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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

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

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.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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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
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

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

Dates

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

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification 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), siège 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

Avis

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:

- | | |
|---|------|
| a) for each request | N/A |
| 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 :

- | | |
|--|-------|
| a) pour chaque demande | S.O. |
| 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 mégaoctets qui excède 7 mégaoctets, 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.

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).

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

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. 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. 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

Notices

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

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.

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).

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 57.2a) | 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).

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

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

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

14. Correspondence Procedures

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

Web Link for MOPOP:

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

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

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:

<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html>

Publication date: May 10, 2017

Amendment date: June 17, 2019

On this page:

1. Physical Delivery of Correspondence and Written Communications to CIPO
2. Electronic Correspondence
3. Details Concerning the Electronic Formats Accepted
4. General Information
5. Time Period Extensions
6. Procedures in Case of an Unexpected Office Closure at CIPO

14. Procédures de correspondance

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

Lien Web pour le RPBB :

http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

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

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

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7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
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7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
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This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

1. Physical Delivery of Correspondence and Written Communications to CIPO

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

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

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

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

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

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

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

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

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

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

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront renvoyés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

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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,

Avis

| | |
|---|--|
| except statutory holiday | l'exception des jours fériés |
| <ul style="list-style-type: none">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 | <ul style="list-style-type: none">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 |
| 8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays | 8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés |
| <ul style="list-style-type: none">Innovation, Science and Economic Development Canada Library Square 300 West Georgia Street, Suite 2000 Vancouver BC V6B 6E1 Tel.: 604-666-5000 | <ul style="list-style-type: none">Innovation, Sciences et Développement économique Canada Library Square 300, rue Georgia Ouest, pièce 2000 Vancouver (C.-B.) V6B 6E1 Tél. : 604-666-5000 |
| 8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays | 8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés |

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

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

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

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

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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.

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

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. 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,

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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).

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.

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 où l'OPIC l'a reçue (Heure de l'Est).

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 inconvenients 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.

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Patents

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

2.2 Online

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

Patents

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

Trademarks

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

Brevets

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

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

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

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

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

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

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

Marques de commerce

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

Avis

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;](#)

- [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](#)

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.

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.

Copyright

Droits d'auteur

Notices

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

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

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

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

Industrial Designs

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

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- [general correspondence relating to integrated circuit topographies](#).

Topographies de circuits intégrés

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

- [correspondance générale relative aux topographies de circuits intégrés](#).

2.3 Electronic medium

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

2.3 Supports électroniques

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

Brevets

Avis

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.

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 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.

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.

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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.

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.

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 "Stelligent 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

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.

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. Précisions concernant les formats électroniques acceptés

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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 « Stelligent 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.

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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.

Notices

4. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

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](#)

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;

4. Renseignements généraux

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

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](#)

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 (1^{er} 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 (1^{er} juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

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- 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 considérés avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou réglementaires 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 réglementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

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

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

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

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

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

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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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

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

Notices

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](#)

Avis

- [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 September 8, 2020 contains applications open to public inspection from August 23, 2020 to August 29, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 8 septembre 2020 contient les demandes disponibles au public pour consultation pour la période du 23 août 2020 au 29 août 2020.

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 [54] COMPOSES AYANT UNE ACTIVITE ANTIBACTERIENNE, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT
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 [72] BURTON, GERARDO, AR
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 [54] ELEMENT DE REVETEMENT DESTINE A UNE STRUCTURE DE SOL RENFORCEE
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 [72] BERARD, GILLES, FR
 [73] TERRE ARMEE INTERNATIONALE, FR
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 [54] PROCEDE, APPAREIL ET TRANSDUCTEUR A UTILISER DANS LA DETERMINATION DE L'ENCOCHE D'UNE SERRURE MECANIQUE
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 [73] ASCENDANT RESEARCH SERVICES LTD, GB
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[72] HASEGAWA, TAKUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] SYSTEME ANTI-CORROSION DESTINE AU TRAITEMENT DE SURFACES METALLIQUES
[72] TEMME, ANDREAS, DE
[73] HENKEL AG & CO. KGAA, DE
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[25] FR
[54] METHOD FOR PRODUCING A .BETA.-NIA1-TYPE NICKEL ALUMINIDE COATING ON A METAL SUBSTRATE, AND PART HAVING ONE SUCH COATING
[54] PROCEDE D'OBTENTION D'UN REVETEMENT D'ALUMINIURE DE NICKEL DE TYPE .BETA.-NIA1 SUR UN SUBSTRAT METALLIQUE, ET PIECE MUNIE D'UN TEL REVETEMENT
[72] BILHE, PASCAL, FR
[72] BACOS, MARIE-PIERRE, FR
[72] JOSSO, PIERRE, FR
[73] OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES (ONERA), FR
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[54] GENERATEUR DE COURANT ET PROCEDE DE GENERATION D'IMPULSIONS DE COURANT
[72] CUBAINES, FABRICE, FR
[73] GEO27 S.A.R.L., LU
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[54] COMBINAISON D'ANALOGUES DE LA SOMATOSTATINE ET D'INHIBITEURS DE LA 11-BETA-HYDROXYLASE
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[72] SCHMID, HERBERT ANTON, CH
[72] MALDONADO LUTOMIRSKY, MARIO ROBERTO, CH
[72] LI, LI, US
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[72] SUGA, YOUEI, JP
[72] KOIZUMI, NORIO, JP
[72] WATANABE, TAKENORI, JP
[72] MIYA, YOUEI, JP
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 - [72] LAMB, ROBERTA, US
 - [72] MALAVIYA, RAVI, US
 - [72] PRATTA, MICHAEL, US
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 - [25] EN
 - [54] METHOD OF MAKING OXYGENATES FROM A NON-CATALYTIC CHEMICAL REACTION
 - [54] PROCEDE DE FABRICATION DE COMPOSES OXYGENES A PARTIR D'UNE REACTION CHIMIQUE NON CATALYTIQUE
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 - [73] STRANDED SOLUTIONS, LLC, US
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 - [72] GELINOTTE, EMMANUEL, FR
 - [72] CLARK, KIRSTEN, US
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 - [72] HUDSON, ALICE, US
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- [72] SEVIGNON, MARC, FR
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[54] SYSTEME DE PROPULSION POUR UN VEHICULE OU UN VEHICULE-JOUET
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 [73] B-TECHNOLOGY SPOLKA Z O.O., PL
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[54] FORME GALENIQUE POUR LA LIBERATION PROLONGEE DE SUBSTANCES ACTIVES
 [72] FRANCAS, GERNOT, DE
 [72] PRZYKLENK, KARL-HEINZ, DE
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 [87] (WO2014/001268)
 [30] DE (10 2012 105 512.2) 2012-06-25

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 [25] FR
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[54] PROCEDE ET DISPOSITIF D'AJUSTEMENT D'UNE VALEUR DE CONSIGNE D'UN PARAMETRE INFLUENCANT UNE POUSSEE D'UN MOTEUR A TURBINE A GAZ
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 [72] CLERMONT, SYLVAIN, FR
 [72] GARIN, LAURENCE, FR
 [73] SNECMA, FR
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 [30] FR (1201751) 2012-06-20
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 [25] EN
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 [72] SLOSS, SCOTT, GB
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 [72] SMITH, ANTONY, GB
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 [30] US (13/529,890) 2012-06-21

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[54] DERIVES D'IMIDAZOPYRIDINE UTILISABLES EN TANT QUE MODULATEURS DE L'ACTIVITE TNF
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 [72] BROOKINGS, DANIEL CHRISTOPHER, GB
 [72] BROWN, JULIEN ALISTAIR, GB
 [72] CAIN, THOMAS PAUL, GB
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 [72] FOLEY, ANNE MARIE, GB
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 [72] HEIFETZ, ALEXANDER, GB
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 [72] JACKSON, VICTORIA ELIZABETH, GB
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 [72] LECOMTE, FABIEN CLAUDE, GB
 [72] LEIGH, DEBORAH, GB
 [72] LOWE, MARTIN ALEXANDER, GB
 [72] MADDEN, JAMES, GB
 [72] PORTER, JOHN ROBERT, GB
 [72] QUINCEY, JOANNA RACHEL, GB
 [72] REED, LAURA CLAIRE, GB
 [72] REUBERSON, JAMES THOMAS, GB
 [72] RICHARDSON, ANTHONY JOHN, GB
 [72] RICHARDSON, SARAH EMILY, GB
 [72] SELBY, MATTHEW DUNCAN, GB
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[25] EN
[54] METHOD AND APPARATUS FOR CODING VIDEO HAVING TEMPORAL SCALABILITY, AND METHOD AND APPARATUS FOR DECODING VIDEO HAVING TEMPORAL SCALABILITY
[54] PROCEDE ET APPAREIL POUR CODER UNE VIDEO AYANT UNE ECHELONNABILITE TEMPORELLE, ET PROCEDE ET APPAREIL POUR DECODER UNE VIDEO AYANT UNE ECHELONNABILITE TEMPORELLE
[72] CHOI, BYEONG-DOO, KR
[72] PARK, YOUNG-O, KR
[72] KIM, IL-KOO, KR
[72] KIM, JAE-HYUN, KR
[72] PARK, JEONG-HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[87] (WO2014/007550)
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[25] EN
[54] WIRELESS NETWORKS, DEVICES AND METHODS THAT ESTABLISH ASYMMETRIC FREQUENCY DIVISION DUPLEX (FDD) LINKS USING A DOWNLINK FREQUENCY CARRIER AND MULTIPLE UPLINK FREQUENCY CARRIERS
[54] RESEAUX SANS FIL, DISPOSITIFS ET PROCEDES ETABLISANT DES LIAISONS EN DUPLEXAGE PAR REPARTITION EN FREQUENCE (DRF) ASYMETRIQUE UTILISANT UNE PORTEUSE DE FREQUENCE EN LIAISON DESCENDANTE ET DES PORTEUSES DE FREQUENCES MULTIPLES EN LIAISON MONTANTE
[72] OLFAT, MASOUD, US
[73] ATC TECHNOLOGIES, LLC, US
[85] 2015-01-06
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[54] CABLE COMPRENANT UNE SINUSOIDE ENROULEE DESTINEE A ETRE UTILISEE LORS D'UNE DETECTION REPARTIE
[72] KUVSHINOV, BORIS NIKOLAEVICH, NL
[72] HORNMAN, JOHAN CORNELIS, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[30] US (61/678,482) 2012-08-01

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[13] C

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[25] EN
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[54] DISPOSITIF DE FIXATION D'UNE MOULURE DE PLAFOND
[72] NEUHOFER, FRANZ, AT
[73] NEUHOFER, FRANZ, AT
[85] 2015-01-15
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[87] (WO2014/146153)
[30] AT (A 50194/2013) 2013-03-21

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[25] EN
[54] SEX PHEROMONE DERIVATIVES, AND METHODS AND USES THEREOF
[54] DERIVES DE PHEROMONE SEXUELLE, ET METHODES ET UTILISATIONS ASSOCIEES
[72] SILK, PETER, CA
[72] RYALL, KRISTA, CA
[72] MAYO, PETER, CA
[72] MAGEE, DAVID, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[86] (2878555)
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- [54] PROCEDES DE VALORISATION DE FLUX HYDROCARBONES CONTAMINES
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- [72] VREELAND, JENNIFER, L., US
- [72] RANKIN, JONATHAN, P., US
- [72] ROSSETTI, MARK, N., US
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- [73] AUTERRA, INC., US
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- [87] (WO2014/018082)
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- [54] INHIBITEURS DE LA CYSTATHIONINE .GAMMA.-LYASE
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- [72] CHAPMAN, JUSTIN, US
- [72] SYDSERFF, SIMON G., US
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- [87] (WO2014/018570)
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- [25] EN
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- [72] YEAGER, JAMES L., US
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- [72] TEICHMANN, DANIEL, DE
- [72] BRUCKNER, NICOLE, DE
- [72] BOSMANN, ANDREAS, DE
- [72] WASSERSCHEID, PETER, DE
- [73] BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT, DE
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- [25] EN
- [54] CANOLA HYBRID 45CS41
- [54] CANOLA HYBRIDE 45CS41
- [72] MCCLINCHY, SCOTT, CA
- [72] PATEL, JAYANTILAL DEVABHAI, CA
- [72] FALAK, IGOR, CA
- [73] PIONEER HI-BRED INTERNATIONAL, INC., US
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 - [25] EN
 - [54] PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS
 - [54] PROCEDES DE PREPARATION D'HUILES DE BASE D'ESTOLIDE ET COMPOSES OLIGOMERES QUI COMPRENNENT UNE METATHESE CROISEE
 - [72] THOMPSON, TRAVIS, US
 - [72] PARSON, KELLY, US
 - [72] BREDSGUARD, JAKOB, US
 - [72] FOREST, JEREMY, US
 - [73] BIOSYNTHETIC TECHNOLOGIES, LLC, US
 - [85] 2015-06-11
 - [86] 2012-12-06 (PCT/US2012/068293)
 - [87] (WO2013/095945)
 - [30] US (61/577,598) 2011-12-19
 - [30] US (61/610,376) 2012-03-13
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- [25] EN
- [54] RESOURCE ACCESS SAFETY THROUGH IMMUTABLE OBJECT TYPES
- [54] SECURITE D'ACCES AUX RESSOURCES PAR L'INTERMEDIAIRE DE TYPES D'OBJET IMMUABLES
- [72] DUFFY, JOHN J., US
- [72] PARSONS, JARED PORTER, US
- [72] SINZ, MICHAEL, US
- [72] BROMFIELD, ALEXANDER DANIEL, US
- [72] CWALINA, KRZYSZTOF J., US
- [73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
- [85] 2015-06-25
- [86] 2014-01-03 (PCT/US2014/010112)
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- [30] US (13/734,750) 2013-01-04

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- [25] EN
- [54] WAXES HAVING OIL-IN-WATER SELF-EMULSIFYING AND WATER GEL-FORMING PROPERTIES, COMPOSITIONS, USES AND METHODS RELATING TO SAME
- [54] CIRES AYANT DES PROPRIETES AUTO-EMULSIFIANTES D'HUILE DANS L'EAU ET DE FORMATION DE GEL AQUEUX, COMPOSITIONS, UTILISATIONS ET PROCEDES ASSOCIES A CELLES-CI
- [72] THIBODEAU, ALAIN, CA
- [73] INNOVACOS CORP., US
- [85] 2015-06-22
- [86] 2014-03-06 (PCT/CA2014/050182)
- [87] (WO2014/134732)
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- [25] EN
- [54] MULTI-PURPOSE INGREDIENT FOR BAKERY AND OTHER PRODUCTS
- [54] INGREDIENT MULTI-USAGE POUR PRODUITS DE BOULANGERIE ET D'AUTRES PRODUITS
- [72] WARD, LOREN, US
- [72] HOFFPAUER, DIANE, US
- [72] DUNN MASCIO, ANGELA, US
- [72] DEMMERLY, JASON, US
- [72] MARTINS, LORETTA, US
- [72] MOSS, MELINDA, US
- [72] YOUNG, MICHAEL, US
- [73] GLANBIA NUTRITIONALS (IRELAND) LTD., IE
- [85] 2015-07-06
- [86] 2014-01-06 (PCT/US2014/010386)
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- [30] US (61/749,376) 2013-01-06

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- [25] EN
- [54] APPLICATION PROGRAMMING INTERFACES FOR CONTENT CURATION
- [54] INTERFACES DE PROGRAMMATION D'APPLICATION POUR CONSERVATION DE CONTENU
- [72] GRIGOROVITCH, ALEXANDRE V., US
- [72] LITTLE, ROBERT A., US
- [73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
- [85] 2015-06-26
- [86] 2014-01-28 (PCT/US2014/013254)
- [87] (WO2014/120625)
- [30] US (13/753,527) 2013-01-30
- [30] US (13/892,314) 2013-05-13

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- [25] EN
- [54] CAPSULE FOR MAKING BEVERAGES
- [54] CAPSULE PERMETTANT DE PREPARER DES BOISSONS
- [72] ACCURSI, GIOVANNI, IT
- [73] CAFFITALY SYSTEM S.P.A., IT
- [85] 2015-07-14
- [86] 2014-01-31 (PCT/IB2014/058706)
- [87] (WO2014/118743)
- [30] IT (VR2013A000026) 2013-02-04
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- [25] EN
- [54] ANTI-GAS LOCK VALVE FOR A RECIPROCATING DOWNHOLE PUMP
- [54] SOUPAPE ANTIBLOCAGE DE GAZ POUR UNE POMPE DE FOND A MOUVEMENT ALTERNATIF
- [72] DOWNING, DONALD, US
- [73] INNOVATIVE OILFIELD CONSULTANTS LTD., CA
- [85] 2015-07-15
- [86] 2014-01-17 (PCT/CA2014/050032)
- [87] (WO2014/110681)
- [30] US (61/753,494) 2013-01-17
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- [51] Int.Cl. B25B 15/04 (2006.01) B25B 15/00 (2006.01) B25B 23/00 (2006.01)
- [25] EN
- [54] BIDIRECTIONAL SCREWDRIVER
- [54] TOURNEVIS BIDIRECTIONNEL
- [72] WANG, WEIYI, CN
- [73] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
- [73] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
- [73] RATCHET SOLUTIONS, INC., US
- [85] 2015-07-16
- [86] 2013-09-09 (PCT/CN2013/083112)
- [87] (WO2014/110905)
- [30] CN (201320028403.8) 2013-01-18
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- [51] Int.Cl. E21B 29/04 (2006.01) E21B 23/01 (2006.01) E21B 29/00 (2006.01) E21B 33/13 (2006.01)
- [25] EN
- [54] METHOD FOR DOWNHOLE CUTTING OF AT LEAST ONE LINE DISPOSED OUTSIDE AND ALONG A PIPE STRING IN A WELL, AND WITHOUT SIMULTANEOUSLY SEVERING THE PIPE STRING
- [54] PROCEDE DE COUPE DE FOND DE TROU D'AU MOINS UNE CONDUITE DISPOSEE A L'EXTERIEUR ET LE LONG D'UN TRAIN DE TIGES DANS UN PUITS, ET SANS SEPARATION SIMULTANEE DU TRAIN DE TIGES
- [72] MYHRE, MORTEN, NO
- [72] LARSEN, ARNE GUNNAR, NO
- [72] JENSEN, ROY INGE, NO
- [72] ANDERSEN, PATRICK, NO
- [72] ENGELSGJERD, ERLEND, NO
- [72] IUELL, MARKUS, NO
- [72] OSTVOLD, ARNOLD, NO
- [72] DAHL, ARNT OLAV, NO
- [73] HYDRA SYSTEMS AS, NO
- [85] 2015-07-17
- [86] 2014-02-05 (PCT/NO2014/050020)
- [87] (WO2014/126478)
- [30] NO (20130241) 2013-02-13
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- [51] Int.Cl. E02D 29/02 (2006.01)
- [25] EN
- [54] PRECAST LEVELING SEGMENT BELOW A TRAFFIC BARRIER ATOP AN EARTH RETAINING WALL SYSTEM
- [54] SEGMENT PREFABRIQUE DE MISE A NIVEAU DESTINE A ETRE PLACE SOUS UNE GLISSEIERE DE SECURITE, SUR UN SYSTEME DE MUR DE SOUTENEMENT
- [72] RAINES, THOMAS L., US
- [73] EARTH WALL PRODUCTS, LLC., US
- [85] 2015-08-20
- [86] 2014-02-11 (PCT/US2014/015660)
- [87] (WO2014/130286)
- [30] US (61/766,794) 2013-02-20
- [30] US (61/914,127) 2013-12-10
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- [51] Int.Cl. B23P 19/10 (2006.01) B64C 3/26 (2006.01) B65F 5/00 (2006.01) B66F 7/06 (2006.01) G05B 19/408 (2006.01)
- [25] EN
- [54] MODULAR AND RECONFIGURABLE SUPPORT SYSTEM
- [54] SYSTEME DE SUPPORT MODULAIRE ET RECONFIGURABLE
- [72] DESJARDIEN, MATTHEW R., US
- [72] REID, ERIC M., US
- [72] BUTTRICK, JAMES N., US
- [72] JONES, DARRELL DARWIN, US
- [72] DAY, DAN DRESSKELL, US
- [72] STONE, PAUL REED, US
- [73] THE BOEING COMPANY, US
- [85] 2015-08-21
- [86] 2014-05-02 (PCT/US2014/036614)
- [87] (WO2014/193602)
- [30] US (13/904,789) 2013-05-29
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- [51] Int.Cl. G21B 3/00 (2006.01)
- [25] EN
- [54] LOCALISED ENERGY CONCENTRATION
- [54] CONCENTRATION D'ENERGIE LOCALISEE
- [72] VENTIKOS, YIANNIS, GB
- [72] HAWKER, NICHOLAS, GB
- [73] OXFORD UNIVERSITY INNOVATION LIMITED, GB
- [85] 2015-09-02
- [86] 2014-03-06 (PCT/GB2014/050663)
- [87] (WO2014/135881)
- [30] GB (1304046.4) 2013-03-06
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[13] C

- [51] Int.Cl. G01H 11/08 (2006.01) G01M 3/00 (2006.01)
[25] EN
[54] PIEZOELECTRIC VIBRATION SENSOR FOR FLUID LEAK DETECTION
[54] CAPTEUR DE VIBRATION PIEZOELECTRIQUE POUR DETECTION DE FUITE DE LIQUIDE
[72] ZUSMAN, GEORGE V., US
[73] MUELLER INTERNATIONAL, LLC, US
[86] (2904466)
[87] (2904466)
[22] 2015-09-18
[30] US (14/503,951) 2014-10-01
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[11] 2,907,621
[13] C

- [51] Int.Cl. C07F 9/50 (2006.01) C07C 209/68 (2006.01) C07C 211/05 (2006.01) C07C 211/07 (2006.01) C07C 211/08 (2006.01)
[25] EN
[54] BIS(6-METHYL-3-SULPHOPHENYL)PHENYLPHOSPHINE, AMMONIUM SALT THEREOF, AND METHOD FOR PRODUCING SAME
[54] BIS(6-METHYL-3-SULFOPHENYL)PHENYLPHOSPHINE, SON SEL D'AMMONIUM ET SON PROCEDE DE PRODUCTION
[72] HONDA, ERIKO, JP
[72] YOSHIKAWA, TATSUYA, JP
[72] TSUJI, TOMOAKI, JP
[72] KOIZUMI, HITOSHI, JP
[72] SUGITA, KYOKO, JP
[72] KUMAMOTO, NOBUMICHI, JP
[73] HOKKO CHEMICAL INDUSTRY CO., LTD., JP
[73] KURARAY CO., LTD., JP
[85] 2015-09-18
[86] 2014-03-26 (PCT/JP2014/058668)
[87] (WO2014/157404)
[30] JP (2013-067281) 2013-03-27
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- [51] Int.Cl. C12N 9/80 (2006.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 9/96 (2006.01)
[25] EN
[54] USE OF ANTIBODY-UREASE CONJUGATES FOR DIAGNOSTIC AND THERAPEUTIC PURPOSES
[54] UTILISATION DE CONJUGUES ANTICORPS-UREASE POUR APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES
[72] CHAO, HEMAN, CA
[73] HELIX BIOPHARMA CORP., CA
[85] 2015-10-01
[86] 2014-04-03 (PCT/CA2014/050334)
[87] (WO2014/165985)
[30] US (61/809,842) 2013-04-08
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[11] 2,910,252
[13] C

- [51] Int.Cl. G06F 21/12 (2013.01) G06F 21/53 (2013.01)
[25] EN
[54] RESTRICTED DRIVER PLATFORM RUNS DRIVERS IN SANDBOX IN USER MODE
[54] EXECUTIONS DE PILOTES DANS UNE SANDBOX EN MODE UTILISATEUR SUR UNE PLATEFORME DE PILOTES LIMITEE
[72] DIAZ-CUELLAR, GERARDO, US
[72] GUPTA, DHIRAJ KANT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-10-23
[86] 2013-09-20 (PCT/US2013/060753)
[87] (WO2014/193443)
[30] US (13/906,902) 2013-05-31
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[11] 2,910,292
[13] C

- [51] Int.Cl. G09G 5/00 (2006.01)
[25] FR
[54] METHOD OF CUSTOMIZING AN ELECTRONIC IMAGE DISPLAY DEVICE
[54] PROCEDE DE PERSONNALISATION D'UN DISPOSITIF ELECTRONIQUE AFFICHEUR D'IMAGE
[72] SCHERLEN, ANNE-CATHERINE, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2015-10-23
[86] 2014-03-25 (PCT/FR2014/050694)
[87] (WO2014/174168)
[30] FR (FR1353786) 2013-04-25
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[13] C

- [51] Int.Cl. B62B 1/10 (2006.01) B62B 1/00 (2006.01) B62B 1/16 (2006.01)
[25] EN
[54] CARRIAGE APPARATUS
[54] APPAREIL DE TRANSPORT
[72] HUISMAN, JOHAN, CA
[73] VEZINA, RICK, CA
[86] (2910092)
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- [51] Int.Cl. G01N 11/14 (2006.01) B01D 21/00 (2006.01) G01N 11/10 (2006.01)
 - [25] EN
 - [54] APPARATUS AND METHOD FOR DETERMINING ONE OR MORE CHARACTERISTICS OF A VISCOUS MATERIAL
 - [54] APPAREIL ET PROCEDE DE DETERMINATION D'UNE OU PLUSIEURS CARACTERISTIQUES D'UN MATERIAU VISQUEUX
 - [72] COOK, ROBERT, US
 - [72] LAKE, PHILIP, US
 - [72] JOHNSON, JEROLD, US
 - [73] WESTECH ENGINEERING, INC., US
 - [85] 2015-11-03
 - [86] 2014-05-06 (PCT/US2014/037034)
 - [87] (WO2014/182746)
 - [30] US (61/819,738) 2013-05-06
 - [30] US (14/270,221) 2014-05-05
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[13] C

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- [25] EN
- [54] PET CHEW TOYS OF RUBBER AND POLYAMIDE
- [54] JOUETS A MACHER POUR ANIMAL DOMESTIQUE EN CAOUTCHOUC ET POLYAMIDE
- [72] AXELROD, GLEN S., US
- [72] GAJRIA, AJAY, IN
- [73] T.F.H. PUBLICATIONS, INC., US
- [85] 2015-11-23
- [86] 2014-05-13 (PCT/US2014/037796)
- [87] (WO2014/189710)
- [30] US (13/900,868) 2013-05-23

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- [51] Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6865 (2018.01) G16B 25/10 (2019.01) C12Q 1/18 (2006.01) C40B 30/06 (2006.01)
 - [25] EN
 - [54] METHODS OF TARGETED ANTIBIOTIC SUSCEPTIBILITY TESTING
 - [54] PROCEDES DE TEST DE SENSIBILITE AUX ANTIBIOTIQUES CIBLES
 - [72] TALEBPOUR, SAMAD, CA
 - [72] KHINE, AYE AYE, CA
 - [72] ALAVIE, TINO, CA
 - [72] LEONARD, STEPHEN WESLEY, CA
 - [73] QVELLA CORPORATION, CA
 - [85] 2015-12-21
 - [86] 2014-07-03 (PCT/CA2014/050634)
 - [87] (WO2015/000079)
 - [30] US (61/842,827) 2013-07-03
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[11] 2,917,655

[13] C

- [51] Int.Cl. B63B 21/50 (2006.01)
- [25] EN
- [54] DISCONNECTABLE SUBMERGED BUOY MOORING DEVICE COMPRISING CLAMPING DOGS
- [54] DISPOSITIF D'AMARRAGE DE BOUEE IMMERGE POUVANT ETRE DETACHE, COMPRENANT DES FERMETURES A TOURNIQUET
- [72] BAUDUIN, CHRISTIAN RAYMOND, FR
- [72] TOGGIANI, JEAN-YVES SILVAIN, FR
- [72] BENOIT, JEAN PIERRE, FR
- [72] PERRIN, JEROME, FR
- [73] SINGLE BUOY MOORINGS INC., CH
- [85] 2016-01-07
- [86] 2013-07-12 (PCT/EP2013/064835)
- [87] (WO2015/003754)

[11] 2,920,041

[13] C

- [51] Int.Cl. A61F 5/00 (2006.01)
 - [25] EN
 - [54] ORTHOPEDIC BRACE SECURING AND TENSIONING SYSTEM
 - [54] SYSTEME DE FIXATION ET DE TENSION D'ATTELLE ORTHOPEDIQUE
 - [72] MASON, JEFFREY T., US
 - [72] MOIR, RUSSELL S., US
 - [72] BOWMAN, BRYAN K., US
 - [73] UNITED SURGICAL ASSOCIATES, INC., US
 - [85] 2016-01-29
 - [86] 2014-07-29 (PCT/US2014/048735)
 - [87] (WO2015/017462)
 - [30] US (61/860,215) 2013-07-30
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[13] C

- [51] Int.Cl. H01F 7/13 (2006.01) H01F 7/16 (2006.01)
- [25] EN
- [54] CONTROL SOLENOID WITH IMPROVED MAGNETIC CIRCUIT
- [54] SOLENOIDE DE COMMANDE COMPORANT UN CIRCUIT MAGNETIQUE AMELIORE
- [72] SEID, DAVID, US
- [72] HAMID, NAJMOLHODA, US
- [72] BAKER, KLYNT, US
- [72] KOVITZ, JOHN, US
- [73] FLEXTRONICS GLOBAL SERVICES CANADA INC. SERVICES GLOBAUX FLEXTRONICS CANADA INC., CA
- [85] 2016-02-29
- [86] 2014-09-02 (PCT/US2014/053712)
- [87] (WO2015/031894)
- [30] US (61/872,178) 2013-08-30
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[13] C

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- [25] EN
- [54] **PIXEL MAPPING AND PRINTING FOR MICRO LENS ARRAYS TO ACHIEVE DUAL-AXIS ACTIVATION OF IMAGES**
- [54] **CARTOGRAPHIE ET IMPRESSION DE PIXELS POUR DES RESEAUX DE MICRO-LENTILLES POUR OBTENIR UNE ACTIVATION A DOUBLE AXE D'IMAGES**
- [72] RAYMOND, MARK A., US
- [72] SOTO, HECTOR ANDRES PORRAS, US
- [73] LUMENCO, LLC, US
- [85] 2016-03-03
- [86] 2014-02-27 (PCT/US2014/018920)
- [87] (WO2015/034551)
- [30] US (14/017,415) 2013-09-04
- [30] US (14/190,592) 2014-02-26
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[13] C

- [51] Int.Cl. F24T 10/13 (2018.01) E02D 27/32 (2006.01) F28F 27/00 (2006.01)
- [25] EN
- [54] **GEOEXCHANGE SYSTEMS INCLUDING GROUND SOURCE HEAT EXCHANGERS AND RELATED METHODS**
- [54] **SYSTEMES D'ECHANGE GEOTHERMIQUE COMPRENANT DES ECHANGEURS GEOTHERMIQUES ET PROCEDES ASSOCIES**
- [72] SUVER, PAUL W., US
- [73] SUVER, PAUL W., US
- [85] 2016-04-15
- [86] 2013-10-15 (PCT/US2013/065088)
- [87] (WO2015/057207)
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[11] 2,930,436
[13] C

