN, DK
[71] ZEALAND PHARMA A/S, DK
[85] 2021-03-25
[86] 2019-09-27 (PCT/EP2019/076305)
[87] (WO2020/065064)
[30] EP (18197755.4) 2018-09-28

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[51] **Int.Cl. C07D 493/04 (2006.01) C07H 13/06 (2006.01) C08G 63/48 (2006.01) C08K 5/053 (2006.01) C08K 5/092 (2006.01) C09D 167/08 (2006.01)**
[25] EN
[54] **CYCLIC ETHER- AND HYDROXYL-CONTAINING COMPOSITIONS USEFUL FOR PRODUCING FAST DRY ALKYD POLYMERS AND METHODS FOR MAKING SUCH CYCLIC ETHER- AND HYDROXYL-CONTAINING COMPOSITIONS**
[54] **COMPOSITIONS CONTENANT UN ETHER CYCLIQUE ET UN HYDROXYLE, UTILES POUR PRODUIRE DES POLYMERES D'ALKYDE SECS RAPIDES ET PROCEDES DE FABRICATION DE TELLES COMPOSITIONS CONTENANT UN E THER CYCLIQUE ET UN HYDROXYLE**
[72] KIM, KYU-JUN, US
[71] ARKEMA INC., US
[85] 2021-03-25
[86] 2019-09-20 (PCT/US2019/052155)
[87] (WO2020/068582)
[30] US (62/737,160) 2018-09-27

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[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **NUCLEIC ACID TO ACTIVATE GENE EXPRESSION AND PROTEIN PRODUCTION**
[54] **ACIDE NUCLEIQUE POUR L'ACTIVATION DE L'EXPRESSION GENIQUE ET LA PRODUCTION DE PROTEINES**
[72] OLIVEIRA, MARTA, PT
[72] JESUS, ANA, PT
[72] FREITAS, JAIME, PT
[72] MOREIRA, ALEXANDRA, PT
[72] RIBEIRO BESSA, JOSE CARLOS, PT
[71] IBMC - INSTITUTO DE BIOLOGIA MOLECULAR E CELULAR, PT
[85] 2021-03-25
[86] 2019-10-09 (PCT/PT2019/050035)
[87] (WO2020/076174)
[30] PT (115073) 2018-10-09

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SEGMENTATION MANAGEMENT INCLUDING TRANSLATION**
[54] **GESTION DE SEGMENTATION INCLUANT UNE TRADUCTION**
[72] FAINBERG, ILYA, US
[71] FORESCOUT TECHNOLOGIES, INC., US
[85] 2021-03-25
[86] 2019-09-19 (PCT/US2019/052018)
[87] (WO2020/068561)
[30] US (16/144,130) 2018-09-27

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[13] A1
[51] **Int.Cl. F24H 1/00 (2006.01)**
[25] EN
[54] **HOT WATER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN EAU CHAUDE**
[72] YOSHIDA, SATOSHI, JP
[71] LIXIL CORPORATION, JP
[85] 2021-03-25
[86] 2019-05-10 (PCT/JP2019/018669)
[87] (WO2020/066110)
[30] JP (2018-179674) 2018-09-26

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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 9/00 (2006.01) A63F 13/00 (2014.01) G07F 17/34 (2006.01)**
[25] EN
[54] **SKILLFUL CASINO MULTI-LEVEL GAMES AND REGULATED GAMING MACHINES IN WHICH PROGRESSIVELY HIGHER GAME LEVELS ENABLE PROGRESSIVELY HIGHER RETURNS TO PLAYER (RTP)**
[54] **JEUX D'ADRESSE MULTI-NIVEAUX DE CASINO ET MACHINES DE JEU REGLEMENTEES DANS LESQUELS DES NIVEAUX DE JEU PROGRESSIVEMENT PLUS ELEVES PERMETTENT DES RETOURS AU JOUEUR (RTP) PROGRESS IVEMENT PLUS ELEVES**
[72] OBERBERGER, MICHAEL M., US
[72] LOW, MICHAEL M., US
[71] SYNERGY BLUE, LLC, US
[85] 2021-03-25
[86] 2019-09-22 (PCT/US2019/052314)
[87] (WO2020/076482)
[30] US (16/153,795) 2018-10-07

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[13] A1
[51] **Int.Cl. F41C 7/00 (2006.01) F41A 5/02 (2006.01)**
[25] EN
[54] **AUTOMATIC FIREARMS WITH INERTIA AUTOMARICS DESCRIPTION**
[54] **ARME A FEU AUTOMATIQUE AVEC MECANISME D'AUTOMATISME INERTIEL**
[72] POKALYAEV, VASILIJ MIHAJLOVICH, RU
[72] POKALYAEV, SERGEI, RU
[71] POKALYAEV, VASILIJ MIHAJLOVICH, RU
[71] POKALYAEV, SERGEI, RU
[85] 2021-03-25
[86] 2019-06-21 (PCT/RU2019/000446)
[87] (WO2020/085942)
[30] RU (2018137085) 2018-10-22

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[13] A1
[51] **Int.Cl. D21H 21/14 (2006.01) C08L 29/04 (2006.01) D21F 5/18 (2006.01)**
[25] EN
[54] **YANKEE ADHESIVE COMPOSITIONS AND METHODS OF USING THESE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES DE FRICTIONNEUR ET PROCEDES D'UTILISATION DE CES COMPOSITIONS**
[72] BJERKE, MICHAEL, SE
[72] TREMBLAY, BRUNO, CA
[72] BERGSTROM, VIKTOR, SE
[72] ERICSSON, PETTER, SE
[72] MARCOS, DANILO, SE
[71] VALMET AKTIEBOLAG, SE
[85] 2021-03-25
[86] 2018-10-19 (PCT/SE2018/051067)
[87] (WO2020/080988)

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) A63F 9/00 (2006.01) A63F 9/24 (2006.01) A63F 13/00 (2014.01) G07F 17/38 (2006.01)**
[25] EN
[54] **REGULATED MULTI-LEVEL CASINO GAMES AND GAMING MACHINES CONFIGURED TO OFFER PLAYER REWARDS BASED ON PERFORMANCE INDICIA**
[54] **JEUX DE CASINO A PLUSIEURS NIVEAUX REGLEMENTES ET MACHINES DE JEU CONFIGUREES POUR OFFRIR DES RECOMPENSES AU JOUEUR SUR LA BASE D'INDICES DE PERFORMANCE**
[72] OBERBERGER, MICHAEL M., US
[72] LOW, MICHAEL M., US
[71] SYNERGY BLUE, LLC, US
[85] 2021-03-25
[86] 2019-09-22 (PCT/US2019/052315)
[87] (WO2020/076483)
[30] US (16/154,407) 2018-10-08

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[13] A1
[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/122 (2014.01)**
[25] EN
[54] **AN ENCODER, A DECODER AND CORRESPONDING METHODS USING COMPACT MV STORAGE**
[54] **CODEUR, DECODEUR ET PROCEDES CORRESPONDANTS UTILISANT UN STOCKAGE DE VECTEUR DE MOUVEMENT COMPACT**
[72] SYCHEV, MAXIM BORISOVITCH, CN
[72] SOLOVYEV, TIMOFEY MIKHAILOVICH, CN
[72] KARABUTOV, ALEXANDER ALEXANDROVICH, CN
[72] IKONIN, SERGEY YURIEVICH, CN
[72] CHEN, JIANLE, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2021-03-25
[86] 2019-12-27 (PCT/RU2019/050260)
[87] (WO2020/139172)
[30] US (62/786,343) 2018-12-29
[30] US (62/786,344) 2018-12-29

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[13] A1
[51] **Int.Cl. B60G 7/00 (2006.01) B60G 7/02 (2006.01) B62D 7/20 (2006.01) B62D 17/00 (2006.01)**
[25] EN
[54] **WHEEL ALIGNMENT MECHANISM**
[54] **MECANISME D'ALIGNEMENT DE ROUE**
[72] TIRAMANI, PAOLO, US
[72] DENMAN, KYLE, US
[71] 500 GROUP, INC., US
[85] 2021-03-25
[86] 2019-09-23 (PCT/US2019/052485)
[87] (WO2020/068698)
[30] US (62/736,021) 2018-09-25
[30] US (62/735,966) 2018-09-25
[30] US (62/736,066) 2018-09-25

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[13] A1
[51] **Int.Cl. F04B 43/113 (2006.01)**
[25] EN
[54] **PUMP ASSEMBLY**
[54] **INSTALLATION DE POMPAGE**
[72] KUZIN, EGOR VLADIMIROVICH, RU
[72] TYUKAVKIN, EGOR ALEKSANDROVICH, RU
[72] BUBLIK, DMITRIJ ALEKSEEVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOST'YU "TOREG", RU
[85] 2021-03-25
[86] 2019-10-02 (PCT/RU2019/000700)
[87] (WO2020/071958)
[30] RU (2018134507) 2018-10-02

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[13] A1
[51] **Int.Cl. A61F 2/38 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ELBOW JOINT PROSTHESES**
[54] **PROTHESES DE L'ARTICULATION DU COUDE**
[72] KARTHOLL, MATTHEW VICTOR, US
[72] PARKER, BRAD ALAN, US
[72] FARLEY, KEVIN ALIKA, US
[72] KOEPKE, RYAN D., US
[71] TORNIER, INC., US
[85] 2021-03-25
[86] 2019-09-25 (PCT/US2019/052852)
[87] (WO2020/072247)
[30] US (62/740,790) 2018-10-03

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[13] A1
[51] **Int.Cl. B66C 17/20 (2006.01) G01C 21/00 (2006.01) H04B 14/00 (2006.01)**
[25] EN
[54] **SMART TERMINAL FACILITY AND METHOD SUITABLE FOR THE HANDLING OF CARGO CONTAINERS**
[54] **INSTALLATION TERMINALE INTELLIGENTE ET PROCEDE APPROPRIE POUR LA MANIPULATION DE CONTENEURS DE FRET**
[72] CHUNG, KEVIN KWONG-TAI, US
[71] AVANTE INTERNATIONAL TECHNOLOGY, INC., US
[85] 2021-03-25
[86] 2019-09-19 (PCT/US2019/051958)
[87] (WO2020/072208)
[30] US (62/766,124) 2018-10-02
[30] US (62/766,210) 2018-10-05
[30] US (62/766,259) 2018-10-10
[30] US (62/747,234) 2018-10-18
[30] US (16/280,102) 2019-02-20

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[13] A1
[51] **Int.Cl. C08F 8/34 (2006.01)**
[25] EN
[54] **CARBON BLACK FOR IMPROVED AUTOMOTIVE ANTI-VIBRATION RUBBER COMPOUND PERFORMANCE**
[54] **NOIR DE CARBONE POUR PERFORMANCES AMELIOREES D'UN COMPOSE DE CAOUTCHOUC ANTI-VIBRATION D'AUTOMOBILE**
[72] TUNNICLIFFE, LEWIS B., US
[71] BIRLA CARBON U.S.A., INC., US
[85] 2021-03-25
[86] 2019-09-26 (PCT/US2019/053115)
[87] (WO2020/069098)
[30] US (62/736,494) 2018-09-26
[30] US (62/736,634) 2018-09-26

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0783 (2010.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER WITH ANTI-CD19/CD22 IMMUNOTHERAPY**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DU CANCER PAR IMMUNOTHERAPIE ANTI-CD19/CD22**
[72] SCHNEIDER, DINA, US
[72] ORENTAS, RIMAS J., US
[72] DROPULIC, BORO, US
[72] HU, PEIRONG, US
[71] LENTIGEN TECHNOLOGY, INC., US
[85] 2021-03-25
[86] 2019-09-26 (PCT/US2019/053240)
[87] (WO2020/069184)
[30] US (62/736,955) 2018-09-26

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61F 2/958 (2013.01) A61B 5/06 (2006.01) A61B 5/07 (2006.01) A61F 5/00 (2006.01) A61M 25/00 (2006.01) A61M 25/10 (2013.01) A61M 29/02 (2006.01)**
[25] EN
[54] **INTRAGASTRIC DEVICE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES POUR DISPOSITIFS INTRAGASTRIQUES**
[72] CALZI, FEDERICO, US
[72] NELSON, SHELDON, US
[72] BRISTER, MARK C., US
[72] GARBER, SHAWN M., US
[71] OBALON THERAPEUTICS, INC., US
[85] 2021-03-25
[86] 2019-09-23 (PCT/US2019/052356)
[87] (WO2020/068620)
[30] US (62/738,871) 2018-09-28
[30] US (62/738,877) 2018-09-28
[30] US (62/738,908) 2018-09-28
[30] US (62/738,942) 2018-09-28

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[13] A1
[51] **Int.Cl. C12N 11/00 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2020.01) B33Y 80/00 (2015.01) B01J 35/10 (2006.01) C12N 11/02 (2006.01) C12N 11/08 (2020.01) C12N 11/14 (2006.01)**
[25] EN
[54] **PRINTABLE MAGNETIC POWDERS AND 3D PRINTED OBJECTS FOR BIONANOCATALYST IMMOBILIZATION**
[54] **POUDRES MAGNETIQUES IMPRIMABLES ET OBJETS IMPRIMES PAR IMPRESSION 3D POUR IMMOBILISATION DE BIO-NANOCATALYSEURS**
[72] CORGIE, STEPHANE CEDRIC, US
[72] CHUN, MATTHEW STEPHEN, US
[72] RIVERA, KATIA ARGELIA RODRIGUEZ, US
[72] SANKTJOHANSER, MAXIMILIAN JOSEF, US
[72] WONG, BRAEDON CARTER, US
[71] ZYMTRONIX CATALYTIC SYSTEMS, INC., US
[85] 2021-03-25
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[54] **TERPINOID DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE TERPINOIDES ET LEURS UTILISATIONS**
[72] JIN, BOHAN, US
[72] DONG, QING, US
[72] HUNG, GENE, US
[72] KALDOR, STEPHEN W., US
[71] SICHUAN HAISCO PHARMACEUTICAL CO., LTD., CN
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[54] **VEHICLE SUSPENSION**
[54] **SUSPENSION DE VEHICULE**
[72] TIRAMANI, PAOLO, US
[72] DENMAN, KYLE, US
[71] 500 GROUP, INC., US
[85] 2021-03-25
[86] 2019-09-23 (PCT/US2019/052475)
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[54] **MODULAR LOW PROFILE RACEWAY TO PROVIDE POWER AND/OR DATA CONNECTIVITY**
[54] **CANALISATION MODULAIRE COMPACTE POUR FOURNIR UNE CONNECTIVITE D'ALIMENTATION ET/OU DE DONNEES**
[72] STRONG, CLINTON, US
[71] LEGRAND CONNECTRAC, LLC, US
[85] 2021-03-25
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[54] **CHASSIS ANCHORING SYSTEMS**
[54] **SYSTEMES D'ANCRAGE DE CHASSIS**
[72] TIRAMANI, PAOLO, US
[72] DENMAN, KYLE, US
[71] 500 GROUP, INC., US
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[54] **NON-INTRUSIVE PROCESS FLUID PRESSURE MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE NON INTRUSIVE DE PRESSION DE FLUIDE DE PROCESSUS**
[72] WILLCOX, CHARLES R., US
[71] ROSEMOUNT INC., US
[85] 2021-03-25
[86] 2019-09-24 (PCT/US2019/052639)
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[54] **CONTROLLING ACCESS TO MULTI-GRANULARITY DATA**
[54] **CONTROLE D'ACCES A DES DONNEES A GRANULARITE MULTIPLE**
[72] BONDUGULA, RAJKUMAR, US
[72] YASKO, CHRISTOPHER, US
[71] EQUIFAX INC., US
[85] 2021-03-25
[86] 2019-09-24 (PCT/US2019/052655)
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[54] **TRANSPORE DELIVERY OF STEROIDS AND LARGE MOLECULES**
[54] **ADMINISTRATION DE STEROIDES ET DE GRANDES MOLECULES PAR LES PORES**
[72] STUDIN, JOEL, US
[71] STUDIN, JOEL, US
[85] 2021-03-25
[86] 2019-09-27 (PCT/US2019/053665)
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[54] **IMPROVED MIXED METAL OXIDE CATALYST USEFUL FOR PARAFFIN DEHYDROGENATION**
[54] **CATALYSEUR D'OXYDE METALLIQUE MIXTE AMELIORE UTILE POUR LA DESHYDROGENATION DE PARAFFINE**
[72] MUKHERJEE, MITRAJIT, US
[72] VADHRI, VAMSI M., US
[72] JOSHI, NARENDRA, US
[72] BROCK, GRACE, US
[71] EXELUS, INC., US
[85] 2021-03-25
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[54] **MONITORING DEVICES, SYSTEMS, AND METHODS FOR DETECTING WETNESS IN A GARMENT**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE SURVEILLANCE POUR LA DETECTION D'HUMIDITE DANS UN VETEMENT**
[72] STEVENS, THOMAS REED, US
[72] GOERING, IVAN J., US
[72] NISHIOKA, SUGURU, US
[71] RSC ASSOCIATES, INC., US
[85] 2021-03-25
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[54] **DIANOSTIC LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE DE DIANOSTIC**
[72] HEILMAN, DAVID, US
[71] HEILMAN, DAVID, US
[85] 2021-03-25
[86] 2019-09-30 (PCT/US2019/053842)
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[54] **NATURAL PRODUCT COMPOSITION FOR STIMULATING HAIR GROWTH**
[54] **COMPOSITION DE PRODUIT NATUREL POUR STIMULER LA POUSSE DES CHEVEUX**
[72] PETCAVICH, ROBERT J., US
[71] PETCAVICH, ROBERT J., US
[85] 2021-03-25
[86] 2019-09-30 (PCT/US2019/053875)
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[25] EN
[54] **INHIBITORS OF THE YAP/TAZ-TEAD INTERACTION AND THEIR USE IN THE TREATMENT OF CANCER**
[54] **INHIBITEURS DE L'INTERACTION YAP/TAZ-TEAD ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] BARTH, MARTINE, FR
[72] CONTAL, SYLVIE, FR
[72] JUNIEN, JEAN-LOUIS, FR
[72] MASSARDIER, CHRISTINE, FR
[72] MONTALBETTI, CHRISTIAN, FR
[72] SOUDE, ANNE, FR
[71] INVENTIVA, FR
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[54] **RADIATOR FOR A TRANSFORMER HAVING IMPROVED COOLING**
[54] **RADIATEUR POUR TRANSFORMATEUR A REFROIDISSEMENT AMELIORE**
[72] GALLETTI, BERNARDO, CH
[72] BLASZCZYK, ANDREAS, CH
[72] WU, WEI, US
[71] ABB POWER GRIDS SWITZERLAND AG, CH
[85] 2021-03-25
[86] 2019-10-02 (PCT/EP2019/076713)
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[54] **VAPOUR GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION DE VAPEUR**
[72] ZOMINY, CLAUDE, FR
[72] LIU, PINGKUN, CN
[72] YUAN, YONGBAO, CN
[72] MORENO RODRIGUEZ, JUAN JOSE, CH
[71] JT INTERNATIONAL SA, CH
[85] 2021-03-25
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[54] **FOOD ITEM CUTTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COUPE D'ALIMENTS**
[72] BJARNASON, ELIAS HALLDOR, IS
[71] MAREL A/S, DK
[85] 2021-03-25
[86] 2019-10-04 (PCT/EP2019/076969)
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[25] FR
[54] **MOTORISED VEHICLE**
[54] **VEHICULE MOTORISE**
[72] MURON, NICOLAS, FR
[71] MOONBIKES MOTORS, FR
[85] 2021-03-25
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[54] **COMBINATION THERAPY FOR THE TREATMENT OF UVEAL MELANOMA**
[54] **THERAPIE COMBINEE POUR LE TRAITEMENT DU MELANOME DE LA CHOROIDE**
[72] HERGENROTHER, PAUL J., US
[72] BOUDREAU, MATTHEW WESLEY, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2021-03-25
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[54] **INDOOR SHOOTING RANGE**
[54] **STAND DE TIR INTERIEUR**
[72] MOERLAND, JELLE, NL
[72] PONSEN, ARIE, NL
[71] INGENIEURSBUREAU EN TECHNISCHE HANDELSONDERNEMING AUTRON B.V., NL
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[54] **METHODS AND COMPOSITIONS FOR EYE CARE**
[54] **PROCEDES ET COMPOSITIONS DE SOIN OCULAIRE**
[72] BURNAM, BRADLEY, US
[71] GLOBAL HEALTH SOLUTIONS LLC, US
[85] 2021-03-25
[86] 2019-09-25 (PCT/US2019/052993)
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[30] US (62/736,372) 2018-09-25
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[54] **CD40L ANTAGONIST AND USES THEREOF**
[54] **ANTAGONISTE DE CD40L ET SES UTILISATIONS**
[72] DRAPPA, JORN, US
[72] ALBULESCU, MARIUS, US
[72] LI, JING, US
[72] GRANT, ETHAN, US
[72] STREICHER, KATIE, US
[72] ILLEI, GABOR, US
[72] WANG, LIANGWEI, US
[72] REES, WILLIAM, US
[71] VIELA BIO, INC., US
[85] 2021-03-25
[86] 2019-09-25 (PCT/US2019/052997)
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[30] US (62/747,552) 2018-10-18
[30] US (62/758,060) 2018-11-09
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[54] **PROTEIN PURIFICATION METHODS**
[54] **PROCEDES DE PURIFICATION DE PROTEINES**
[72] PATTERSON, MELISSA, US
[72] MCCLAIN, SEAN, US
[72] LIU, JIA, US
[71] ABSCI, LLC, US
[85] 2021-03-25
[86] 2019-09-25 (PCT/US2019/052998)
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[54] **TRANSTHYRETIN (TTR) IRNA COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING OR PREVENTING TTR-ASSOCIATED OCULAR DISEASES**
[54] **COMPOSITIONS D'ARNI DE LA TRANSTHYRETINE (TTR) ET LEURS PROCEDES D'UTILISATION POUR TRAITER OU PREVENIR DES MALADIES OCULAIRES ASSOCIEES A LA TTR**
[72] NAIR, JAYAPRAKASH K., US
[72] MAIER, MARTIN A., US
[72] JADHAV, VASANT R., US
[72] KEATING, MARK, US
[72] FITZGERALD, KEVIN, US
[72] MILSTEIN, STUART, US
[72] BROWN, KIRK, US
[72] MANOHARAN, MUTHIAH, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2021-03-25
[86] 2019-09-26 (PCT/US2019/053050)
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[54] **SYSTEMS AND METHODS FOR BUILDING, OPERATING AND CONTROLLING MULTIPLE AMPLIFIERS, REGENERATORS AND TRANSCEIVERS USING SHARED COMMON COMPONENTS**
[54] **SYSTEMES ET PROCEDES DE CONSTRUCTION, DE FONCTIONNEMENT ET DE COMMANDE DE MULTIPLES AMPLIFICATEURS, REGENERATEURS ET EMETTEURS-RECEPTEURS EN UTILISANT DES COMPOSANTS COMMUNS PARTA GES**
[72] WILLNER, ALAN, ELI, US
[72] DAMAGHI, DANIEL, US
[72] HARLEV, OHAD, US
[72] MCMANAMON, PAUL FRANCIS, US
[72] VEDADI-COMTE, ARMAND, US
[72] CHOUDHARY, DIPAYAN DATTA, US
[71] LYTELOOP TECHNOLOGIES, LLC, US
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[54] **DIELECTRICALLY-ENHANCED POLYETHYLENE FORMULATION**
[54] **FORMULATION DE POLYETHYLENE AMELIOREE DIELECTRIQUEMENT**
[72] HAN, SUH JOON, US
[72] GUERRA, SUZANNE M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2021-03-25
[86] 2019-09-30 (PCT/US2019/053720)
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[54] **LIDAR DE DETECTION D'ANGLE MORT DE VEHICULE**
[72] LI, HAO, US
[72] ZHANG, YUN, US
[71] NURO, INC., US
[85] 2021-03-25
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[54] **ENZYMATIC PROCESS FOR PRODUCTION OF MODIFIED HOP PRODUCTS**
[54] **PROCEDE DE PRODUCTION ENZYMATIQUE DE PRODUITS DE HOUBLON MODIFIE**
[72] BERDAHL, DONALD RICHARD, US
[72] WHALEN, KATIE, US
[72] BUFFIN, BRIAN PATRICK, US
[72] JONES, MATTHEW BLAKE, US
[72] WILLIAMS, KATRINA, US
[71] KALAMAZOO HOLDINGS, INC., US
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[54] **COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] AMATANGELO, MICHAEL D., US
[72] BJORKLUND, CHAD, US
[72] THAKURTA, ANJAN, US
[72] HONG, XIANKANG, US
[72] COTA, MARIANA, US
[71] CELGENE CORPORATION, US
[85] 2021-03-25
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[54] **ANTI-HUMAN VSIG4 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-VSIG4 HUMAINS ET LEURS UTILISATIONS**
[72] KWON, BYOUNG S., KR
[72] KIM, HYE JEONG, KR
[72] HWANG, SUNHEE, KR
[72] LEE, JOONGWON, KR
[72] LEE, SEUNG HYUN, KR
[72] IM, SUN-WOO, KR
[72] CHOI, JIN KYUNG, KR
[72] SON, HYUN TAE, KR
[72] PARK, HYEOK-JUN, KR
[71] EUTILEX CO., LTD., KR
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[30] US (62/738,255) 2018-09-28
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[54] **ELECTRIC VEHICLE BATTERY PACK HAVING BOTTOM STRIKE SHIELD**
[54] **BLOC-BATTERIE DE VEHICULE ELECTRIQUE AYANT UN BOUCLIER ANTICHOC INFERIEUR**
[72] SEKAR, VIGNESH, US
[72] SHANKAR MAHADEVAN, JAGANNATHAN, US
[72] SHAH, ANISH, US
[72] COLLINS, TYLER, US
[72] PADIA, ZUBIN HARESHKUMAR, US
[72] WYNN, NATHANIEL C., US
[71] RIVIAN IP HOLDINGS, LLC, US
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[54] **COMPOSITION FOR DIFFUSING VOLATILE SUBSTANCES**
[54] **COMPOSITION POUR LA DIFFUSION DE SUBSTANCES VOLATILES**
[72] LLORENTE ALONSO, JOAQUIM, ES
[72] GRAUS FERRER, ALBA, ES
[72] CABALLERO TAPIA, MOISES, ES
[71] ZOBELE HOLDING SPA, IT
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[54] **ANTI-CRISPR NUCLEIC ACID INHIBITORS OF CRISPR-CAS EFFECTOR ENZYMES**
[54] **INHIBITEURS D'ACIDE NUCLEIQUE ANTI-CRISPR D'ENZYMES EFFECTRICES CRISPR-CAS**
[72] GAGNON, KEITH T., US
[72] DAMHA, MASAD, CA
[72] BARKAU, CHRISTOPHER, US
[72] O'REILLY, DANIEL, GB
[71] BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY, US
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2021-03-25
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[30] US (62/738,472) 2018-09-28