- [51] Int.Cl. G06Q 40/04 (2012.01)
- [25] EN
- [54] **LARGE LIQUIDITY SEEKING TRADING PLATFORM**
- [54] **PLATEFORME D'ECHANGE EN QUETE DE LIQUIDITE IMPORTANTE**
- [72] FARNSTROM, AMY JOY, US
- [72] CRUTCHFIELD, STEVE G., US
- [72] HYDE, JAMES, US
- [73] NYSE GROUP, INC., US
- [86] (2930436)
- [87] (2930436)
- [22] 2014-12-22
- [62] 2,876,721
- [30] US (61/922,731) 2013-12-31
- [30] US (14/574,930) 2014-12-18
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[13] C

- [51] Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)
- [25] EN
- [54] **SYSTEM FOR MONITORING AND CONTROLLING NEGATIVE PRESSURE WOUND THERAPY**
- [54] **SYSTÈME DE SURVEILLANCE ET DE COMMANDE D'UN TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
- [72] DEBUSK, BRIAN C., US
- [72] ALLEMAN, TIMOTHY A., US
- [72] ZUFELT, NEPHI, US
- [73] DERoyal INDUSTRIES, INC., US
- [85] 2016-05-13
- [86] 2014-11-14 (PCT/US2014/065680)
- [87] (WO2015/073809)
- [30] US (61/904,014) 2013-11-14
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[13] C

- [51] Int.Cl. C11D 17/00 (2006.01) B65D 85/84 (2006.01) C11D 17/04 (2006.01)
- [25] EN
- [54] **A PRODUCT PACKAGING CONTAINING A SOLID PRODUCT BLOCK**
- [54] **EMBALLAGE DE PRODUIT CONTENANT UN BLOC DE PRODUIT SOLIDE**
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[54] MODULE DE MECANISME D'ENTRAINEMENT POUR UNE POMPE A MOUVEMENT DE VA-ET-VIENT
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[72] GUEST, FLOYD JAMES, CA
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[54] SYSTEME, PROCEDE ET PROGRAMME LISBLE PAR ORDINATEUR POUR LA GESTION D'ACTIVITE EN TEMPS REEL
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[73] AUSTIN HARDWARE & SUPPLY, INC., US
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[85] 2017-09-08
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[54] APPAREIL DE SEPARATION DE PHASE SECONDAIRE ET METHODE ASSOCIEE
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[72] WHITNEY, DANIEL CLIFFORD, CA
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QU'OUTIL
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[72] BUCSA, DORU, CA
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[25] EN
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CAPACITY MANAGEMENT, BED
SPACE BID AUCTION AND DATA
SHARING
[54] DISPOSITIF, SYSTEME ET
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MANAGEMENT
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[72] WU, JIN, US
[72] MA, LIN, US
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[54] PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER UNE GESTION D'INTERACTION DE CLIENT BASEE SUR UNE VALEUR DE CLIENT
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[72] SRI, R. MATHANGI, IN
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[54] SYSTEME ET METHODE DE FOURNITURE D'UNE DOUCHE D'AROMATHERAPIE
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[72] ARCHER, VIRGIL LEE, US
[73] ARCHER, SHERI ANN, US
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[72] GREEN, MARTIN C., US
[72] WILLIAMS, WILLIAM R., US
[72] FOMITCHEV, DMITRY, US
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- [72] WICKRAMASURIYA, JEHAN, US
- [72] VASUDEVAN, VENUGOPAL, US
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- [72] SRIVASTAVA, RAE MOHAN, CA
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- [72] ALIVERTI, BRENT D., US
- [72] BRAHMBHATT, KINTAN D., US
- [72] CARLSON, ADAM, US
- [72] DANTZLER, JIM L., US
- [72] TREDER, DOUGLAS M., US
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- [72] YOUNG, KELVIN C., US
- [72] WYMAN, MICHAEL JOHN, US
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- [25] EN
- [54] PEPTIDE THIOUREA DERIVATIVE, RADIOISOTOPE LABELED COMPOUND CONTAINING SAME, AND PHARMACEUTICAL COMPOSITION CONTAINING SAME AS ACTIVE INGREDIENT FOR TREATING OR DIAGNOSING PROSTATECANCER
- [54] DERIVE PEPTIDIQUE DE THIOUREE, COMPOSE MARQUE PAR UN RADIO-ISOTOPE LE CONTENANT ET COMPOSITION PHARMACEUTIQUE LE CONTENANT EN TANT QUE PRINCIPE ACTIF POUR LE TRAITEMENT OU LE DIAGNOSTIC DU CANCER DE LA PROSTATE
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[72] MOON, SUNG-HYUN, KR
[72] LEE, YUN-SANG, KR
[73] CELLBION CO., LTD, KR
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- [54] MISE A L'ECHELLE POUR UN TRAITEMENT GRAPHIQUE VIRTUALISE
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[72] BURNS, NATHAN LEE, US
[73] AMAZON TECHNOLOGIES, INC., US
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- [54] SYSTEME DE SURVEILLANCE ET DE DETECTION DE GAZ COMPRENANT UNE HOTTE D'ASPIRATION SANS CONDUIT
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- [54] SYSTEME DE DEFENSE CONTRE LES DRONES
- [72] ZIEMBA, LINDA J., US
[72] ZIEMBA, DENNIS J., US
[72] SINATRA, TAYLOR J., US
[72] GAO, ZIANG, US
[73] DRONE GO HOME, LLC, US
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- [54] FINELY DIVIDED, CATIONIC, AQUEOUS POLYMER DISPERSIONS, METHOD FOR THE PRODUCTION THEREOF, AND THE USE THEREOF
- [54] DISPERSIONS AQUEUSES, CATIONIQUES, FINEMENT DIVISEES DE POLYMERES, PROCEDE POUR LEUR PREPARATION ET UTILISATION CORRESPONDANTE
- [72] CIMPEANU, CARMEN-ELENA, DE
[72] MOELLER, KLAUS, DE
[72] ARNOLD, PETRA, DE
[72] GEORGIEVA, KRISTINA, DE
[72] DIEING, REINHOLD, DE
[72] JEHN-RENDU, CHRISTIAN, DE
[72] WEN, QUAN, CN
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
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- [54] DISPOSITIF DE COMMANDE D'INTERRUPTEUR DE PUISSANCE
- [72] MORI, TOMOHITO, JP
[72] YAMAMOTO, AYA, JP
[72] YOSHIDA, DAISUKE, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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- [54] **SISTÈME ET PROCÉDÉ DE TEST SANGUIN**
- [72] HILLMAN, ROBERT, US
- [72] GORIN, MICHAEL M., US
- [72] MCCLUSKEY, CORY LEE, US
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- [73] CA CASYSO GMBH, CH
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- [54] **METHOD FOR PRODUCING A BLANK AND DENTAL RESTORATION**
- [54] **PROCÉDÉ DE PRODUCTION D'ÉBAUCHE ET DE RESTAURATION DENTAIRE**
- [72] VOLKL, LOTHAR, DE
- [72] FECHER, STEFAN, DE
- [72] KUTZNER, MARTIN, DE
- [72] HORHOLD, HEINER, DE
- [73] DENTSPLY SIRONA INC., US
- [73] DEGUDENT GMBH, DE
- [85] 2018-06-06
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- [25] EN
- [54] **METHOD FOR PRODUCING A BLANK, BLANK AND DENTAL RESTORATION**
- [54] **PROCÉDÉ DE PRODUCTION D'UNE ÉBAUCHE, ÉBAUCHE ET RESTAURATION DENTAIRE**
- [72] VOLKL, LOTHAR, DE
- [72] FECHER, STEFAN, DE
- [72] KUTZNER, MARTIN, DE
- [72] OEFNER, TANJA, DE
- [73] DENTSPLY SIRONA INC., US
- [73] DEGUDENT GMBH, DE
- [85] 2018-06-06
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- [25] EN
- [54] **METHOD FOR PRODUCING A DENTAL RESTORATION**
- [54] **PROCÉDÉ DE PRODUCTION DE RESTAURATION DENTAIRE**
- [72] VOLKL, LOTHAR, DE
- [72] FECHER, STEFAN, DE
- [73] DENTSPLY SIRONA INC., US
- [73] DEGUDENT GMBH, DE
- [85] 2018-06-06
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- [54] **APPARATUS AND METHOD FOR PROCESSING AN ENCODED AUDIO SIGNAL**
- [54] **APPAREIL ET PROCÉDÉ DE TRAITEMENT DE SIGNAL AUDIO CODE**
- [72] NIEDERMEIER, ANDREAS, DE
- [72] DISCH, SASCHA, DE
- [73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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- [54] COMBINAISONS DE PHYTOPROTECTEUR HERBICIDE POUR PLANTES RESISTANT AUX HERBICIDES A ACETYLE DE CO-ENZYME A CARBOXYLASE
- [72] HILDEBRANDT, CURTIS M., US
- [72] GAINES, TODD, US
- [72] WESTRA, PHILIP, US
- [73] COLORADO WHEAT RESEARCH FOUNDATION, INC., US
- [85] 2018-08-03
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- [25] EN
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- [54] PRODUCTION ET UTILISATION DE CANNABIS DE SPECIALITE AYANT UN PROFIL DE GENOTYPE BD/BT ET UN TERPENE A DOMINANCE DE LIMONENE
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- [72] GIESE, MATTHEW, US
- [72] LEWIS, MARK ANTHONY, US
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- [54] VAISSELLE ET VERRES POUVANT ETRE CHAUFFES OU REFROIDIS
- [72] ALEXANDER, CLAYTON, US
- [73] EMBER TECHNOLOGIES, INC., US
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- [54] LOCKING DEVICE FOR SECURING A WEAR ELEMENT IN A SUPPORT IN AN EARTH MOVING MACHINE
- [54] DISPOSITIF DE VERROUILLAGE PERMETTANT DE FIXER UN ELEMENT D'USURE DANS UN SUPPORT SUR UNE MACHINE DE TERRASSEMENT
- [72] AMAT HOLGADO, CARLOS, ES
- [72] GIMENO TORDERA, ALBERT, ES
- [72] TRIGINER BOIXEDA, JORGE, ES
- [73] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
- [85] 2018-08-09
- [86] 2017-02-14 (PCT/EP2017/053239)
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- [54] MATERIAL SHAPE SIMULATION APPARATUS, MATERIAL SHAPE SIMULATION METHOD, AND THREE-DIMENSIONAL WOVEN FIBER COMPONENT MANUFACTURING METHOD
- [54] DISPOSITIF DE SIMULATION DE FORME DE MATERIAU, PROCEDE DE SIMULATION DE FORME DE MATERIAU ET PROCEDE DE FABRICATION D'ARTICLE EN FIBRES TISSEES EN TROIS DIMENSIONS
- [72] HISHIDA, HIROYUKI, JP
- [72] INAGAKI, KOICHI, JP
- [72] NAKAMURA, TAKESHI, JP
- [72] WATANABE, FUMIAKI, JP
- [72] MORIOKA, KOTARO, JP
- [72] OHTAKE, YUTAKA, JP
- [72] SUZUKI, HIROMASA, JP
- [72] NAGAI, YUKIE, JP
- [73] IHI CORPORATION, JP
- [73] THE UNIVERSITY OF TOKYO, JP
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- [54] CUTTING INSERT, TOOL HOLDER, AND TOOL FOR MACHINING A WORKPIECE
- [54] PLAQUETTE DE COUPE, PORTE-OUTIL ET OUTIL D'USINAGE D'UNE PIECE PAR ENLEVEMENT DE COPEAUX
- [72] KEMMLER, TOBIAS, DE
- [73] HARTMETALL-WERKZEUGFABRIK PAUL HORN GMBH, DE
- [85] 2018-08-28
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[54] FILMS DE FACE ET STRATIFIES AUTOADHESIFS DESTINES A UNE IMPRESSION
[72] BLAND, DAVID, US
[72] CHEN, WEN-LI, US
[72] RAMSAY, MICHAEL, US
[72] WANG, SHANSHAN, US
[73] AVERY DENNISON CORPORATION, US
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[54] SANDWICCHED FIBER COMPOSITES FOR BALLISTIC APPLICATIONS
[54] COMPOSITES DE FIBRES EN SANDWICH POUR APPLICATIONS BALISTIQUES
[72] WILENSKI, MARK S., US
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[73] THE BOEING COMPANY, US
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[73] WOB BEN PROPERTIES GMBH, DE
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[72] DU, QUAN-WEN, CN
[72] LI, JUN-LIN, CN
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[72] YIN, GUOCHAO, CN
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[73] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **AGENCEMENT A RACCORD ET A PROTECTION DE TUBE DE BOUE A VERROUILLAGE AUTOMATIQUE**
[72] SNITKOFF, JOSHUA RAYMOND, US
[72] PETERSON, ELMER RICHARD, US
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[73] BAKER HUGHES, A GE COMPANY, LLC, US
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[72] SCHAEDLER, AXEL, US
[72] BUCHANAN, PETER J., US
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| | | [73] CARLING TECHNOLOGIES, INC., US | | [72] TOOLEY, EARNEST DEWAYNE, US | |
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[72] RATH, TIMOTHY ANDREW, US
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 - [73] AIRBUS HELICOPTERS, FR
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 - [73] ALIBABA GROUP HOLDING LIMITED, KY
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- [73] ALIBABA GROUP HOLDING LIMITED, KY
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- [54] **FLUIDE DE FORAGE ET PROCEDE DE TUNELLISATION**
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- [73] REELEX PACKAGING SOLUTIONS, INC., US
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- [73] PROSLIDE TECHNOLOGY INC., CA
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- [72] LI, HAOZE, CN
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- [72] PYRON, ROGER, US
- [73] ALUMA-FORM, INC., US
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- [54] **SISTÈME ET PROCÉDÉ POUR REDUIRE LES INTERFERENCES DANS DES COMMUNICATIONS RADIO**
- [72] PEARCE, STEPHEN, US
[72] POTTER, ROBERT, US
[73] KRATOS INTEGRAL HOLDINGS, LLC, US
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- [54] **RECUPERATION DE SOLVANT DE FLUIDES DE PRODUCTION MÉLAGNES ET SYSTÈME EXECUTANT L'ADITE RECUPERATION**
- [72] NENNIGER, JOHN, CA
[72] HOLCEK, RONALD G., CA
[72] EICHORN, MARK A., CA
[72] VERMA, SANDEEP, CA
[72] FARRELL, SOLIMAR J., CA
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- [54] **PROCESS FOR MAKING HMF FROM SUGARS WITH REDUCED BYPRODUCT FORMATION, AND IMPROVED STABILITY HMF COMPOSITIONS**
- [54] **PROCEDE DE FABRICATION DE HMF A PARTIR DE SUCRES AVEC FORMATION REDUITE DE SOUS-PRODUITS, ET COMPOSITIONS DE HMF A STABILITE AMELIOREE**
- [72] SANBORN, ALEXANDRA, US
[72] HAGBERG, ERIK, US
[72] HOWARD, STEPHEN, US
[72] ROCKAFELLOW, ERIN M., US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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- [54] **PROCEDE DE FABRICATION DE HMF A PARTIR DE SUCRES AVEC FORMATION REDUITE DE SOUS-PRODUITS, ET COMPOSITIONS DE HMF A STABILITE AMELIOREE**

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[72] HOWARD, STEPHEN, US
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[73] ARCHER DANIELS MIDLAND COMPANY, US
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[54] TROUSSE DE GENERATEUR D'ENERGIE SOLAIRE
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[54] SYSTEME ET PROCEDE POUR OBTENIR LA DIVERSITE DE CANDIDATS DANS UN SYSTEME DE CANDIDATURE DE CANDIDATS
[72] ALDWORTH, MICHAEL, CA
[72] GLASSFORD, JEFFREY, CA
[72] HESCH, WAYNE EDWARD JASON, CA
[72] O'SHEA, DARREN MACKENZIE, CA
[72] PROVENCHER, MARC ANDREW, CA
[72] ROBINSON, SHAWN MAURICE, CA
[72] SANGHERA, ALISHA, CA
[72] SCHNEIDER, KEVIN MICHAEL, CA
[72] WHITELEY, TUDOR ALEXANDER, CA
[72] WILLIAMSON, MICHAEL ARMAN, CA
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[54] SYSTEME ET PROCEDE D'OPTIMISATION PLURI-INSTITUTIONNELLE POUR SYSTEME DE DEMANDES DES CANDIDATS
[72] ALDWORTH, MICHAEL, CA
[72] GLASSFORD, JEFFREY, CA
[72] HESCH, WAYNE EDWARD JASON, CA
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[54] APPAREIL ET PROCEDE D'ATTENUATION DE LA VAPEUR
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[54] PLAT A CUISSON AVEC COUVERCLE QUI FACILET LA VENTILATION DYNAMIQUE
[72] CHIMBUYA, ANTHONY, CA
[72] COOPER, BRUCE, CA
[72] QUAN, DAVID, CA
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[72] KERR, HELEN, CA
[72] BELCHER, BRETT, CA
[72] YOUNG LEE, CHAY, CA
[71] CANADIAN TIRE CORPORATION, LIMITED, CA
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[25] EN
[54] INTERFACE FOR MOUNTING A PROPULSION MECHANISM TO A WATERCRAFT
[54] INTERFACE POUR MONTER UN MECANISME DE PROPULSION A UNE MOTOMARINE
[72] BOYER, REJEAN, CA
[72] DROUIN, VINCENT, CA
[71] PELICAN INTERNATIONAL INC., CA
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| <p style="text-align: right;">[21] 3,035,191 [13] A1</p> <p>[51] Int.Cl. G08B 21/24 (2006.01) G16H 40/60 (2018.01) A47K 1/00 (2006.01) G08B 13/08 (2006.01)</p> <p>[25] EN</p> <p>[54] HAND WASHING MONITORING DEVICE, SYSTEM AND METHOD</p> <p>[54] PROCEDE, SYSTEME ET DISPOSITIF DE SURVEILLANCE DE LAVAGE DES MAINS</p> <p>[72] CHINIKAR, PARHAM, CA</p> <p>[72] HAMEED, MARAWAN ABDEL, CA</p> <p>[72] WU, MING JIA MICHAEL, CA</p> <p>[72] KYNE, LUKE, CA</p> <p>[71] FIAN TECHNOLOGIES INC., CA</p> <p>[22] 2019-02-28</p> <p>[41] 2020-08-28</p> | <p style="text-align: right;">[21] 3,035,225 [13] A1</p> <p>[51] Int.Cl. A01M 25/00 (2006.01) A01M 7/00 (2006.01) A01M 21/00 (2006.01) B64C 39/02 (2006.01) B64D 1/18 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR FIELD TREATMENT AND MONITORING</p> <p>[54] SYSTEME ET PROCEDE POUR LA SURVEILLANCE ET LE TRAITEMENT SUR LE TERRAIN</p> <p>[72] MCCANN, DANIEL, CA</p> <p>[72] EL-RAB, WESSAM GAD, CA</p> <p>[72] WILENIEC, MARK, CA</p> <p>[72] MORTENSEN, RANDY, CA</p> <p>[72] ARKLES, ANTHONY J., CA</p> <p>[71] MCCANN, DANIEL, CA</p> <p>[22] 2019-02-28</p> <p>[41] 2020-08-28</p> | <p style="text-align: right;">[21] 3,035,257 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2012.01) G06Q 50/30 (2012.01)</p> <p>[25] EN</p> <p>[54] INTELLIGENT DYNAMIC CONTAINER ROUTING</p> <p>[54] ACHEMINEMENT DU CONTENEUR DYNAMIQUE INTELLIGENT</p> <p>[72] KATSOULAKOS, PANAYOTIS, GB</p> <p>[72] KOULOUMPIS, GERASIMOS, GB</p> <p>[72] KARAKOSTAS, VASSILEIOS, GB</p> <p>[72] O'SULLIVAN, PATRICK J., IE</p> <p>[71] INLECOM SYSTEMS LIMITED, GB</p> <p>[22] 2019-02-28</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285,650) 2019-02-26</p> <p>[30] FR (1901948) 2019-02-26</p> |
| <p style="text-align: right;">[21] 3,035,213 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2012.01)</p> <p>[25] EN</p> <p>[54] COOPERATIVE STOCK OPTIMIZATION FOR INTEGRATIVE SUPPLY CHAIN MANAGEMENT</p> <p>[54] OPTIMISATION COOPERATIVE DU STOCK POUR LA GESTION DE LA CHAINE D'APPROVISIONNEMENT INTEGREE</p> <p>[72] KATSOULAKOS, PANAYOTIS, GB</p> <p>[72] PALASKAS, ZISIS, GR</p> <p>[72] CHADHA, YASH, GB</p> <p>[72] TSAMPIERIS, NIKOLAOS, GR</p> <p>[71] INLECOM SYSTEMS LIMITED, GB</p> <p>[22] 2019-02-28</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285,515) 2019-02-26</p> <p>[30] FR (1901947) 2019-02-26</p> | <p style="text-align: right;">[21] 3,035,253 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2012.01)</p> <p>[25] EN</p> <p>[54] DYNAMIC DISTRIBUTED SMART CONTRACTING FOR PRODUCT TRANSPORT WITHIN A SUPPLY CHAIN</p> <p>[54] CONTRATS INTELLIGENTS DYNAMIQUES DISTRIBUES POUR TRANSPORT DE PRODUITS DANS UNE CHAINE D'APPROVISIONNEMENT</p> <p>[72] KARAKOSTAS, VASSILEIOS, GB</p> <p>[72] CHADHA, YASH, GB</p> <p>[72] FERGADIOTOU, IOANNA, GR</p> <p>[72] O'SULLIVAN, PATRICK J., IE</p> <p>[71] INLECOM SYSTEMS LIMITED, GB</p> <p>[22] 2019-02-28</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285,804) 2019-02-26</p> <p>[30] FR (1901949) 2019-02-26</p> | <p style="text-align: right;">[21] 3,035,373 [13] A1</p> <p>[51] Int.Cl. F16L 3/00 (2006.01) E21B 41/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ANCHORING MECHANISM FOR A FLOWLINE RESTRAINT SYSTEM</p> <p>[54] MECANISME D'ANCRAGE POUR UN SYSTEME DE RESTRICTION DE CONDUITE</p> <p>[72] HARRIS, DANIEL W., CA</p> <p>[72] HAMPTON, LESLIE G., CA</p> <p>[71] RIG-IT RESTRAINTS INC., CA</p> <p>[22] 2019-03-01</p> <p>[41] 2020-08-25</p> <p>[30] US (62/810,089) 2019-02-25</p> |

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- [25] EN
- [54] SYSTEM AND METHOD FOR
FACILITATING USE OF
COMMERCIAL OFF-THE-SHELF
(COTS) COMPONENTS IN
RADIATION-TOLERANT
ELECTRONIC SYSTEMS
- [54] SYSTEME ET PROCEDE POUR
FACILITER L'UTILISATION DES
COMPOSANTES DE
L'EQUIPEMENT COMMERCIAL
NON MODIFIE DANS LES
SYSTEMES ELECTRONIQUES
TOLERANTS AU RAYONNEMENT
- [72] JING, JIANG, CA
- [72] HUANG, QIANG, US
- [71] JING, JIANG, CA
- [22] 2019-04-23
- [41] 2020-08-25
- [30] US (62810237) 2019-02-25

[21] 3,040,826

[13] A1

- [51] Int.Cl. A47J 36/00 (2006.01) B65D
81/36 (2006.01)
- [25] EN
- [54] PAN IN COMBINATION WITH A
THERMAL BAG
- [54] PLAT AVEC SAC THERMIQUE
- [72] SARNOFF, NORTON, US
- [72] SARNOFF, DAVID, US
- [71] HANDI-FOIL CORP., US
- [22] 2019-04-23
- [41] 2020-08-27
- [30] US (16/286,735) 2019-02-27
- [30] US (16/353,498) 2019-03-14

[21] 3,054,906

[13] A1

- [51] Int.Cl. B25B 13/46 (2006.01)
- [25] EN
- [54] TOOL WITH DOUBLE LEAF
SPRING
- [54] OUTIL AVEC RESSORT A LAMES
DOUBLE
- [72] THOMPSON, CHRISTOPHER D., US
- [72] ROSS, DAVID T., US
- [71] SNAP-ON INCORPORATED, US
- [22] 2019-09-10
- [41] 2020-08-25
- [30] US (16/284,122) 2019-02-25

[21] 3,059,696

[13] A1

- [51] Int.Cl. A24C 5/06 (2006.01) A24C
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- [25] EN
- [54] COMPACTION APPARATUS AND
RELATED METHODS
- [54] APPAREIL DE TASSEMENT ET
PROCEDES CONNEXES
- [72] SIROIS, MIKE, CA
- [72] MUIR, ROD, CA
- [72] KAUFMANN, BEN, CA
- [72] SMITH, JESSICA KARA, CA
- [71] CANOPY GROWTH CORPORATION,
CA
- [22] 2019-10-23
- [41] 2020-08-25
- [30] US (62/810010) 2019-02-25
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[21] 3,062,528

[13] A1

- [51] Int.Cl. E02F 3/88 (2006.01) E02D
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- [25] EN
- [54] METHOD OF EXCAVATING A
TAILINGS LAGOON
- [54] PROCEDE D'EXCAVATION D'UN
LAGON RENFERMANT DES
RESIDUS
- [72] GOODWIN, RICHARD STANLEY,
GB
- [72] CHAPMAN, ANDREW, GB
- [72] WANASINGHE, MITHILA
THARANATH, GB
- [72] SMALLWOOD, GARRY, GB
- [72] O'NIEN, STEPHEN, GB
- [71] GOODWIN PLC, GB
- [22] 2019-11-22
- [41] 2020-08-27
- [30] GB (1902635.0) 2019-02-27
- [30] GB (1902726.7) 2019-02-28
- [30] GB (1914520.0) 2019-10-08

[21] 3,064,079

[13] A1

- [51] Int.Cl. B61L 27/00 (2006.01) B61L
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- [25] EN
- [54] REMOTE CONTROL
LOCOMOTIVE SYSTEMS AND
METHODS
- [54] SYSTEMES ET PROCEDES POUR
LOCOMOTIVE AVEC
TELECOMMANDE
- [72] JOVENALL, JEREMY, US
- [71] CATTRON NORTH AMERICA, INC.,
US
- [22] 2019-12-06
- [41] 2020-08-26
- [30] US (16/298,705) 2019-03-11
- [30] US (62/810,594) 2019-02-26

[21] 3,064,353

[13] A1

- [51] Int.Cl. F17C 7/00 (2006.01) A61M
16/10 (2006.01) A61M 16/20 (2006.01)
F17C 13/02 (2006.01)
- [25] EN
- [54] GAS DELIVERY DEVICE WITH
DEFORMABLE BAG AND
DIFFERENTIAL PRESSURE
SENSORS
- [54] DISPOSITIF DE LIVRAISON DE
GAZ AVEC SAC DEFORMABLE
ET CAPTEURS DE PRESSION
DIFFERENTIELLE
- [72] BOULANGER, THIERRY, US
- [71] L'AIR LIQUIDE SOCIETE
ANONYME POUR L'ETUDE ET
L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE, FR
- [22] 2019-12-09
- [41] 2020-08-27
- [30] EP (19 159 694.9) 2019-02-27

[21] 3,064,881

[13] A1

- [51] Int.Cl. F16D 7/00 (2006.01)
- [25] EN
- [54] REGULATING DEVICE FOR
TORQUE LIMITER
- [54] DISPOSITIF DE REGLEMENT
POUR LIMITEUR DE COUPLE
- [72] MEZZINO, GIACOMO, IT
- [72] AUDRITO, ANGELO, IT
- [72] TAFUNI, DOMENICO, IT
- [71] MICROTecnica S.R.L., IT
- [22] 2019-12-11
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| <p>[21] 3,065,464 [13] A1</p> <p>[51] Int.Cl. B23P 19/10 (2006.01) B64F 5/10 (2017.01) B64C 1/12 (2006.01) B64C 3/26 (2006.01) B64D 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BULKHEAD SHIMS FOR CURVILINEAR COMPONENTS</p> <p>[54] CALES DE CLOISON POUR COMPOSANTES CURVILIGNES</p> <p>[72] STARK, RICH L., US</p> <p>[72] LAKIC, BRANKO, US</p> <p>[72] PASIK, JARED MARVIN, US</p> <p>[72] WILLIAMS, DANIEL D., US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[22] 2019-12-18</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285798) 2019-02-26</p> |
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| <p>[21] 3,066,840 [13] A1</p> <p>[51] Int.Cl. B41J 2/185 (2006.01) B41J 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] INKJET PRINTER</p> <p>[54] IMPRIMANTE A JET D'ENCRE</p> <p>[72] IZAWA, HIDEO, JP</p> <p>[72] OYAMA, KOUICHI, JP</p> <p>[72] SATO, KAZUSHIGE, JP</p> <p>[72] KUSANAGI, MASARU, JP</p> <p>[72] MUTOH, MASATOSHI, JP</p> <p>[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP</p> <p>[22] 2020-01-07</p> <p>[41] 2020-08-26</p> <p>[30] JP (2019-033228) 2019-02-26</p> |
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| <p>[21] 3,067,151 [13] A1</p> <p>[51] Int.Cl. G06Q 10/00 (2012.01) G07C 5/08 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR TAIL-SPECIFIC PARAMETER COMPUTATION</p> <p>[54] SYSTEMES ET PROCEDES POUR CALCUL DES PARAMETRES PAR POINT D'ANCRAGE PRECIS</p> <p>[72] ROOT, ROBERT EDWIN, US</p> <p>[72] KAUL, CHARLES E., US</p> <p>[72] TYLEE, JAMES LOUIS, US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[22] 2020-01-07</p> <p>[41] 2020-08-25</p> <p>[30] US (16/284477) 2019-02-25</p> |
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[13] A1

[51] Int.Cl. G06Q 10/00 (2012.01) H04W 4/02 (2018.01) G06Q 40/02 (2012.01) H04W 4/30 (2018.01) H04W 4/38 (2018.01) G16Z 99/00 (2019.01) G06K 9/62 (2006.01)

[25] EN

[54] AUGMENTED REALITY SYSTEMS FOR FACILITATING REAL-TIME CHARITY DONATIONS

[54] SYSTEMES DE REALITE REHAUSSES POUR FACILITER LES DONS DE BIENFAISANCE EN TEMPS REEL

[72] MOSSOBA, MICHAEL, US

[72] SHAH, SALIK, US

[72] EDWARDS, JOSHUA, US

[71] CAPITAL ONE SERVICES, LLC, US

[22] 2020-02-03

[41] 2020-08-28

[30] US (16/288,830) 2019-02-28

[21] 3,071,170

[13] A1

[51] Int.Cl. A62C 37/50 (2006.01) A62C 35/68 (2006.01)