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[25] EN
[54] **ELECTROPHILES AND ELECTROPHILE PRO-DRUGS AS RAD51 INHIBITORS**
[54] **ELECTROPHILES ET PRO-MEDICAMENTS ELECTROPHILES EN TANT QU'INHIBITEURS DE RAD51**
[72] FREEMAN, BRUCE A., US
[72] NEUMANN, CAROLA, US
[72] SCHOPFER, FRANCISCO J., US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2021-03-25
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[54] **ANTI-HLA-G ANTIBODIES, COMPOSITIONS COMPRISING ANTI-HLA-G ANTIBODIES AND METHODS OF USING ANTI-HLA-G ANTIBODIES**
[54] **ANTICORPS ANTI-HLA-G, COMPOSITIONS COMPRENANT DES ANTICORPS ANTI-HLA-G ET PROCEDES D'UTILISATION D'ANTICORPS ANTI-HLA-G**
[72] BEERS, COURTNEY, US
[72] CORBIN, JOHN, US
[72] HODGES, DOUG, US
[72] MOESTA, ACHIM, US
[72] SOROS, VANESSA, US
[72] WIDBOOM, PAUL FREDRICK, US
[72] WARFIELD, JOSEPH ROBERT, US
[71] TIZONA THERAPEUTICS, US
[85] 2021-03-25
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[54] **MOBILE AERIAL DRONE EARLY WARNING PRIVACY BREACH DETECT, INTERCEPT, AND DEFEND SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DETECTION, D'INTERCEPTION ET DE DEFENSE PAR AVERTISSEMENT PRECOCE D'ATTEINTE A LA VIE PRIVEE PAR UN DRONE AERIEN MOBILE**
[72] YOCAM, ERIC, US
[72] LAURSEN, DAMON, US
[71] T-MOBILE USA, INC., US
[85] 2021-03-25
[86] 2019-09-30 (PCT/US2019/053892)
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[54] **DYNAMIC MULTI-PANE INSULATING ASSEMBLY AND SYSTEM**
[54] **ENSEMBLE ET SYSTEME D'ISOLATION MULTI-VITRES DYNAMIQUE**
[72] ELIAS, CHRISTIAN MICHAEL, US
[72] KATTMANN, THOMAS TYLER, US
[72] PRICE, CHRISTOPHER RYAN, US
[71] KATTMANN ELIAS, LLC, US
[85] 2021-03-25
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[25] EN
[54] **HIGH PRESSURE FLUID SPRAY NOZZLE INCORPORATING A FLOW CONTROLLED SWITCHING VALVE**
[54] **BUSE DE PULVERISATION DE FLUIDE HAUTE PRESSION RENFERMANT UNE SOUPAPE DE COMMUTATION A ECOULEMENT REGULE**
[72] SCHNEIDER, JOSEPH A., US
[72] TORMEY, TIMOTHY M.D., US
[71] STONEAGE, INC., US
[85] 2021-03-25
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[54] **ELECTRICAL DEVICE PROVIDED WITH A MOISTURE SENSOR**
[54] **DISPOSITIF ELECTRIQUE POURVU D'UN CAPTEUR D'HUMIDITE**
[72] PRADHAN, MANOJ, SE
[71] ABB POWER GRIDS SWITZERLAND AG, CH
[85] 2021-03-25
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[25] EN
[54] **METHOD AND FLUIDIZED BED GRANULATOR FOR THE PRODUCTION OF GRANULES FROM A SLURRY**
[54] **PROCEDE ET GRANULATEUR A LIT FLUIDISE POUR LA PRODUCTION DE GRANULES A PARTIR D'UNE SUSPENSION**
[72] VOLKE, HOWARD, NL
[71] YARA INTERNATIONAL ASA, NO
[85] 2021-03-25
[86] 2019-10-18 (PCT/EP2019/078314)
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[54] **ENERGY STORAGE SYSTEM AND METHOD TO IMPROVE BATTERY PERFORMANCE**
[54] **SYSTEME DE STOCKAGE D'ENERGIE ET PROCEDE PERMETTANT D'AMELIORER LES PERFORMANCES DE BATTERIE**
[72] CHETTIAR, KANNAPPAN KARUPPAN, US
[72] CHETTIAR, VESHANT, US
[71] CHETTIAR, KANNAPPAN KARUPPAN, US
[71] CHETTIAR, VESHANT, US
[85] 2021-03-25
[86] 2019-10-02 (PCT/US2019/054249)
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[54] **FUNCTIONALIZED AMINOTRIAZINES**
[54] **AMINOTRIAZINES FONCTIONNALISEES**
[72] NEIDHART, WERNER, CH
[72] BUCHER, DENIS, CH
[71] LEADXPRO AG, CH
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[54] **ENZYMATIC PROCESS FOR PRODUCTION OF MODIFIED HOP PRODUCTS**
[54] **NOUVEAU PROCEDE ENZYMATIQUE POUR LA PRODUCTION DE PRODUITS DE HOUBLON MODIFIES**
[72] WHALEN, KATIE, US
[72] BERDAHL, DONALD RICHARD, US
[72] BUFFIN, BRIAN PATRICK, US
[72] JONES, MATTHEW BLAKE, US
[72] WILLIAMS, KATRINA, US
[71] KALAMAZOO HOLDINGS, INC., US
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[86] 2019-09-26 (PCT/US2019/053170)
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[54] **COOLING TOWER WITH UV TREATMENT OF DRIFT**
[54] **TOUR DE REFROIDISSEMENT A TRAITEMENT PAR UV DES GOUTTELETTES ENTRAINEES**
[72] MORTENSEN, KENNETH P., US
[72] EVANS, JOSEPH, US
[71] SPX COOLING TECHNOLOGIES, INC., US
[85] 2021-03-25
[86] 2020-05-08 (PCT/US2020/032027)
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/20 (2012.01) G09B 7/00 (2006.01)**
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[54] **EDUCATIONAL BENCHMARKING SYSTEM**
[54] **SYSTEME D'EVALUATION COMPARATIVE D'ENSEIGNEMENT**
[72] JOHNSTON, FLEUR, AU
[72] HENNESSY, MIKE, AU
[71] PEOPLE BENCH PTY LTD, AU
[85] 2021-03-26
[86] 2019-09-27 (PCT/AU2019/051053)
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[51] **Int.Cl. A61F 2/44 (2006.01)**
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[54] **SPINAL DISC REPLACEMENTS AND METHODS OF MAKING THEREOF**
[54] **REMPLACEMENTS DE DISQUE VERTEBRAL ET LEURS PROCEDES DE FABRICATION**
[72] CORNEZ, SCOTT DOUGLAS, US
[72] MEZQUITA, JERSON, US
[72] BACHRACH, NATHANIEL, US
[71] TDBT IP INC., US
[85] 2021-03-25
[86] 2019-09-26 (PCT/US2019/053274)
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[51] **Int.Cl. G06F 8/20 (2018.01) G06N 20/00 (2019.01)**
[25] EN
[54] **CONTEXT-BASED RECOMMENDATIONS FOR ROBOTIC PROCESS AUTOMATION DESIGN**
[54] **RECOMMANDATIONS BASEES SUR LE CONTEXTE POUR CONCEPTION D'AUTOMATISATION DES PROCESSUS ROBOTISES**
[72] COTE, MARIE-CLAUDE, CA
[72] NORDELL-MARKOVITS, ALEXEI, CA
[72] TODOSIC, ANDREJ, CA
[71] ELEMENT AI INC., CA
[85] 2021-03-26
[86] 2019-09-26 (PCT/CA2019/051373)
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[51] **Int.Cl. H04W 24/02 (2009.01)**
[25] EN
[54] **MEASUREMENT REPORTING FOR NETWORK MAINTENANCE METHODS AND SYSTEMS**
[54] **ETABLISSEMENT DE RAPPORTS DE MESURES POUR PROCEDES ET SYSTEMES DE MAINTENANCE DE RESEAU**
[72] SHA, XIUBIN, CN
[72] DAI, BO, CN
[72] LU, TING, CN
[72] LIU, XU, CN
[71] ZTE CORPORATION, CN
[85] 2021-03-26
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[51] **Int.Cl. E02F 9/08 (2006.01) B60R 19/52 (2006.01) E02F 3/76 (2006.01)**
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[54] **RADIATOR GUARD AND METHOD OF MAKING**
[54] **PROTECTION DE RADIATEUR ET PROCEDE DE FABRICATION**
[72] BEASLEY, CHRISTOPHER R., US
[72] SCHOLZ, KELLY A., US
[71] CATERPILLAR INC., US
[85] 2021-03-25
[86] 2019-09-27 (PCT/US2019/053366)
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[30] US (16/151,394) 2018-10-04

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[25] EN
[54] **METHOD AND SYSTEM FOR MANUFACTURING DENTAL RESTORATIONS**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE RESTAURATIONS DENTAIRES**
[72] COWBURN, GEORGE HOUSTON, CA
[72] COWBURN, STEVEN HARRISON, CA
[72] GODFREY, BENJAMIN LUKE, CA
[71] PERFIT DENTAL SOLUTIONS INC., CA
[85] 2021-03-26
[86] 2019-09-27 (PCT/CA2019/051392)
[87] (WO2020/061713)
[30] US (62/738,704) 2018-09-28

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[51] **Int.Cl. A61K 35/74 (2015.01) A61K 9/19 (2006.01) A61K 35/38 (2015.01)**
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[54] **COMPOSITIONS AND METHODS FOR TREATING EPILEPSY AND RELATED DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE L'EPILEPSIE ET DE TROUBLES APPARENTES**
[72] BORODY, THOMAS J., AU
[71] FINCH THERAPEUTICS HOLDINGS LLC, US
[85] 2021-03-25
[86] 2019-09-27 (PCT/US2019/053400)
[87] (WO2020/069280)
[30] US (62/737,477) 2018-09-27

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[51] **Int.Cl. C12Q 1/66 (2006.01) G01N 21/76 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR STABILIZING COELENTERAZINE AND ANALOGS AND DERIVATIVES THEREOF**
[54] **COMPOSITIONS ET PROCEDES DE STABILISATION DE LA COELENTERAZINE ET D'ANALOGUES ET DE DERIVES DE CELLE-CI**
[72] DART, MELANIE, US
[72] SMITH, THOMAS, US
[72] KIRKLAND, THOMAS, US
[72] MACHLEIDT, THOMAS, US
[72] WOOD, KEITH, US
[71] PROMEGA CORPORATION, US
[85] 2021-03-25
[86] 2019-10-03 (PCT/US2019/054501)
[87] (WO2020/072775)
[30] US (62/740,622) 2018-10-03
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[51] **Int.Cl. C12N 15/10 (2006.01) C12N 9/04 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR LACTATE DEHYDROGENASE (LDHA) GENE EDITING**
[54] **COMPOSITIONS ET METHODES POUR L'EDITION GENIQUE DE LA LACTATE DESHYDROGENASE (LDHA)**
[72] DYMEK, ZACHARY WILLIAM, US
[72] ODATE, SHOBU, US
[72] HUEBNER, ANETTE, US
[72] SRIDHAR, SRIJANI, US
[72] MURRAY, BRADLEY ANDREW, US
[72] STRAPPS, WALTER, US
[71] INTELLIA THERAPEUTICS, INC., US
[85] 2021-03-25
[86] 2019-09-27 (PCT/US2019/053423)
[87] (WO2020/069296)
[30] US (62/738,956) 2018-09-28
[30] US (62/834,334) 2019-04-15
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[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12N 5/077 (2010.01) C12N 5/0775 (2010.01)**
[25] EN
[54] **AMNIOTIC FLUID CELL-DERIVED EXTRACELLULAR MATRIX AND USES THEREOF**
[54] **MATRICE EXTRACELLULAIRE DERIVEE DE CELLULES DE LIQUIDE AMNIOTIQUE ET SES UTILISATIONS**
[72] BLOCK, TRAVIS, US
[72] GRIFFEY, EDWARD S., US
[72] NAVARRO, MARY, US
[71] STEMBIOSYS, INC., US
[85] 2021-03-25
[86] 2019-10-03 (PCT/US2019/054528)
[87] (WO2020/072791)
[30] US (62/740,817) 2018-10-03