[25] EN

[54] SUPPRESSANT DETECTION BASED ON CAPACITIVE SENSING

[54] DETECTION D'AGENT EXTINGUEUR EN FONCTION DE CAPTEUR CAPACITIF

[72] SORATKAL, SREERAMYA, IN

[71] CARRIER CORPORATION, US

[22] 2020-02-04

[41] 2020-08-28

[30] IN (201911007926) 2019-02-28

[21] 3,071,308

[13] A1

[51] Int.Cl. A23J 1/10 (2006.01) A23K 20/142 (2016.01) A23J 1/00 (2006.01) A23J 3/30 (2006.01) A23J 3/32 (2006.01) A61K 38/01 (2006.01)

[25] FR

[54] COMPOSITION HIGH IN FREE AMINO ACIDS AND USE AS A RAW MATERIAL AND COMPLETE FEED FOR ANIMAL FEEDING

[54] COMPOSITION A HAUTES TENEURS EN ACIDES AMINES LIBRES ET UTILISATION EN TANT QUE MATIERE PREMIERE ET ALIMENT COMPLET POUR L'ALIMENTATION ANIMALE

[72] DUPERRAY, JOEL, FR

[72] SERGHERAERT, RENAUD, FR

[71] BRETAGNE CHIMIE FINE, FR

[22] 2020-02-06

[41] 2020-08-28

[30] FR (1902112) 2019-02-28

[21] 3,071,331

[13] A1

[51] Int.Cl. H05K 7/20 (2006.01) H01L 23/473 (2006.01)

[25] EN

[54] COOLING ARRANGEMENT HAVING PRIMARY AND SECONDARY COOLING DEVICES FOR COOLING AN ELECTRONIC DEVICE

[54] DISPOSITION DE REFROIDISSEMENT AVEC DISPOSITIFS DE REFROIDISSEMENT PRIMAIRE ET SECONDAIRE POUR REFROIDIR UN DISPOSITIF

[72] THIBAUT, CHRISTOPHE MAURICE, FR

[72] MAILLOT, PATRICK-GILLES, FR

[72] KLABA, HENRYK, FR

[71] OVH, FR

[22] 2020-02-07

[41] 2020-08-28

[30] EP (19315013.3) 2019-02-28

[21] 3,071,508

[13] A1

[51] Int.Cl. F17C 13/02 (2006.01) F17C 5/00 (2006.01) F17C 5/06 (2006.01) F17C 13/04 (2006.01)

[25] EN

[54] PROCESS AND DEVICE FOR FILLING TANKS WITH PRESSURIZED GAS

[54] PROCEDE ET DISPOSITIF POUR REMPLIR LES RESERVOIRS DE GAZ SOUS PRESSION

[72] FRANCOIS, THIBAUT, FR

[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

[22] 2020-02-05

[41] 2020-08-26

[30] FR (19 01 943) 2019-02-26

[21] 3,071,731

[13] A1

[51] Int.Cl. F04C 15/00 (2006.01) F01C 17/00 (2006.01)

[25] FR

[54] DISPLACEMENT PUMP WITH OFF-CENTRE PISTON

[54] POMPE VOLUMETRIQUE A PISTON EXCENTRE

[72] BESNIER, YANN, FR

[72] FONTAINE, ALEXIS, FR

[71] MOUVEX, FR

[22] 2020-02-06

[41] 2020-08-26

[30] FR (1901934) 2019-02-26

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[21] 3,072,834

[13] A1

[51] Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01) A61J 1/14 (2006.01) B65D 81/32 (2006.01)

[25] EN

[54] STERILE OR STERILIZED PACKAGE FOR ADMINISTRATION OF MEDICINAL OR NUTRITIONAL SUBSTANCES

[54] TROUSSE STERILE OU STERILISEE POUR ADMINISTRER DES SUBSTANCES MEDICINALES OU NUTRITIVES

[72] GOBBI FRATTINI, PAOLO GIUSEPPE, IT

[71] ADIENNE PHARMA & BIOTECH SA, CH

[22] 2020-02-18

[41] 2020-08-26

[30] IT (102019000002745) 2019-02-26

[21] 3,072,876

[13] A1

[51] Int.Cl. B66F 9/075 (2006.01) B62B 3/06 (2006.01) B66C 13/54 (2006.01)

[25] EN

[54] TELEHANDLER WITH IMPROVED CAB

[54] TELEMANIPULATEUR A CABINE AMELIOREE

[72] IOTTI, MARCO, IT

[71] MANITOU ITALIA S.R.L., IT

[22] 2020-02-19

[41] 2020-08-28

[30] IT (102019000002935) 2019-02-28

[21] 3,072,948

[13] A1

[51] Int.Cl. G05D 1/02 (2020.01) H04W 4/029 (2018.01) G08G 1/127 (2006.01)

[25] FR

[54] DEVICE FOR REMOTE MONITORING OF A FLEET OF AUTONOMOUS MOTOR VEHICLES AND ASSOCIATED TRANSPORT SYSTEM AND RESTRAINT PROCESS

[54] DISPOSITIF DE SURVEILLANCE A DISTANCE D'UNE FLOTTE DE VEHICULES AUTOMOBILES AUTONOMES SYSTEME DE TRANSPORT ET PROCEDE DE BRIDAGE ASSOCIES

[72] BEAUVILLAIN, ALEXIS, FR

[71] TRANSDEV GROUP, FR

[22] 2020-02-18

[41] 2020-08-25

[30] FR (19 01895) 2019-02-25

[21] 3,073,153

[13] A1

[51] Int.Cl. G05D 1/02 (2020.01) H04B 17/364 (2015.01) H04W 4/029 (2018.01) G08G 1/127 (2006.01)

[25] FR

[54] ELECTRONIC RESTRAINT DEVICE, MONITORING DEVICE, AUTONOMOUS MOTOR VEHICLE, ASSOCIATED TRANSPORT SYSTEM, RESTRAINT PROCESS AND COMPUTER PROGRAM PRODUCT

[54] DISPOSITIF ELECTRONIQUE DE BRIDAGE, DISPOSITIF DE SURVEILLANCE, VEHICULE AUTOMOBILE AUTONOME, SYSTEME DE TRANSPORT, PROCEDE DE BRIDAGE ET PRODUIT PROGRAMME ORDINATEUR ASSOCIES

[72] BEAUVILLAIN, ALEXIS, FR

[71] TRANSDEV GROUP, FR

[22] 2020-02-19

[41] 2020-08-25

[30] FR (19 01894) 2019-02-25

[21] 3,073,255

[13] A1

[51] Int.Cl. B60T 17/00 (2006.01) F15B 21/048 (2019.01)

[25] EN

[54] CONTROLLER APPARATUS AND METHOD FOR A COMPRESSED AIR SYSTEM

[54] DISPOSITIF ET PROCEDE DE COMMANDE DESTINES A UN SYSTEME D'AIR COMPRIME

[72] PFEFFERL, DAVID J., US

[72] CARRITTE, TIMOTHY, US

[72] SHAFFER, JASON V., US

[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US

[22] 2020-02-21

[41] 2020-08-28

[30] US (16/288,625) 2019-02-28

[21] 3,073,395

[13] A1

[51] Int.Cl. E21B 10/26 (2006.01) E21B 7/28 (2006.01)

[25] EN

[54] TAPERED JOINT FOR SECURING CONE ARM IN HOLE OPENER

[54] JOINT FUSELE POUR FIXER LE BRAS DE CONE DANS L'OUVERTURE DE TROU

[72] BIELAWA, TODD, US

[72] IRGENS, CHRISTOPHER, US

[72] HOODEK, ANDREW, US

[71] CENTURY PRODUCTS INC., US

[22] 2020-02-24

[41] 2020-08-25

[30] US (62/809984) 2019-02-25

[21] 3,073,397

[13] A1

[51] Int.Cl. B64C 5/08 (2006.01) B64C 3/56 (2006.01) B64C 5/10 (2006.01)

[25] EN

[54] AIRCRAFT WING WITH DISPLACEABLE WINGLET

[54] AILE D'UN AVION AVEC PENNE MOBILE

[72] XI, FENGFENG, CA

[72] MOOSAVIAN, AMIN, CA

[72] VIEIRA DE SA, JOSE, CA

[72] CAMPOS NARANJO, GABRIEL H., CA

[71] BOMBARDIER INC., CA

[22] 2020-02-20

[41] 2020-08-25

[30] US (62/809,795) 2019-02-25

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23 août 2020 au 29 août 2020

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| <p>[21] 3,073,402 [13] A1</p> <p>[51] Int.Cl. B65D 51/18 (2006.01) A61J 1/03 (2006.01) B65D 41/02 (2006.01) B65D 43/04 (2006.01) B65D 55/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CLOSURE SYSTEM FOR DISPLAYING CUSTOM IMPRINTED LINERS</p> <p>[54] SYSTEME DE FERMETURE POUR AFFICHER LES REVETEMENTS IMPRIMES PERSONNALISES</p> <p>[72] MICELI, DAVID A., US</p> <p>[72] MICELI, JOSEPH A., US</p> <p>[71] ALTIUM HEALTHCARE INC., US</p> <p>[22] 2020-02-24</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285,260) 2019-02-26</p> | <p>[21] 3,073,433 [13] A1</p> <p>[51] Int.Cl. H04W 52/00 (2009.01) H04W 52/02 (2009.01) H04W 88/02 (2009.01) H04B 17/318 (2015.01) H04W 76/28 (2018.01)</p> <p>[25] EN</p> <p>[54] CELLULAR MODEM WITH DYNAMIC LOW BATTERY VOLTAGE THRESHOLD CONTROL</p> <p>[54] MODEM CELLULAIRE AVEC CONTROLE DE SEUIL DE TENSION DE BATTERIE FAIBLE</p> <p>[72] NEMA, PRIYESH, US</p> <p>[72] CHIPPADA, JAYAKAR, US</p> <p>[72] MENDI, KRISHNA KISHORE, US</p> <p>[71] HONEYWELL INTERNATIONAL INC., US</p> <p>[22] 2020-02-21</p> <p>[41] 2020-08-25</p> <p>[30] US (62/809784) 2019-02-25</p> <p>[30] US (16/750073) 2020-01-23</p> | <p>[21] 3,073,532 [13] A1</p> <p>[51] Int.Cl. A47G 1/24 (2006.01) A47G 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] FRAME ASSEMBLY</p> <p>[54] ENSEMBLE DE CADRE</p> <p>[72] COYLE, ROBERT TERRY, JR., US</p> <p>[72] KRESSIN, MATTHEW SCOTT, US</p> <p>[72] BASTIAN, GEOFFREY WILLIAM, US</p> <p>[72] PYLE, MICHAEL LEE, US</p> <p>[72] YU, WEISHA, US</p> <p>[71] MCS INDUSTRIES, INC., US</p> <p>[22] 2020-02-20</p> <p>[41] 2020-08-25</p> <p>[30] US (16/284,243) 2019-02-25</p> |
| <p>[21] 3,073,418 [13] A1</p> <p>[51] Int.Cl. F03D 7/00 (2006.01) F16H 57/12 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR ADJUSTING AN ADJUSTMENT DEVICE OF A WIND POWER PLANT</p> <p>[54] PROCEDE POUR REGLER UN DISPOSITIF DE REGLAGE D'UN PARC EOLIEN</p> <p>[72] KRONBERGER, PETER, AT</p> <p>[72] FORTHUBER, FRIEDRICH, AT</p> <p>[72] FESTERLING, ALEXANDER, AT</p> <p>[71] B&R INDUSTRIAL AUTOMATION GMBH, AT</p> <p>[22] 2020-02-24</p> <p>[41] 2020-08-27</p> <p>[30] EP (19159737.6) 2019-02-27</p> | <p>[21] 3,073,435 [13] A1</p> <p>[51] Int.Cl. G05B 23/02 (2006.01) G01R 31/52 (2020.01) G01R 27/16 (2006.01)</p> <p>[25] EN</p> <p>[54] DETECTION OF LOOP RESISTANCE AND LEAKAGE CURRENT IN INPUT/OUTPUT (I/O) LOOP</p> <p>[54] DETECTION DE RESISTANCE DE BOUCLE ET COURANT DE FUITE EN LA BOUCLE D'ENTREE- SORTIE</p> <p>[72] RAWAT, SUPRIYA, US</p> <p>[72] PATHARE, SHARAD GITARAM, US</p> <p>[72] SINGH, SARABJIT, US</p> <p>[72] VIDWANS, ANANT VITTHAL, US</p> <p>[71] HONEYWELL INTERNATIONAL INC., US</p> <p>[22] 2020-02-21</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285384) 2019-02-26</p> | <p>[21] 3,073,533 [13] A1</p> <p>[51] Int.Cl. B05D 1/40 (2006.01) B05B 12/00 (2018.01)</p> <p>[25] EN</p> <p>[54] LIQUID DISTRIBUTION SYSTEM AND METHOD</p> <p>[54] SYSTEME ET PROCEDE DE DISTRIBUTION DU LIQUIDE</p> <p>[72] TAUBE, FRANK, US</p> <p>[72] SCHWEIZER, CHRIS, US</p> <p>[71] J&R DESIGN SYSTEMS, INC., US</p> <p>[22] 2020-02-24</p> <p>[41] 2020-08-25</p> <p>[30] US (62/809807) 2019-02-25</p> <p>[30] US (16/797838) 2020-02-21</p> |
| <p>[21] 3,073,427 [13] A1</p> <p>[51] Int.Cl. E06B 1/70 (2006.01)</p> <p>[25] EN</p> <p>[54] CONTINUOUS SILL FOR DOORS WITH SIDELITES</p> <p>[54] SEUIL CONTINU POUR PORTES DOTEES DE FENETRES LATERALES</p> <p>[72] HEADER, GREGORY A., US</p> <p>[71] HEADER, GREGORY A., US</p> <p>[22] 2020-02-23</p> <p>[41] 2020-08-23</p> <p>[30] US (16/283,766) 2019-02-23</p> | <p>[21] 3,073,435 [13] A1</p> <p>[51] Int.Cl. G05B 23/02 (2006.01) G01R 31/52 (2020.01) G01R 27/16 (2006.01)</p> <p>[25] EN</p> <p>[54] DETECTION OF LOOP RESISTANCE AND LEAKAGE CURRENT IN INPUT/OUTPUT (I/O) LOOP</p> <p>[54] DETECTION DE RESISTANCE DE BOUCLE ET COURANT DE FUITE EN LA BOUCLE D'ENTREE- SORTIE</p> <p>[72] RAWAT, SUPRIYA, US</p> <p>[72] PATHARE, SHARAD GITARAM, US</p> <p>[72] SINGH, SARABJIT, US</p> <p>[72] VIDWANS, ANANT VITTHAL, US</p> <p>[71] HONEYWELL INTERNATIONAL INC., US</p> <p>[22] 2020-02-21</p> <p>[41] 2020-08-26</p> <p>[30] US (16/285384) 2019-02-26</p> | <p>[21] 3,073,582 [13] A1</p> <p>[51] Int.Cl. A61M 5/24 (2006.01) A61M 5/28 (2006.01) A61M 5/31 (2006.01) A61M 5/50 (2006.01)</p> <p>[25] EN</p> <p>[54] MEDICAMENT INJECTOR AND INTERCHANGEABLE CARTRIDGES THEREFOR</p> <p>[54] INJECTEUR DE MEDICAMENTS ET SES CARTOUCHES INTERCHANGEABLES</p> <p>[72] SANGHYUCK KIM, DAVID, CA</p> <p>[72] TAK, DAMIEN, CA</p> <p>[71] DFINITY SOLUTIONS INC., CA</p> <p>[22] 2020-02-25</p> <p>[41] 2020-08-25</p> <p>[30] US (62810121) 2019-02-25</p> |

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[21] 3,073,587

[13] A1

[51] Int.Cl. B41J 3/00 (2006.01) B41J 2/01
(2006.01)

[25] EN

[54] METHODS FOR DIGITAL PRINTING ON PRODUCTS MADE FROM PAPER, POLYETHYLENE OR OTHER MATERIALS
[54] PROCEDES POUR IMPRESSION NUMERIQUE SUR DES PRODUITS FAITS DE PAPIER, DE POLYETHYLENE OU D'AUTRE MATERIAU

[72] KOHN, STEVE, US

[72] DEOLIVEIRA, LUIS, US

[71] KOHN, STEVE, US

[71] DEOLIVEIRA, LUIS, US

[22] 2020-02-25

[41] 2020-08-26

[30] US (16/285,375) 2019-02-26

[21] 3,073,663

[13] A1

[51] Int.Cl. B32B 3/10 (2006.01) B27K 5/00
(2006.01) B27M 3/00 (2006.01) B32B
5/12 (2006.01) B32B 7/08 (2019.01)
B32B 21/13 (2006.01) E04C 2/12
(2006.01)

[25] EN

[54] A WASTE-LESS CUT-LESS COMPOSED WOODEN PANEL FOR A WOODEN TIMBER BUILDINGS CONSTRUCTION

[54] PANNEAU EN BOIS A COUPE MOINDRE, SANS GASPILLAGE, POUR CONSTRUCTION DE BATIMENTS EN BOIS

[72] BISKUP, STANISLAV, CS

[71] BISKUP, STANISLAV, CS

[22] 2020-02-24

[41] 2020-08-28

[30] CS (PV 2019-124) 2019-02-28

[21] 3,073,667

[13] A1

[51] Int.Cl. C10C 3/04 (2006.01) D06N
5/00 (2006.01)

[25] EN

[54] UTILIZING PACKED COLUMNS FOR ASPHALT AIR BLOWING
[54] UTILISATION DE COLONNES ENTASSEES POUR SOUFFLER L'AIR SUR L'ASPHALTE

[72] TIBAH, DENIS MUKI, US

[72] BOSS, DANIEL E., US

[71] BUILDING MATERIALS INVESTMENT CORPORATION, US

[22] 2020-02-25

[41] 2020-08-26

[30] US (62/810788) 2019-02-26

[21] 3,073,670

[13] A1

[51] Int.Cl. C08L 101/12 (2006.01) B29C
64/165 (2017.01) B33Y 70/10 (2020.01)
B29C 45/00 (2006.01) C08K 3/00
(2018.01) C08K 3/04 (2006.01) C08K
7/00 (2006.01) G12B 17/02 (2006.01)
G12B 17/04 (2006.01)

[25] EN

[54] COMPOSITE MATERIAL FOR SHIELDING ELECTROMAGNETIC RADIATION, RAW MATERIAL FOR ADDITIVE MANUFACTURING METHODS AND A PRODUCT COMPRISING THE COMPOSITE MATERIAL AS WELL AS A METHOD OF MANUFACTURING THE PRODUCT

[54] MATERIAU COMPOSITE POUR BLINDAGE CONTRE LE RAYONNEMENT ELECTROMAGNETIQUE, MATIERE PREMIERE POUR PROCEDES DE FABRICATION ADDITIVE ET PRODUIT COMPRENANT LE MATERIAU COMPOSITE AINSI QUE PROCEDE DE FABRICATION DU PRODUIT

[72] ZDROJEK, MARIUSZ, PL

[72] JUDEK, JAROSLAW, PL

[72] JAKUBCZAK, KRZYSZTOF, PL

[72] DUZYNSKA, ANNA, PL

[72] ZERANSKA-CHUDEK, KLAUDIA,
PL

[72] WROBLEWSKA, ANNA, PL

[72] LAPINSKA, ANNA, PL

[71] NANOEMI SP. Z O.O., PL

[22] 2020-02-25

[41] 2020-08-28

[30] EP (19461516.7) 2019-02-28

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|---|--|---|
| <p style="text-align: right;">[21] 3,073,671</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G08B 17/10 (2006.01) H04W 4/38 (2018.01) G08B 19/00 (2006.01) G08B 21/12 (2006.01) G08B 25/10 (2006.01) G10L 15/00 (2013.01) H04R 1/08 (2006.01)</p> <p>[25] EN</p> <p>[54] INTERCONNECTING DETECTOR AND METHOD PROVIDING LOCATING CAPABILITIES</p> <p>[54] DETECTEUR D'INTERCONNEXION ET PROCEDE POUR FOURNIR LES CAPACITES DE LOCALISATION</p> <p>[72] DESJARDINS, PIERRE, CA</p> <p>[71] DESJARDINS, PIERRE, CA</p> <p>[22] 2020-02-25</p> <p>[41] 2020-08-27</p> <p>[30] US (62/810,985) 2019-02-27</p> | <p style="text-align: right;">[21] 3,073,681</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G01N 29/265 (2006.01) G01N 29/28 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR TESTING A WELD, AND ULTRASONIC PROBE ARRANGEMENT</p> <p>[54] PROCEDE POUR METTRE A L'ESSAI UNE SOUDURE, ET AGENCEMENT DE SONDE PAR ULTRASONS</p> <p>[72] BATTEMBERG, GUNTHER, DE</p> <p>[71] BATTEMBERG ROBOTIC GMBH & CO. KG, DE</p> <p>[22] 2020-02-25</p> <p>[41] 2020-08-25</p> <p>[30] DE (10 2019 104 654.8) 2019-02-25</p> <p>[30] DE (20 2020 100 206.6) 2020-01-16</p> | <p style="text-align: right;">[21] 3,073,706</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C23C 16/26 (2006.01) H01M 4/136 (2010.01) H01M 4/1397 (2010.01) H01M 4/62 (2006.01)</p> <p>[25] EN</p> <p>[54] POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE HAVING THE SAME AND LITHIUM SECONDARY BATTERY</p> <p>[54] MATIERE ACTIVE D'ELECTRODE POSITIVE, ELECTRODE POSITIVE LA COMPRENANT ET BATTERIE SECONDAIRE AU LITHIUM</p> <p>[72] MICHOT, CHRISTOPHE, FR</p> <p>[71] MICHOT, CHRISTOPHE, FR</p> <p>[22] 2020-02-26</p> <p>[41] 2020-08-26</p> <p>[30] US (62810872) 2019-02-26</p> |
| <p style="text-align: right;">[21] 3,073,673</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04L 9/32 (2006.01) H04L 9/06 (2006.01) H04L 12/16 (2006.01) H04L 12/66 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR NETWORK MANAGEMENT</p> <p>[54] SYSTEMES ET PROCEDES DE GESTION DU RESEAU</p> <p>[72] LOISEAU, FRANCOIS, FR</p> <p>[72] KLABA, MIROSLAW PIOTR, FR</p> <p>[71] OVH, FR</p> <p>[22] 2020-02-25</p> <p>[41] 2020-08-27</p> <p>[30] EP (19315009.1) 2019-02-27</p> | <p style="text-align: right;">[21] 3,073,684</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A47L 11/40 (2006.01) A47L 7/00 (2006.01) A47L 9/00 (2006.01) A47L 11/30 (2006.01) A47L 11/34 (2006.01)</p> <p>[25] EN</p> <p>[54] SURFACE CLEANING APPARATUS WITH DRYING CYCLE</p> <p>[54] APPAREIL DE NETTOYAGE DE SURFACE AVEC CYCLE DE SECHAGE</p> <p>[72] ASHBAUGH, KURT, US</p> <p>[72] PRUIETT, JASON W., US</p> <p>[72] MILLER, DAVID M., US</p> <p>[72] VANTONGEREN, TODD R., US</p> <p>[71] BISSELL INC., US</p> <p>[22] 2020-02-25</p> <p>[41] 2020-08-26</p> <p>[30] US (62/810,525) 2019-02-26</p> | <p style="text-align: right;">[21] 3,073,725</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G08B 25/00 (2006.01) G08B 3/00 (2006.01) G08B 5/36 (2006.01) G08B 21/12 (2006.01) H04B 3/54 (2006.01) H04N 7/18 (2006.01)</p> <p>[25] EN</p> <p>[54] REMOTE CONFINED WORK SPACE MONITORING SYSTEM AND METHOD</p> <p>[54] SYSTEME ET PROCEDE DE SURVEILLANCE DE L'ESPACE DE TRAVAIL CONFINE A DISTANCE</p> <p>[72] LAROCQUE, DARREN DEAN, CA</p> <p>[72] CHONKOLAY, CAREY SHAWN, CA</p> <p>[72] PAREDES, ROBERTO ALEJANDRO, CA</p> <p>[72] HAMILTON, DAVID JOHN, CA</p> <p>[71] IMPACT SAFETY SOLUTIONS LTD., CA</p> <p>[22] 2020-02-26</p> <p>[41] 2020-08-26</p> <p>[30] CA (3,035,029) 2019-02-26</p> |
| <p style="text-align: right;">[21] 3,073,676</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06N 20/00 (2019.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR OPERATING A DATA CENTER BASED ON A GENERATED MACHINE LEARNING PIPELINE</p> <p>[54] SYSTEMES ET PROCEDES POUR EXPLOITER UN CENTRE DE DONNEES AXE SUR UN PIPELINE D'APPRENTISSAGE AUTOMATIQUE GENERE</p> <p>[72] PARMENTIER, LAURENT, FR</p> <p>[72] NICOL, OLIVIER, FR</p> <p>[72] RANNOU, CHRISTOPHE, FR</p> <p>[71] OVH, FR</p> <p>[22] 2020-02-25</p> <p>[41] 2020-08-27</p> <p>[30] EP (19315010.9) 2019-02-27</p> | <p style="text-align: right;">[21] 3,073,700</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G10L 15/22 (2006.01) G10L 15/06 (2013.01)</p> <p>[25] EN</p> <p>[54] VOICE COMMAND DETECTION AND PREDICTION</p> <p>[54] DETECTION ET PREVISION PAR COMMANDE VOCALE</p> <p>[72] MIN, RUL, US</p> <p>[72] WANG, HONGCHENG, US</p> <p>[71] COMCAST CABLE COMMUNICATIONS, LLC, US</p> <p>[22] 2020-02-24</p> <p>[41] 2020-08-27</p> <p>[30] US (16/287,666) 2019-02-27</p> | |

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[21] **3,073,764**
[13] A1

[51] Int.Cl. B23Q 11/12 (2006.01) B23Q 11/10 (2006.01)
[25] EN
[54] METHODS AND DEVICES FOR MACHINING A CHILLED WORKPIECE
[54] PROCEDES ET DISPOSITIFS D'USINAGE D'UNE PIECE REFROIDIE
[72] BOROWICZ, CLIFFORD D., US
[71] THE BOEING COMPANY, US
[22] 2020-02-25
[41] 2020-08-28
[30] US (16/289,240) 2019-02-28

[21] **3,073,772**
[13] A1

[51] Int.Cl. F16L 37/48 (2006.01) A01G 23/10 (2006.01) F16L 21/035 (2006.01) F16L 37/04 (2006.01)
[25] EN
[54] SEALING CONNECTOR FOR FLUID COLLECTION SYSTEMS
[54] CONNECTEUR D'OBTURATION POUR LES SYSTEMES DE COLLECTE DE LIQUIDE
[72] THERRIEN, JEAN, CA
[72] TURCOTTE, GABRIEL, CA
[72] NADEAU, NICOLAS, CA
[71] MI INTEGRATION S.E.N.C., CA
[22] 2020-02-26
[41] 2020-08-27
[30] US (62/811,189) 2019-02-27

[21] **3,073,779**
[13] A1

[51] Int.Cl. E21B 33/03 (2006.01) E21B 33/068 (2006.01)
[25] EN
[54] UNIVERSAL ATMOSPHERIC DEPLOYMENT DEVICE
[54] DISPOSITIF DE DEPLOIEMENT ATMOSPHERIQUE UNIVERSEL
[72] MCGUIRE, BOB, US
[72] ARTHERHOLT, DANNY L., US
[72] CLAXTON, MICKEY, US
[72] MULLINS, BLAKE, US
[72] GRASSMANN, DARIN, US
[72] LIVINGSTON, JIMMY, US
[71] OIL STATES ENERGY SERVICES, L.L.C., US
[22] 2020-02-25
[41] 2020-08-28
[30] US (62/811,946) 2019-02-28

[21] **3,073,889**
[13] A1

[51] Int.Cl. A61M 16/10 (2006.01) A61K 9/72 (2006.01) A61K 33/00 (2006.01) A61M 16/12 (2006.01) A61P 29/00 (2006.01)
[25] FR
[54] SYSTEM FOR ADMINISTERING A GAS MIXTURE FOR COMBATING CHRONIC PAIN
[54] SYSTEME D'ADMINISTRATION D'UN MELANGE GAZEUX POUR LUTTER CONTRE UNE DOULEUR CHRONIQUE
[72] THOUVIER, STEPHANE, FR
[72] LECOURT, LAURENT, FR
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE, FR
[22] 2020-02-25
[41] 2020-08-27
[30] FR (19 02 001) 2019-02-27

[21] **3,073,890**
[13] A1

[51] Int.Cl. F16H 57/025 (2012.01) F16H 57/021 (2012.01) F16H 57/031 (2012.01) F03D 15/00 (2016.01)
[25] EN
[54] A GEAR SYSTEM
[54] SYSTEME D'ENGRENAGE
[72] KOPONEN, MIKKO, FI
[72] SAASTAMOINEN, JUSSI, FI
[71] MOVENTAS GEARS OY, FI
[22] 2020-02-27
[41] 2020-08-27
[30] EP (19159712.9) 2019-02-27

[21] **3,073,903**
[13] A1

[51] Int.Cl. F16L 55/172 (2006.01) F16L 21/06 (2006.01) F16L 25/04 (2006.01)
[25] EN
[54] PIPE COUPLING WITH PROTECTION AGAINST FASTENER SHEARING
[54] RACCORD DE TUYAUTERIE AVEC PROTECTION CONTRE LE CISAILLEMENT DE L'ORGANE D'ASSEMBLAGE
[72] CHIPROOT, AVI, IL
[71] KRAUSZ INDUSTRIES LTD., IL
[22] 2020-02-26
[41] 2020-08-26
[30] US (16/285,281) 2019-02-26

[21] **3,073,911**
[13] A1

[51] Int.Cl. A43B 5/16 (2006.01) A43B 23/16 (2006.01)
[25] EN
[54] SKATE WITH ASYMMETRIC TONGUE
[54] PATIN AVEC LANGUETTE ASYMETRIQUE
[72] CHARTRAND, DANIEL, CA
[71] SPORT MASKA INC., CA
[22] 2020-02-26
[41] 2020-08-27
[30] US (62/811,081) 2019-02-27

[21] **3,074,062**
[13] A1

[51] Int.Cl. E05C 9/04 (2006.01)
[25] EN
[54] KEY OVERRIDE FOR ELECTROMECHANICAL MULTI-POINT LATCHING DEVICE
[54] SURPASSEMENT CLE POUR APPAREIL DE VERROUILLAGE MULTIPOINT ELECTROMECANIQUE
[72] BOGDANOV, VICTOR, US
[72] ESCOBA, LIZA ALCALA, US
[71] SARGENT MANUFACTURING COMPANY, US
[22] 2020-02-27
[41] 2020-08-27
[30] US (62/811360) 2019-02-27

[21] **3,074,068**
[13] A1

[51] Int.Cl. B65H 35/07 (2006.01) B65H 16/06 (2006.01)
[25] EN
[54] HEAVY DUTY TAPE DISPENSER
[54] DISTRIBUTEUR DE RUBAN ULTRARESISTANT
[72] CARRION, HEIDI, US
[72] MISENER, AARON, US
[71] SHURTECH BRANDS, LLC, US
[22] 2020-02-27
[41] 2020-08-28
[30] US (16/289,338) 2019-02-28