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[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF REAL-TIME SIMULATION AND FORECASTING IN A FULLY-INTEGRATED HYDROLOGIC ENVIRONMENT**
[54] **PROCEDE ET SYSTEME DE SIMULATION ET DE PREVISION EN TEMPS REEL DANS UN ENVIRONNEMENT HYDROLOGIQUE ENTIEREMENT INTEGRE**
[72] FREY, STEVEN, CA
[72] STONEBRIDGE, GRAHAM, CA
[72] BERG, STEVEN, CA
[72] SUDICKY, EDWARD, CA
[71] AQUANTY INC., CA
[85] 2021-03-26
[86] 2019-09-30 (PCT/CA2019/051398)
[87] (WO2020/061716)
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[51] **Int.Cl. G01N 27/404 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **DETERMINATION OF SENSOR OPERATIONAL STATUS VIA SENSOR INTERROGATION**
[54] **DETERMINATION D'ETAT DE FONCTIONNEMENT DE CAPTEUR PAR INTERROGATION DE CAPTEUR**
[72] BROWN, MICHAEL ALVIN, US
[72] DAVIS, BRIAN KEITH, US
[71] MSA TECHNOLOGY, LLC, US
[85] 2021-03-25
[86] 2019-09-27 (PCT/US2019/053458)
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[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/04 (2006.01) A61F 5/37 (2006.01)**
[25] EN
[54] **DYNAMIC ADJUSTABLE SHOULDER ORTHOSIS WITH REHABILITATION BY ADDUCTION**
[54] **ORTHESE D'EPAULE REGLABLE DYNAMIQUE AVEC REEDUCATION PAR ADDUCTION**
[72] BLEAU, JACINTE, CA
[72] BEGON, MICKAEL, CA
[72] NOBERT, SERGE, CA
[72] DUSSAULT, MARC-ANDRE, CA
[72] BEAUPRE-LAFLAMME, RAPHAEL, CA
[72] TETRAULT, PATRICE, CA
[72] RUEL, JEAN-CHRISTOPHE, CA
[71] 2330-2029 QUEBEC INC., CA
[85] 2021-03-26
[86] 2019-10-03 (PCT/CA2019/051420)
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[30] CA (3,020,566) 2018-10-12

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[25] EN
[54] **HYBRID ROBOTIC PICKING DEVICE**
[54] **DISPOSITIF DE PREHENSION ROBOTIQUE HYBRIDE**
[72] PAYTON, NICHOLAS, US
[72] ODHNER, LAEL, US
[72] DINGLE, PATRICK, US
[71] RIGHTHAND ROBOTICS, INC., US
[85] 2021-03-25
[86] 2019-10-03 (PCT/US2019/054558)
[87] (WO2020/072813)
[30] US (62/740,763) 2018-10-03
[30] US (62/818,363) 2019-03-14

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[25] EN
[54] **INJECTION MOLD SYSTEM AND METHOD FOR INJECTION MOLDING**
[54] **SYSTEME DE MOULE D'INJECTION ET PROCEDE DE MOULAGE PAR INJECTION**
[72] MIRE, CHARLES, CA
[72] FINKLE, ANDREW, CA
[72] SMALE, TREVOR, CA
[71] STRUCTUR3D PRINTING INCORPORATED, CA
[85] 2021-03-26
[86] 2019-10-09 (PCT/CA2019/051440)
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[30] US (62/743,754) 2018-10-10

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[51] **Int.Cl. A61K 31/422 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **BIPHENYL SULFONAMIDE COMPOUNDS FOR THE TREATMENT OF TYPE IV COLLAGEN DISEASES**
[54] **COMPOSES BIPHENYL-SULFONAMIDE DESTINES AU TRAITEMENT DE MALADIES DU COLLAGENE DE TYPE IV**
[72] KOMERS, RADKO, US
[72] JENKINSON, CELIA, US
[71] TRAVERE THERAPEUTICS, INC., US
[85] 2021-03-25
[86] 2019-10-03 (PCT/US2019/054559)
[87] (WO2020/072814)
[30] US (62/741,270) 2018-10-04
[30] US (62/853,904) 2019-05-29
[30] US (62/894,559) 2019-08-30

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/127 (2006.01) A61K 31/7088 (2006.01) C07C 211/00 (2006.01) C07C 219/00 (2006.01) C07D 295/15 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **BIODEGRADABLE LIPIDS FOR THE DELIVERY OF ACTIVE AGENTS**
[54] **LIPIDES BIODEGRADABLES POUR L'ADMINISTRATION D'AGENTS ACTIFS**
[72] JAYARAMAN, MUTHUSAMY, US
[72] HE, GUO, US
[72] MAIER, MARTIN, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2021-03-25
[86] 2019-09-27 (PCT/US2019/053617)
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[30] US (62/739,548) 2018-10-01

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[25] EN
[54] **MODULAR FOIL SYSTEM FOR TOWED MARINE ARRAY**
[54] **SYSTEME DE FOILS MODULAIRE POUR RESEAU MARIN REMORQUE**
[72] MARTIN, DANIEL GEORGE, CA
[71] GX TECHNOLOGY CANADA LTD., CA
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[72] FORMAN-GORNALL, JOSH, GB
[71] PERMUTIVE LIMITED, GB
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[72] MULLER, JAMES J., US
[72] PARKER, WINTON, US
[72] GRANT, ALLYSA, US
[72] CARLTON, TRISTIN J., US
[72] WORKMAN, NICHOLAS, US
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[72] CHEU, JESSICA K. Y., US
[72] DUBE, LORENZO M., US
[72] OPORTO, PEDRO D., US
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[71] WORCESTER POLYTECHNIC INSTITUTE, US
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[54] **DISPOSITIFS IMPLANTABLES POUR THERAPIE CELLULAIRE ET PROCEDES ASSOCIES**
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[72] MILLER, ROBERT JAMES, US
[72] OBERLI, MATTHIAS ALEXANDER, US
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[54] **CATALYSEUR D'OXYDE METALLIQUE MIXTE AMELIORE UTILE POUR LA DESHYDROGENATION DE PARAFFINE**
[72] MUKHERJEE, MITRAJIT, US
[72] VADHRI, VAMSI M., US
[72] JOSHI, NARENDRA, US
[72] BROCK, GRACE, US
[72] KRISHNAIAH, GAUTHAM, US
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[72] MAHR, NILS, DE
[72] MAIER, MICHAEL, DE
[72] POSTU, ALIN, DE
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[72] SRIDI-CONVERS, NAWRES, FR
[72] BAILLY, ERIC, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
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[54] **POLYPEPTIDES RECOMBINANTS COMPRENANT DES DOMAINES DR.ALPHA.1 DE CLASSE II DU CMH MODIFIES ET PROCEDES D'UTILISATION**
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[72] OFFNER, HALINA, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
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[72] SONG, YANG, CN
[71] VIVO MOBILE COMMUNICATION CO., LTD., CN
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[72] CHEN, LEI, CN
[72] WANG, XUELONG, CN
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[72] HU, JING, CN
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[71] XLIFESC, LTD., CN
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[54] **PROCEDE, SYSTEME ET DISPOSITIF DE MESURE DE VOLUME, ET SUPPORT D'INFORMATIONS LISIBLE PAR ORDINATEUR**
[72] LIU, HUIQUAN, CN
[71] SF TECHNOLOGY CO., LTD., CN
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[72] MARIETTA, ERIC V., US
[72] JAYARAMAN, VASANTH, US
[72] KRISHNA, KARTHIK, US
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[72] HARRISON, ROBERT MARK, US
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[54] **REVETEMENT POUR CATHETER EXPANSIBLE INTRALUMINAL PERMETTANT UN TRANSFERT PAR CONTACT DE MICRORESERVOIRS DE MEDICAMENT**
[72] AHLERING, MICHAEL THOMAS, CH
[72] YAMAMOTO, RONALD KENICHI, CH
[72] ELICKER, ROBERT JOHN (DECEASED), CH
[72] NGUYEN, TIEN THUY, CH
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[72] ZOETHOUT, JELLE JURJEN, CH
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[72] LASKOWITZ, DANIEL T., US
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[72] LU, ZHAOHUA, CN
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[72] CHEN, YIJIAN, CN
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[54] **PROCEDE BASE SUR UN SEQUENCAGE DE SECONDE GENERATION POUR LA DETECTION DE LA STABILITE DES MICROSATELLITES ET DE MODIFICATIONS DU GENOME GRACE AU PLASMA**
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[72] LIU, CHENGLIN, CN
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[72] LI, SHENJUN, CN
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[72] YANG, YONGHUA, US
[72] FOLEY, PATRICK, US
[71] P2 SCIENCE, INC., US
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[54] **SOUCHE POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES METABOLIQUES ET UTILISATION ASSOCIEE**
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[72] MA, XIN, CN
[72] WANG, WEIQING, CN
[72] YU, HONGJING, CN
[72] HONG, JIE, CN
[72] SUN, NINGYUN, CN
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[72] YIN, PEIJUN, CN
[72] LIU, RUIXIN, CN
[72] GAO, YUAN, CN
[72] WANG, SHASHA, CN
[71] SPH SINE PHARMACEUTICAL LABORATORIES CO., LTD, CN
[71] SHANGHAI INSTITUTE OF ENDOCRINE AND METABOLIC DISEASES, CN
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[54] **COMPOSITIONS PRESENTANT UN DEPOT AMELIORE D'AGENTS ANTIPELLICULAIRES SOLUBLES DANS UN TENSIOACTIF**
[72] JAMADAGNI, SUMANTH NARAHARI, US
[72] BREYFOGLE, LAURIE ELLEN, US
[72] CUSTER, DANIEL LAWRENCE, US
[72] JOHNSON, ERIC SCOTT, US
[72] CHANG, DEBORA W., US
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[54] **CONJUGUE ANTICORPS ANTI-B7H3-ANALOGUE D'EXATECAN ET UTILISATION MEDICALE ASSOCIEE**
[72] YING, HUA, CN
[72] ZHANG, LING, CN
[72] ZHANG, TING, CN
[72] ZHANG, LEI, CN
[72] XU, JIANYAN, CN
[72] TAO, WEIKANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
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[71] RACIONAL ENERGY & ENVIRONMENT COMPANY, US
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[87] (WO2020/092186)
[30] US (16/174,327) 2018-10-30

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD EXECUTED BY USER EQUIPMENT AND USER EQUIPMENT**
[54] **PROCEDE EXECUTE PAR UN EQUIPEMENT UTILISATEUR ET EQUIPEMENT UTILISATEUR**
[72] ZHAO, YINAN, CN
[72] LIU, RENMAO, CN
[72] YAMADA, SHOHEI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[85] 2021-03-26
[86] 2019-09-26 (PCT/CN2019/108157)
[87] (WO2020/063747)
[30] CN (201811145154.4) 2018-09-28

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[13] A1
[51] **Int.Cl. A23L 17/30 (2016.01) A23B 4/027 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE PRODUCTION OF CAVIAR OR A CAVIAR-LIKE PRODUCT FROM LIVE, MATURE EGGS OF FISH OR CRUSTACEANS, AND SUCH PRODUCTS**
[54] **PROCEDE SERVANT A LA PRODUCTION DE CAVIAR OU D'UN PRODUIT SIMILAIRE AU CAVIAR A PARTIR D'OEUFS VIVANTS MATURES DE POISSONS OU DE CRUSTACES, ET PRODUITS CORRESPONDANTS**
[72] KOHLER-GUNTHER, ANGELA, DE
[71] ALFRED-WEGENER-INSTITUT, HELMHOLTZ-ZENTRUM FUR POLAR-UND MEERESFORSCHUNG, DE
[85] 2021-03-26
[86] 2019-11-20 (PCT/DE2019/100993)
[87] (WO2020/125848)
[30] DE (10 2018 132 386.7) 2018-12-17
[30] EP (18212833.0) 2018-12-17
[30] US (62/780,356) 2018-12-17

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) G06T 7/12 (2017.01) G06T 7/149 (2017.01) G06T 7/62 (2017.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC SHAPE QUANTIFICATION OF AN OPTIC NERVE HEAD**
[54] **PROCEDE DE QUANTIFICATION DE FORME AUTOMATIQUE D'UNE TETE DE NERF OPTIQUE**
[72] BRANDT, ALEXANDER, DE
[72] KADAS, ELLA MARIA, DE
[72] YADAV, SUNIL KUMAR, DE
[72] MOTAMEDI, SEYEDAMIRHOSEIN, DE
[72] PAUL, FRIEDEMANN, DE
[71] CHARITE-UNIVERSITATSMEDIZIN BERLIN, DE
[85] 2021-03-26
[86] 2019-10-04 (PCT/EP2019/076935)
[87] (WO2020/070294)
[30] EP (18198717.3) 2018-10-04

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[13] A1
[51] **Int.Cl. B65G 45/12 (2006.01) G01B 5/24 (2006.01)**
[25] EN
[54] **BELT SCRAPER AND METHOD FOR OPERATING A BELT SCRAPER**
[54] **RACLEUR DE COURROIE ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN RACLEUR DE COURROIE**
[72] WEIMANN, CLAUS, DE
[72] KIEL, MARTIN, DE
[71] HOSCH FORDERTECHNIK GMBH, DE
[85] 2021-03-26
[86] 2019-09-16 (PCT/EP2019/074729)
[87] (WO2020/064405)
[30] DE (10 2018 123 799.5) 2018-09-26

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[13] A1
[51] **Int.Cl. E21B 29/06 (2006.01) E21B 7/04 (2006.01) E21B 29/08 (2006.01) E21B 34/06 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A WELL**
[54] **PROCEDE DE REGULATION D'UN PUITS**
[72] ROSS, SHAUN COMPTON, GB
[72] JARVIS, LESLIE DAVID, GB
[71] METROL TECHNOLOGY LIMITED, GB
[85] 2021-03-26
[86] 2018-09-18 (PCT/GB2018/052658)
[87] (WO2019/063972)
[30] GB (1715584.7) 2017-09-26

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[13] A1
[51] **Int.Cl. B32B 27/32 (2006.01) B32B 27/18 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **RECYCLABLE PE PACKAGING FILM WITH IMPROVED STIFFNESS**
[54] **FILM D'EMBALLAGE A BASE DE POLYETHYLENE RECYCLABLE DOTE D'UNE RIGIDITE AMELIOREE**
[72] GREFENSTEIN, ACHIM, DE
[72] SHAH, PRAGNESH, IN
[72] JHA, SAKET, IN
[71] CONSTANTIA PIRK GMBH & CO. KG, DE
[85] 2021-03-26
[86] 2019-10-11 (PCT/EP2019/077561)
[87] (WO2020/074688)
[30] IN (201811038930) 2018-10-13

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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01) A61K 31/437 (2006.01) A61P 33/00 (2006.01) C07D 471/14 (2006.01)**
[25] EN
[54] **TRICYCLIC PESTICIDAL COMPOUNDS**
[54] **COMPOSES PESTICIDES TRICYCLIQUES**
[72] VON DEYN, WOLFGANG, DE
[72] SHAIKH, RIZWAN SHABBIR, IN
[72] VYAS, DEVENDRA, US
[72] NARINE, ARUN, DE
[72] KUZMINA, OLESYA, DE
[71] BASF SE, DE
[85] 2021-03-26
[86] 2019-10-11 (PCT/EP2019/077562)
[87] (WO2020/083662)
[30] EP (18202072.7) 2018-10-23

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[13] A1
[51] **Int.Cl. C01B 3/06 (2006.01) C08G 77/00 (2006.01)**
[25] EN
[54] **CATALYSED PROCESS OF PRODUCTION OF HYDROGEN FROM SILYLATED DERIVATIVES AS HYDROGEN CARRIER COMPOUNDS**
[54] **PROCEDE CATALYSE DE PRODUCTION D'HYDROGENE A PARTIR DE DERIVES SILYLES EN TANT QUE PORTEURS D'HYDROGENE**
[72] BURCHER, BENJAMIN, FR
[72] LOME, VINCENT, FR
[72] BENOIT, REMY, FR
[71] HYSILABS SAS, FR
[85] 2021-03-26
[86] 2019-10-31 (PCT/EP2019/079909)
[87] (WO2020/108913)
[30] EP (18306578.8) 2018-11-28

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[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01) B65D 5/66 (2006.01)**
[25] EN
[54] **CONTAINER FOR CONSUMER GOODS**
[54] **CONTENANT POUR BIENS DE CONSOMMATION**
[72] COLLINS, TIMOTHY, GB
[71] JT INTERNATIONAL S.A., CH
[85] 2021-03-26
[86] 2019-11-20 (PCT/EP2019/081975)
[87] (WO2020/109113)
[30] EP (18208562.1) 2018-11-27

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/00 (2006.01) A61K 31/517 (2006.01) A61K 31/55 (2006.01)**
[25] EN
[54] **IMIPRAMINE FOR USE AS AN INHIBITOR OF FASCIN1 OVEREXPRESSION**
[54] **IMIPRAMINE DESTINEE A ETRE UTILISEE EN TANT QU'INHIBITEUR DE LA SUREXPRESSION DE LA FASCINE 1**
[72] CONESA ZAMORA, PABLO, ES
[72] PEREZ SANCHEZ, HORACIO, ES
[72] LUQUE FERNANDEZ, IRENE, ES
[72] MONTORO GARCIA, SILVIA, ES
[72] ALBURQUERQUE GONZALEZ, BEGONA, ES
[72] CAMPIONI RODRIGUES, PRISCILA, BR
[72] GARCIA SOLANO, JOSE, ES
[72] BERNABE GARCIA, ANGEL, ES
[72] NICOLAS VILLAESCUSA, FRANCISCO JOSE, ES
[72] BERNABE GARCIA, MANUEL, ES
[72] CAYUELA FUENTES, MARIA LUISA, ES
[72] RUIZ SANZ, JAVIER, ES
[72] MARTINEZ HERRERIAS, JOSE CRISTOBAL, ES
[72] SALO, TUULA, FI
[71] FUNDACION UNIVERSITARIA SAN ANTONIO, ES
[71] FUNDACION PARA LA FORMACION E INVESTIGACION SANITARIAS, ES
[71] UNIVERSIDAD DE GRANADA, ES
[85] 2021-03-26
[86] 2019-09-22 (PCT/ES2019/070631)
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[30] EP (18382696.5) 2018-09-28

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[51] **Int.Cl. A61K 31/175 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) A61K 31/404 (2006.01) A61K 45/06 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01) C07C 245/00 (2006.01) C07D 307/00 (2006.01) C07D 333/00 (2006.01)**
[25] EN
[54] **ACYLHYDRAZONES FOR THE TREATMENT OF NEUROLOGICAL DISEASES**
[54] **ACYLHYDRAZONES POUR LE TRAITEMENT DE MALADIES NEUROLOGIQUES**
[72] PEREZ FERNANDEZ, RUTH, ES
[72] CANAL MARTIN, ANDREA, ES
[72] SANCHEZ BARRENA, MARIA JOSE, ES
[72] MANSILLA APARICIO, ALICIA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO RAMON Y CAJAL, ES
[85] 2021-03-26
[86] 2019-09-27 (PCT/ES2019/070649)
[87] (WO2020/065119)
[30] ES (P201830933) 2018-09-27
[30] EP (19382242.6) 2019-04-02

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[13] A1
[51] **Int.Cl. H01M 4/58 (2010.01) H01M 10/052 (2010.01) H01M 10/0566 (2010.01) H01M 4/36 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE SUBSTANCE, POSITIVE ELECTRODE, AND SECONDARY BATTERY**
[54] **SUBSTANCE ELECTROCONDUCTRICE, ELECTRODE POSITIVE ET BATTERIE SECONDAIRE**
[72] ASSRESAHEGN DESALEGN, BIRHANU, CA
[72] GENDRON, FREDERIC, CA
[72] ZAGHIB, KARIM, CA
[72] ASAKAWA, YUICHIRO, JP
[72] TSUIKI, HIROFUMI, JP
[72] UENO, HIROSHI, JP
[71] MURATA MANUFACTURING CO., LTD, JP
[71] HYDRO-QUEBEC, CA
[85] 2021-03-26
[86] 2018-09-27 (PCT/JP2018/035974)
[87] (WO2020/065832)

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 34/06 (2006.01)**
[25] EN
[54] **A WELL IN A GEOLOGICAL STRUCTURE**
[54] **PUITS DANS UNE STRUCTURE GEOLOGIQUE**
[72] ROSS, SHAUN COMPTON, GB
[72] JARVIS, LESLIE DAVID, GB
[71] METROL TECHNOLOGY LIMITED, GB
[85] 2021-03-26
[86] 2018-09-18 (PCT/GB2018/052659)
[87] (WO2019/063973)
[30] GB (1715585.4) 2017-09-26

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **BASE STATION APPARATUS, TERMINAL APPARATUS AND COMMUNICATION METHOD**
[54] **DISPOSITIF DE STATION DE BASE, EQUIPEMENT UTILISATEUR ET PROCEDE DE COMMUNICATION**
[72] LIU, LIQING, JP
[72] YAMADA, SHOHEI, JP
[72] TAKAHASHI, HIROKI, JP
[72] HOSHINO, MASAYUKI, JP
[72] TSUBOI, HIDEKAZU, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[85] 2021-03-26
[86] 2019-09-27 (PCT/JP2019/038127)
[87] (WO2020/067416)
[30] JP (2018-181504) 2018-09-27

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **A WELL WITH TWO CASINGS**
[54] **PUITS DOTE DE DEUX TUBAGES**
[72] ROSS, SHAUN COMPTON, GB
[72] JARVIS, LESLIE DAVID, GB
[71] METROL TECHNOLOGY LIMITED, GB
[85] 2021-03-26
[86] 2018-09-18 (PCT/GB2018/052660)
[87] (WO2019/063974)
[30] GB (1715586.2) 2017-09-26

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[13] A1
[51] **Int.Cl. H01M 10/052 (2010.01) H01M 4/485 (2010.01) H01M 10/0566 (2010.01) H01M 4/36 (2006.01) H01M 4/48 (2010.01) H01M 4/58 (2010.01)**
[25] EN
[54] **SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE**
[72] TSUIKI, HIROFUMI, JP
[72] ASAKAWA, YUICHIRO, JP
[72] UENO, HIROSHI, JP
[72] ASSRESAHEGN DESALEGN, BIRHANU, CA
[72] GENDRON, FREDERIC, CA
[72] ZAGHIB, KARIM, CA
[71] MURATA MANUFACTURING CO., LTD, JP
[71] HYDRO-QUEBEC, CA
[85] 2021-03-26
[86] 2018-09-27 (PCT/JP2018/035975)
[87] (WO2020/065833)

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[13] A1
[51] **Int.Cl. E04B 1/346 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE TRANSMISSION OF LIQUIDS IN A ROTATABLE BUILDING**
[54] **SYSTEME DESTINE A LA TRANSMISSION DE LIQUIDES DANS UN BATIMENT ROTATIF**
[72] MERCOLINI, LORENZO, IT
[71] LM TECH S.R.L., IT
[85] 2021-03-26
[86] 2018-10-01 (PCT/IB2018/057609)
[87] (WO2020/070537)

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[13] A1
[51] **Int.Cl. H01M 10/0567 (2010.01) H01M 4/485 (2010.01) H01M 10/052 (2010.01) H01M 4/48 (2010.01) H01M 4/58 (2010.01)**
[25] EN
[54] **ELECTROLYTE SOLUTION FOR LITHIUM-ION SECONDARY BATTERY AND LITHIUM-ION SECONDARY BATTERY**
[54] **ELECTROLYTE POUR BATTERIE SECONDAIRE AU LITHIUM-ION ET BATTERIE SECONDAIRE AU LITHIUM-ION**
[72] ASAKAWA, YUICHIRO, JP
[72] UENO, HIROSHI, JP
[72] UESAKA, SHINICHI, JP
[72] DAIGLE, JEAN-CHRISTOPHE, CA
[72] BEAUPRE, MELANIE, CA
[72] ZAGHIB, KARIM, CA
[71] MURATA MANUFACTURING CO., LTD, JP
[71] HYDRO-QUEBEC, CA
[85] 2021-03-26
[86] 2018-09-27 (PCT/JP2018/035976)
[87] (WO2020/065834)

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[13] A1
[51] **Int.Cl. G16H 40/20 (2018.01) A61J 7/04 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE AND PROGRAM**
[54] **DISPOSITIF ET PROGRAMME DE TRAITEMENT D'INFORMATIONS**
[72] TAKAYAMA, MASAAKI, JP
[71] TAKAYAMA, MASAAKI, JP
[85] 2021-03-26
[86] 2019-09-27 (PCT/JP2019/038316)
[87] (WO2020/067490)
[30] JP (2018-185869) 2018-09-28

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 48/10 (2009.01)**
[25] EN
[54] **USER TERMINAL**
[54] **TERMINAL UTILISATEUR**
[72] TAKAHASHI, HIDEAKI, JP
[72] TAKEDA, KAZUKI, JP
[72] HARADA, HIROKI, JP
[71] NTT DOCOMO, INC., JP
[85] 2021-03-26
[86] 2018-09-27 (PCT/JP2018/036077)
[87] (WO2020/065862)

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[13] A1
[51] **Int.Cl. C12N 5/077 (2010.01) A61K 35/28 (2015.01) A61K 38/17 (2006.01) A61K 38/18 (2006.01) A61K 38/19 (2006.01) A61K 38/20 (2006.01) A61P 9/10 (2006.01) A61P 29/00 (2006.01) C07C 251/86 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **ADDITIVE FOR MEDIUM FOR PROMOTING PRODUCTION OF PARACRINE FACTOR**
[54] **ADDITIF POUR MILIEU DESTINE A FAVORISER LA PRODUCTION DE FACTEUR PARACRINE**
[72] ANNO, SHIHO, JP
[72] FUKAZAWA, NATSUKI, JP
[72] NISHINO, TAITO, JP
[71] NISSAN CHEMICAL CORPORATION, JP
[85] 2021-03-26
[86] 2019-09-27 (PCT/JP2019/038267)
[87] (WO2020/067477)
[30] JP (2018-185799) 2018-09-28