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[21] 3,074,072

[13] A1

- [51] Int.Cl. B02C 7/08 (2006.01) B02C 7/02 (2006.01) B02C 7/16 (2006.01) B02C 23/04 (2006.01) B02C 23/08 (2006.01)
 [25] EN
 [54] CRUSHER
 [54] BROYEUR
 [72] BANO, CLAUDIO, IT
 [71] BANO, CLAUDIO, IT
 [22] 2020-02-26
 [41] 2020-08-27
 [30] IT (102019000002795) 2019-02-27
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[21] 3,074,079

[13] A1

- [51] Int.Cl. B02C 13/14 (2006.01)
 [25] EN
 [54] SHREDDER
 [54] DECHIQUEUTEUSE
 [72] BANO, CLAUDIO, IT
 [71] BANO, CLAUDIO, IT
 [22] 2020-02-26
 [41] 2020-08-27
 [30] IT (102019000002797) 2019-02-27
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[21] 3,074,080

[13] A1

- [51] Int.Cl. G01R 33/26 (2006.01)
 [25] FR
 [54] ISOTROPIC ALL-OPTICAL SCALAR MAGNETOMETER
 [54] MAGNETOMETRE SCALAIRE ISOTROPE ET TOUT OPTIQUE
 [72] LIEB, GAETAN, FR
 [72] PALACIOS LALOY, AGUSTIN, FR
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- [72] KNOOP, FRANK, DE
- [72] GUDEWER, WILKO, DE
- [72] KREIKENBAUM, JOAN, DE
- [71] WOBben PROPERTIES GMBH, DE
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 - [54] ELEMENT DE SECURITE ET PROCEDE DE FABRICATION D'UN ELEMENT DE SECURITE
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 - [72] CATHOMEN, ANJA, CH
 - [72] SCHULZ, CHRISTIAN, DE
 - [72] STAUB, RENE, CH
 - [72] WALTER, HARALD, CH
 - [71] LEONHARD KURZ STIFTUNG & CO. KG, DE
 - [71] OVD KINEGRAM AG, CH
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 - [54] PRODUCTION SYSTEM, PRODUCTION MODULE, METHOD FOR OPERATING AND SETTING UP A PRODUCTION LINE, AND METHOD FOR PRODUCING A WORKPIECE
 - [54] SYSTEME DE PRODUCTION, MODULE DE PRODUCTION, PROCEDE DE FONCTIONNEMENT ET DE REGLAGE D'UNE LIGNE DE PRODUCTION, ET PROCEDE DE FABRICATION D'UNE PIECE
 - [72] BAUERSACHS, LOTHAR, DE
 - [71] LANGENSTEIN & SCHEMANN GMBH, DE
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 - [72] SVAHN, MATHIAS GOSTA, SE
 - [71] NEXTCELL PHARMA AB, SE
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 - [72] TAJIK, ANASTASIA ANDREYEVNA, US
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 - [71] MAGIC LEAP, INC., US
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- [72] NOURELDIN, MAHMOUD BAHY MAHMOUD, SA
- [72] KAMEL, AKRAM HAMED MOHAMED, SA
- [72] ALNAJJAR, ABDULAZIZ A., SA
- [71] SAUDI ARABIAN OIL COMPANY, SA
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ANTIGEN-BINDING PROTEIN
[54] PROTEINE DE LIAISON A
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[72] KLUGE, MICHAEL, DE
[72] TESAR, MICHAEL, DE
[72] FUCEK, IVICA, DE
[72] ELLWANGER, KRISTINA, DE
[72] REUSCH, UWE, DE
[72] DAMRAT, MICHAEL, DE
[72] RAJKOVIC, ERICH, DE
[72] TREDER, MARTIN, DE
[71] AFFIMED GMBH, DE
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[54] APPAREIL DE FOND DE TROU
[72] DOCHERTY, DERRICK, GB
[72] REID, STEPHEN, GB
[71] WEATHERFORD U.K. LIMITED, GB
[85] 2020-08-05
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[54] ENSEMBLES ROUES
PLOMBEURS
[72] SMITH, MARK, CA
[71] SMITH, MARK, CA
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DERIVATIVES USEFUL AS
ANTICANCER AGENTS
[54] DERIVES DE
TETRAHYDROQUINAZOLINE
UTILES EN TANT QU'AGENTS
ANTICANCERUEUX
[72] CHEN, PING, US
[72] CHENG, HENGMIAO, US
[72] COLLINS, MICHAEL RAYMOND,
US
[72] LINTON, MARIA ANGELICA, US
[72] MADERNA, ANDREAS, US
[72] NAGATA, ASAKO, US
[72] PALMER, CYNTHIA, US
[72] PLANKEN, SIMON, US
[72] SPangler, JILLIAN ELYSE, US
[72] BROOUN, ALEXEI, US
[71] PFIZER INC., US
[85] 2020-08-05
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IMPROVED DROP RESISTANCE
AND IMPACT RESISTANCE
[54] EMBALLAGE SOUS PRESSION
PRESENTANT UNE RESISTANCE
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AMELIOREES
[72] DE CUYPER, DIRK, BE
[72] DIERICKX, WILLIAM, BE
[72] ANTHIERENS, TOM, BE
[71] RESILUX N.V., BE
[85] 2020-08-05
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CONVEYING CONTAINERS
[54] MACHINE DE TRAITEMENT OU
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CONTENEURS
[72] MARCANTONI, SIMONE, IT
[71] MAKRO LABELLING S.R.L., IT
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 - [54] **DOSE DETECTION SYSTEM MODULE FOR MEDICATION DELIVERY DEVICE**
 - [54] **MODULE DE DETECTION DE DOSE POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
 - [72] BAUER, BENJAMIN DAVID, US
 - [72] BLUM, TIMOTHY MARK, US
 - [72] BYERLY, ROY HOWARD, US
 - [72] CONCU, ANDREA, US
 - [72] CORTINOVIS, MARCO, US
 - [72] DEGAN, PAOLO, US
 - [72] JUDSON, JARED ALDEN, US
 - [72] MASSARI, ROSSANO CLAUDIO, US
 - [72] RINGENBERGER, KIMBERLY ANN, US
 - [72] SARDO, GIORGIO MARIA, US
 - [72] SEDIGHIAMIRI, AMIN, US
 - [72] VERGANI, MARCO, US
 - [71] ELI LILLY AND COMPANY, US
 - [85] 2020-08-05
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- [54] **LIGHTWEIGHT TRANSPORT, STORAGE AND DELIVERY SYSTEM**
- [54] **SYSTEME LEGER DE TRANSPORT, DE STOCKAGE ET DE DISTRIBUTION**
- [72] O'NEILL, KEVIN M., US
- [71] O'NEILL, KEVIN M., US
- [85] 2020-08-05
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 - [54] **TRAITEMENT DE L'HUILE**
 - [72] MAIWORM, MICHAEL, DE
 - [72] TARNOW, ARMIN WILLEM-FRIEDRICH HERMANN, NL
 - [71] CARGILL, INCORPORATED, US
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- [25] EN
- [54] **COMPOSITIONS AND METHODS FOR MODULATING INFLAMMATORY AND DEGENERATIVE DISORDER**
- [54] **COMPOSITIONS ET PROCEDES POUR LA MODULATION DE TROUBLE INFLAMMATOIRE ET DEGENERATIF**
- [72] EVSEENKO, DENIS, US
- [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
- [85] 2020-08-05
- [86] 2019-02-28 (PCT/US2019/020058)
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 - [54] **TRAILER FAIRING AND SYSTEM FOR IMPROVED AERODYNAMIC PERFORMANCE**
 - [54] **CARENAGE DE REMORQUE ET SYSTEME POUR PERFORMANCES AERODYNAMIQUES AMELIOREES**
 - [72] BRADLEY, CALVIN RHETT, US
 - [72] MORGAN, JUSTIN KANE, US
 - [71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
 - [85] 2020-08-05
 - [86] 2019-03-01 (PCT/US2019/020352)
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- [54] **DISSOLVED AIR FLOTATION SYSTEM AND METHODS FOR BIOLOGICAL NUTRIENT REMOVAL**
- [54] **SYSTEME DE FLOTATION A L'AIR DISSOUS ET PROCEDES D'ELIMINATION DE NUTRIMENTS BIOLOGIQUES**
- [72] ANTONNEAU, NATHAN, US
- [71] EVOQUA WATER TECHNOLOGIES LLC, US
- [85] 2020-08-05
- [86] 2019-03-12 (PCT/US2019/021735)
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| <p>[51] Int.Cl. H04N 7/24 (2011.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS OF CURRENT PICTURE REFERENCING FOR VIDEO CODING USING ADAPTIVE MOTION VECTOR RESOLUTION AND SUB-BLOCK PREDICTION MODE</p> <p>[54] PROCEDE ET APPAREIL DE REFERENCEMENT D'IMAGE ACTUELLE POUR UN CODAGE VIDEO UTILISANT UNE RESOLUTION DE VECTEUR DE MOUVEMENT ADAPTATIVE ET UN MODE DE PREDICTION DE SOUS-BLOC</p> <p>[72] LAI, CHEN-YEN, CN</p> <p>[72] LIN, ZHI-YI, CN</p> <p>[72] CHEN, CHING-YEH, CN</p> <p>[72] CHUANG, TZU-DER, CN</p> <p>[71] MEDIATEK INC., CN</p> <p>[85] 2020-08-06</p> <p>[86] 2019-02-11 (PCT/CN2019/074783)</p> <p>[87] (WO2019/154417)</p> <p>[30] US (62/629,204) 2018-02-12</p> <p>[30] US (62/742,474) 2018-10-08</p> <p>[30] US (62/747,170) 2018-10-18</p> |

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[54] VEHICULE DE TRANSPORT DE MATERIAUX
[72] DELTOMME, MARC, BE
[71] DELTO-PULL SPRL, BE
[85] 2020-08-06
[86] 2018-02-09 (PCT/EP2018/053345)
[87] (WO2019/154514)

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[54] VETEMENT PRESENTANT UNE STRUCTURE MODULAIRE
[72] BOHNEN, EILEEN, DE
[71] BOHNEN, EILEEN, DE
[85] 2020-08-06
[86] 2019-02-05 (PCT/EP2019/052700)
[87] (WO2019/158388)
[30] DE (20 2018 100 846.3) 2018-02-15

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[25] FR
[54] MULTI-USE TORASEMIDE COMPOSITION
[54] COMPOSITION MULTIUUSAGE DE TORASEMIDE
[72] MOREAU, MARINETTE, FR
[72] LEGO, ELODIE, FR
[71] VETOQUINOL SA, FR
[85] 2020-08-06
[86] 2019-02-15 (PCT/FR2019/050345)
[87] (WO2019/158873)
[30] FR (1851353) 2018-02-16

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[51] Int.Cl. G01M 11/02 (2006.01) G01M 11/00 (2006.01)
[25] EN
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[54] CARACTERISATION BASEE SUR FRONT D'ONDE DE SURFACES DE LENTILLE SUR LA BASE DE REFLEXIONS
[72] ROSEN, ROBERT, NL
[72] STATE, MIHAI, NL
[71] AMO GRONINGEN B.V., NL
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[54] PROCEDE PSYCHOPHYSIQUE POUR CARACTERISER DES SYMPTOMES VISEUX
[72] ROSEN, ROBERT, NL
[72] CANOVAS VIDAL, CARMEN, NL
[71] AMO GRONINGEN B.V., NL
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[87] (WO2019/155025)
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[54] FONCTIONNALISATION POST-POLYMERISATION DE GROUPES FONCTIONNELS PENDANTS
[72] BARTHOLOMEW, ERIC L., US
[72] BOTTORF, WILLIAM L., US
[72] HEIMBACH, KYLE R., US
[72] MILLER, BRANDON S., US
[72] WATERMAN, MICHAEL T., US
[72] ZAJACZKOWSKI, MICHAEL, US
[71] AVERY DENNISON CORPORATION, US
[85] 2020-05-07
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[30] US (62/607,437) 2017-12-19

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[25] EN
[54] HINGE AND METHOD FOR ADJUSTING A HINGE
[54] CHARNIERE ET PROCEDE POUR LE REGLAGE D'UNE CHARNIERE
[72] WARDI, FLORIAN, DE
[71] EMKA BESCHLAGTEILE GMBH & CO. KG, DE
[85] 2020-08-06
[86] 2019-02-20 (PCT/DE2019/100161)
[87] (WO2019/161845)
[30] DE (10 2018 103 741.4) 2018-02-20

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[25] EN
[54] CLOSURE HOLDER FOR A DOOR CLOSURE
[54] SUPPORT DE DISPOSITIF DE FERMETURE POUR UN DISPOSITIF DE FERMETURE DE PORTE
[72] WARDI, FLORIAN, DE
[71] EMKA BESCHLAGTEILE GMBH & CO. KG, DE
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[86] 2019-02-20 (PCT/DE2019/100163)
[87] (WO2019/161847)
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[25] EN

[54] SYSTEMS AND METHODS FOR PROVIDING AUGMENTED REALITY SUPPORT FOR VEHICLE SERVICE OPERATIONS

[54] SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UN SUPPORT DE REALITE AUGMENTEE POUR DES OPERATIONS D'ENTRETIEN DE VEHICULE

[72] YIN, DAVID WEI-CHENG, US

[72] RYAN JR., WILLIAM TIMOTHY, US

[72] MAIWALD, DIRK, US

[71] PACCAR INC, US

[85] 2020-08-06

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[87] (WO2019/156682)

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[25] EN

[54] ALLOGENEIC CAR-T PLATFORM USING HLA-MATCHED BANK OF IPSCS, AND RELATED COMPOSITIONS, SYSTEMS, AND METHODS

[54] PLATE-FORME CAR-T ALLOGENIQUE UTILISANT UNE BANQUE DE CELLULES SOUCHES PLURIPOTENTES INDUITES CORRESPONDANT AU SYSTEME HLA, ET COMPOSITIONS, SYSTEMES ET PROCEDES ASSOCIES

[72] SMITH, ROBIN Y., US

[72] GLICKSMAN, MARCIE A., US

[71] ORIG3N, INC., US

[85] 2020-08-06

[86] 2018-03-14 (PCT/US2018/022319)

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[30] US (62/553,550) 2017-09-01

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[25] EN

[54] IPSC-DERIVED SECRETOME COMPOSITIONS, AND RELATED SYSTEMS AND METHODS

[54] COMPOSITIONS DE SECRETOMES DERIVES DE CELLULES SOUCHES PLURIPOTENTES INDUITES, ET SYSTEMES ET PROCEDES ASSOCIES

[72] SMITH, ROBIN Y., US

[72] GLICKSMAN, MARCIE A., US

[71] ORIG3N, INC., US

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[86] 2018-03-14 (PCT/US2018/022325)

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[30] US (62/592,263) 2017-11-29

[30] US (62/595,447) 2017-12-06

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[25] EN

[54] SUBMARINE CABLE CONTROL BY USE OF VARIABLE SPECIFIC GRAVITY AND DIAMETER CABLES AND/OR EXTERNAL FORCES FOR CABLES USED WITH CABLE-PROPELLED MARINE VESSELS

[54] COMMANDE DE CABLE SOUS-MARIN AU MOYEN DE CABLES DE DENSITE ET DE DIAMETRE SPECIFIQUES VARIABLES ET/OU DE FORCES EXTERNES POUR DES CABLES UTILISES AVEC DES VAISSEAUX MARINS PROPULSES PAR CABLE

[72] ASKGARD, IVAN, CA

[71] STRAIT SOLUTIONS LTD., CA

[85] 2020-08-04

[86] 2019-02-07 (PCT/CA2019/050163)

[87] (WO2019/161483)

[30] US (62/633,231) 2018-02-21

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[25] EN

[54] SURGICAL ROBOTIC SYSTEM INCLUDING SYNCHRONOUS AND ASYNCHRONOUS NETWORKS AND A METHOD EMPLOYING THE SAME

[54] SYSTEME ROBOTIQUE CHIRURGICAL COMPRENANT DES RESEAUX SYNCHRONES ET ASYNCHRONES ET PROCEDE D'UTILISATION DE CELUI-CI

[72] KING, DANIEL, US

[72] ZAHINE, SAMIR, US

[72] ALMEIDA, NUNO, US

[71] COVIDIEN LP, US

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[54] MOTEUR A ROTOR EXTERNE

[72] LEE, HEI MAN, CN

[72] WANG, NAN, CN

[71] TECHTRONIC CORDLESS GP, US

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[86] 2018-02-14 (PCT/CN2018/076826)

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[25] EN
[54] RESOURCE TRANSFER BASED
ON NEAR FIELD
COMMUNICATION
[54] PROCEDE DE TRANSFERT DE
RESSOURCES BASE SUR UNE
COMMUNICATION EN CHAMP
PROCHE
[72] LIU, FENG, CN
[72] ZHAO, QI, CN
[71] BEIJING SANKUAI ONLINE
TECHNOLOGY CO., LTD, CN
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[87] (WO2019/153975)
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(2006.01) C07D 217/14 (2006.01)
C07D 221/04 (2006.01) C07D 401/08
(2006.01) C07D 401/12 (2006.01)
C07D 471/04 (2006.01)
[25] EN
[54] TETRAHYDROISOQUINOLINE
COMPOUND, PREPARATION
METHOD THEREFOR,
PHARMACEUTICAL
COMPOSITION CONTAINING
SAME, AND USE THEREOF
[54] COMPOSE DE
TETRAHYDROISOQUINOLEINE,
SON PROCEDE DE
PREPARATION, COMPOSITION
PHARMACEUTIQUE LE
CONTENANT ET UTILISATION
ASSOCIEE

[72] XU, YECHUN, CN
[72] LIU, HONG, CN
[72] TANG, WEI, CN
[72] ZHANG, XIANGLEI, CN
[72] GU, ZHANNI, CN
[72] LI, HENG, CN
[72] HAN, XU, CN
[72] ZHU, FENGHUA, CN
[72] FENG, CHUNLAN, CN
[72] DONG, GUANGYU, CN
[72] CHEN, TIANTIAN, CN
[72] CHEN, WUYAN, CN
[72] JIANG, HUALIANG, CN
[72] CHEN, KAIXIAN, CN
[71] SHANGHAI INSTITUTE OF
MATERIA MEDICA, CHINESE
ACADEMY OF SCIENCES, CN
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[30] CN (201810118038.7) 2018-02-06

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[25] EN
[54] ROBOT AND AUTOMATED
GUIDED VEHICLE
COMBINATION FOR ALUMINUM
FURNACE OPERATIONS
[54] COMBINAISON DE VEHICULE
GUIDE AUTOMATISE ET DE
ROBOT POUR DES OPERATIONS
DE FOUR A ALUMINIUM
[72] COTE, PATRICE, CA
[72] DESMEULES, JEAN-FRANCOIS, CA
[72] NERON, JEAN-BENOIT, CA
[71] DYNAMIC CONCEPT, CA
[85] 2020-07-29
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[87] (WO2019/204919)
[30] US (62/661,147) 2018-04-23
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[13] A1

[51] Int.Cl. H04W 72/04 (2009.01)
[25] EN
[54] TIME DOMAIN RESOURCE
ALLOCATION FOR DOWNLINK
SHARED CHANNEL
[54] ATTRIBUTION DE RESSOURCES
DE DOMAINE TEMPOREL POUR
CANAL PARTAGE DE LIAISON
DESCENDANTE
[72] LIN, ZHIPENG, CN
[72] LI, JINGYA, SE
[72] CHENG, JUNG-FU, US
[71] TELEFONAKTIEBOLAGET LM
ERICSSON (PUBL), SE
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[86] 2019-02-15 (PCT/CN2019/075284)
[87] (WO2019/158125)
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[13] A1

[51] Int.Cl. B65D 39/08 (2006.01) B65D 51/16 (2006.01)
[25] EN
[54] BUNG PLUG CLOSURE FOR BUNG-HOLE CONTAINERS
[54] FERMETURE A BOUCHON DE BONDE POURVUE D'UN ENSEMBLE SOUPAPE POUR CONTEINANTS A BONDE
[72] KLATT, BERND, DE
[71] SCHUTZ GMBH & CO. KGAA, DE
[85] 2020-08-06
[86] 2019-01-10 (PCT/EP2019/050521)
[87] (WO2019/158283)
[30] DE (10 2018 103 137.8) 2018-02-13

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[13] A1

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[25] EN
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[54] CATALYSEUR EFFICACE DANS LA CONVERSION OXYDATIVE DE L'ETHYLENE EN OXYDE D'ETHYLENE
[72] KARPOV, ANDREY, DE
[72] WALSDORFF, CHRISTIAN, DE
[72] KRAEMER, MICHAEL, DE
[72] LANGE DE OLIVEIRA, ARMIN, DE
[72] KRENNRICH, GERHARD, DE
[72] BARTOSCH, CHRISTIAN, DE
[72] ZUEHLKE, JUERGEN, DE
[71] BASF SE, DE
[85] 2020-08-06
[86] 2019-02-06 (PCT/EP2019/052866)
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[30] EP (18155531.9) 2018-02-07

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[13] A1

[51] Int.Cl. G01N 33/574 (2006.01) C12Q 1/6886 (2018.01) C07K 14/71 (2006.01)
[25] EN
[54] METHOD, DEVICE AND KIT FOR THE EARLY DETECTION OF BREAST CANCER
[54] METHODE, DISPOSITIF ET KIT DE DETECTION PRECOCE DU CANCER DU SEIN
[72] LIDIA, MARQUEZ MARQUEZ, ES
[71] LIDIA, MARQUEZ MARQUEZ, ES
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[86] 2019-02-18 (PCT/EP2019/053960)
[87] (WO2019/158749)
[30] EP (18382094.3) 2018-02-18

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[25] EN
[54] FILTER MEDIUM
[54] MATERIAU FILTRANT
[72] SCHMALZ, ELKE, DE
[71] TWE GMBH & CO. KG, DE
[85] 2020-08-05
[86] 2019-02-19 (PCT/EP2019/054093)
[87] (WO2019/158775)
[30] DE (10 2018 103 682.5) 2018-02-19

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[25] EN
[54] IMMUNOGENIC COMPOSITION COMPRISING STAPHYLOCOCCAL ANTIGENS
[54] COMPOSITION IMMUNOGENE COMPRENANT DES ANTIGENES STAPHYLOCOCCIQUES
[72] BAGNOLI, FABIO, IT
[72] GORAJ, CARINE, BE
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-08-06
[86] 2019-02-12 (PCT/EP2019/053463)
[87] (WO2019/158537)
[30] GB (1802339.0) 2018-02-13

[21] **3,090,611**
[13] A1

[51] Int.Cl. G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) G06Q 50/12 (2012.01) G06K 9/66 (2006.01) G06Q 10/00 (2012.01)
[25] EN
[54] A METHOD AND SYSTEM FOR CLASSIFYING FOOD ITEMS
[54] PROCEDE ET SYSTEME DE CLASSIFICATION DE PRODUITS ALIMENTAIRES
[72] ZORNES, MARC, GB
[72] DUFFY, KEVIN, GB
[72] WOOSNAM, DAVID, GB
[72] KREBS, PETER LEONARD, US
[72] PHAM, MINH-TRI, GB
[72] VO, PHONG, GB
[72] HAYNES, MARK, GB
[71] WINNOW SOLUTIONS LIMITED, GB
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[86] 2019-02-07 (PCT/GB2019/050338)
[87] (WO2019/155220)
[30] GB (180222.2) 2018-02-07

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[13] A1

[51] Int.Cl. C07K 1/16 (2006.01) C12N 15/10 (2006.01) G01N 30/34 (2006.01) G01N 30/46 (2006.01) B01D 61/14 (2006.01) C07K 1/34 (2006.01)
[25] EN
[54] APPARATUS FOR PROCESSING A LIQUID COMPRISING A TARGET SUBSTANCE
[54] APPAREIL DE TRAITEMENT D'UN LIQUIDE COMPRENANT UNE SUBSTANCE CIBLE
[72] HEISE, CHARLES, GB
[72] HAIGH, JONATHAN, GB
[72] NAGY, TIBOR, GB
[72] PULLEN, JAMES, GB
[72] TOPPING, ANDREW, GB
[71] FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED, GB
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[86] 2019-02-11 (PCT/GB2019/050351)
[87] (WO2019/158906)
[30] GB (1802593.2) 2018-02-16

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- [25] EN
- [54] METHODS PROVIDING QFI HARMONIZATION BETWEEN RAN AND 5GC AND RELATED WIRELESS TERMINALS, BASE STATIONS, AND CORE NETWORK NODES
- [54] PROCEDES D'HARMONISATION DE QFI ENTRE DES RESEAUX RAN ET 5GC, ET TERMINAUX SANS FIL, STATIONS DE BASE, ET NUDS DE RESEAU CENTRAL ASSOCIES
- [72] KAINULAINEN, JANI-PEKKA, FI
- [72] TIMNER, YLVA, SE
- [72] ENBUSKE, HENRIK, SE
- [72] SCHLIWA-BERTLING, PAUL, SE
- [71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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- [87] (WO2019/158699)
- [30] US (62/631423) 2018-02-15

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- [25] EN
- [54] GENE THERAPY OF THE FAAH PSEUDOGENE
- [54] THERAPIE GENIQUE DU PSEUDOGENE FAAH
- [72] COX, JAMES JOHN, GB
- [72] SRIVASTAVA, DEVJIT, GB
- [71] UCL BUSINESS LTD, GB
- [85] 2020-08-06
- [86] 2019-02-12 (PCT/GB2019/050368)
- [87] (WO2019/158909)
- [30] GB (1802326.7) 2018-02-13

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- [25] EN
- [54] SYNTHETIC RECEPTORS FOR IONOPHORIC COMPOUNDS
- [54] RECEPTEURS SYNTHETIQUES POUR COMPOSES IONOPHORES
- [72] ORNELIS, VINCENT, BE
- [72] MADDER, ANNEMIEKE, BE
- [72] DE SAEGER, SARAH, BE
- [72] RAJKOVIC, ANDREJA, BE
- [72] SAS, BENEDIKT, BE
- [71] UNIVERSITEIT GENT, BE
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- [86] 2019-02-27 (PCT/EP2019/054829)
- [87] (WO2019/166475)
- [30] EP (18158911.0) 2018-02-27

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- [25] EN
 - [54] INHIBITOR OF SETDB1 HISTONE METHYLTRANSFERASE FOR USE IN CANCER COMBINATION THERAPY
 - [54] INHIBITEUR DE L'HISTONE METHYLTRANSFERASE SETDB1 DESTINE A ETRE UTILISE DANS UNE POLYTHERAPIE ANTICANCEREUSE

[72] AMIGORENA, SEBASTIAN, FR
[72] BURBAGE, MARIANNE, FR
[72] ROOKHUIZEN, DEREK, FR
[71] INSTITUT CURIE, FR
[71] INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR

[85] 2020-08-06
[86] 2019-03-06 (PCT/EP2019/055536)
[87] (WO2019/170727)
[30] EP (18305234.9) 2018-03-06

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- [25] EN
- [54] APPARATUS AND METHOD FOR SLIPFORMING A SHAFT
- [54] APPAREIL ET PROCEDE POUR LE COFFRAGE COUILLANT D'UN ARBRE
- [72] HANLEY, EAMON, GB
- [71] SLIPFORM ENGINEERING LTD, GB
- [85] 2020-08-06
- [86] 2019-02-14 (PCT/GB2019/050398)
- [87] (WO2019/158928)
- [30] GB (1802385.3) 2018-02-14
- [30] GB (1816729.6) 2018-10-15

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[13] A1

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- [25] EN
 - [54] KETONE-ALDEHYDE MODIFIED RESIN AND PREPARATION PROCESS THEREOF
 - [54] RESINE MODIFIEE CETONE-ALDEHYDE ET SON PROCEDE DE PREPARATION
 - [72] KAI, WEIHUA, CN
 - [72] ZHAO, XI, CN
 - [72] XIE, SHIQI, CN
 - [71] GUANGDONG HUARUN PAINTS CO., LTD., CN
 - [85] 2020-08-06
 - [86] 2019-02-08 (PCT/IB2019/000155)
 - [87] (WO2019/155287)
 - [30] CN (201810139764.7) 2018-02-08

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- [25] EN
 - [54] METHOD AND DEVICE FOR PRODUCING A FOUNDATION ELEMENT IN THE GROUND
 - [54] PROCEDE ET DISPOSITIF POUR CONSTRUIRE UN ELEMENT DE FONDATION DANS LE SOL
 - [72] WENZL, PATRIK, DE
 - [71] BAUER SPEZIALTIEFBAU GMBH, DE
 - [85] 2020-08-06
 - [86] 2019-03-07 (PCT/EP2019/055684)
 - [87] (WO2019/211029)
 - [30] EP (18170765.4) 2018-05-04

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[51] Int.Cl. G01C 21/36 (2006.01) G06T
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[25] EN
[54] COMPUTER AIDED DRIVING
[54] CONDUITE AUTOMOBILE
ASSISTEE PAR ORDINATEUR
[72] NEHMADI, YOUVAL, IL
[72] UR, SHMUEL, IL
[72] BEN EZRA, SHAHAR, IL
[72] COHEN, RONNY, IL
[72] MANGAN, SHMUEL, IL
[72] WAGNER, MARK, IL
[71] VAYAVISION SENSING LTD., IL
[85] 2020-08-06
[86] 2018-01-30 (PCT/IL2018/050102)
[87] (WO2018/142394)
[30] US (62/455,656) 2017-02-06
[30] US (62/457,821) 2017-02-11