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[13] A1
[51] **Int.Cl. B01J 32/00 (2006.01) C01B 32/15 (2017.01) B01J 21/18 (2006.01) B01J 23/42 (2006.01) B01J 35/10 (2006.01) B01J 37/06 (2006.01) B01J 37/08 (2006.01) H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **CARBON MATERIAL FOR CATALYST CARRIER OF POLYMER ELECTROLYTE FUEL CELL AND METHOD OF PRODUCING THE SAME**
[54] **MATERIAU CARBONE DESTINE A UN SUPPORT DE CATALYSEUR DE PILE A COMBUSTIBLE A POLYMERE SOLIDE ET SON PROCEDE DE FABRICATION**
[72] IIJIMA, TAKASHI, JP
[72] TADOKORO, KENICHIRO, JP
[72] HIYOSHI, MASATAKA, JP
[72] FURUKAWA, SHINYA, JP
[72] KOMURA, TOMOKO, JP
[72] MASAKI, KAZUYOSHI, JP
[72] HAYASHIDA, HIROYUKI, JP
[72] TADA, WAKANA, JP
[71] NIPPON STEEL CHEMICAL & MATERIAL CO., LTD., JP
[85] 2021-03-26
[86] 2018-09-28 (PCT/JP2018/036548)
[87] (WO2020/066010)

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ANTI-CD40 BINDING MOLECULES HAVING ENGINEERED FC DOMAINS AND THERAPEUTIC USES THEREOF**
[54] **MOLECULES DE LIAISON ANTI-CD40 AYANT DES DOMAINES FC MODIFIES ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] WANG, JIEYI, US
[72] WU, YI, CN
[71] LYVGEN BIOPHARMA CO., LTD., CN
[71] LYVGEN BIOPHARMA (SUZHOU) CO., LTD., CN
[85] 2021-03-26
[86] 2019-09-27 (PCT/IB2019/001135)
[87] (WO2020/065409)
[30] CN (PCT/CN2018/010828) 2018-09-28

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[13] A1
[51] **Int.Cl. B23K 11/11 (2006.01) B23K 20/12 (2006.01)**
[25] EN
[54] **RESISTANCE WELDING DEVICE, HOLLOW ARM, AND METHOD OF MANUFACTURING HOLLOW ARM**
[54] **DISPOSITIF DE SOUDAGE PAR RESISTANCE, BRAS CREUX ET PROCEDE DE FABRICATION DE BRAS CREUX**
[72] TERAGAITO, YOHEI, JP
[72] OTAKE, YOSHITO, JP
[72] FURUNO, TAKUYA, JP
[72] HINO, TAKUYA, JP
[72] MIYAOKA, NORIYOSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2021-03-26
[86] 2019-09-17 (PCT/JP2019/036371)
[87] (WO2020/066747)
[30] JP (2018-181610) 2018-09-27

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **USER TERMINAL AND BASE STATION**
[54] **TERMINAL UTILISATEUR, ET STATION DE BASE**
[72] TAKAHASHI, HIDEAKI, JP
[72] TAKEDA, KAZUKI, JP
[72] HARADA, HIROKI, JP
[71] NTT DOCOMO, INC., JP
[85] 2021-03-26
[86] 2018-09-28 (PCT/JP2018/036569)
[87] (WO2020/066013)

[21] **3,114,570**
[13] A1
[51] **Int.Cl. H01M 10/052 (2010.01) H01M 10/0585 (2010.01) H01M 10/613 (2014.01) H01M 10/617 (2014.01) H01M 10/647 (2014.01) H01M 10/6553 (2014.01)**
[25] EN
[54] **NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX**
[72] MATSUHASHI, NOZOMI, JP
[72] KON, NORIHIRO, JP
[71] THE FURUKAWA BATTERY CO., LTD., NP
[85] 2021-03-26
[86] 2020-02-17 (PCT/JP2020/006096)
[87] (WO2021/009957)
[30] JP (2019-130270) 2019-07-12

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[13] A1
[51] **Int.Cl. C07K 1/02 (2006.01) C40B 40/10 (2006.01) C40B 50/08 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING A PLURALITY OF POLYPEPTIDE VARIANTS SUITABLE FOR BIOLOGICAL ANALYSIS**
[54] **PROCEDES DE PRODUCTION D'UNE PLURALITE DE VARIANTS POLYPEPTIDIQUES APPROPRIES POUR UNE ANALYSE BIOLOGIQUE**
[72] HARTLEY, OLIVER, CH
[72] PAOLINI-BERTRAND, MARIANNE, FR
[71] UNIVERSITE DE GENEVE, CH
[85] 2021-03-26
[86] 2019-09-25 (PCT/IB2019/058129)
[87] (WO2020/070587)
[30] US (62/739,555) 2018-10-01

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[13] A1
[51] **Int.Cl. G10L 15/06 (2013.01) G06N 99/00 (2019.01) G10L 15/193 (2013.01) G10L 15/02 (2006.01) G10L 15/18 (2013.01)**
[25] EN
[54] **CONVERSATIONAL AGENT PIPELINE TRAINED ON SYNTHETIC DATA**
[54] **PIPELINE D'AGENT CONVERSATIONNEL FORME SUR DES DONNEES SYNTHETIQUES**
[72] AREL, ITAMAR, US
[72] LOOKS, JOSHUA BENJAMIN, US
[72] ZIAEI, ALI, US
[72] LEFKOWITZ, MICHAEL, US
[71] APPRENTE LLC, US
[85] 2021-03-26
[86] 2019-09-24 (PCT/US2019/052648)
[87] (WO2020/068790)
[30] US (16/146,924) 2018-09-28

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SURGICAL SYSTEMS AND METHODS THEREOF**
[54] **SYSTEMES CHIRURGICAUX ET METHODES ASSOCIEES**
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[71] FILICIOTTO, SAM, US
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[54] **APPARATUS TO PREVENT SIDE LOAD IN HYDRAULIC OVERRIDE PUMPS**
[54] **APPAREIL POUR EMPECHER UNE CHARGE LATERALE DANS DES POMPES DE PRIORITE HYDRAULIQUES**
[72] SUN, JOSEPH, US
[72] CHRISTOPHERSON, MATT, US
[72] SCHREUDER, EDWIN, NL
[71] EMERSON PROCESS MANAGEMENT VALVE AUTOMATION, INC., US
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[54] **METHOD AND SYSTEM OF PRECONDITIONING TRANSMITTED SIGNALS**
[54] **PROCEDE ET SYSTEME DE PRECONDITIONNEMENT DE SIGNAUX TRANSMIS**
[72] BABICH, KEVIN J., US
[71] SKYWAVE NETWORKS LLC, US
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[54] **HANDLING SIGNALS RECEIVED ON PATHS WITH DIFFERING NUMBERS OF HOPS**
[54] **TRAITEMENT DE SIGNAUX RECUS SUR DES TRAJETS COMPORTANT DES NOMBRES DE SAUTS DIFFERENTS**
[72] BABICH, KEVIN J., US
[71] SKYWAVE NETWORKS LLC, US
[85] 2021-03-26
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[54] **HEAD WEARABLE DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES POUVANT ETRE PORTES SUR LA TETE**
[72] POGGIO, FRANK THOMAS, US
[72] PRATS, JAIME LUIS, US
[71] INTEGRA LIFESCIENCES CORPORATION, US
[85] 2021-03-26
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[54] **HEAD WEARABLE DEVICES AND METHODS**
[54] **DISPOSITIFS POUVANT ETRE PORTES SUR LA TETE ET PROCEDES**
[72] NEELEY, BRIAN, US
[72] FALENDYSZ, GREG, US
[72] DIETER, STEVE, US
[72] HREN, PARKER, US
[72] HIGBEE, NICK, US
[72] STRUBBE, CHARLES DAVID, US
[71] INTEGRA LIFESCIENCES CORPORATION, US
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[54] **TECHNIQUE FOR SELECTING THE BEST FREQUENCY FOR TRANSMISSION BASED ON CHANGING ATMOSPHERIC CONDITIONS**
[54] **TECHNIQUE DE SELECTION DE LA MEILLEURE FREQUENCE POUR UNE TRANSMISSION BASEE SUR DES CONDITIONS ATMOSPHERIQUES CHANGEANTES**
[72] BABICH, KEVIN J., US
[71] SKYWAVE NETWORKS LLC, US
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[54] **AUTOMATED EVALUATION OF SPERM MORPHOLOGY**
[54] **EVALUATION AUTOMATISEE DE LA MORPHOLOGIE DES SPERMATOZOIDES**
[72] SHAFIEE, HADI, US
[72] KANAKASABAPATHY, MANOJ KUMAR, US
[72] THIRUMALARAJU, PRUDHVI, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2021-03-26
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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
[85] 2021-03-26
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[54] **SURFACE CLEANING APPARATUS ILLUMINATION SYSTEM**
[54] **APPAREIL D'ECLAIRAGE D'APPAREIL DE NETTOYAGE DE SURFACE**
[72] THORNE, JASON B., US
[72] BROWN, ANDRE D., US
[72] XU, KAI, CN
[71] SHARKNINJA OPERATING LLC, US
[85] 2021-03-26
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[54] **ELECTRONICS HOUSING WITH THERMAL FLUID DETECTION**
[54] **BOITIER ELECTRONIQUE AVEC DETECTION DE FLUIDE THERMIQUE**
[72] HOLMSTADT, CLARENCE E., US
[71] ROSEMOUNT INC, US
[85] 2021-03-26
[86] 2019-09-25 (PCT/US2019/052901)
[87] (WO2020/068941)
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[51] **Int.Cl. C08L 97/00 (2006.01)**
[25] EN
[54] **POLYMER BLEND COMPOSITIONS AND DEGRADABLE EXTRUDED NETTING MADE THEREFROM**
[54] **COMPOSITIONS DE MELANGE POLYMERE ET FILET EXTRUDE DEGRADABLE FABRIQUE A PARTIR DE CELLES-CI**
[72] KIRK, JEFFREY DAVID, US
[72] THOEN, ANDREW JOHN, US
[71] SWM LUXEMBOURG SARL, LU
[85] 2021-03-26
[86] 2019-10-02 (PCT/US2019/054215)
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[54] **HOOD FOR EXTRACTING FUMES**
[54] **HOTTE POUR EXTRACTION DE FUMEES**
[72] CIMARRA, MAURIZIO, IT
[72] GIGLIONI, CRISTIANA, IT
[72] DONATI, LUCA, IT
[71] ELICA S.P.A, IT
[85] 2021-03-26
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[54] **BENZIMIDAZOLE DERIVATIVE FOR USE IN THE TREATMENT OF INFLAMMATORY DISORDERS**
[54] **DERIVE BENZIMIDAZOLE DESTINE A ETRE UTILISE DANS LE TRAITEMENT DE TROUBLES INFLAMMATOIRES**
[72] RABINOWITZ, MICHAEL, US
[72] VENKATESAN, HARIHARAN, BE
[72] ROSEN, MARK D., US
[71] AKEBIA THERAPEUTICS, INC., US
[71] JANSSEN PHARMACEUTICA, NV, BE
[85] 2021-03-26
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[54] **METHODS, DEVICES, KITS AND COMPOSITIONS FOR DETECTING TAPEWORM**
[54] **PROCEDES, DISPOSITIFS, KITS ET COMPOSITIONS POUR DETECTER UN TENIA**
[72] GENG, JINMING, US
[72] ELSEMORE, DAVID ALLEN, US
[71] IDEXX LABORATORIES, INC., US
[85] 2021-03-26
[86] 2019-10-02 (PCT/US2019/054317)
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[54] **SYSTEME DE SURVEILLANCE POUR LE SUIVI DE VEHICULES**
[72] GHARB, SAMY, CH
[71] GHARB, SAMY, CH
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[54] **BUOYANT MECHANICAL LIQUID LEVEL CONTROL**
[54] **REGULATION DE NIVEAU DE LIQUIDE PAR VOIE MECANIQUE ET FLOTTANTE**
[72] BEAMAN, TYSON, US
[72] BEAMAN, GARRET, US
[72] VORWALLER, JOHN, US
[72] THOMAS, TYLER, US
[71] OVIVO INC., CA
[85] 2021-03-26
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[87] (WO2020/069457)
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[51] **Int.Cl. H01R 39/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING THE STATUS OF ONE OR MORE COMPONENTS OF AN ELECTRICAL MACHINE**
[54] **SYSTEME ET PROCEDE POUR SURVEILLER L'ETAT D'UN OU PLUSIEURS COMPOSANT(S) D'UNE MACHINE ELECTRIQUE**
[72] CUTSFORTH, ROBERT S., US
[72] CUTSFORTH, DUSTIN L., US
[72] BRUEY, DOUGLAS CHRISTOPHER, US
[72] SCHAAF, MICHAEL LEE, US
[72] HARRISON, DAVID WILLIAM DRURY, US
[71] CUTSFORTH, INC., US
[85] 2021-03-26
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[51] **Int.Cl. B62D 55/14 (2006.01) B62D 55/20 (2006.01)**
[25] EN
[54] **SPALLING RESISTANT TRACK LINK AND ROLLER INTERFACE**
[54] **INTERFACE DE ROULEAU ET DE LIAISON DE VOIE RESISTANTE A L'ECAILLAGE**
[72] TRONE, MATTHEW W., US
[72] WANG, JIANJUN, US
[71] CATERPILLAR INC., US
[85] 2021-03-26
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[51] **Int.Cl. C12M 1/42 (2006.01)**
[25] EN
[54] **DEVICE FOR A CELL SUSPENSION CULTURE**
[54] **DISPOSITIF POUR UNE CULTURE DE SUSPENSION CELLULAIRE**
[72] FALVO D'URSO LABATE, GIUSEPPE, IT
[71] CELLEX S.R.L., IT
[85] 2021-03-26
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[87] (WO2020/095143)
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[54] **A CLOUD-BASED SYSTEM AND METHOD FOR CREATING A VIRTUAL TOUR**
[54] **SYSTEME ET PROCEDE EN NUAGE PERMETTANT DE CREER UNE VISITE GUIDEE VIRTUELLE**
[72] SANJOTO, THOMPSON, CA
[72] CHEN, ASHTON DANIEL, CA
[72] LIN, DONG, CA
[72] HO, BEN, CA
[72] LONG, YITING, CA
[72] QIU, XINHUI, CA
[72] PAN, PAN, CA
[71] EYEXPO TECHNOLOGY CORP., CA
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[51] **Int.Cl. C12Q 1/6804 (2018.01) C12Q 1/6806 (2018.01) C12N 15/10 (2006.01)**
[25] EN
[54] **SIMULTANEOUS, SEQUENCING-BASED ANALYSIS OF PROTEINS, NUCLEOSOMES, AND CELL-FREE NUCLEIC ACIDS FROM A SINGLE BIOLOGICAL SAMPLE**
[54] **ANALYSE SIMULTANEE DE PROTEINES, DE NUCLEOSOMES ET D'ACIDES NUCLEIQUES ACELLULAIRES PROVENANT D'UN SEUL ECHANTILLON BIOLOGIQUE BASEE SUR LE SEQUENCAGE**
[72] ARENSDORF, PATRICK A., US
[72] SPACEK, DAMEK, US
[72] ELLISON, CHRISTOPHER E., US
[72] LEVY, SAMUEL, US
[71] BLUESTAR GENOMICS, INC., US
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[86] 2019-10-03 (PCT/US2019/054582)
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[30] US (62/741,473) 2018-10-04

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[51] **Int.Cl. G01K 1/14 (2021.01) G01K 1/02 (2021.01) G01K 13/02 (2021.01)**
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[54] **NON-INVASIVE PROCESS FLUID TEMPERATURE INDICATION**
[54] **INDICATION NON INVASIVE DE TEMPERATURE DE FLUIDE DE TRAITEMENT**
[72] RUD, JASON H., US
[72] TRIMBLE, STEVEN R., US
[71] ROSEMOUNT INC, US
[85] 2021-03-26
[86] 2019-09-25 (PCT/US2019/052904)
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[51] **Int.Cl. E21B 44/02 (2006.01) E21B 3/00 (2006.01) E21B 3/04 (2006.01) E21B 7/06 (2006.01) E21B 7/10 (2006.01) E21B 44/00 (2006.01) E21B 45/00 (2006.01) E21B 47/12 (2012.01)**
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[54] **VERIFIABLE DOWNLINKING METHOD**
[54] **PROCEDE DE LIAISON DESCENDANTE VERIFIABLE**
[72] LANNING, CURTIS, US
[72] DEHLAVI, SASSAN, US
[72] KURTHY, JEFF, US
[71] DOUBLEBARREL DOWNHOLE TECHNOLOGIES LLC, US
[85] 2021-03-26
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[51] **Int.Cl. H04W 52/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **NETWORK IDENTIFICATION OF PORTABLE ELECTRONIC DEVICES WHILE CHANGING POWER STATES**
[54] **IDENTIFICATION DE RESEAU DE DISPOSITIFS ELECTRONIQUES PORTABLES PENDANT UN CHANGEMENT DES ETATS DE PUISSANCE**
[72] GOSSAIN, HRISHIKESH, US
[71] SONOS, INC., US
[85] 2021-03-26
[86] 2019-09-26 (PCT/US2019/053291)
[87] (WO2020/069213)
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[51] **Int.Cl. G01S 7/48 (2006.01) G01S 17/26 (2020.01) G01S 17/931 (2020.01) G01S 7/487 (2006.01) G01S 7/495 (2006.01) G01S 17/66 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LASER PHASE TRACKING FOR INTERNAL REFLECTION SUBTRACTION IN PHASE-ENCODED LIDAR**
[54] **PROCEDE ET SYSTEME DE SUIVI DE PHASE LASER POUR SOUSTRACTION DE REFLEXION INTERNE DANS UN LIDAR A CODAGE DE PHASE**
[72] CROUCH, STEPHEN C., US
[72] KADLEC, EMIL, US
[72] RUPAVATHARAM, KRISHNA MOHAN, US
[71] BLACKMORE SENSORS & ANALYTICS, LLC, US
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[25] EN
[54] **FRATAXIN EXPRESSION CONSTRUCTS HAVING ENGINEERED PROMOTERS AND METHODS OF USE THEREOF**
[54] **CONSTRUCTIONS D'EXPRESSION DE FRATAXINE COMPRENANT DES PROMOTEURS MODIFIES ET LEURS METHODES D'UTILISATION**
[72] PATZKE, HOLGER, US
[72] HOU, JINZHAO, US
[72] WANG, HONGXING, US
[72] SHU, YANQUN, US
[72] GOULET, MARTIN, US
[72] SAH, DINAH WEN-YEE, US
[71] VOYAGER THERAPEUTICS, INC., US
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[30] US (62/738,519) 2018-09-28
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[51] **Int.Cl. B01D 29/11 (2006.01) B23K 26/382 (2014.01) B23K 26/14 (2014.01) B25J 9/04 (2006.01) G01B 11/24 (2006.01) G01N 21/88 (2006.01) G01N 21/952 (2006.01)**
[25] EN
[54] **PRODUCTION SYSTEM FOR FORMING FILTRATION TUBES INCLUDING SUBSYSTEMS AND METHOD OF USING SAME**
[54] **SYSTEME DE PRODUCTION POUR FORMER DES TUBES DE FILTRATION COMPRENANT DES SOUS-SYSTEMES ET SON PROCEDE D'UTILISATION**
[72] LI, YONGWANG, US
[71] SYNFUEL AMERICAS CORPORATION, US
[85] 2021-03-26
[86] 2019-09-26 (PCT/US2019/053312)
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[30] US (62/738,919) 2018-09-28