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[13] A1

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[25] EN
[54] EPOXY RESIN, EPOXY RESIN
COMPOSITION, EPOXY RESIN
CURED PRODUCT AND
COMPSITE MATERIAL
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[72] MARUYAMA, NAOKI, JP
[72] FUKUDA, KAZUMASA, JP
[72] TAKEZAWA, YOSHITAKA, JP
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[72] NAKAMURA, YUKI, JP
[71] HITACHI CHEMICAL COMPANY,
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[71] TORAY INDUSTRIES, INC., JP
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[54] DISPOSITIF D'ENERGIE
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[72] IORAMASHVILI, SOLOMON, GE
[72] KOCHLADZE, SHALVA, GE
[72] JINCHARADZE, DAVID
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[71] IORAMASHVILI, SOLOMON, GE
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[71] BERIDZE, ENRIKO, GE
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[54] COMPOSITION POUR LA
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[72] PARK, KI DUK, KR
[72] LEE, CHANGJÖON, KR
[72] PAE, AE NIM, KR
[72] OH, SOO-JIN, KR
[72] LIM, SANG MIN, KR
[72] PARK, JONG HYUN, KR
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METHODS
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[72] PETERS, LARS ERIK, US
[71] MYOCEPT INC., US
[85] 2020-08-06
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- [54] ELEMENTS DE DETECTION COMPRENANT DU NOIR DE CARBONE SUR LEQUEL SONT GREFFÉES DES NANOParticules d'OR
- [72] LEVARAY, NICOLAS, CA
- [72] OZHIKANDATHIL, JAYAN, CA
- [72] MASILAMANI, ASHOK PRABHU, CA
- [72] PANARELLO, TULLIO, CA
- [71] STRATUSCENT INC., CA
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- [54] DOPAMINE PRECURSORS
- [54] PRECURSEURS DE DOPAMINE
- [72] ATLAS, DAPHNE, IL
- [71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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- [54] DISPOSITIF D'AIDE AUDITIVE UTILISANT DES CAPTEURS POUR MODIFIER DE MANIERE AUTONOME UN MODE DE PUISSANCE DU DISPOSITIF
- [72] AASe, JONATHAN SARJEANT, US
- [72] RUPAREL, HARDIK, US
- [72] POLINSKE, BEAU, US
- [72] KLIMANIS, GINTS VALDIS, US
- [71] EARGO, INC., US
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- [54] FORMES CO-CRISTALLINES D'UN ANALOGUE DE NOVOBIOCINE ET DE PROLINE
- [72] JIANG, XIN, US
- [72] OALLING, JOHN ALLEN, US
- [72] BEVILL, MELANIE J., US
- [72] SEADEEK, CHRISTOPHER S., US
- [72] SMIT, JARED P., US
- [71] REATA PHARMACEUTICALS, INC., US
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- [54] METHOD FOR DETECTING THE PRESENCE OF A SMART CARD CLONING DEVICE IN AN AUTOMATIC PAYMENT AND/OR WITHDRAWAL TERMINAL AND RESPECTIVE AUTOMATIC PAYMENT AND/OR WITHDRAWAL TERMINAL
- [54] PROCEDE DE DETECTION DE LA PRESENCE D'UN DISPOSITIF DE CLONAGE DE CARTE A PUCE DANS UN TERMINAL DE PAIEMENT ET/OU DE RETRAIT AUTOMATIQUE, ET TERMINAL DE PAIEMENT ET/OU DE RETRAIT AUTOMATIQUE RESPECTIF
- [72] BELVISI, ALBERTO, IT
- [71] MADIC ITALIA S.P.A, IT
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- [54] PROCEDE ET SYSTEME DE DETERMINATION NON INTRUSIVE DE VARIATION TRANSVERSALE POUR UN CANAL FLUIDIQUE
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- [71] HALLIBURTON ENERGY SERVICES, INC., US
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- [72] RINGGENBERG, KYLE MARTIN, US
- [72] LAMKIN, JORDAN DAVID, US
- [71] LOCKHEED MARTIN CORPORATION, US
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- [72] LAMKIN, MARK A., US
- [72] RINGGENBERG, KYLE MARTIN, US
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- [72] MCGOWEN, STEVEN PATRICK, US
- [72] COYLE, JR., ROBERT TERRY, US
- [72] EHRHARDT, RICHARD JOSEPH, US
- [71] MCS INDUSTRIES, INC., US
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[54] APPAREIL A TUYAU-FLECHE
[72] MALMASSARI, JOSHUA LEE, US
[72] HUANG, XIAOLUN, US
[71] FEDERAL SIGNAL CORPORATION,
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[54] COMMANDE ADAPTATIVE DE
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[72] APOSHIAN, STEVEN, US
[72] ASTON, ERIC, US
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[72] DRAKE, SAMUEL, US
[71] FIREFLY AUTOMATIX, INC., US
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[86] 2019-01-31 (PCT/US2019/016142)
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MOLDED PRESSURE VESSELS
[54] RECIPIENTS SOUS PRESSION
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[71] ENPRESS LLC, US
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[30] US (62/627,235) 2018-02-07

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[54] METHOD, APPARATUS, AND
SYSTEM FOR PROVIDING AN
INTEGRATED BIOENERGY
COMPLEX TO PROCESS MIXED
SOLID WASTE
[54] PROCEDE, APPAREIL ET
SYSTEME POUR FOURNIR UN
COMPLEXE BIOENERGETIQUE
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[71] IBC TECHS, LLC, US
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[25] EN
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[54] APPAREIL ET PROCEDES DE
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FREQUENCE DE GENERATEUR
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[72] TAIMELA, PASI, US
[72] JOHNSON, ROBERT WILLIAM, JR.,
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[72] YANG, MENGBIN, US
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[71] FLEXGEN POWER SYSTEMS, INC.,
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[25] EN
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COMPOSITIONS COMPRISING
TEIXOBACTIN
[54] COMPOSITIONS
PHARMACEUTIQUES
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[72] CADETE PIRES, ANA CRISTINA, US
[72] DUAN, ARANDA RAE, US
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[71] NOVOBIOTIC
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END-OF-LIFE ORDERS WITH
SCRIPTED VIDEO
[54] AMELIORATION DE DIRECTIVES
MEDICALES PREALABLES ET
D'ORDRES DE FIN DE VIE A
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[72] MIRARCHI, FERDINANDO, US
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- [54] SYSTEMES ET PROCEDES D'ANALYSE ET D'INTERPRETATION DISTANTE D'IMAGES HISTOLOGIQUES OPTIQUES
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- [72] PANDIAN, BALAJI, US
- [72] FREUDIGER, CHRISTIAN, US
- [72] HOLLON, TODD, US
- [71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
- [71] INVENIO IMAGING, INC., US
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- [72] NOE, GUNTER, GB
- [71] PROSYS INTERNATIONAL LIMITED, GB
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- [30] GB (1801892.9) 2018-02-06

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- [25] EN
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- [54] PROCEDES ET SYSTEMES DE FABRICATION ADDITIVE
- [72] PACKIRISAMY, MUTHUKUMARAN, CA
- [72] HABIBI, MOHSEN, CA
- [71] VALORBEC SOCIETE EN COMMANDITE, CA
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- [54] ENSEMBLE POMPE ALTERNATIVE POUR LE DOSAGE, LE MELANGE ET LA DISTRIBUTION VOLUMETRIQUE
- [72] VACHON, STEEVE, CA
- [72] VACHON, CYRIL, CA
- [72] LAFOREST, LUC, CA
- [71] EQUIPEMENT DE CONTROLE CAPITAL INC., CA
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- [54] MULTIPLE LAYER FILAMENT AND METHOD OF MANUFACTURING
- [54] FILAMENT A COUCHES MULTIPLES ET PROCEDE DE FABRICATION
- [72] TEIPEL, BLAKE RYLAND, US
- [72] SWEENEY, CHARLES BRANDON, US
- [72] ZAHNER, BRYAN SCOTT, US
- [72] HOLDER, KEVIN MICHAEL, US
- [72] NAGABANDI, NIRUP, US
- [72] VANO, RYAN, US
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- [72] STOCKTON, ALEXANDER, US
- [71] ESSENTIUM, INC., US
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- [54] DISPOSITIFS ET PROCEDES D'INTRODUCTION D'UN TUBE ENDOTRACHEAL
- [72] RUNNELS, SEAN, US
- [72] ROBERGE, WILL, US
- [72] FOOG, BENJAMIN, US
- [71] THROUGH THE CORDS, LLC, US
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 - [54] ENSEMBLE GAINÉ D'INTRODUCTION ORIENTABLE AMELIORÉ
 - [72] SARABIA, JAIME EDUARDO, US
 - [71] 510 KARDIAC DEVICES, INC., US
 - [85] 2020-08-06
 - [86] 2019-02-08 (PCT/US2019/017243)
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 - [72] KRAYNEK, MICHAEL, US
 - [71] CRESTONE PEAK RESOURCES, US
 - [85] 2020-08-06
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 - [54] PROMEDICAMENTS DE MEBENDAZOLE A SOLUBILITE ET BIODISPONIBILITE ORALE AMELIOREES
 - [72] SLUSHER, BARBARA, US
 - [72] RAIS, RANA, US
 - [72] RIGGINS, GREGORY, US
 - [72] MAJER, PAVEL, CZ
 - [72] TICHY, TOMAS, CZ
 - [72] VAVRA, JAN, CZ
 - [72] JANCARIK, ANDREJ, CZ
 - [71] THE JOHNS HOPKINS UNIVERSITY, US
 - [71] INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR V.V.I., CZ
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 - [54] METHODS AND APPARATUS FOR ASSEMBLY OF MOMENT CONNECTION COMPONENTS
 - [54] PROCEDES ET APPAREIL D'ASSEMBLAGE D'ELEMENTS DE LIAISON DE MOMENT
 - [72] BOYD, JOHN S., US
 - [72] MAREK, KEVIN, US
 - [72] BELLMAN, ERIC, US
 - [72] SIMMONS, MAXWELL C., US
 - [72] SIMMONS, ROBERT J., US
 - [72] HOOD, BRIAN, US
 - [71] CONXTECH, INC., US
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 - [25] EN
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 - [54] PROCEDES POUR TESTER OU REGLER UN DETECTEUR DE PARTICULES CHARGEES, ET SYSTEMES DE DETECTION ASSOCIES
 - [72] VANGORDON, JAMES ARTHUR, US
 - [71] BIOMERIEUX, INC., US
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- [25] EN
- [54] METHODS FOR CONFIRMING CHARGED-PARTICLE GENERATION IN AN INSTRUMENT, AND RELATED INSTRUMENTS
- [54] PROCEDES DE CONFIRMATION DE GENERATION DE PARTICULES CHARGEES DANS UN INSTRUMENT, ET INSTRUMENTS ASSOCIES
- [72] VANGORDON, JAMES ARTHUR, US
- [71] BIOMERIEUX, INC., US
- [85] 2020-08-06
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[25] EN
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[54] SYSTEME, APPAREIL ET PROCEDE DE FILTRATION
[72] SZYMANSKI, MARK C., US
[72] CHIMIAK, MICHAEL A., US
[72] SHVETSOV, KYRYLO, US
[72] PEPE, GREGORY, US
[72] BONANO, SAMANTHA, US
[71] BUFFALO FILTER LLC, US
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[25] EN
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[54] CONNECTEUR A PUCE A BRASAGE RAPIDE POUR SYSTEMES MASSIFS D'ANTENNE A ENTREES MULTIPLES ET SORTIES MULTIPLES
[72] LIN, JESSE, US
[72] NAVSARIWALA, UMESH, US
[71] PC-TEL, INC., US
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[54] BOULON D'ANCRAGE
[72] EVANS, DAVID WILLIAM, AU
[71] DYWIDAG-SYSTEMS INTERNATIONAL PTY LIMITED, AU
[85] 2020-08-07
[86] 2019-02-08 (PCT/AU2019/050096)
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[54] FORMULATION ET PROCEDE D'UTILISATION
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[71] ATP INSTITUTE PTY LTD, AU
[85] 2020-08-07
[86] 2019-02-08 (PCT/AU2019/050097)
[87] (WO2019/153046)
[30] AU (2018900407) 2018-02-09

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[25] EN
[54] COMPOSITIONS AND THEIR USE IN THE TREATMENT OF ENDOMETRIOSIS AND PAIN
[54] COMPOSITIONS ET LEUR UTILISATION DANS LE TRAITEMENT DE L'ENDOMETROSE ET DE LA DOULEUR
[72] CASBOLT, LLEWELLYN STEPHEN FRANK, AU
[71] RR MEDSCIENCES PTY LTD, AU
[85] 2020-08-07
[86] 2019-02-09 (PCT/AU2019/050103)
[87] (WO2019/153051)
[30] AU (2018900412) 2018-02-09

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[25] EN
[54] MELTABLE LIGNIN COMPOSITIONS, METHOD FOR PRODUCING THEM AND THEIR USES
[54] COMPOSITIONS DE LIGNINE FUSIBLE, LEUR PROCEDE DE PRODUCTION ET LEURS UTILISATIONS
[72] LALEG, MAKHLOUF, CA
[72] JEMAA, NACEUR, CA
[72] WAFA AL DAJANI, WALED, CA
[72] ZHANG, YAOLIN, CA
[72] PALEOLOGOU, MICHAEL, CA
[71] FPINNOVATIONS, CA
[85] 2020-08-07
[86] 2019-02-07 (PCT/CA2019/050161)
[87] (WO2019/153085)
[30] US (62/628,358) 2018-02-09

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[13] A1

[51] Int.Cl. G06Q 20/00 (2012.01) G07G 1/12 (2006.01)
[25] EN
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[54] PAIEMENT PAR COMMUNICATION EN CHAMP PROCHE
[72] LIU, FENG, CN
[72] ZHAO, QI, CN
[71] BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD, CN
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[86] 2018-12-14 (PCT/CN2018/121153)
[87] (WO2019/153882)
[30] CN (201820221147.7) 2018-02-07

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[25] EN
[54] COMPOSITIONS COMPRISING CO-CRYSTALS OF STILBENOIDS AND CANNABINOIDS
[54] COMPOSITIONS COMPRENANT DES CO-CRISTAUX DE STILBENOÏDES ET DE CANNABINOÏDES
[72] BUSHFIELD, KEITH PATRICK, CA
[72] REHMAN, GLEN, CA
[71] NEUTRISCI INTERNATIONAL INC., CA
[85] 2020-08-07
[86] 2019-02-08 (PCT/CA2019/050166)
[87] (WO2019/153088)
[30] US (62/628,735) 2018-02-09

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[13] A1

[51] Int.Cl. B22F 9/08 (2006.01)
[25] EN
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[54] PROCEDES DE FABRICATION PAR ATOMISATION DE POUDRES DE METAL OU D'ALLIAGE A POINT DE FUSION ELEVE
[72] ST-LAURENT, SYLVAIN, CA
[72] CHEN, SHIZHU, CA
[72] LI, HUI, CA
[71] 5N PLUS INC., CA
[85] 2020-08-07
[86] 2019-02-12 (PCT/CA2019/050176)
[87] (WO2019/157594)
[30] US (62/631,286) 2018-02-15

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[25] EN
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[54] CAPTEUR ET PROCEDE DE DETECTION DE GAZ COMBUSTIBLE
[72] SAWADA, JAMES, CA
[71] SAWADA, JAMES, CA
[85] 2020-08-07
[86] 2019-02-18 (PCT/CA2019/050194)
[87] (WO2019/169476)
[30] US (62/638,132) 2018-03-03

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[25] EN
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[54] GENERATION ET IDENTIFICATION DE CODE BIDIMENSIONNEL
[72] YANG, CHONGLING, CN
[71] BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD, CN
[85] 2020-08-06
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[87] (WO2019/153867)
[30] CN (201810123416.0) 2018-02-07

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[51] Int.Cl. A47J 31/44 (2006.01)
[25] EN
[54] BEVERAGE PREPARATION MACHINE FOR BREWED BEVERAGES HAVING A COVER PLATE FOR COVERING AN OPENING FORMED IN A HOUSING WALL
[54] MACHINE POUR PREPARER DES BOISSONS DE TYPE INFUSIONS MUNIE D'UN CACHE AFIN DE COUVRIR UNE OUVERTURE MENAGEE DANS UNE PAROI DE CORPS
[72] BUTTIKER, PHILIPP, CH
[72] RUTTI, PASCAL, CH
[71] JURA ELEKTROAPPARATE AG, CH
[85] 2020-08-07
[86] 2019-02-22 (PCT/CH2019/000005)
[87] (WO2019/161513)
[30] DE (20 2018 101 006.9) 2018-02-23

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[25] EN
[54] SYSTEMS AND METHODS OF OPTIMIZING HVAC CONTROL IN A BUILDING OR NETWORK OF BUILDINGS
[54] SYSTEMES ET PROCEDES D'OPTIMISATION DE COMMANDE DE CVC DANS UN BATIMENT OU UN RESEAU DE BATIMENTS
[72] VENNE, JEAN-SIMON, CA
[71] BRAINBOX AI INC., CA
[85] 2020-08-07
[86] 2019-02-19 (PCT/CA2019/050195)
[87] (WO2019/157602)
[30] US (62/632,057) 2018-02-19

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[25] EN
[54] SYSTEMS AND METHODS FOR USE IN MANAGING DIGITAL IDENTITIES
[54] SYSTEMES ET PROCEDES A UTILISER POUR LA GESTION D'IDENTITES NUMERIQUES
[72] IYER, RANJITA SHANKAR, US
[72] REANY, ROBERT D., US
[72] KAMAL, ASHFAQ, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] POSITIVE ACTIVE MATERIAL AND LITHIUM-ION BATTERY
[54] MATERIAU ACTIF D'ELECTRODE POSITIVE ET BATTERIE AU LITHIUM-ION
[72] ZENG, QIAO, CN
[72] WANG, KEFEI, CN
[71] NINGDE AMPEREX TECHNOLOGY LIMITED, CN
[85] 2020-08-07
[86] 2018-12-21 (PCT/CN2018/122758)
[87] (WO2019/153909)
[30] CN (201810123144.4) 2018-02-07
[30] CN (201810779137.X) 2018-07-16

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[25] EN
[54] TREATMENT OF WOODEN MATERIALS
[54] TRAITEMENT DE MATERIAUX EN BOIS
[72] THOMAS, KELL, DK
[71] DANISH WOOD TECHNOLOGY A/S, DK
[85] 2020-08-07
[86] 2019-03-27 (PCT/DK2019/000117)
[87] (WO2019/185098)
[30] DK (PA 2018 00137) 2018-03-28

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[25] EN
[54] STEROID DERIVATIVE REGULATORS, METHOD FOR PREPARING THE SAME, AND USES THEREOF
[54] REGULATEUR DE DERIVE DE STEROIDE, SON PROCEDE DE PREPARATION ET SON UTILISATION
[72] SU, YIDONG, CN
[72] DENG, HAINING, CN
[72] CHEN, XIAOPO, CN
[72] BAO, RUDI, CN
[72] ZHANG, FUJUN, CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
[71] SHANGHAI HANSOH BIOMEDICAL CO., LTD., CN
[85] 2020-08-07
[86] 2019-01-31 (PCT/CN2019/074134)
[87] (WO2019/154257)
[30] CN (201810141153.6) 2018-02-11
[30] CN (201810180543.4) 2018-03-05
[30] CN (201810491114.9) 2018-05-21
[30] CN (201810771964.4) 2018-07-13
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[51] Int.Cl. C07K 16/28 (2006.01) A61P 31/14 (2006.01)
[25] EN
[54] ANTI-CLAUDIN 18.2 ANTIBODIES AND USES THEREOF
[54] ANTICORPS ANTI-CLAUDINE 18.2 ET LEURS UTILISATIONS
[72] LI, RUNSHENG, CN
[71] LANOVA MEDICINES LIMITED COMPANY, CN
[85] 2020-08-07
[86] 2019-05-20 (PCT/CN2019/087591)
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[13] A1

[51] Int.Cl. A61F 2/24 (2006.01) A61F 2/76 (2006.01)
[25] EN
[54] DEVICE FOR TESTING THE FUNCTIONING OF AN AORTIC VALVE
[54] DISPOSITIF POUR LE CONTROLE DU FONCTIONNEMENT D'UNE VALVE AORTIQUE
[72] CARRERO GOMEZ, FRANCISCO JAVIER, DE
[71] CARRERO GOMEZ, FRANCISCO JAVIER, DE
[71] SPANDAUVENTURES GMBH, DE
[71] BOGATZKI, MICHAEL, DE
[85] 2020-08-07
[86] 2019-02-05 (PCT/DE2019/100120)
[87] (WO2019/154461)
[30] DE (10 2018 102 940.3) 2018-02-09

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[25] EN
[54] A METHOD FOR MEASURING A SEDATION STATE OF A PATIENT
[54] PROCEDE DE MESURE D'UN ETAT DE SEDATION D'UN PATIENT
[72] IBOUANGA-KIPOUTOU, HAROLD NOBLE, FR
[72] BOUSSEN, SALAH, FR
[72] M' SIRDI, KOUIDER NACER, FR
[72] ARNOUX, PIERRE-JEAN, FR
[72] BRUDER, NICOLAS, FR
[72] BEHR, MICHEL, FR
[71] UNIVERSITE D'AIX-MARSEILLE (AMU), FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE MARSEILLE (AP-HM), FR
[71] UNIVERSITE GUSTAVE EIFFEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[86] 2019-01-25 (PCT/EP2019/051903)
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[54] GESTION DE LOGISTIQUE INTELLIGENTE A L'AIDE D'UNE CHAINE DE BLOCS
[72] CHENG, LONG, CN
[72] LI, YANPENG, CN
[71] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
[85] 2020-08-07
[86] 2019-12-13 (PCT/CN2019/125343)
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[13] A1

[51] Int.Cl. B01D 46/24 (2006.01) B01D 46/00 (2006.01) B01D 46/52 (2006.01)
[25] EN
[54] DIVIDED FLOW GUIDING DEVICE, CENTERING DEVICE, FILTER UNIT, METHOD FOR ASSEMBLING A FILTER UNIT AND METHOD FOR CLEANING
[54] DISPOSITIF DE GUIDAGE D'ÉCOULEMENT DIVISE, DISPOSITIF DE CENTRAGE, UNITE DE FILTRE, PROCEDE D'ASSEMBLAGE D'UNE UNITE DE FILTRE ET PROCEDE DE NETTOYAGE
[72] HANDTE, JAKOB, DE
[72] BISOGNI, DOMINICK, DE
[72] HUCKABY, RANDILYNE, DE
[72] LISTENBEE, RYAN, DE
[72] SIMINO, ADAM, DE
[72] WELLS, ALEX, DE
[72] VANGILDER, DANIEL, DE
[71] CAMFIL APC GMBH, DE
[85] 2020-08-07
[86] 2019-02-12 (PCT/EP2019/053443)
[87] (WO2019/158529)
[30] DE (10 2018 103 157.2) 2018-02-13

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[13] A1

[51] Int.Cl. G08B 21/24 (2006.01) G08B 25/00 (2006.01)
[25] EN
[54] INSTALLATION OF HYGIENE EQUIPMENT
[54] INSTALLATION D'EQUIPEMENT D'HYGIENE
[72] LINDSTROM, HAKAN, SE
[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
[85] 2020-08-07
[86] 2018-02-08 (PCT/EP2018/053158)
[87] (WO2019/154497)

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[25] EN
[54] RECYCLING
[54] RECYCLAGE
[72] ORESNIK, MITJA, BE
[72] DEMOTT, GERARD, BE
[71] KNAUF INSULATION SPRL, BE
[85] 2020-08-07
[86] 2019-02-06 (PCT/EP2019/052900)
[87] (WO2019/154851)
[30] GB (1801977.8) 2018-02-07

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[13] A1

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[25] EN
[54] EXTRUDER, FACILITY COMPRISING AN EXTRUDER, AND METHOD FOR PRODUCING TARGET POLYMER PRODUCTS CONSISTING OF A PLASTIC-CONTAINING MATERIAL FROM A SOLUTION USING SUCH AN EXTRUDER
[54] EXTRUDEUSE, SYSTEME COMPRENANT UNE EXTRUDEUSE, PROCEDE DE PRODUCTION DE PRODUITS POLYMERES CIBLES A PARTIR D'UN MATERIAU CONTENANT DU PLASTIQUE A PARTIR D'UNE SOLUTION A L'AIDE D'UNE TELLE EXTRUDEUSE
[72] GNAM, HANS-JURGEN, DE
[72] GLOOR, RENE, DE
[72] BALIKAVLAYAN, TAMER, DE
[71] DOMO ENGINEERING PLASTICS GMBH, DE
[85] 2020-08-07
[86] 2019-02-07 (PCT/EP2019/052960)
[87] (WO2019/154889)
[30] DE (10 2018 102 811.3) 2018-02-08

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[25] EN
[54] FLOW CELL FOR THE TREATMENT OF LIQUIDS
[54] CUVE A CIRCULATION POUR LE TRAITEMENT DE LIQUIDES
[72] ISAAK, JOHANN, DE
[72] STUTE, MARTIN, DE
[71] DEUTSCHE INSTITUT FUR LEBENSMITTELTECHNIK E.V., DE
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[86] 2019-02-11 (PCT/EP2019/053348)
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[30] DE (10 2018 202 369.7) 2018-02-15

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[25] EN
[54] SECTIONAL CONTROL FUNNEL BOX
[54] BOITE EN ENTONNOIR A COMMANDE EN COUPE
[72] PEDERSON, PEDER, US
[72] NYSTUEN, PAUL, US
[72] MERTINS, KARL-HEINZ, US
[71] INTELLIGENT AGRICULTURAL SOLUTIONS LLC, US
[85] 2020-08-06
[86] 2019-02-06 (PCT/US2019/016907)
[87] (WO2019/157093)
[30] US (62/626,960) 2018-02-06

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[51] Int.Cl. G01N 33/68 (2006.01) A61K 39/00 (2006.01) C07K 16/22 (2006.01) G01N 33/74 (2006.01)
[25] EN
[54] ADRENOMEDULLIN (ADM) FOR DIAGNOSIS AND/OR PREDICTION OF DEMENTIA AND ANTI-ADRENOMEDULLIN BINDER FOR USE IN THERAPY OR PREVENTION OF DEMENTIA
[54] ADRENOMEDULLINE (ADM) PERMETTANT LE DIAGNOSTIC ET/OU LA PREDICTION DE LA DEMENCE ET LIANT ANTI-ADRENOMEDULLINE A UTILISER DANS LA THERAPIE OU LA PREVENTION DE LA DEMENCE
[72] MELANDER, OLLE, SE
[71] SPHINGOTEC GMBH, DE
[85] 2020-08-07
[86] 2019-02-07 (PCT/EP2019/052982)
[87] (WO2019/154900)
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[25] EN
[54] AEROSOL GENERATION ARTICLE
[54] ARTICLE DE GENERATION D'AEROSOL
[72] YILMAZ, UGURHAN, GB
[72] POTTER, MARK, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-08-07
[86] 2019-02-15 (PCT/EP2019/053822)
[87] (WO2019/158698)
[30] GB (1802591.6) 2018-02-16

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[25] EN
[54] AEROSOL GENERATION ARTICLE
[54] ARTICLE DE GENERATION D'AEROSOL
[72] YILMAZ, UGURHAN, GB
[72] POTTER, MARK, GB
[71] NICOVENTURES TRADING LIMITED, GB
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[25] EN
[54] PROTON-ARC BEAM DELIVERY SYSTEM
[54] SYSTEME DE DELIVRANCE DE FAISCEAU EN ARC DE PROTONS
[72] SCHIPPERS, JACOBUS MAARTEN, CH
[71] PAUL SCHERRER INSTITUT, CH
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[86] 2019-01-17 (PCT/EP2019/051163)
[87] (WO2019/154605)
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[25] FR
[54] SAFETY DEVICE FOR A FIREARM
[54] DISPOSITIF DE SECURITE D'UNE ARME A FEU
[72] FRANSSEN, PASCAL, BE
[71] FN HERSTAL S.A., BE
[85] 2020-08-07
[86] 2019-02-07 (PCT/EP2019/052994)
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[51] Int.Cl. G01N 33/574 (2006.01)
[25] EN
[54] PATIENT CLASSIFICATION AND PROGNOSTIC METHOD
[54] PROCEDE DE CLASSIFICATION DE PATIENT ET DE PRONOSTIC
[72] SADANANDAM, ANGURAJ, GB
[72] NYAMUNDANDA, GIFT, GB
[72] YOUNG, KATE, GB
[72] SCARPA, ALDO, IT
[72] RAGULAN, CHANTHIRIKA, GB
[71] THE INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL, GB
[71] THE ROYAL MARSDEN NHS FOUNDATION TRUST, GB
[71] ARC-NET CENTRE FOR APPLIED RESEARCH ON CANCER UNIVERSITA DEGLI STUDI DI, IT
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[86] 2019-02-15 (PCT/EP2019/053845)
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[30] EP (18425009.0) 2018-02-16

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[25] FR
[54] TRIGGER MECHANISM FOR FIREARM
[54] MECANISME DE DEPART D'UNE ARME A FEU
[72] FRANSSEN, PASCAL, BE
[71] FN HERSTAL S.A., BE
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 - [25] EN
 - [54] OIL-IN WATER- EMULSIFIED FOOD COMPOSITION WITH MULBERRY EXTRACT
 - [54] COMPOSITION ALIMENTAIRE EMULSIFIEE HUILE DANS L'EAU AVEC EXTRAIT DE MURE DE MURIER
 - [72] ERMACORA, ALESSIA, NL
 - [72] SILVA PAES, SABRINA, NL
 - [72] VERHOEF, PETRA, NL
 - [71] UNILEVER PLC, GB
 - [85] 2020-08-07
 - [86] 2019-01-22 (PCT/EP2019/051443)
 - [87] (WO2019/154617)
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- [25] EN
- [54] PHARMACEUTICAL 6,5 HETEROBICYCLIC RING DERIVATIVES
- [54] DERIVES CYCLIQUES 6,5 HETEROBICYCLIQUES PHARMACEUTIQUES

- [72] HEER, JAG PAUL, GB
- [72] HALLSIDE, MICHAL SARAH, GB
- [72] SMALLEY, ADAM PETER, GB
- [72] LLAVERIA CROS, JOSEP, GB
- [72] LALLEMAND, BENEDICTE, BE
- [72] LOWE, MARTIN ALEXANDER, GB
- [72] LI, XIANFU, GB
- [72] RICHARDSON, ANTHONY JOHN, GB
- [72] TOWNSEND, ROBERT JAMES, GB
- [71] UCB BIOPHARMA SRL, BE
- [85] 2020-08-07
- [86] 2019-02-15 (PCT/EP2019/053893)
- [87] (WO2019/158731)
- [30] EP (18157247.0) 2018-02-16
- [30] EP (18184724.5) 2018-07-20

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 - [25] EN
 - [54] AUTOMATIC RIG CREATION PROCESS
 - [54] PROCEDE DE CREATION AUTOMATIQUE DE SQUELETTE
 - [72] ORVALHO, VERONICA, PT
 - [72] FERREIRA DE ABREU ALMEIDA, FILIPE JOSE, PT
 - [72] PEREIRA, HUGO, PT
 - [72] IORNS, THOMAS, PT
 - [72] MIRANDA, JOSE, PT
 - [71] DIDIMO, INC., PT
 - [85] 2020-08-07
 - [86] 2019-02-21 (PCT/EP2019/054390)
 - [87] (WO2019/162420)
 - [30] US (15/905,667) 2018-02-26
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- [25] EN
- [54] METHODS AND COMBINATION THERAPY TO TREAT BILIARY TRACT CANCER
- [54] PROCEDES ET POLYTHERAPIE POUR TRAITER LE CANCER DES VOIES BILIAIRES
- [72] OH, DO-YOUN, KR
- [71] ARRAY BIOPHARMA INC., US
- [85] 2020-08-07
- [86] 2019-02-12 (PCT/IB2019/051131)
- [87] (WO2019/155448)
- [30] US (62/629,616) 2018-02-12
- [30] US (62/728,559) 2018-09-07

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- [25] EN
- [54] PROCESS AND DEVICE FOR DIRECT THERMAL DECOMPOSITION OF HYDROCARBONS WITH LIQUID METAL IN THE ABSENCE OF OXYGEN FOR THE PRODUCTION OF HYDROGEN AND CARBON
- [54] PROCEDE ET DISPOSITIF DE DECOMPOSITION THERMIQUE DIRECTE D'HYDROCARBURES AVEC DU METAL LIQUIDE EN L'ABSENCE D'OXYGENE POUR LA PRODUCTION D'HYDROGENE ET DE CARBONE
- [72] ABANADES VELASCO, ALBERTO, ES
- [72] MUÑOZ ANTON, JAVIER, ES
- [72] MARTINEZ-VAL PENALOSA, JOSE MARIA, ES
- [72] GEISSLER, TOBIAS, DE
- [72] STOPPEL, LEONID, DE
- [72] DIETRICH, BENJAMIN, DE
- [72] PLEVAN, MICHAEL, DE
- [72] WETZEL, THOMAS, DE
- [71] UNIVERSIDAD POLITECNICA DE MADRID, ES
- [71] KARLSRUHER INSTITUT FUER TECHNOLOGIE, DE
- [85] 2020-08-07
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| <p style="text-align: right;">[21] 3,090,752</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H05B 6/68 (2006.01) A23L 2/12 (2006.01) A23L 3/01 (2006.01) A61N 5/02 (2006.01) B01J 19/08 (2006.01) H01Q 9/30 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR USE AND MEASUREMENT OF NON-THERMAL EFFECTS OF MICROWAVE RADIATION</p> <p>[54] SYSTEMES ET PROCEDES D'UTILISATION ET DE MESURE DES EFFETS NON THERMIQUES DE RAYONNEMENT MICRO-ONDE</p> <p>[72] GHANDI, KHASHAYAR, CA</p> <p>[71] GHANDI, KHASHAYAR, CA</p> <p>[85] 2020-08-07</p> <p>[86] 2018-02-21 (PCT/IB2018/000211)</p> <p>[87] (WO2018/154382)</p> <p>[30] US (62/461,626) 2017-02-21</p> |

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- [25] EN
- [54] TREATMENT OF CELIAC DISEASE WITH TOLERIZING PARTICLES
- [54] TRAITEMENT DE LA MALADIE CÉLIACIAQUE AVEC DES PARTICULES INDUISANT UNE TOLERANCE
- [72] GETTS, DANIEL R., US
- [71] COUR PHARMACEUTICALS DEVELOPMENT COMPANY INC., US
- [85] 2020-08-07
- [86] 2019-02-08 (PCT/US2019/017212)
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- [25] EN
- [54] A SYSTEM AND METHOD TO FUSE MULTIPLE SOURCES OF OPTICAL DATA TO GENERATE A HIGH-RESOLUTION, FREQUENT AND CLOUD-/GAP-FREE SURFACE REFLECTANCE PRODUCT
- [54] SYSTEME ET PROCEDE PERMETTANT DE FUSIONNER DE MULTIPLES SOURCES DE DONNEES OPTIQUES POUR GENERER UN PRODUIT DE REFLECTANCE DE SURFACE A HAUTE RESOLUTION, FREQUENT ET SANS NUAGE/ESPACE
- [72] GUAN, KAIYU, US
- [72] PENG, JIAN, US
- [72] LUO, YUNAN, US
- [71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
- [85] 2020-08-07
- [86] 2019-02-08 (PCT/US2019/017304)
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- [25] EN
- [54] COMPOSITION FOR PREVENTING OR TREATMENT OF STROKE
- [54] COMPOSITION POUR LA PRÉVENTION OU LE TRAITEMENT D'UN ACCIDENT VASCULAIRE CÉRÉBRAL
- [72] PARK, KI DUK, KR
- [72] LEE, CHANGJOON, KR
- [72] OH, SOO-JIN, KR
- [72] PAE, AE NIM, KR
- [72] LIM, SANG MIN, KR
- [72] PARK, JONG HYUN, KR
- [72] NAM, MIN-HO, KR
- [72] KIM, HYOUNG IHL, KR
- [72] PARK, JI YOUNG, KR
- [72] CHO, JONGWOOK, KR
- [71] NEUROBIOGEN CO., LTD., KR
- [85] 2020-08-07
- [86] 2019-04-01 (PCT/KR2019/003794)
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- [54] HYPERTONIC PHARMACEUTICAL COMPOSITIONS CONTAINING AN ANTI-PLATINUM CHEMOPROTECTANT AGENT
- [54] COMPOSITIONS PHARMACEUTIQUES HYPERTONIQUES CONTENANT UN AGENT CHIMIOPROTECTEUR ANTI-PLATINE
- [72] HU, QI-YING, US
- [72] LEE, JOHN, US
- [72] SHI, FUXIN, US
- [71] DECIBEL THERAPEUTICS, INC., US
- [85] 2020-08-07
- [86] 2019-02-08 (PCT/US2019/017334)
- [87] (WO2019/157370)
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- [25] EN
- [54] THERMOELECTRIC DEVICES BASED ON NANOPHONONIC METAMATERIALS
- [54] DISPOSITIFS THERMOELECTRIQUES A BASE DE METAMATERIAUX NANOPHONONIQUES
- [72] HUSSEIN, MAHMOUD, US
- [72] BERTNESS, KRISTINE A., US
- [72] BRANZ, HOWARD, US
- [72] WEBER, JOEL C., US
- [71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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- [25] EN
- [54] CHIMERIC ANTIGEN RECEPTORS FOR TREATMENT OF NEURODEGENERATIVE DISEASES AND DISORDERS
- [54] RECEPTEURS D'ANTIGENES CHIMERIQUES POUR LE TRAITEMENT DES MALADIES ET DES TROUBLES NEURODEGENERATIFS
- [72] SENTMAN, CHARLES, US
- [72] GRABER, DAVID, US
- [72] COOK, JAMES W., US
- [71] THE TRUSTEES OF DARTMOUTH COLLEGE, US
- [85] 2020-08-07
- [86] 2019-02-11 (PCT/US2019/017489)
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- [25] EN
- [54] HETERO CYCLIC P2Y14 RECEPTOR ANTAGONISTS
- [54] ANTAGONISTES HETERO CYCLIQUE DU RECEPTEUR P2Y14
- [72] JACOBSON, KENNETH A., US
- [72] YU, JINHA, US
- [72] CIANCETTA, ANTONELLA, IE
- [72] WEN, ZHIWEI, US
- [72] JUNG, YOUNG-HWAN, US
- [71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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- [54] MILIEU DE CONSERVATION ET DE CRYOCONSERVATION
- [72] ZYLBERBERG, CLAUDIA, US
- [71] AKRON BIOTECHNOLOGY, LLC, US
- [85] 2020-08-07
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- [25] EN
- [54] NON-HLA RESTRICTED T CELL RECEPTORS AND USES THEREOF
- [54] RECEPTEURS DE LYMPHOCYTES T NON RESTREINTS PAR HLA ET LEURS UTILISATIONS
- [72] SADELAIN, MICHEL, US
- [72] MANSILLA-SOTO, JORGE A., US
- [72] EYQUEM, JUSTIN, US
- [72] DOBRIN, ANTON, US
- [71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
- [85] 2020-08-07
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- [54] EXPANSION DE LYMPHOCYTES INFILTRANT LES TUMEURS (TIL) AVEC DES ANTAGONISTES DU RECEPTEUR A2A DE L'ADENOSINE ET COMBINAISONS THERAPEUTIQUES DE TIL ET D'ANTAGONISTES DU RECEPTEUR A2A DE L'ADENOSINE
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- [71] IOVANCE BIOTHERAPEUTICS, INC., US
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- [54] APPAREIL, SYSTEME ET PROCEDE POUR DES PRODUITS COMPRENANT DE LA FIBRE DE VERRE, UNE CHARGE, DES GRANULES OU DU BITUME
- [72] PALMER, ROBERT WILLIAM, US
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- [72] SHELTON, RANDELL GWEEN, US
- [71] SHINGLE RESOURCE RECYCLING, LLC, US
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- [72] CLAWSON, SCOTT WILLIAM, US
- [71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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- [72] TERP, MEGAN, US
- [71] ABBOTT LABORATORIES, US
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- [72] JACOBSEN, BRAD, US
- [72] RAWLUK, NICHOLAS J., US
- [72] RONEN, SHAI, US
- [71] MEDTRONIC XOMED, INC., US
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- [72] DORONINA, SVETLANA O., US
- [72] MOQUIST, PHILIP, US
- [71] SEATTLE GENETICS, INC., US
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- [71] KSR UNLIMITED LLC, US
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- [54] POLYTHERAPIE AVEC APILIMOD ET AGENTS GLUTAMATERGIQUES
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- [72] LANDRETTE, SEAN, US
- [72] YOUNG, PETER R., US
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- [71] AI THERAPEUTICS, INC., US
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- [72] KARP, HARVEY, US
- [72] LEE, ANGIE, US
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- [54] FILS DE NEUROSTIMULATION POUR STIMULATION NERVEUSE D'ESSAI ET PROCÉDES D'UTILISATION
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- [72] MARVICSIN, DAVID, US
- [72] DAVE, TRISHNA, US
- [71] AXONICS MODULATION TECHNOLOGIES, INC., US
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- [54] PROCÉDES D'ALIGNEMENT DE SOURCE DE LUMIÈRE D'UN INSTRUMENT, ET INSTRUMENTS ASSOCIES
- [72] MACGREGOR, IAN, US
- [72] COLLINS, SCOTT, US
- [72] LOH, JO-ANN, US
- [72] LOVETTE, SPENCER, US
- [72] VIOLETTE, ANDY, US
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- [72] BULLOCK, JARED, US
- [71] BIOMERIEUX, INC., US
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 - [54] CONJUGUES CHIMIQUES DE DERIVES DE BLEU D'EVANS ET LEUR UTILISATION COMME AGENTS DE RADIOTHERAPIE ET D'IMAGERIE POUR LE CIBLAGE DU CANCER DE LA PROSTATE
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 - [72] WEISS, ORIT JACOBSON, US
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 - [54] FRAISAGE FLASH A L'INTERIEUR D'UNE CELLULE DE FLOTTATION
 - [72] KALALA, JOHNNY TSHIBANGU, ZA
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 - [72] REED, MARK D., US
 - [71] HANDI-CRAFT COMPANY, US
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- [54] COMPOSES AROMATIQUES POLYCYCLIQUES ET PROCEDES DE PREPARATION ET D'UTILISATION ASSOCIES
 - [72] CHALIFOUX, WESLEY, US
 - [72] YANG, WENLONG, US
 - [72] HAMAL, KHAGENDRA, US
 - [72] SITAULA, PABAN, US
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- [72] KLUG, MICHAEL ANTHONY, US
- [71] MAGIC LEAP, INC., US
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 - [54] ENSEMBLES DE LENTILLES ADAPTATIVES COMPRENANT DES EMPILEMENTS DE LENTILLES A SELECTIVITE DE POLARISATION POUR AFFICHAGE A REALITE AUGMENTEE
 - [72] KOMANDURI, RAVI KUMAR, US
 - [72] OH, CHULWOO, US
 - [71] MAGIC LEAP, INC., US
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- [54] SYSTEMES ET PROCEDES PERMETTANT UN TRAITEMENT DYNAMIQUE D'OBJETS AU MOYEN D'ENSEMBLES PLATEAU BOITE
- [72] AMEND, JOHN RICHARD JR., US
- [72] MCMAHAN, WILLIAM CHU-HYON, US
- [72] ROMANO, JOSEPH, US
- [72] HINCHEY, VICTORIA, US
- [72] KING, JENNIFER EILEEN, US
- [72] WAGNER, THOMAS, US
- [71] BERKSHIRE GREY, INC., US
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 - [71] AUSUSA MEDICAL INNOVATIONS, AU
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- [72] PERTIERRA, JUAN P., US
- [72] RICHARDS, MARTIN J., US
- [71] DOLBY LABORATORIES LICENSING CORPORATION, US
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 - [54] CABLES ELECTRIQUES AERIENS ET LEUR PROCEDE DE FABRICATION
 - [72] BOSZE, ERIC J., US
 - [72] WEBB, WILLIAM, US
 - [72] PILLING, DOUGLAS A., US
 - [72] WONG, CHRISTOPHER, US
 - [71] CTC GLOBAL CORPORATION, US
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 - [54] UTILISATIONS THERAPEUTIQUES D'AGONISTES DE GLP1R
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 - [72] VALCARCE LOPEZ, MARIA CARMEN, US
 - [71] VTV THERAPEUTICS LLC, US
 - [85] 2020-08-07
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 - [54] PROCEDE ET DISPOSITIF DE CHIRURGIE DENTAIRE
 - [72] CASTLE, CAMERON GLENN, AU
 - [72] CASTLE, GLEN ALAN, AU
 - [72] OGLE, DAVID, AU
 - [71] CASTLE WALL PTY LTD, AU
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 - [30] AU (2018201058) 2018-02-13
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 - [54] VIRUS DE PSEUDORAGE POUR LE TRAITEMENT DE TUMEURS
 - [72] CHEN, YIXIN, CN
 - [72] WANG, GUOSONG, CN
 - [72] YUAN, QUAN, CN
 - [72] CAO, JIALI, CN
 - [72] LIN, LINA, CN
 - [72] XIA, NINGSHAO, CN
 - [71] XIAMEN UNIVERSITY, CN
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- [72] HERMANS, TY GERARD, AU
- [72] PETERSEN, BEN, AU
- [72] JUNG, MAYER, AU
- [72] GANNON, MICHAEL, AU
- [71] IP RESERVE PTY LTD, AU
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[25] EN
[54] COMPOUND ACTING AS ANTIBIOTICS
[54] COMPOSE AGISSANT EN TANT QU'ANTIBIOTIQUES
[72] HUANG, ZHENHUA, CN
[72] LI, LI, CN
[72] ZHANG, MIN, CN
[71] KBP BIOSCIENCES CO., LTD., CN
[85] 2020-08-10
[86] 2019-02-11 (PCT/CN2019/074771)
[87] (WO2019/154412)
[30] CN (201810138645.X) 2018-02-10
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[25] EN
[54] FIRE SUPPRESSION SPRINKLER AND DEFLECTOR
[54] GICLEUR D'INCENDIE ET DEFLECTEUR
[72] WANCHO, THOMAS F., US
[71] VICTAULIC COMPANY, US
[85] 2020-08-07
[86] 2019-02-22 (PCT/US2019/019213)
[87] (WO2019/173067)
[30] US (62/640,208) 2018-03-08

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[54] NOVEL MATERIAL AND HARDWARE TO AUTOMATICALLY CLEAN FLEXIBLE ELECTRONIC WEB ROLLS
[54] NOUVEAU MATERIAU ET COMPOSANT MATERIEL POUR NETTOYER AUTOMATIQUEMENT DES ROULEAUX DE BANDE ELECTRONIQUE FLEXIBLES
[72] STARK, MARK M., US
[72] HUMPHREY, ALAN E., US
[71] INTERNATIONAL TEST SOLUTIONS, INC., US
[85] 2020-08-07
[86] 2019-02-22 (PCT/US2019/019292)
[87] (WO2019/165305)
[30] US (62/634,545) 2018-02-23

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[13] A1

[51] Int.Cl. H04W 36/00 (2009.01)
[25] EN
[54] BANDWIDTH PART OPERATION DURING HANDOVER PROCEDURE
[54] FONCTIONNEMENT DE PARTIE DE BANDE PASSANTE PENDANT UNE PROCEDURE DE TRANSFERT INTERCELLULAIRE
[72] KUANG, QUAN, DE
[72] SUZUKI, HIDETOSHI, JP
[72] TAO, MING-HUNG, DE
[72] BHAMRI, ANKIT, DE
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2020-08-10
[86] 2019-01-14 (PCT/EP2019/050822)
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[30] EP (18157042.5) 2018-02-15

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[54] INHIBITORS OF PROTEIN ARGININE METHYLTRANSFERASE 5 (PRMT5), PHARMACEUTICAL PRODUCTS THEREOF, AND METHODS THEREOF
[54] INHIBITEURS DE PROTEINE ARGININE METHYLTRANSFERASE 5 (PRMT5), LEURS PRODUITS PHARMACEUTIQUES ET PROCEDES ASSOCIES

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[72] LI, JIN, CN
[72] YANG, MINMIN, CN
[71] PHARMABLOCK SCIENCES (NANJING), INC., CN
[85] 2020-08-06
[86] 2019-03-08 (PCT/US2019/021497)
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[25] EN
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[54] SYSTEMES ET PROCEDES DE FOURNITURE DE L'IDENTIFICATION MOBILE D'INDIVIDUS
[72] LENTINI, JOSEPH ROBERT, US
[72] MANLEY, RONALD RICHARD, US
[72] MEYERS, JOHN CHARLES, US
[72] ROTHSTEIN, AVRON K., US
[71] GENERAL DYNAMICS INFORMATION TECHNOLOGY, INC., US
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 [25] EN
 [54] PHARMACEUTICAL COMPOSITIONS COMPRISING BISPECIFIC ANTIBODIES DIRECTED AGAINST CD3 AND CD20 AND THEIR USES
 [54] COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES ANTICORPS BISPECIFIQUES DIRIGÉS CONTRE CD3 ET CD20 ET LEURS UTILISATIONS
 [72] VALBJOERN, JESPER, DK
 [72] HARLOW, LENE S., DK
 [72] CLAUSEN, JACOB D., DK
 [72] JENSEN, METTE H., DK
 [72] CIMANDER, CHRISTIAN, DK
 [72] MADSEN, PETER J., DK
 [71] GENMAB A/S, DK
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 [87] (WO2019/155008)
 [30] EP (18156050.9) 2018-02-09
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 [25] EN
 [54] COLLISION DETECTION METHOD
 [54] PROCEDE DE DETECTION DE COLLISION
 [72] BHUTANI, ANKIT, US
 [72] CAMDEN, RICHARD S., US
 [72] KNODE, GALEN E., US
 [71] LUTRON TECHNOLOGY COMPANY LLC, US
 [85] 2020-08-07
 [86] 2019-02-25 (PCT/US2019/019423)
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 [25] EN
 [54] USE OF 5-FLUORO-4-(4-FLUORO-2-METHOXYPHENYL)-N-{4-[S-METHYLSULFONIMIDOYL]METHYL}PYRIDIN-2-YL}PYRIDIN-2-AMINE FOR TREATING DIFFUSE LARGE B-CELL LYMPHOMA
 [54] UTILISATION DE 5-FLUORO-4-(4-FLUORO-2-METHOXYPHENYL)-N-{4-[S-METHYLSULFONIMIDOYL]METHYL}PYRIDIN-2-YL}PYRIDIN-2-AMINE POUR TRAITER UN LYMPHOME DIFFUS A GRANDES CELLULES B
 [72] SCHOLZ, ARNE, DE
 [71] BAYER AKTIENGESELLSCHAFT, DE
 [71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
 [85] 2020-08-10
 [86] 2019-02-12 (PCT/EP2019/053407)
 [87] (WO2019/158517)
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 [25] EN
 [54] METHOD FOR PRODUCING A MULTI-LAYER SUBSTRATE
 [54] PROCEDE DE FABRICATION D'UN SUBSTRAT MULTICOUCHE
 [72] BOCHNIA, ROLAND, DE
 [72] STRENGER, STEFAN, DE
 [72] BONGERS, RAINER, DE
 [72] ECKERS, MARIO, DE
 [71] HENKEL AG & CO. KGAA, DE
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 [86] 2019-02-07 (PCT/EP2019/053056)
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 [25] EN
 [54] ACTUATOR DEVICE FOR A WIND TURBINE, WIND TURBINE AND ASSEMBLY METHOD
 [54] DISPOSITIF ACTIONNEUR POUR UNE EOLIENNE, EOLIENNE ET PROCEDE DE MONTAGE
 [72] ALTMIKUS, ANDREE, DE
 [71] WOBBIEN PROPERTIES GMBH, DE
 [85] 2020-08-10
 [86] 2019-03-01 (PCT/EP2019/055195)
 [87] (WO2019/166648)
 [30] DE (10 2018 104 731.2) 2018-03-01
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 [54] TISSU RESISTANT A L'ABRASION
 [72] HENSSEN, GIOVANNI JOSEPH IDA, NL
 [71] DSM IP ASSETS B.V., NL
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 [25] EN
 [54] PIVOT COUPLING
 [54] COUPLAGE PIVOTANT
 [72] SCHICKER, OWEN, NZ
 [71] FLEXIDRILL LIMITED, NZ
 [85] 2020-08-10
 [86] 2019-02-15 (PCT/IB2019/051217)
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[25] EN
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[54] ADENOVIRUS MODIFIES
[72] PARKER, ALAN, GB
[72] UUSI-KERTTULA, HANNI, FI
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD, GB
[85] 2020-08-10
[86] 2019-02-13 (PCT/GB2019/050380)
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[25] EN
[54] INTRAVAGINAL DEVICE AND USES THEREOF
[54] DISPOSITIF INTRAVAGINAL ET SES UTILISATIONS
[72] STERNBERG, REBECCA, IL
[72] ITALIANO, VERED, IL
[72] MESSER, VARDA, IL
[71] AQUAFIT INTIMATE LTD., IL
[85] 2020-08-10
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[30] IL (258017) 2018-03-11

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[54] APPAREIL A ULTRASONS POUR APPLIQUER MECANIQUEMENT DES ONDES ULTRASONORES DE MANIERE EFFICACE
[72] KAMENKO, VYACHESLAV, IL
[71] SONNEXT LTD., IL
[85] 2020-08-10
[86] 2019-02-15 (PCT/IL2019/050185)
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[25] EN
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[54] PROCEDES ET DISPOSITIFS PERMETTANT D'ELIMINER DES DONNEES INDESIDABLES PROVENANT DE DONNEES D'ORIGINE
[72] DALE, ROBERT JOHN, GB
[72] THORP, JOHN ALAN, GB
[71] THE SECRETARY OF STATE FOR FOREIGN & COMMONWEALTH AFFAIRS GCHQ, GB
[85] 2020-08-10
[86] 2019-02-14 (PCT/GB2019/000025)
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[25] EN
[54] TRIAZINE DERIVATIVES FOR TREATING DISEASES RELATING TO NEUROTROPHINS
[54] DERIVES DE TRIAZINE POUR LE TRAITEMENT DE MALADIES ASSOCIEES A DES NEUROTROPHINES
[72] NORDVALL, GUNNAR, SE
[72] FORSELL, PONTUS, SE
[71] ALZCURE PHARMA AB, SE
[85] 2020-08-10
[86] 2019-02-26 (PCT/GB2019/050523)
[87] (WO2019/162702)
[30] SE (1850217-9) 2018-02-26
[30] GB (1810667.4) 2018-06-28

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[25] EN
[54] PROCESS FOR PREPARING A CERAMIC ARTICLE CONTAINING SLUDGE
[54] PROCEDE DE PREPARATION D'UN ARTICLE EN CERAMIQUE CONTENANT DES BOUES
[72] KAMP, KORSTIAAN PETRUS WILLEM, NL
[72] DE GIER, GERT JAN, NL
[71] HARBOUR STONE B.V., NL
[85] 2020-08-10
[86] 2019-02-12 (PCT/NL2019/050090)
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[30] NL (2020431) 2018-02-13
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[25] EN
[54] POLYAMINE POLYETHERS AS NONEMULSIFIER COMPONENTS
[54] POLYAMINES POLYETHERS UTILISES COMME CONSTITUANTS NON EMULSIFIANTS
[72] RECIO, ANTONIO, III, US
[72] HOLAN, KRISTINA, HENKEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2018-04-27 (PCT/US2018/029785)
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[54] CONTAINER WITH LINER
[54] RECIPIENT COMPRENANT UN
REVETEMENT INTERNE
[72] TYE, PAUL, GB
[71] GRAPHIC PACKAGING
INTERNATIONAL, LLC, US
[85] 2020-08-10
[86] 2018-07-17 (PCT/US2018/042431)
[87] (WO2019/177652)
[30] US (62/643,914) 2018-03-16
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[51] Int.Cl. H01L 21/3105 (2006.01) H01L
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[25] EN
[54] METHOD OF MANUFACTURING
WAFER LEVEL LOW MELTING
TEMPERATURE
INTERCONNECTIONS FOR A
WAFER BONDING ASSEMBLY
[54] PROCEDE DE FABRICATION
D'INTERCONNEXIONS A BASSE
TEMPERATURE DE FUSION A
NIVEAU DE TRANCHES D'UN
ENSEMBLE DE LIAISON DE
TRANCHES
[72] KILCOYNE, SEAN P., US
[72] MILLER, ERIC R., US
[72] GRAMA, GEORGE, US
[71] RAYTHEON COMPANY, US
[85] 2020-08-10
[86] 2018-08-21 (PCT/US2018/047250)
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[30] US (15/895,512) 2018-02-13