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[51] **Int.Cl. B23K 26/382 (2014.01) B23K 26/14 (2014.01)**
[25] EN
[54] **LASER CUTTING SYSTEM FOR CUTTING ARTICLES AND FORMING FILTRATION TUBES**
[54] **SYSTEME DE DECOUPE AU LASER DESTINE A COUPER DES ARTICLES ET A FORMER DES TUBES DE FILTRATION**
[72] LI, YONGWANG, US
[71] SYNFUEL AMERICAS CORPORATION, US
[85] 2021-03-26
[86] 2019-09-26 (PCT/US2019/053313)
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[54] **MICRO-ORGANISMES POUR L'INHIBITION DE PATHOGENES DE PLANTES**
[72] KING, MICHAEL R., US
[72] SON, SONA, US
[72] LANGE, AMY, US
[72] DUERSTELER, MEGAN, US
[72] GALBRAITH, ELIZABETH, US
[71] MICROBIAL DISCOVERY GROUP, LLC, US
[85] 2021-03-26
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[51] **Int.Cl. G06Q 10/00 (2012.01)**
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[54] **ELECTRONIC NEWSPAPER DELIVERY PLATFORM**
[54] **PLATEFORME DE DISTRIBUTION DE JOURNAL ELECTRONIQUE**
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[72] HOLUB, JOSEPH MICHAEL, US
[72] BUMBAUGH, STEPHEN RAYMOND, US
[72] RYDER, CHARLES AARON, US
[72] JACOB, JOSHUA SHERMAN, US
[71] BLOCK COMMUNICATIONS, INC., US
[85] 2021-03-26
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[87] (WO2020/069256)
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[25] EN
[54] **RECIRCULATING VERTICAL WIND TUNNEL**
[54] **TUNNEL AERODYNAMIQUE VERTICAL A RECIRCULATION**
[72] METNI, N. ALAN, US
[72] WALDRON, JUSTIN EUGENE, US
[72] LEWIS, WADE AUSTIN, US
[72] ARLITT, MARK, US
[71] SKYVENTURE INTERNATIONAL (UK) LTD., GB
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[54] **SYSTEME ET PROCEDE DE DETERMINATION D'ESPACE DE CONCEPTION AUTOMATISEE DESTINE A DES RESEAUX NEURONAUX PROFONDS**
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[72] SAWYER, DAVID MANGAN, CA
[72] ASKARIHEMMAT, MOHAMMADHOSSEIN, CA
[72] MASTROPIETRO, OLIVIER, CA
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[72] UENO, HIROSHI, JP
[72] ASSRESAHEGN DASALEGN, BIRHANU, CA
[72] DAIGLE, JEAN-CHRISTOPHE, CA
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[54] **SYSTEMES DE REFRIGERATION ACTIVE ET PASSIVE POUR MOTEURS DE TROU VERS LE BAS**
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[72] RUSSO, MARTIN, AR
[72] TEVES, RICARDO HECTOR, AR
[72] OYARZUN, RAUL ALEJANDRO, AR
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[72] HAYES, MELISSA C., US
[72] SHIRLEY, ARTHUR R., US
[72] PEEDEN, GREGORY S., US
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[72] DOMANSKIS, EDWARD JONAS, US
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[71] NINGBO KAYAKA SPORTS CO., LTD, CN
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[72] LI, JIAN, CN
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[54] **PROCEDES, APPAREILS ET SYSTEMES DE PHENOTYPAGE 3D ET CARACTERISATION PHYSIOLOGIQUE DE LESIONS CEREBRALES ET DE TISSU ENVIRONNANT**
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[72] SIVAKOLUNDU, DINESH K., US
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[54] **PROCEDE ET APPAREIL DE GENERATION DE MODELE TRIDIMENSIONNEL, DISPOSITIF ET SUPPORT D'INFORMATIONS**
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[72] ZHAO, XIAOBO, CN
[71] SHINING3D TECH CO., LTD., CN
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[54] **CELLULES MICROGLIALES DERIVEES DE CELLULES SOUCHES, PROCEDES DE PREPARATION ET PROCEDES D'UTILISATION**
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[72] GUTTIKONDA, SUDHA RAGAVALLI, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[54] **PROCEDE DE PRODUCTION DE PAPIER KRAFT ET PAPIER KRAFT**
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[54] **FARINES FONCTIONNELLEMENT AMELIOREES, GRUAU ET PRODUITS ALIMENTAIRES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
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[72] RODRIGUEZ, OMAR I., US
[72] BERGE, CHAD C., US
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[54] **CONSTRUCTIONS D'IMMUNOGENES PEPTIDIQUES DIRIGEES CONTRE DES PROTEINES DE REPETITION DIPEPTIDIQUES PROVENANT DE C9ORF72**
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[72] VERMA, AJAY, US
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[54] **ATTRIBUTION DE RESSOURCES POUR TRANSMISSION AVEC AUTORISATION CONFIGUREE DANS UN SPECTRE SANS LICENCE**
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[72] ZHANG, JIAYIN, CA
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE TRAFIC PAR L'INTERMEDIAIRE D'UN SYSTEME SUR PUCE D'UN DISPOSITIF INTERMEDIAIRE**
[72] BORKAR, VIPIN, US
[72] SAMPATH, SANTOSH, US
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[72] SANKARASUBRAMANIAN, ARVIND, US
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[54] **SYSTEMES ET PROCEDES DE CONCEPTION D'ESSAIS CLINIQUES**
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[72] BEAULIEU, DANIELLE E., US
[72] KEYMER, MICHAEL A., US
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[72] ECCLES, MARY ELIZABETH, US
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[72] HOOD, SARAH CAROL, US
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[72] NAVAMAL, METTACHIT, US
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[72] ROEPER, STEFANIE, US
[72] SAWANT, RUPA, US
[72] SHI, YI, US
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[72] BOUCHER, DIANE M., US
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[71] CROSSJECT, FR
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[54] **SUPPORT ISOLE POUR ARTICLES A TEMPERATURE CONTROLEE**
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[72] ECARMA, ROLAND, US
[72] GROSS, KENNETH, US
[71] PACKIT, LLC, US
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[72] CHANG, ELIZABETH J., US
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[71] XENOTHERAPEUTICS CORPORATION, US
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[54] **WELDABLE ALUMINUM SHEET AND ASSOCIATED METHODS AND APPARATUS**
[54] **FEUILLE D'ALUMINIUM SOUDABLE ET PROCEDES ET APPAREIL ASSOCIES**
[72] UNAL, ALI, US
[72] EPP, JUNE M., US
[72] SPINELLA, DONALD J., US
[72] KILMER, RAYMOND J., US
[72] MING, LI M., US
[71] ARCONIC TECHNOLOGIES LLC, US
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[25] EN
[54] **A METHOD OF DESIGNING A LIGHT-REDIRECTING SURFACE OF A CAUSTIC LAYER, AN OPTICAL SECURITY ELEMENT COMPRISING THE DESIGNED LIGHT-REDIRECTING SURFACE OF THE CAUSTIC LAYER, A MARKED OBJECT, USE AND METHOD OF AUTHENTICATING THE OBJECT**
[54] **PROCEDE DE CONCEPTION D'UNE SURFACE DE REDIRECTION DE LUMIERE D'UNE COUCHE CAUSTIQUE, ELEMENT DE SECURITE OPTIQUE COMPRENANT LA SURFACE DE REDIRECTION DE LUMIERE CONCUE DE LA COUCHE CAUSTIQUE, OBJET MARQUE, UTILISATION ET PROCEDE D'AUTHENTIFICATION DE L'OBJET**
[72] CALLEGARI, ANDREA, CH
[72] GILLIERON, MATHIEU, CH
[72] DE FEO, OSCAR, CH
[71] SICPA HOLDING SA, CH
[85] 2021-03-29
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[54] **COMPOSITIONS FOR DISSIPATING HEAT**
[54] **COMPOSITIONS POUR DISSIPATION DE CHALEUR**
[72] ROCKENFELLER, UWE, US
[72] KHALILI, KAVEH, US
[71] ROCKY RESEARCH, US
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[54] **METHOD FOR DIAGNOSING DISEASES USING MULTIPLEX FLUORESCENCE AND SEQUENCING**
[54] **PROCEDE DE DIAGNOSTIC DE MALADIES PAR FLUORESCENCE ET SEQUENCAGE MULTIPLEX**
[72] CEKAN, PAVOL, SK
[72] PAUL, EVAN, SK
[71] MULTIPLEXDX, S.R.O., SK
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[54] **METHOD FOR MANUFACTURING A CRASH FRAME OF A BATTERY COMPARTMENT FOR BATTERY ELECTRIC VEHICLES**
[54] **PROCEDE DE FABRICATION D'UN CADRE DE COLLISION D'UN COMPARTIMENT DE BATTERIE POUR VEHICULES ELECTRIQUES A BATTERIE**
[72] POLOCZEK, MARTIN, DE
[72] HUNDGEN, THOMAS, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2021-03-29
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[54] **COMPARTMENTALIZED ASSAYS OF BISPECIFIC AND MULTISPECIFIC BIOLOGICS**
[54] **DOSAGES COMPARTIMENTES DE PRODUITS BIOLOGIQUES BISPECIFIQUES ET MULTISPECIFIQUES**
[72] WU, GEORGE GUIKAI, US
[72] SHANG, YONGLEI, US
[71] AMBERSTONE BIOSCIENCES, INC., US
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[54] **5T4 SINGLE DOMAIN ANTIBODIES AND THERAPEUTIC COMPOSITIONS THEREOF**
[54] **ANTICORPS A DOMAINE UNIQUE 5T4 ET LEURS COMPOSITIONS THERAPEUTIQUES**
[72] TIMMER, JOHN C., US
[72] KAPLAN, MICHAEL D., US
[72] WILLIS, KATELYN M., US
[72] PANDIT, RAJAY A., US
[72] SANABRIA, ANGELICA N., US
[72] BARNES, SYDNEY A., US
[72] HAERR, MARGARET E., US
[72] ECKELMAN, BRENDAN P., US
[72] JACKSON, RUTGER H., US
[71] INHIBRX, INC., US
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[54] **COMPOSITIONS AND SYSTEMS COMPRISING TRANSFECTION-COMPETENT VESICLES FREE OF ORGANIC-SOLVENTS AND DETERGENTS AND METHODS RELATED THERETO**
[54] **COMPOSITIONS ET SYSTEMES COMPRENANT DES VESICULES COMPETENTES POUR LA TRANSFECTION EXEMPTES DE SOLVANTS ORGANIQUES ET DE DETERGENTS, ET PROCEDES ASSOCIES**
[72] LEAVITT, BLAIR, CA
[72] CULLIS, PIETER, CA
[72] PETKAU, TERRI, CA
[72] HILL, AUSTIN, CA
[72] WAGNER, PAMELA, CA
[72] KULKARNI, JAYESH, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **MACROCYCLIC LACTONE FORMULATIONS, METHODS OF THEIR PREPARATION AND USE OF THE FORMULATIONS IN TREATING PATHOLOGIES SECONDARY TO OPHTHALMIC PARASITES**
[54] **FORMULATIONS DE LACTONES MACROCYCLIQUES, LEURS METHODES DE PREPARATION ET UTILISATION DES FORMULATIONS DANS LE TRAITEMENT DE PATHOLOGIES SECONDAIRES A DES PARASITES OPHTALMIQUES**
[72] VOZONE, CARLA, US
[72] LOPES, ANDREIA FILIPA DOS SANTOS CORDEIRO ROBERT, PT
[72] ALMEIDA, HUGO, PT
[72] SMITH, COURTNEY ROUSE, US
[72] SILVA, SERGIO, PT
[72] MAGRATH, GEORGE, US
[71] HOVIONE SCIENTIA, IE
[71] VOZONE, CARLA, US
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[54] **FILTRE EMBOLIQUE A COUPLAGE SOUPLE**
[72] MONTGOMERY, WILLIAM D, US
[72] SHAW, EDWARD E., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **NK ENGAGER MOLECULES AND METHODS OF USE THEREOF**
[54] **MOLECULES DE RECRUTEURS DE CELLULES NK ET LEURS METHODES D'UTILISATION**
[72] MILLER, JEFFREY S., US
[72] FELICES, MARTIN, US
[72] VALLERA, DANIEL A., US
[72] LENVIK, TODD R., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **PROTEINES INSECTICIDES**
[72] REYNOLDS, CLARENCE MICHAEL, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2021-03-26
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[54] **PRESSURE CONTROL DEVICE WITH SAFETY LOCKING MECHANISM**
[54] **DISPOSITIF DE COMMANDE DE PRESSION A MECANISME DE VERROUILLAGE DE SECURITE**
[72] GALLAGHER, BOBBY, US
[72] ANGSTMANN, STEVEN ANTHONY, US
[72] GALLAGHER, BILLY, US
[71] KINETIC PRESSURE CONTROL, LTD., US
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[54] **PRODUIT OU PROCEDE DE DISTRIBUTION DE COLORANT D'OXYDATION**
[72] RUSSELL, MARSHA A., US
[71] PWAI, LLC, US
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[54] **ONLINE LENDING METHOD, AND DATA INTERACTION PROCESSING METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE DE PRET EN LIGNE, ET PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT D'INTERACTION DE DONNEES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[54] **PROCEDE DE PRET EN LIGNE, ET PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT D'INTERACTION DE DONNEES**
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[71] 10353744 CANADA LTD., CA
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[54] **COMPOSITIONS COMPRISING A SULFORAPHANE OR A SULFORAPHANE PRECURSOR AND MILK THISTLE EXTRACT OR POWDER**
[54] **COMPOSITIONS COMPRENANT UN SULFORAPHANE OU UN PRECURSEUR DE SULFORAPHANE ET UN EXTRAIT OU UNE POUDRE DE CHARDON MARIE**
[72] CORNBLATT, BRIAN, US
[72] CORNBLATT, GRACE, US
[72] BZHELYANSKY, ANTON, US
[72] HENDERSON, ROBERT, US
[71] NUTRAMAX LABORATORIES, INC., US
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[25] EN
[54] **DYNAMIC CONFIGURATION OF A FLEXIBLE ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING PHY TRANSPORT DATA FRAME PREAMBLE**
[54] **CONFIGURATION DYNAMIQUE D'UN PREAMBULE DE TRAME DE DONNEES DE TRANSPORT PHY DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE SOUPLE**
[72] SHELBY, KEVIN A., US
[72] SIMON, MICHAEL J., US
[72] EARNSHAW, MARK, CA
[72] RAZA, ZAHIR JAFFER, CA
[71] ONE MEDIA, LLC, US
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[54] **SOURCE COLOR VOLUME INFORMATION MESSAGING**
[54] **MESSAGERIE D'INFORMATIONS DE VOLUME DE COULEUR SOURCE**
[72] CHEN, TAO, US
[72] YIN, PENG, US
[72] LU, TAORAN, US
[72] HUSAK, WALTER J., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **ORGANIC COMPOSITIONS TO TREAT HSF1-RELATED DISEASES**
[54] **COMPOSITIONS ORGANIQUES DE TRAITEMENT DES PATHOLOGIES LIEES A HSF1**
[72] HINKLE, GREGORY, US
[72] KUCHIMANCHI, SATYANARAYANA, US
[72] MILSTEIN, STUART, US
[72] WARMUTH, MARKUS, US
[72] ZHOU, WENLAI, US
[72] ZHU, PING, US
[72] ZIMMERMANN, TRACY S., US
[71] ARROWHEAD RESEARCH CORPORATION, US
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[54] **OPTICAL TRACKING**
[54] **PROCEDE ET SYSTEME DE SUIVI OPTIQUE**
[72] STOPP, SEBASTIAN, DE
[72] MANUS, JOHANNES, DE
[72] FLOSSMAN, SVEN, DE
[72] PREGLER, MARTIN, DE
[72] MEZGER, ULI, DE
[72] WEISER, MANFRED, DE
[71] BRAINLAB AG, DE
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[25] EN
[54] **SYSTEM FOR 3D RECONSTRUCTION OF A JOINT USING ULTRASOUND**
[54] **SYSTEME POUR RECONSTRUCTION TRIDIMENSIONNELLE (3D) D'UNE ARTICULATION UTILISANT D'ULTRASONS**
[72] MAHFOUZ, MOHAMED S., US
[72] WASIELEWSKI, RAY C., US
[71] JOINTVUE, LLC, US
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[54] **FIBER COMMUNICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION PAR FIBRE**
[72] JIA, ZHENSHENG, US
[72] CAMPOS, LUIS ALBERTO, US
[72] KNITTLE, CURTIS DEAN, US
[71] CABLE TELEVISION LABORATORIES, INC., US
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[54] **ADJUSTABLE SHARPENER**
[54] **AFFUTEUSE REGLABLE**
[72] CHALFANT, LOUIS, US
[72] DUKES, RICKY L., US
[71] SMITH'S CONSUMER PRODUCTS, INC., US
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[51] **Int.Cl. A63H 13/00 (2006.01) A63H 3/00 (2006.01) A63H 33/00 (2006.01)**
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[54] **ASSEMBLY WITH OBJECT IN HOUSING AND MECHANISM TO OPEN HOUSING**
[54]
[72] HASHEMI, HAMID R., CA
[72] CHARBONNEAU, ANNE N., CA
[72] LAI, VICTOR, CA
[72] PRUZANSKY, AMY ANNE, CA
[72] MCDONALD, DAVID LEWIS, CA
[71] SPIN MASTER LTD., CA
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[25] EN
[54] **METHOD FOR SEPARATING LIVER CELLS FROM LIVER TISSUE**
[54] **METHODE DE SEPARATION DE CELLULES HEPATIQUES D'UN TISSU HEPATIQUE**
[72] GOTO, MASAFUMI, JP
[72] MURAYAMA, KAZUTAKA, JP
[72] YAMAGATA, YOUHEI, JP
[72] WATANABE, KIMIKO, JP
[71] TOHOKU UNIVERSITY, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, JP
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[54] **ABRASIVE PARTICLES HAVING PARTICULAR SHAPES AND METHODS OF FORMING SUCH PARTICLES**
[54] **PARTICULES ABRASIVES AYANT DES FORMES PARTICULIERES ET PROCEDES DE FORMATION DE TELLES PARTICULES**
[72] SETH, ANUJ, US
[72] EVERTS, DARRELL K., US
[72] RAMAN, VIVEK CHERUVARI KOTTIETH, CA
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
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[25] EN
[54] **QUERYING ONE OR MORE DATABASES**
[54] **INTERROGATION D'UNE OU PLUSIEURS BASES DE DONNEES**
[72] TABB, LLOYD, US
[72] PORTERRFIELD, BENJAMIN, US
[71] GOOGLE LLC, US
[22] 2014-03-14
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[54] **ENSEMBLE D'ANCRAGE POUR PIECE DE FIXATION**
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[54] **PROTEINES DE LIAISON A NKG2D, CD16 ET UN ANTIGENE ASSOCIE A UNE TUMEUR**
[72] CHANG, GREGORY P., US
[72] CHEUNG, ANN F., US
[72] HANEY, WILLIAM, US
[72] LUNDE, BRADLEY M., US
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[54] **VIDEO PREDICTIVE ENCODING DEVICE, VIDEO PREDICTIVE ENCODING METHOD, VIDEO PREDICTIVE ENCODING PROGRAM, VIDEO PREDICTIVE DECODING DEVICE, VIDEO PREDICTIVE DECODING METHOD, AND VIDEO PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF DE VIDEO, PROCEDE DE CODAGE PREDICTIF DE VIDEO, PROGRAMME DE CODAGE PREDICTIF DE VIDEO, DISPOSITIF DE DECODAGE PREDICTIF DE VIDEO, PROCEDE DE DECODA GE PREDICTIF DE VIDEO, PROGRAMME DE DECODAGE PREDICTIF DE VIDEO**
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[72] TAKIUE, JUNYA, JP
[72] TAN, THIOW KENG, JP
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[54] **DISPOSITIF DE CODAGE PREDICTIF DE VIDEO, PROCEDE DE CODAGE PREDICTIF DE VIDEO, PROGRAMME DE CODAGE PREDICTIF DE VIDEO, DISPOSITIF DE DECODAGE PREDICTIF DE VIDEO, PROCEDE DE DECODA GE PREDICTIF DE VIDEO, PROGRAMME DE DECODAGE PREDICTIF DE VIDEO**
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