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[13] A1

[51] Int.Cl. B01F 7/18 (2006.01)
[25] EN
[54] MIXER APPARATUS FOR MIXING
A HIGH-VISCOSITY FLUID
[54] APPAREIL MELANGEUR
PERMETTANT DE MELANGER
UN FLUIDE A VISCOSITE
ELEVEE
[72] BRANDT, TRAVIS TODD, US
[72] ATKINSON, CODY ROY, US
[72] SCOGGINS, III, HOWARD W., US
[71] GREEN SHIELD PRODUCTS, LLC,
US
[85] 2020-08-10
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[25] EN
[54] READ CACHING WITH EARLY
REFRESH FOR EVENTUALLY-
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[72] JAIN, AYUSH, US
[72] KELLER, STEVEN A., US
[72] PRAJAPATI, NISHIL, US
[71] CITRIX SYSTEMS, INC., US
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[54] SEAUX A L'EPREUVE DES
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[72] MORRIS, GLENN H., JR., US
[71] M & M INDUSTRIES, INC., US
[85] 2020-08-10
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THREADED MEMBER, IN
PARTICULAR FOR A NUT
[54] DISPOSITIF DE RETENUE POUR
ORGANE FILETE, NOTAMMENT
POUR ECRU
[72] BEAUMEL, JONATHAN, FR
[72] MESSAGER, DENIS, FR
[72] MARC, DAMIEN, FR
[71] JPB SYSTEME, FR
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[25] EN
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AND/OR PREVENTING INJURY
OF A USER OF A COMPUTER
MOUSE
[54] DISPOSITIF POUR AUGMENTER
LA PERFORMANCE, LE
CONFORT ET/OU LA
PREVENTION D'UNE BLESSURE
D'UN UTILISATEUR D'UNE
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[72] ODMARK, OSKAR, SE
[72] SJODIN, JOHANNES, SE
[71] FLASHE GAMING GROUP AB, SE
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[54] BETON RENFORCE PAR DES
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[72] RYDE, RONALD FREDRICK, CA
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[25] EN
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COMPOUNDS, PREPARATION
METHOD AND USES THEREOF
[54] COMPOSE DE DIOXAZOLINE,
SON PROCEDE DE
PREPARATION ET SES
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[72] ZHANG, QIANG, CN
[72] YU, SHANNAN, CN
[72] WANG, ZHONGXIANG, CN
[72] FENG, SHOUYE, CN
[72] SUN, YUEMING, CN
[72] LIU, YANSHENG, CN
[72] ZHANG, HONGBO, CN
[72] YANG, LEIFU, CN
[72] YANG, HAILONG, CN
[72] ZHOU, LIKAI, CN
[72] ZHENG, NANQIAO, CN
[72] HU, CHENMING, CN
[72] XU, ZHANQIANG, CN
[71] BEIJING SCITECH-MQ
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[85] 2020-08-10
[86] 2019-01-25 (PCT/CN2019/073260)
[87] (WO2019/154133)
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[25] EN
[54] ANTI-PD-1/ANTI-VEGF NATURAL
ANTIBODY STRUCTURE-LIKE
HETERODIMERIC FORM
BISPECIFIC ANTIBODY AND
PREPARATION THEREOF
[54] ANTICORPS BISPECIFIQUE A
FORME HETERODIMERE DE
TYPE SIMILAIRE A UNE
STRUCTURE D'ANTICORPS
NATUREL ANTI-PD-1/ANTI-VEGF
ET PREPARATION ASSOCIEE
[72] YANG, YAPING, CN
[72] SONG, NANMENG, CN
[72] XIAO, WENCHU, CN
[72] LI, ZHENLEI, CN
[72] ZHANG, LINA, CN
[72] GU, MINGYUE, CN
[72] ZHAN, CHUNGUANG, CN
[72] LIU, JIAWANG, CN
[72] KIM, MAENGSUP, CN
[71] BEIJING HANMI
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[25] EN
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VERIFICATION SYSTEM AND
METHOD
[54] SYSTEME ET PROCEDE DE
VERIFICATION DE
TRANSACTION ET D'IDENTITE
[72] HART, KEVIN J., US
[72] KENNEDY, MICHAEL P., US
[72] DUNFORD, PAUL A., US
[71] GREEN CHECK VERIFIED INC., US
[85] 2020-08-10
[86] 2019-02-08 (PCT/US2019/017191)
[87] (WO2019/157267)
[30] US (62/627,918) 2018-02-08
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[54] FINANCIAL REGULATORY
COMPLIANCE PLATFORM
[54] PLATEFORME DE CONFORMITE
DE REGULATION FINANCIERE
[72] HART, KEVIN J., US
[72] KENNEDY, MICHAEL P., US
[72] DUNFORD, PAUL A., US
[71] GREEN CHECK VERIFIED INC., US
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COVER
[54] REMBOURRAGE DE SIEGE AVEC
HOUSSE TISSEE
[72] LEEDS, RICHARD M., US
[71] COMFORT CONCEPTS, LLC, US
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| [54] METHODES ET POSOLOGIES FAISANT APPEL A DE L'IBUDILAST ET A UN SECONDE AGENT POUR LA CANCEROTHERAPIE |
| [72] MATSUDA, KAZUKO, US |
| [72] MCDONALD, KERRIE, AU |
| [71] MEDICINOVA, INC., US |
| [85] 2020-08-10 |
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| [54] TECHNIQUES DE PREDICTION DE LA RECURRENCE DE CELLULES CANCEREUSES AU MOYEN D'UNE DETECTION D'IMPEDANCE |
| [72] GREGORY, WILLIAM DAVID, US |
| [71] NOVASCAN, INC., US |
| [85] 2020-08-10 |
| [86] 2019-02-28 (PCT/US2019/020089) |
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| [25] EN |
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| [54] SYSTEME ET PROCEDES DE PRODUCTION SIMULTANEE DE PRODUITS A L'AIDE DE VEHICULES GUIDES DE MANIERE INDEPENDANTE |
| [72] ROYCE, DANIEL RICHARD, US |
| [72] WEIL, DARRYL JOSEPH, II, US |
| [72] SAWIN, PHILIP ANDREW, US |
| [71] THE PROCTER & GAMBLE COMPANY, US |
| [85] 2020-08-10 |
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| [54] METHODS OF SUPPRESSING MYELOID-DERIVED SUPPRESSOR CELLS IN PATIENTS |
| [54] METHODES DE SUPPRESSION DE CELLULES SUPPRESSIVES MYELOIDES CHEZ DES PATIENTS |
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| [71] MEDICINOVA, INC., US |
| [85] 2020-08-10 |
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| [54] FIX SPRAY APPLICATION SYSTEM |
| [54] SYSTEME D'APPLICATION DE LIQUIDE |
| [72] NYE, JOHN R., US |
| [72] KRUGER, DIRK RENE, US |
| [71] FIXED SPRAY SYSTEMS, LLC, US |
| [85] 2020-08-10 |
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| [54] PROCEDE ET SYSTEME D'INDICATION DE LA PROBABILITE D'UN ETAT GASTRO-INTESTINAL |
| [72] MARSHALL, BARRY JAMES, AU |
| [72] WEBBERLEY, KATHERINE MARY, AU |
| [72] ALLWOOD, GARY ANDREW PETER, AU |
| [72] DU, XUHAO, AU |
| [72] WAN, WENCHAO, AU |
| [72] OSSEIRAN, ADAM, AU |
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- [54] CELLULES CAR-T ET MALADIES AUTO-IMMUNES
- [72] BLUESTONE, JEFFREY A., US
- [72] RAFFIN, CAROLINE, US
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
- [85] 2020-08-10
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- [54] A MODULAR AUTONOMOUS BOT APPARATUS ASSEMBLY FOR TRANSPORTING AN ITEM BEING SHIPPED
- [54] ENSEMBLE APPAREIL ROBOT AUTONOME MODULAIRE POUR TRANSPORTER UN ARTICLE EN COURS D'EXPÉDITION
- [72] SKAAKSrud, OLE-PETTER, US
- [72] MAYFIELD, FRANK, US
- [72] GATES, DANIEL, US
- [71] FEDEX CORPORATE SERVICES, INC., US
- [85] 2020-08-10
- [86] 2019-03-13 (PCT/US2019/021963)
- [87] (WO2019/178172)
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- [25] EN
- [54] SYSTEM AND METHOD FOR DRYING ORGANIC MATERIALS
- [54] SYSTEME ET PROCEDE DE SECHAGE DE MATERIAUX ORGANIQUES
- [72] PURDON, MICHAEL JOSEPH, US
- [72] ZARRABI, HASSAN ALI, US
- [71] DESEREST CORPORATION, US
- [85] 2020-08-10
- [86] 2019-02-12 (PCT/US2019/017618)
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- [25] EN
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- [54] SYSTEME ET PROCEDE DE GESTION DE CONSENTEMENT BASE SUR UNE CHAINE DE BLOCS
- [72] SRIVASTAVA, NEERAJ, CA
- [71] DLT LABS INC., CA
- [85] 2020-08-11
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- [87] (WO2019/153095)
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- [54] CAPTEUR INTEGRE POUR SURVEILLER LA DISTRIBUTION DE FLUIDE
- [72] WALSH, TIMOTHY ADAM, US
- [72] SANDMANN, CHRISTIAN, US
- [71] CAREFUSION 303, INC., US
- [85] 2020-08-10
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- [54] SPECTROMETRE DE MOBILITE IONIQUE ET PROCEDE D'ANALYSE D'IONS
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- [72] PAWLISZYN, JANUSZ, CA
- [71] JP SCIENTIFIC LIMITED, CA
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WITH IMAGE-BASED CONTROL
- [54] RESEAU D'ECLAIRAGE
ADAPTATIF A COMMANDE
BASEE SUR L'IMAGE
- [72] HALLACK, JASON D., US
- [72] LINTZ, JOSHUA D., US
- [72] FALB, DAVID M., US
- [72] GEERLINGS, KURTIS L., US
- [72] TONAR, WILLIAM L., US
- [72] HAMLIN, BRADLEY R., US
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- [72] VANVUUREN, MARK A., US
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- [71] GENTEX CORPORATION, US
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- [54] ELECTRONIC RODENT TRAP
WITH REMOTE MONITORING
CAPABILITY
- [54] PIEGE ELECTRONIQUE POUR
RONGEURS A CAPACITE DE
CONTROLE A DISTANCE
- [72] KLETZLI, PAUL, US
- [72] EBNER, MARK, US
- [72] BLAIR, CORY, US
- [72] KOZIAR, JR., PETER, US
- [71] WOODSTREAM CORPORATION, US
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- [54] COMPOSES MODIFIES ET LEURS
UTILISATIONS
- [72] SETH, PUNIT, US
- [72] OESTERGAARD, MICHAEL, US
- [72] MIGAWA, MICHAEL T., US
- [72] LIANG, XUE-HAI, US
- [72] SHEN, WEN, US
- [72] CROOKE, STANLEY T., US
- [72] SWAYZE, ERIC E., US
- [71] IONIS PHARMACEUTICALS, INC.,
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METHOD AND SYSTEM
COMBINED WITH SOIL
WASHING AND THERMAL
DESORPTION FOR TREATING
HIGH-CONCENTRATION OIL
SLUDGE
- [54] PROCEDE ET SYSTEME DE
NETTOYAGE ECOLOGIQUE ET
TRAITEMENT DE BOUE DE
PETROLE A HAUTE
CONCENTRATION AVEC
TECHNOLOGIE INTEGREE DE
DESORPTION THERMIQUE
- [72] YANG, QIFENG, CN
- [72] SONG, HAINONG, CN
- [72] ZHOU, YONGXIN, CN
- [72] LIN, HONGFEI, CN
- [72] LI, QIUJUN, CN
- [72] LIAO, CHANGJUN, CN
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 - [72] ZHU, JIANJIAN, CN
 - [72] DENG, YU, CN
 - [72] LIU, WEI, CN
 - [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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 - [87] (WO2019/154134)
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- [54] DISPOSITIF DE RACCORDEMENT POUR TRANSFERT DE FLUIDES EN CIRCUIT FERME
- [72] MCKINNON, AUSTIN JASON, US
- [72] IVOSEVIC, MILAN, US
- [71] BECTON DICKINSON AND COMPANY LIMITED, IE
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- [87] (WO2019/183071)
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- [54] BOUCHON D'UNITE EN VERRE ISOLANT ET PROCEDE D'INSTALLATION
- [72] BRIESE,, WILLIAM A., US
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 - [72] BURTON, MATHEW S., US
 - [72] CAMACHO, RENE GUERRERO, US
 - [72] RICE, RANDALL JOHN, US
 - [71] SIGNODE INDUSTRIAL GROUP LLC, US
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- [54] APPAREIL DE TRAITEMENT DE JETONS
- [72] MATSUI, NOBUHIRO, JP
- [72] OHKAWA, MASANORI, JP
- [72] WATANABE, MITSUO, JP
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 - [72] FARUKI, HAWAZIN, US
 - [72] MAYHEW, GREG, US
 - [72] LAI-GOLDMAN, MYLA, US
 - [72] PEROU, CHARLES, US
 - [71] GENECENTRIC THERAPEUTICS, INC., US
 - [71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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- [54] CHLORHYDRATE DE DERIVE DE BENZODIAZEPINE ET FORME CRISTALLINE, PROCEDE DE PREPARATION ET APPLICATION DE CELUI-CI
- [72] LI, QINGENG, CN
- [72] DUAN, CHEN, CN
- [72] WANG, TAO, CN
- [72] LIAO, JIAN, CN
- [72] LI, CHANGWEN, CN
- [72] HAO, CHAO, CN
- [71] JIANGSU NHWALUOKANG PHARMACEUTICAL RESEARCH AND DEVELOPMENT CO., LTD., CN
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 - [54] COMPOSITION LUBRIFIANTE ET PROCEDE DE PREPARATION DE LA COMPOSITION
 - [72] RIEFLER, RODGER SCOTT, US
 - [72] LEE, HOWARD, US
 - [72] CEBARA, CHELSEA, US
 - [71] SORSE TECHNOLOGY CORPORATION, US
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- [54] SYSTEME A BIOCAPTEURS D'INFRASONS ET PROCEDE ASSOCIE
- [72] BARNACKA, ANNA, US
- [71] MINDMICS, INC., US
- [85] 2020-08-10
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- [54] PROCEDE DE CODAGE DE DONNEES TRIDIMENSIONNELLES, PROCEDE DE DECODAGE DE DONNEES TRIDIMENSIONNELLES, DISPOSITIF DE CODAGE DE DONNEES TRIDIMENSIONNELLES ET DISPOSITIF DE DECODAGE DE DONNEES TRIDIMENSIONNELLES
- [72] SUGIO, TOSHIYASU, JP
- [71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[72] DAY, PASCAL, FR
[72] ARIANS, THOMAS, DE
[72] FRIESSLEBEN, REINHARD, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] PIVOTING UNIT FOR A TRACKING APPARATUS FOR SOLAR MODULES
[54] UNITE DE PIVOTEMENT POUR UN DISPOSITIF DE POURSUITE POUR DES MODULES SOLAIRES
[72] DECHANT, GABRIEL, DE
[71] SCHLEITTER INTERNATIONAL B.V., NL
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[72] KARAKUNNEL, M.D. JOYSON, US
[71] ARCUS BIOSCIENCES, INC., US
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[54] METHOD AND SYSTEM FOR VIDEO CONTRACTS
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[71] LEXIGOGO BVBA, BE
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[72] CHEN, YAO, JP
[72] HARADA, MASARU, JP
[72] TSUCHIKURA, HIROSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-08-10
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[54] DRY STRENGTH COMPOSITION, ITS USE AND METHOD FOR MAKING OF PAPER, BOARD OR THE LIKE
[54] COMPOSITION A RESISTANCE A SEC, SON UTILISATION ET PROCEDE DE FABRICATION DE PAPIER, DE CARTON OU SIMILAIRE
[72] HIETANIEMI, MATTI, FI
[72] KARPPA, ASKO, FI
[72] KONN, JONAS, FI
[71] KEMIRA OYJ, FI
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[86] 2019-01-18 (PCT/FI2019/050036)
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[25] EN
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[54] PROCESSUS AMELIORE D'ELIMINATION DE CONTAMINANTS
[72] VAN DE VYVER, STIJN, BE
[72] MATTON, ROBIN, BE
[72] VICTOR, KLAAS, BE
[71] TAMINCO BVBA, BE
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[25] EN
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[54] SYSTEME DE PRODUCTION D'ENERGIE A PARTIR DE LA FORCE DES VAGUES ET SON PROCEDE DE COMMANDE
[72] SUNG, YONG JUN, KR
[72] KIM, JONG YUN, KR
[71] INGINE, INC., KR
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 - [54] DISPOSITIF ET PROCEDE DE SIMULATION DE L'INJECTION DE SOLS
 - [72] CASTELLANZA, RICCARDO, IT
 - [72] ZENONI, STEFANIA, IT
 - [72] BALCONI, GABRIELE, IT
 - [72] PETTINAROLI, ANDREA MARIA ROMILDO, IT
 - [71] UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA, IT
 - [71] STUDIO ING. ANDREA PETTINAROLI S.R.L., IT
 - [85] 2020-08-11
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- [54] VEHICLE HEATING SYSTEM
- [54] SYSTEME DE CHAUFFAGE DE VEHICULE
- [72] ENGMAN, OLA, SE
- [71] NOR GREEN TECH CONCEPT AB, SE
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- [86] 2018-08-04 (PCT/SE2018/000018)
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 - [72] KIERSH, JEFF, US
 - [72] LEHMICKE, MICHAEL, US
 - [72] SHANE, CHRISTOPHER, US
 - [72] HAMEL, ROSS, US
 - [72] D'ANDREA, DOMINIC, US
 - [71] DEPUY SYNTHES PRODUCTS, INC., US
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- [54] PROCEDE DE FABRICATION DE COMPOSITIONS HEMOSTATIQUES
- [72] CHEN, SHUANG, CN
- [72] YU, AIBIN, CN
- [72] YU, JIANPING, CN
- [72] LI, YUFU, US
- [71] ETHICON, INC., US
- [71] GUANGZHOU BIOSEAL BIOTECH CO., LTD., CN
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 - [54] COOLING TOOL FOR AN EXTRUDER
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 - [72] KLEIN, FRIEDER, CH
 - [72] MAUCHLE, MARKUS, CH
 - [72] STRASSLE, STEFAN, CH
 - [72] WEINBERGER, MICHAEL, CH
 - [71] BUHLER AG, CH
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- [72] MDLAZI, LUNGILE, ZA
- [71] WEIR MINERALS AFRICA (PROPRIETARY) LIMITED, ZA
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 - [54] DISPOSITIF DE SURVEILLANCE POUR SURVEILLER UN PARAMETRE PHYSIOLOGIQUE ET PROCEDES ASSOCIES
 - [72] LE GUILLOU, YANN, FR
 - [72] BODINIER, QUENTIN, FR
 - [71] BIOSENCY, FR
 - [85] 2020-08-11
 - [86] 2019-02-15 (PCT/EP2019/053841)
 - [87] (WO2019/158704)
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 - [54] MATERIAU DE CONDITIONNEMENT PRESENTANT DES CARACTERISTIQUES D'ABSORPTION
 - [72] BATES, AARON, US
 - [71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
 - [85] 2020-08-10
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 - [87] (WO2019/190913)
 - [30] US (62/648,633) 2018-03-27
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 - [25] EN
 - [54] FITTING DEVICE FOR TIRE ASSEMBLY AND METHOD FOR MANUFACTURING TIRE ASSEMBLY
 - [54] DISPOSITIF D'AJUSTEMENT DE PNEUMATIQUE ET PROCEDE DE FABRICATION D'UN ENSEMBLE PNEUMATIQUE
 - [72] FUNATO, JUNJI, JP
 - [71] CENTRAL MOTOR WHEEL CO., LTD., JP
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 - [54] CLAPET ANTI-RETOUR ET CORPS A VA-ET-VIENT DE CLAPET ANTI-RETOUR
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 - [72] OUCHI, TAKESHI, JP
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- [54] PREDICTION DE COMPORTEMENT DE RESERVOIR DE PETROLE AU MOYEN D'UN MODELE D'ECOULEMENT DE SUBSTITUTION
- [72] MADASU, SRINATH, US
- [72] ZAGAYEVSKIY, YEVGENIY, US
- [72] WONG, TERRY, US
- [72] CAMILLERI, DOMINIC, US
- [72] WANG, CHARLES HAI, US
- [72] BECK, COURTNEY LEEANN, US
- [72] MAO, HANZI, US
- [72] DONG, HUI, US
- [72] VORA, HARSH BIREN, US
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| [71] HUMAN BY NATURE, FR |
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| [54] PROCEDE DE DECONTAMINATION D'UN MILIEU LIQUIDE AQUEUX CONTENANT DES MICROPOLLUANTS OU D'UNE SURFACE CONTAMINEE PAR DES MICROPOLLUANTS |
| [72] BARTHELEMY, PHILIPPE, FR |
| [72] CRAUSTE-MANCIET, SYLVIE, FR |
| [72] SICARD, MARC, FR |
| [71] UNIVERSITE DE BORDEAUX, FR |
| [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR |
| [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR |
| [71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR |
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| [72] JONES, IAN KEVIN, GB |
| [71] SYNGENTA PARTICIPATIONS AG, CH |
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| [72] OBRIST, LUKAS, CH |
| [71] SYNGENTA CROP PROTECTION AG, CH |
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| [54] LIMITES DE CONCENTRATION DANS DE GRANDS RESEAUX |
| [72] KUKEN, ANIKA, DE |
| [72] BASLER, GEORG, DE |
| [72] ONANA ELOUNDOU MBEBI, JEANNE MARIE, DE |
| [72] NIKOLOSKI, ZORAN, DE |
| [71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE |
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| [54] SOUS-SYSTEME DE TREPAN POUR METTRE A JOUR AUTOMATIQUEMENT UNE TRAJECTOIRE DE FORAGE |
| [72] BRUMBAUGH, GREG DANIEL, US |
| [72] HUANG, YOUNGJAE, US |
| [72] VAMARAJU, JANAKI, US |
| [72] WINSTON, JOSEPH BLAKE, US |
| [72] TAYLOR, AIMEE JACKSON, CO |
| [72] RANGARAJAN, KESHAVA, US |
| [72] WESLEY, AVINASH, US |
| [71] LANDMARK GRAPHICS CORPORATION, US |
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| [54] EFFICACITE D'AGONISTE DU MC4R CHEZ DES SUJETS AYANT DES DEFICIECES EN MC4R ET UNE SIGNALISATION DE NFAT ALTEREE |
| [72] KUHNEN, PETER, DE |
| [72] BIEBERMANN, HEIKE, DE |
| [72] KRUDÉ, HEIKO, DE |
| [71] CHARITE - UNIVERSITATSMEDIZIN BERLIN, DE |
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[72] OSMANOGLOU, ERAL, NL
[71] PHYTONEXT B.V., NL
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[54] HAVEUSE-CHARGEUSE A TAMBOUR ET TAMBOUR DE HAVAGE D'UNE HAVEUSE-CHARGEUSE A TAMBOUR
[72] QUAST, VOLKER, DE
[72] LACHENMAIER, SEPP, LU
[72] LAUBE, FALK, DE
[72] MARCIC, ANDRE, DE
[72] RECKTENWALD, JORG, DE
[71] LLOYD DYNAMOWERKE GMBH, DE
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[25] EN
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[54] 3BETA-(4- METHOXYBENZYLOXY)PREGN-5-EN-20-ONE POUR UNE UTILISATION DANS LE TRAITEMENT DE TROUBLES LIES AUX CANNABINOÏDES

[72] PIAZZA, PIER VINCENZO, FR
[72] FABRE, SANDY, FR
[72] METNA, MATHILDE, FR
[72] MONLEZUN, STEPHANIE, FR
[72] BUSQUET-GARCIA, ARNAU, FR
[72] COTA, DANIELA, FR
[72] MARSICANO, GIOVANNI, FR
[72] REVEST, JEAN-MICHEL, FR
[72] VALLEE, MONIQUE, FR
[71] AELIS FARMA, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE BORDEAUX, FR
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[25] EN
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[72] DECHANT, GABRIEL, DE
[71] SCHLETTER INTERNATIONAL B.V., NL
[85] 2020-08-11
[86] 2019-03-07 (PCT/EP2019/055690)
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[25] EN
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[54] SYSTEME D'ELIMINATION DE PLAQUETTE ALVEOLAIRE
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[71] VERDE ENVIRONMENTAL TECHNOLOGIES, INC., US
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[25] EN
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[54] PROCEDE DE COORDINATION AUTOMATIQUE DE PARAMETRES DE PROTECTION DANS UN RESEAU DE DISTRIBUTION D'ENERGIE ELECTRIQUE
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[72] SHARON, YOAV, US
[71] S&C ELECTRIC COMPANY, US
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 - [54] INTEGRATION D'UN BRULEUR A OXYGENE CHAUD AVEC UN REFORMEUR AUTOTHERMIQUE
 - [72] SHAH, MINISH MAHENDRA, US
 - [72] BOOL, LAWRENCE, US
 - [71] PRAXAIR TECHNOLOGY, INC., US
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- [54] COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET D'AUTRES TROUBLES
- [72] PAHAN, KALIPADA, US
- [71] RUSH UNIVERSITY MEDICAL CENTER, US
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 - [54] PROCEDE ET SYSTEME DE SUPERVISION D'EXECUTION DE CONTRATS FONDES SUR DES GRAPHES A L'AIDE DE CHAINES DE HACHAGE
 - [72] EFTEKHARI, AMIR, US
 - [72] SCOTT, GLENN, US
 - [72] MEIKE, ROGER, US
 - [72] GABRIEL, MIKE, US
 - [72] PANACHEVRE, IAN, US
 - [72] PENTLAND, IAN, US
 - [71] INTUIT INC., US
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- [54] PROCEDES ET APPAREIL DE COMPENSATION THERMIQUE PENDANT LA FABRICATION ADDITIVE
- [72] SUSNJARA, KENNETH J., US
- [71] THERMWOOD CORPORATION, US
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 - [54] METHOTREXATE GAMMA POLYGLUTAMIQUE ET SES UTILISATIONS
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 - [72] MOYO, VICTOR MANDLA, US
 - [71] L.E.A.F. HOLDINGS GROUP LLC, US
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 - [86] 2019-02-07 (PCT/US2019/016960)
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 - [30] US (62/630,713) 2018-02-14
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- [25] EN
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- [54] APPARIEMENT ET CONNEXION DE PASSERELLE A L'AIDE DE TONALITES SONORES
- [72] KNAUER, WILLIAM, US
- [72] BIRNAM, IAN ANDREW, US
- [72] TEAMES, AUSTIN, US
- [72] GLICK, JOSHUA MATTHEW, US
- [72] WILLIAMS, RODNEY B., US
- [71] LISNR, INC., US
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 - [54] SUMMARY CHAINS IN DISTRIBUTED SYSTEMS
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 - [72] SCOTT, GLENN, US
 - [71] INTUIT INC., US
 - [85] 2020-08-11
 - [86] 2019-01-22 (PCT/US2019/014456)
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- [25] EN
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- [54] TETRAHYDROFOLATES GAMMA POLYGLUTAMIQUES ET LEURS UTILISATIONS
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- [72] MOYO, VICTOR MANDLA, US
- [71] L.E.A.F. HOLDINGS GROUP LLC, US
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- [86] 2019-02-07 (PCT/US2019/016966)
- [87] (WO2019/160735)
- [30] US (62/630,824) 2018-02-14
- [30] US (62/636,289) 2018-02-28
- [30] US (62/662,372) 2018-04-25
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 - [54] OPERATEUR DE BARRIERE MOBILE AYANT UN PROTOCOLE DE SECURITE POUVANT ETRE MIS A JOUR
 - [72] CATE, CASPARUS, US
 - [72] MORRIS, DAVID R., US
 - [72] SKOTTY, BRIAN ROY, US
 - [72] SORICE, CORY, US
 - [71] THE CHAMBERLAIN GROUP, INC., US
 - [85] 2020-08-11
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- [54] SYSTEMES ET PROCESSUS DE CATALYSEUR POUR POLY ALPHA-OLEFINE AYANT UNE TENEUR ELEVEE EN VINYLIDENE
- [72] YANG, JIAN, US
- [72] CANICH, JO ANN M., US
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[72] PATEL, ASHOK BAKUL, US
[72] LONG, MATTHEW MICHAEL, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2020-08-10
[86] 2019-03-20 (PCT/US2019/023065)
[87] (WO2019/190837)
[30] US (62/650,382) 2018-03-30

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[51] Int.Cl. G06K 9/46 (2006.01) G06T
7/10 (2017.01) G06N 3/02 (2006.01)
G06N 3/08 (2006.01) G06T 1/40
(2006.01) G06T 11/60 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR
POLYGON OBJECT
ANNOTATION AND A METHOD
OF TRAINING AN OBJECT
ANNOTATION SYSTEM
[54] SYSTEMES ET PROCEDES
D'ANNOTATION POLYGONALE
D'OBJETS ET PROCEDE
D'APPRENTISSAGE D'UN
SYSTEME D'ANNOTATION
D'OBJETS
[72] FIDLER, SANJA, CA
[72] KAR, AMLAN, CA
[72] LING, HUAN, CA
[72] GAO, JUN, CA
[72] CHEN, WENZHENG, CA
[72] ACUNA MARRERO, DAVID, CA
[71] THE GOVERNING COUNCIL OF
THE UNIVERSITY OF TORONTO,
CA
[85] 2020-08-12
[86] 2019-03-25 (PCT/CA2019/050362)
[87] (WO2019/178702)
[30] US (62/646,934) 2018-03-23
[30] US (62/783,251) 2018-12-21

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[25] EN
[54] MULTICORE FIBER IMAGING
[54] IMAGERIE PAR FIBRE
MULTICOEUR
[72] ORTH, ANTONY, AU
[71] ROYAL MELBOURNE INSTITUTE
OF TECHNOLOGY, AU
[85] 2020-08-11
[86] 2019-01-25 (PCT/AU2019/050055)
[87] (WO2019/144194)
[30] AU (2018900267) 2018-01-29

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| [51] Int.Cl. G06F 9/22 (2006.01) |
| [25] EN |
| [54] BRANCH PREDICTION CIRCUIT AND CONTROL METHOD THEREFOR |
| [54] CIRCUIT DE PREDICTION DE BRANCHEMENT ET PROCEDE DE COMMANDE POUR CELUI-CI |
| [72] HU, WEIWU, CN |
| [72] WANG, WENXIANG, CN |
| [72] WU, RUYIANG, CN |
| [71] LOONGSON TECHNOLOGY CORPORATION LIMITED, CN |
| [85] 2020-08-12 |
| [86] 2019-02-03 (PCT/CN2019/074693) |
| [87] (WO2019/158020) |
| [30] CN (201810150219.8) 2018-02-13 |

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| [25] EN |
| [54] HETEROCYCLIC COMPOUND, APPLICATION THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING SAME |
| [54] COMPOSE HETEROCHYLIQUE, SON APPLICATION ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT |
| [72] HU, YONGHAN, CN |
| [72] WU, DONGDONG, CN |
| [72] PENG, WEI, CN |
| [72] LI, XIN, CN |
| [72] HU, FAN, CN |
| [72] HUANG, BIN, CN |
| [72] ZHU, JINLIAN, CN |
| [72] WU, YUCHUAN, CN |
| [71] SUZHOU SINOVENT PHARMACEUTICALS CO., LTD., CN |
| [85] 2020-08-12 |
| [86] 2019-02-14 (PCT/CN2019/075058) |
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| [30] CN (201810433630.6) 2018-05-08 |

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| [51] Int.Cl. C07K 16/16 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01) |
| [25] EN |
| [54] ANTIGEN BINDING PROTEINS WHICH BIND TO THE PMHC HLA-DQ2.5:DQ2.5 PRESENTING A GLIADIN PEPTIDE |
| [54] PROTEINES DE LIAISON A L'ANTIGENE SE LIANT AU PMHC HLA-DQ2.5:DQ2.5 PRESENTANT UN PEPTIDE DE GLIADINE |
| [72] LOSET, GEIR AGE, NO |
| [72] HOYDAHL, LENE STOKKEN, NO |
| [72] SANDLIE, INGER, NO |
| [72] SOLLED, LUDVIG MAGNE, NO |
| [72] FRICK, RAHEL, NO |
| [71] UNIVERSITETET I OSLO, NO |
| [85] 2020-08-12 |
| [86] 2019-02-13 (PCT/EP2019/053580) |
| [87] (WO2019/158602) |
| [30] GB (1802338.2) 2018-02-13 |

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| [51] Int.Cl. C01B 3/50 (2006.01) C08H 8/00 (2010.01) C08H 7/00 (2011.01) C08L 97/00 (2006.01) C10J 3/00 (2006.01) |
| [25] EN |
| [54] A LIGNOCELLULOSIC BIOMASS BASED PROCESS FOR PRODUCTION OF LIGNINS AND SYNGAS, AND ELECTRICITY PRODUCTION EFFICIENT SYNGAS |
| [54] PROCEDE A BASE DE BIOMASSE LIGNOCELLULOIQUE POUR LA PRODUCTION DE LIGNINES ET DE GAZ DE SYNTHESE, ET GAZ DE SYNTHESE EFFICACE POUR LA PRODUCTION D'ELECTRICITE |
| [72] DELMAS, MICHEL, FR |
| [71] BIOEB, FR |
| [85] 2020-08-12 |
| [86] 2019-02-14 (PCT/EP2019/053622) |
| [87] (WO2019/158624) |
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| [51] Int.Cl. G01S 17/10 (2020.01) G01S 7/481 (2006.01) |
| [25] EN |
| [54] LIDAR MEASUREMENT SYSTEM |
| [54] SYSTEME DE MESURE LIDAR |
| [72] BEUSCHEL, RALF, DE |
| [72] KIESEL, RAINER, DE |
| [71] IBEO AUTOMOTIVE SYSTEMS GMBH, DE |
| [85] 2020-08-12 |
| [86] 2018-11-16 (PCT/EP2018/081598) |
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| [30] DE (10 2017 222 970.5) 2017-12-15 |

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 [25] EN
 [54] METHOD OF PRODUCTION OF LIGNIN AND HEMICELLULOSE FROM A PLANT LIGNOCELLULOSIC MATERIAL
 [54] PROCEDE DE PRODUCTION DE LIGNINE ET D'HEMICELLULOSE A PARTIR D'UN MATERIAU LIGNOCELLULOSIQUE VEGETAL
 [72] BENJELLOUN MLAYAH, BOUCHRA, FR
 [72] DELMAS, MICHEL, FR
 [71] COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE - CIMV, FR
 [85] 2020-08-12
 [86] 2019-02-19 (PCT/EP2019/054103)
 [87] (WO2019/162277)
 [30] EP (18305175.4) 2018-02-20

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 [25] EN
 [54] 2,4-DIAMINOQUINAZOLINE DERIVATIVES AND MEDICAL USES THEREOF
 [54] DERIVES DE 2,4-DIAMINOQUINAZOLINE ET LEURS UTILISATIONS MEDICALES
 [72] MC GOWAN, DAVID CRAIG, BE
 [72] EMBRECHTS, WERNER CONSTANT JOHAN, BE
 [72] GUILLEMONT, JEROME EMILE GEORGES, FR
 [72] COOYMANS, LUDWIG PAUL, BE
 [72] JONCKERS, TIM HUGO MARIA, BE
 [72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
 [71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
 [85] 2020-08-12
 [86] 2019-02-28 (PCT/EP2019/054941)
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 [30] EP (18159583.6) 2018-03-01

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[51] Int.Cl. C04B 40/00 (2006.01) C04B 28/02 (2006.01)
 [25] EN
 [54] A SETTING AND HARDENING ACCELERATOR FOR A CEMENT, MORTAR OR CONCRETE COMPOSITION, OPTIONALLY comprISING SUPPLEMENTARY CEMENTITIOUS MATERIALS, AND USE OF THIS ACCELERATOR
 [54] ACCELERATEUR DE PRISE ET DE DURCISSEMENT POUR UNE COMPOSITION DE CIMENT, DE MORTIER OU DE BETON, COMPRENANT EVENTUELLEMENT DES MATERIAUX CIMENTAIRES SUPPLEMENTAIRES, ET UTILISATION DE CET ACCELERATEUR
 [72] FRANKE, WOLFRAM, NO
 [72] THOMMEESEN, HILDE, NO
 [71] YARA INTERNATIONAL ASA, NO
 [85] 2020-08-12
 [86] 2019-03-05 (PCT/EP2019/055418)
 [87] (WO2019/170657)
 [30] EP (18160001.6) 2018-03-05

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[51] Int.Cl. F17C 11/00 (2006.01) C01B 3/00 (2006.01)
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 [54] POLYMORPHOUS RESERVOIR
 [54] RESERVOIR POLYMORPHE
 [72] ROBINET, PASCAL, FR
 [72] PERREUX, DOMINIQUE, FR
 [72] THIEBAUD, FREDERIC, FR
 [71] MAHYTEC, FR
 [85] 2020-08-12
 [86] 2019-02-06 (PCT/FR2019/000017)
 [87] (WO2019/158831)
 [30] FR (1870174) 2018-02-19

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 [25] EN
 [54] DIGITAL HOLOGRAPHIC MICROSCOPY FOR DETERMINING A VIRAL INFECTION STATUS
 [54] MICROSCOPIE HOLOGRAPHIQUE NUMERIQUE POUR DETERMINER UN ETAT D'INFECTION VIRALE
 [72] MATHUIS, PHILIP, BE
 [72] JOORIS, SERGE, BE
 [71] OVIZIO IMAGING SYSTEMS NV/SA, BE
 [85] 2020-08-12
 [86] 2019-03-15 (PCT/EP2019/056547)
 [87] (WO2019/175386)
 [30] BE (2018/5158) 2018-03-15
 [30] US (62/643,364) 2018-03-15

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[51] Int.Cl. A01H 5/10 (2018.01) A01H 6/46 (2018.01) C12N 15/82 (2006.01)
 [25] EN
 [54] METHODS OF INCREASING NUTRIENT USE EFFICIENCY
 [54] PROCEDES D'AUGMENTATION DE L'EFFICACITE D'UTILISATION DE NUTRIMENTS
 [72] FU, XIANGDONG, CN
 [72] LI, SHAN, CN
 [72] WU, KUN, CN
 [72] TIAN, YONGHANG, CN
 [72] LIU, QIAN, CN
 [71] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY CHINESE ACADEMY OF SCIENCES, CN
 [85] 2020-08-12
 [86] 2019-02-13 (PCT/GB2019/050376)
 [87] (WO2019/158911)
 [30] CN (PCT/CN2018/076831) 2018-02-14
 [30] CN (PCT/CN2018/087850) 2018-05-22

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 - [25] EN
 - [54] HIGH PRESSURE STRIPPERS FOR USE IN UREA PLANTS
 - [54] DISPOSITIFS DE DECAPAGE A HAUTE PRESSION DESTINES A ETRE UTILISES DANS DES INSTALATIONS D'UREE
 - [72] SERRAIOLLO, LUIGI, NO
 - [72] PORRO, LINO GIOVANNI, BE
 - [71] YARA INTERNATIONAL ASA, NO
 - [85] 2020-08-12
 - [86] 2019-05-16 (PCT/EP2019/062614)
 - [87] (WO2019/219808)
 - [30] EP (18172538.3) 2018-05-16
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- [25] EN
- [54] FOOD PROTEIN-DERIVED PEPTIDES AS BITTER TASTE BLOCKERS
- [54] PEPTIDES DERIVES DE PROTEINES ALIMENTAIRES EN TANT QUE BLOQUEURS D'AMERTUME
- [72] CHELIKANI, PRASHEN, CA
- [72] ALUKO, ROTIMI, CA
- [71] UNIVERSITY OF MANITOBA, CA
- [85] 2020-08-12
- [86] 2019-02-15 (PCT/CA2019/050186)
- [87] (WO2019/161487)
- [30] US (62/632,506) 2018-02-20

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 - [25] EN
 - [54] THIOREDOXIN REDUCTASE INHIBITORS FOR USE IN THE TREATMENT OF CANCER
 - [54] INHIBITEURS DE LA THIOREDOXINE REDUCTASE A UTILISER DANS LE TRAITEMENT DU CANCER
 - [72] ORWAR, OWE, SE
 - [72] DAVIDSON, MAX, SE
 - [71] CINDA PHARMA AB, SE
 - [85] 2020-08-12
 - [86] 2019-02-12 (PCT/EP2019/053444)
 - [87] (WO2019/155086)
 - [30] GB (1802264.0) 2018-02-12
 - [30] GB (1807415.3) 2018-05-04
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[13] A1

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 - [25] EN
 - [54] METHODS AND APPARATUS FOR DETECTING ANALYTES
 - [54] PROCEDES ET APPAREIL DE DETECTION D'ANALYTES
 - [72] DEUTSCH, OMER, IL
 - [72] COHEN, RALUCA, IL
 - [72] NEUMANN, YOAV, IL
 - [72] KRIEF, GUY, IL
 - [71] SALIGNOSTICS LTD., IL
 - [85] 2020-08-12
 - [86] 2019-02-13 (PCT/IL2019/050172)
 - [87] (WO2019/159168)
 - [30] US (62/629,796) 2018-02-13
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 - [25] EN
 - [54] CANNABINOID DERIVATIVES AND CONJUGATES AND USES THEREOF
 - [54] DERIVES ET CONJUGUES DE CANNABINOIDES ET LEURS UTILISATIONS
 - [72] JAGTAP, PRAKASH, US
 - [72] SHOKEN, DANA, IL
 - [72] AVIDAN- SHLOMOVICH, SHLOMIT, IL
 - [72] SALZMAN, ANDREW LURIE, US
 - [71] BEETLEBUNG PHARMA LTD., IL
 - [85] 2020-08-12
 - [86] 2019-02-13 (PCT/IL2019/050172)
 - [87] (WO2019/159168)
 - [30] US (62/629,796) 2018-02-13
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[13] A1

- [51] Int.Cl. A61J 1/10 (2006.01)
- [25] EN
- [54] PLASTIC CONTAINER
- [54] RECIPIENT EN PLASTIQUE
- [72] MIO, ATSUSHI, JP
- [72] SUZUKI, TOYOAKI, JP
- [72] NOMURA, JUNPEI, JP
- [72] TOYABE, Kaho, JP
- [71] FUJIMORI KOGYO CO., LTD., JP
- [85] 2020-08-12
- [86] 2019-02-13 (PCT/JP2019/005106)
- [87] (WO2019/159967)
- [30] JP (2018-024825) 2018-02-15

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[21] 3,091,092
[13] A1

[51] Int.Cl. C10B 53/06 (2006.01) C10B 19/00 (2006.01) C10B 53/07 (2006.01)
 [25] EN
 [54] METHOD FOR THE PYROLYSIS OF RAW MATERIALS, IN PARTICULAR RAW MATERIALS DERIVING FROM TIRES OR BITUMEN AND PYROLYSIS EQUIPMENT OPERATING ACCORDING TO SAID METHOD
 [54] PROCEDE DE PYROLYSE DE MATIERES PREMIERES, EN PARTICULIER DE MATIERES PREMIERES ISSUES DE PNEUS OU DE BITUME, ET EQUIPEMENT DE PYROLYSE FONCTIONNANT SELON CE PROCEDE
 [72] PERI, PAOLO, IT
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 [72] SPREAFICO, CHRISTIAN, IT
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- [72] COLE, INGRID, US
- [72] BENISH, BRANDON, US
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[72] MILLS, BRIAN GRANT, US
[72] ISHIOKA, RICK TAKESHI, US
[71] PANAVISION INTERNATIONAL, L.P., US
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[72] GRESATI HALLIT, CARLOS ANTONIO, MX
[72] BLACK, FREDERICK JAMES, US
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- [72] LIU, CHENG, US
- [72] YANG, ZHIYUAN, US
- [72] LIU, LIANXING, US
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- [54] **MUTATIONS DE FC ET DE CHAINE J D'IGM QUI AFFECTENT LA DEMI-VIE SERIQUE D'IGM**
- [72] BALIGA, RAMESH, US
- [72] KEYT, BRUCE ALAN, US
- [72] NG, DEAN, US
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- [72] TAYLOR, NOAH D., US
- [72] SPOONAMORE, JAMES E., US
- [72] KONIECZKA, JAY H., US
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- [72] GOTTESMAN, OMRI, US
- [72] LI, ALEXANDER, US
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- [72] GROMADA, JESPER, US
- [72] DEWEY, FREDERICK E., US
- [72] BARAS, ARIS, US
- [72] SHULDINER, ALAN, US
- [72] MILSTEIN, STUART, US
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- [71] H.B. FULLER COMPANY, US
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- [72] WEBSTER, JOSHUA WAYNE, US
- [72] NOWITZKI, WES JOHN, US
- [72] NEWPORT, CASEY LAINE, US
- [71] HALLIBURTON ENERGY SERVICES, INC., US
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- [72] NIELSEN, MAX E., US
- [71] NORTHRUP GRUMMAN SYSTEMS CORPORATION, US
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- [72] ECKERT, MICHAEL, AU
- [72] PURNHAGEN, HEIKO, SE
- [72] BRUHN, STEFAN, SE
- [71] DOLBY LABORATORIES LICENSING CORPORATION, US
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- [72] SCHIFFMAN, RHETT, US
- [71] IVANTIS, INC., US
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- [71] IMAGE CLONE, LLC, US
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- [72] LI, CHAO, CN
- [72] ZONG, YUAN, CN
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- [72] MOHTASHAMI, MAHMOOD, CA
- [72] TROTMAN-GRANT, ASHTON, CA
- [72] ZUNIGA-PFLUCKER, JUAN CARLOS, CA
- [71] SUNNYBROOK RESEARCH INSTITUTE, CA
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- [72] TURNER, STEVEN K., US
- [72] GRZESIK, ANDRZEJ, PL
- [72] KRUEGEL, CHRIS A., US
- [71] MOTOROLA SOLUTIONS, INC., US
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 - [54] APPAREIL ET PROCEDE D'ENTRAINEMENT SPORTIF
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 - [54] SCHEMAS POSOLOGIQUES D'ANTICORPS B7-H4
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 - [72] COLLINS, HELEN L., US
 - [72] ZHANG, XIANG, US
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 - [71] FIVE PRIME THERAPEUTICS, INC., US
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 - [72] LABBE, LOUIS, CA
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 - [54] **PROCEDE ET MATERIAU POUR ISOLER UNE ZONE DE PERTE IMPORTANTE**
 - [72] AMANULLAH, MD, SA
 - [72] ALOUHALI, RAED A., SA
 - [72] ARFAJ, MOHAMMED K., SA
 - [72] ALSUBAIE, TURKI, SA
 - [71] SAUDI ARABIAN OIL COMPANY, SA
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- [72] FU, GUOPING, CN
- [71] SHENZHENSHEI SHUNJIAN DESIGN CO., LTD., CN
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 - [54] **PROCEDE DE RECUPERATION DE MATIERE PROTEIQUE ET/OU FIBREUSE A PARTIR DE DRECHES DE BRASSERIE, ET SON UTILISATION**
 - [72] GIL-MARTINEZ, JORGE, BE
 - [72] ARENDT, ELKE, IE
 - [71] ANHEUSER-BUSCH INBEV S.A., BE
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- [54] **SYSTEME DE COMMUNICATION OFDM AVEC PROCEDE DE DETERMINATION DE DECALAGE DE SOUS-PORTEUSE POUR GENERER DES SYMBOLES OFDM**
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- [72] TANG, ZHENFEI, CA
- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] TIMBRES COMPRENANT DE L'URUSHIOL, COLLECTIONS D'ECHANTILLONS TEMOINS EN COMPRENANT ET LEURS PROCEDES D'UTILISATION
[72] HAMANN, CURT, US
[72] ELSOHLY, MAHMOUD AHMED, US
[72] GUL, WASEEM, US
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[71] HAPTON SCIENCES, INC., US
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[72] SHI, CONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[30] CN (201810646706.3) 2018-06-21

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[51] Int.Cl. B01D 65/02 (2006.01) A61L 2/18 (2006.01) C02F 1/72 (2006.01) C02F 5/08 (2006.01) C11D 3/20 (2006.01) C11D 7/26 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR THE REDUCTION OF BIOFILM AND SPORES FROM MEMBRANES
[54] COMPOSITIONS ET METHODES POUR LA REDUCTION DE BIOFILM ET DE SPORES A PARTIR DE MEMBRANES
[72] SCHACHT, PAUL FRAZER, US
[72] SCHULTZ, NIKOLAUS NATHAN, US
[72] POWER, CALEB MYUNGHOON FORD, US
[72] BUNDERS, CYNTHIA ANN, US
[72] ERICKSON, ANTHONY WAYNE, US
[71] ECOLAB USA INC., US
[85] 2020-08-12
[86] 2019-02-13 (PCT/US2019/017841)
[87] (WO2019/160948)
[30] US (62/630,329) 2018-02-14

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[51] Int.Cl. H04W 24/04 (2009.01)
[25] EN
[54] COMMUNICATION METHOD AND COMMUNICATIONS DEVICE IN CENTRALIZED UNIT-DISTRIBUTED UNIT ARCHITECTURE
[54] PROCEDE ET DISPOSITIF DE COMMUNICATION SOUS UNE ARCHITECTURE D'UNITE DISTRIBUEE PAR UNITE CENTRALISEE
[72] JIN, YINGHAO, CN
[72] HAN, FENG, CN
[72] ZHANG, HANG, CN
[72] TAN, WEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-08-13
[86] 2019-01-04 (PCT/CN2019/070363)
[87] (WO2019/157885)
[30] CN (201810152264.7) 2018-02-14

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[13] A1

[51] Int.Cl. G01N 35/00 (2006.01)
[25] EN
[54] METHOD FOR DETERMINING AN ANALYTE, AND ANALYSIS SYSTEM
[54] PROCEDE POUR DETERMINER UN ANALYTE ET SYSTEME D'ANALYSE
[72] GRIESSNER, MATTHIAS, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2020-08-13
[86] 2019-04-03 (PCT/EP2019/058373)
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| <p style="text-align: right;">[21] 3,091,175</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04W 72/04 (2009.01)</p> <p>[25] EN</p> <p>[54] METHOD OF DETERMINING UPLINK AND DOWNLINK TRANSMISSION CONFIGURATION, METHOD OF CONFIGURING UPLINK AND DOWNLINK TRANSMISSION AND DEVICES THEREOF</p> <p>[54] PROCÉDE DE DETERMINATION DE CONFIGURATION DE TRANSMISSION EN LIAISON MONTANTE/LIAISON DESCENDANTE, PROCÉDE DE CONFIGURATION DE TRANSMISSION EN LIAISON MONTANTE/LIAISON DESCENDANTE ET DISPOSITIF ASSOCIE</p> <p>[72] HU, LIJIE, CN [72] HOU, XUEYING, CN [72] XU, XIAODONG, CN [72] LIU, GUANGYI, CN [72] HUANG, YUHONG, CN [72] XIA, LIANG, CN [71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN [71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN [85] 2020-08-13 [86] 2019-01-08 (PCT/CN2019/070825) [87] (WO2019/157887) [30] CN (201810149220.9) 2018-02-13</p> | <p style="text-align: right;">[21] 3,091,178</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H01M 8/0612 (2016.01) H01M 8/0662 (2016.01)</p> <p>[25] EN</p> <p>[54] FUEL CELL SYSTEM AND METHOD FOR ITS OPERATION</p> <p>[54] SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE FONCTIONNEMENT</p> <p>[72] KORSGAARD, ANDERS RISUM, DK [72] BANG, MADSEN, DK [72] SORENSEN, MORTEN HOUGAARD, DK [71] FISCHER ECO SOLUTIONS GMBH, DE [85] 2020-08-13 [86] 2019-02-14 (PCT/DK2019/050049) [87] (WO2019/158173) [30] DK (PA 2018 70093) 2018-02-16</p> | <p style="text-align: right;">[21] 3,091,181</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01) C12N 5/0783 (2010.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS FOR TARGETING TREG CELLS</p> <p>[54] PROCÉDES ET COMPOSITIONS DE CIBLAGE DE CELLULES TREG</p> <p>[72] ARLEN, PHILIP M., US [72] TSANG, KWONG Y., US [72] DAVID, JUSTIN M., US [72] FANTINI, MASSIMO, US [71] PRECISION BIOLOGICS, INC., US [85] 2020-08-12 [86] 2019-02-13 (PCT/US2019/017870) [87] (WO2019/160970) [30] US (62/630,084) 2018-02-13</p> |
| <p style="text-align: right;">[21] 3,091,176</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06T 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND APPARATUS FOR CONTRAST SENSITIVITY COMPENSATION</p> <p>[54] PROCÉDES ET APPAREILS DE COMPENSATION DE SENSIBILITÉ DE CONTRASTE</p> <p>[72] WERBLIN, FRANK, US [72] MASSOF, ROBERT, US [72] BRADLEY, CHRIS, US [71] WERBLIN, FRANK, US [85] 2020-08-12 [86] 2019-02-13 (PCT/US2019/017860) [87] (WO2019/160962) [30] US (62/629,774) 2018-02-13</p> | <p style="text-align: right;">[21] 3,091,180</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B04B 1/12 (2006.01) B04B 11/02 (2006.01) B04B 13/00 (2006.01) B04C 3/00 (2006.01) B04C 3/06 (2006.01)</p> <p>[25] EN</p> <p>[54] AN APPARATUS FOR SEPARATING COMPONENTS OF A FLUID STREAM</p> <p>[54] APPAREIL POUR SEPARER DES COMPOSANTS D'UN FLUX DE FLUIDE</p> <p>[72] MELLING, GERARD, GB [72] SUTTIE, ALAN, GB [72] LOUDON, BRIAN, GB [71] GM INNOVATIONS LIMITED, GB [85] 2020-08-13 [86] 2018-02-26 (PCT/EP2018/054681) [87] (WO2018/154115) [30] GB (1703110.5) 2017-02-27 [30] GB (1801414.2) 2018-01-29</p> | <p style="text-align: right;">[21] 3,091,183</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04S 7/00 (2006.01) G06F 3/01 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS, APPARATUS AND SYSTEMS FOR THREE DEGREES OF FREEDOM (3DOF+) EXTENSION OF MPEG-H 3D AUDIO</p> <p>[54] PROCÉDES, APPAREIL, ET SYSTEMES POUR UNE EXTENSION A TROIS DEGRÉS DE LIBERTÉ (3DOF +) D'UN AUDIO 3D MPEG-H</p> <p>[72] FERSCH, CHRISTOF, DE [72] TERENTIV, LEON, DE [72] FISCHER, DANIEL, DE [71] DOLBY INTERNATIONAL AB, NL [85] 2020-08-13 [86] 2019-04-09 (PCT/EP2019/058954) [87] (WO2019/197403) [30] US (62/654,915) 2018-04-09 [30] US (62/695,446) 2018-07-09 [30] US (62/823,159) 2019-03-25</p> |

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- [25] EN
- [54] ANTIBODIES TO FELINE MCDONOUGH SARCOMA (FMS)-LIKE TYROSINE KINASE 3 RECEPTOR LIGAND (FLT3L) AND USES THEREOF FOR TREATING AUTOIMMUNE AND INFLAMMATORY DISEASES
- [54] ANTICORPS DIRIGES CONTRE LE LIGAND DU RECEPTEUR 3 DE LA TYROSINE KINASE 3 DU SARCOME DE MCDONOUGH FELIN (FMS) (FLT3L) ET LEURS UTILISATIONS POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES ET INFLAMMATOIRES
- [72] HANSEN, ANNA, US
- [72] XIAO, XIAODONG, US
- [72] PAVLIK, PETER, US
- [72] CHEN, YAN, US
- [72] ETTINGER, RACHEL, US
- [71] VIELA BIO, INC., US
- [85] 2020-08-12
- [86] 2019-02-13 (PCT/US2019/017877)
- [87] (WO2019/160976)
- [30] US (62/630,571) 2018-02-14

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- [51] Int.Cl. C12M 1/00 (2006.01) C12M 1/107 (2006.01) C12M 1/113 (2006.01) C12P 7/40 (2006.01)
- [25] EN
- [54] PROCESSES FOR CONVERTING BIOMASS INTO HIGH-VALUE PRODUCTS
- [54] PROCEDES DE CONVERSION DE BIOMASSE EN PRODUITS A VALEUR ELEVEE
- [72] HOLTZAPPLE, MARK T., US
- [72] LONKAR, SAGAR, US
- [72] DARVEKAR, PRATIK, US
- [72] ROY, SAMARPITA, IN
- [72] GRANDA, CESAR, US
- [72] BENEFIELD, TRENT, US
- [72] SEIDEL, JEREMY, US
- [72] EHLINGER, VICTORIA, US
- [72] WELLINGTON, SCOTT, US
- [72] MANN, TYLER, US
- [71] THE TEXAS A&M UNIVERSITY SYSTEM, US
- [85] 2020-08-12
- [86] 2019-02-13 (PCT/US2019/017889)
- [87] (WO2019/160984)
- [30] US (62/629,941) 2018-02-13
- [30] US (16/275,174) 2019-02-13

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- [51] Int.Cl. A61C 17/02 (2006.01) A61C 17/22 (2006.01) A61C 19/06 (2006.01)
- [25] EN
- [54] APPARATUS FOR DENTAL IRRIGATION
- [54] APPAREIL POUR IRRIGATION DENTAIRE
- [72] PACKOUZ, ELIMELECH, US
- [72] RAUD, RALF, US
- [71] EHT LLC, US
- [85] 2020-08-12
- [86] 2019-02-13 (PCT/US2019/017897)
- [87] (WO2019/160989)
- [30] US (62/629,904) 2018-02-13

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- [25] EN
- [54] COMPRESSED AIR ENERGY STORAGE POWER GENERATION DEVICE
- [54] DISPOSITIF DE STOCKAGE D'ENERGIE A AIR COMPRIME ET DE GENERATION D'ENERGIE
- [72] MATSUKUMA, MASAKI, JP
- [72] SARUTA, HIROKI, JP
- [72] MATSUO, YUJI, JP
- [71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
- [85] 2020-08-13
- [86] 2019-01-18 (PCT/JP2019/001492)
- [87] (WO2019/163348)
- [30] JP (2018-032205) 2018-02-26

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- [51] Int.Cl. C02F 3/12 (2006.01) C02F 3/30 (2006.01)
- [25] EN
- [54] WASTEWATER TREATMENT SYSTEM AND PROCESS
- [54] SYSTEME ET PROCEDE DE TRAITEMENT DES EAUX USEES
- [72] HEINEN, NICOLAS, DK
- [71] ALFA LAVAL CORPORATE AB, SE
- [85] 2020-08-13
- [86] 2019-01-17 (PCT/EP2019/051089)
- [87] (WO2019/158298)
- [30] EP (18156713.2) 2018-02-14

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- [25] EN
- [54] FILTER
- [54] FILTRE
- [72] SPIES, OLIVER, DE
- [71] SPIES, OLIVER, DE
- [85] 2020-08-13
- [86] 2019-02-01 (PCT/EP2019/052496)
- [87] (WO2019/166179)
- [30] DE (10 2018 104 535.2) 2018-02-28

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 - [25] EN
 - [54] A METHOD AND APPARATUS FOR QUANTIFYING VOLUME OF A DEPOSITED SKIN-PRINT
 - [54] PROCEDE ET APPAREIL DE QUANTIFICATION DU VOLUME D'UNE EMPREINTE CUTANEE DEPOSEE
 - [72] O'CONNOR, DANIEL, GB
 - [72] HORNBY, ROBERT, GB
 - [71] NPL MANAGEMENT LIMITED, GB
 - [85] 2020-08-13
 - [86] 2019-02-13 (PCT/GB2019/050387)
 - [87] (WO2019/158920)
 - [30] GB (1802358.0) 2018-02-13
 - [30] GB (1802426.5) 2018-02-14
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- [25] EN
- [54] CORROBORATING DATA TO VERIFY TRANSACTIONS
- [54] DONNEES DE CORROBORATION DESTINEES A VERIFIER DES TRANSACTIONS
- [72] HUGH, JUSTIN, CA
- [72] FOWLIE, CONNOR, CA
- [71] YUPP TECHNOLOGY INC., CA
- [85] 2020-08-13
- [86] 2019-02-11 (PCT/IB2019/051084)
- [87] (WO2019/159052)
- [30] US (62/630,296) 2018-02-14

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[13] A1

- [51] Int.Cl. A23K 20/158 (2016.01) A23L 33/12 (2016.01)
 - [25] EN
 - [54] CHEMICAL MITIGATION OF AFRICAN SWINE FEVER VIRUS AND CLASSICAL SWINE FEVER VIRUS
 - [54] ATTENUATION CHIMIQUE DU VIRUS DE LA PESTE PORCINE AFRICAINE ET DU VIRUS DE LA PESTE PORCINE CLASSIQUE
 - [72] NIEDERWERDER, MEGAN C., US
 - [72] ROWLAND, RAYMOND R.R., US
 - [72] JONES, CASSANDRA, US
 - [72] DRITZ, STEVEN S., US
 - [72] WOODWORTH, JASON C., US
 - [71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US
 - [85] 2020-08-11
 - [86] 2019-03-01 (PCT/US2019/020273)
 - [87] (WO2019/169256)
 - [30] US (62/637,825) 2018-03-02
 - [30] US (62/780,740) 2018-12-17
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- [51] Int.Cl. C09K 3/22 (2006.01)
- [25] EN
- [54] METHOD AND COMPOSITION FOR IMPROVING HANDLING OF BULK MATERIALS
- [54] PROCEDE ET COMPOSITION POUR AMELIORER LA MANIPULATION DE MATERIAUX EN VRAC
- [72] TURUNC, UMIT, US
- [72] RAAB, MICHAEL, US
- [72] UYTIEPO, BRYCE ANDEN, US
- [71] BL TECHNOLOGIES, INC., US
- [85] 2020-08-13
- [86] 2018-02-19 (PCT/US2018/018608)
- [87] (WO2019/160561)

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- [51] Int.Cl. H04L 5/00 (2006.01) H04B 7/0452 (2017.01) H04B 7/06 (2006.01) H04L 25/02 (2006.01)
 - [25] EN
 - [54] CHANNEL STATE INFORMATION (CSI) FEEDBACK WITH MULTIPLE HYPOTHESES
 - [54] RETROACTION D'INFORMATIONS D'ETAT DE CANAL (CSI) AVEC HYPOTHESES MULTIPLES
 - [72] FAXER, SEBASTIAN, SE
 - [72] GAO, SHIWEI, CA
 - [71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
 - [85] 2020-08-13
 - [86] 2019-02-25 (PCT/IB2019/051502)
 - [87] (WO2019/162917)
 - [30] US (62/635,267) 2018-02-26
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- [51] Int.Cl. C12N 15/09 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2018.01) G01N 33/53 (2006.01)
- [25] EN
- [54] KIT OR DEVICE AND METHOD FOR DETECTING DEMENTIA
- [54] KIT OU DISPOSITIF ET PROCEDE DE DETECTION DE LA DEMENCE
- [72] SUZUKI, KANA, JP
- [72] YOSHIMOTO, MAKIKO, JP
- [72] KAWAUCHI, JUNPEI, JP
- [72] SUDO, HIROKO, JP
- [72] KIDA, YUHO, JP
- [72] KOZONO, SATOKO, JP
- [72] KONDOW, SATOSHI, JP
- [72] NIIDA, SHUMPEI, JP
- [72] ASANOMI, YUYA, JP
- [72] SHIGEMIZU, DAICHI, JP
- [72] SAKURAI, TAKASHI, JP
- [71] TORAY INDUSTRIES, INC., JP
- [71] NATIONAL CENTER FOR GERIATRICS AND GERONTOLOGY, JP
- [85] 2020-08-13
- [86] 2019-02-12 (PCT/JP2019/004832)
- [87] (WO2019/159884)
- [30] JP (2018-023283) 2018-02-13
- [30] JP (2018-085652) 2018-04-26
- [30] JP (2018-138487) 2018-07-24

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- [51] Int.Cl. C07D 205/04 (2006.01) A61K 31/397 (2006.01) A61K 31/40 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C07D 207/16 (2006.01)
 - [25] EN
 - [54] COMPOUNDS HAVING S1P5 RECEPTOR AGONISTIC ACTIVITY
 - [54] COMPOSE PRESENTANT UNE ACTIVITE AGONISTE DU RECEPTEUR S1P5
 - [72] WATANABE, TOSHIHIDE, JP
 - [72] KUSUMI, KENSUKE, JP
 - [72] IMAIDE, SATOMI, JP
 - [72] ENDO, TOSHIMITSU, JP
 - [72] KOMIYA, TAKAKI, JP
 - [72] TSUBURAYA, NAOMI, JP
 - [71] ONO PHARMACEUTICAL CO., LTD., JP
 - [85] 2020-08-13
 - [86] 2019-02-21 (PCT/JP2019/006637)
 - [87] (WO2019/163917)
 - [30] JP (2018-029549) 2018-02-22
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- [51] Int.Cl. C23C 28/04 (2006.01) C03C 17/34 (2006.01) C03C 17/36 (2006.01) C23C 28/00 (2006.01)
- [25] EN
- [54] COATED ARTICLE HAVING A PROTECTIVE COATING CONTAINING SILICON NITRIDE AND/OR SILICON OXYNITRIDE
- [54] ARTICLE REVETU AYANT UN REVETEMENT PROTECTEUR CONTENANT LA NITRURE DE SILICIUM ET/OU DE L'OXYNITRURE DE SILICIUM
- [72] GANJOO, ASHTOSH, US
- [72] NARAYANAN, SUDARSHAN, US
- [72] FINLEY, JAMES J., US
- [72] MEDWICK, PAUL A., US
- [71] VITRO FLAT GLASS LLC, US
- [85] 2020-08-13
- [86] 2019-02-13 (PCT/US2019/017843)
- [87] (WO2019/160950)
- [30] US (62/631,283) 2018-02-15
- [30] US (62/734,656) 2018-09-21
- [30] US (16/274,767) 2019-02-13

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- [51] Int.Cl. C25B 11/04 (2006.01) H01M 4/90 (2006.01) H01M 8/1018 (2016.01) H01M 4/86 (2006.01) H01M 4/92 (2006.01)
 - [25] EN
 - [54] MEMBRANE ELECTRODE ASSEMBLY WITH SUPPORTED METAL OXIDE
 - [54] ENSEMBLE MEMBRANE-ELECTRODE A OXYDE METALLIQUE SUPPORTÉ
 - [72] BASHYAM, RAJESH, CA
 - [72] GHASSEMZADEH, LIDA, CA
 - [72] BAI, KYOUNG J., CA
 - [72] ALVAR, ESMAEIL NAVAEI, CA
 - [72] HE, PING, CA
 - [71] BALLARD POWER SYSTEMS INC., CA
 - [85] 2020-08-13
 - [86] 2019-02-13 (PCT/US2019/017890)
 - [87] (WO2019/160985)
 - [30] US (62/630,733) 2018-02-14
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[13] A1

- [51] Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)
- [25] EN
- [54] APPARATUS FOR TREATING SUBMUCOSAL TISSUE
- [54] DISPOSITIF DE TRAITEMENT DE SOUS-MUQUEUSE
- [72] NA, JONGJU, KR
- [71] VIOL CO. LTD., KR
- [85] 2020-08-13
- [86] 2018-12-20 (PCT/KR2018/016355)
- [87] (WO2019/160235)
- [30] KR (10-2018-0018217) 2018-02-14

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[13] A1

- [51] Int.Cl. H04W 12/08 (2009.01) G06Q 20/34 (2012.01) G06Q 20/38 (2012.01) G06K 7/06 (2006.01) G06K 19/07 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR ISSUER-SPECIFIED DOMAIN CONTROLS ON A PAYMENT INSTRUMENT
 - [54] SYSTEMES ET PROCÉDES CONCERNANT LES COMMANDES DE DOMAINE SPECIFIÉES PAR UN EMETTEUR SUR UN INSTRUMENT DE PAIEMENT
 - [72] MULLANEY, CRAIG M., US
 - [72] SPECTOR, HOWARD, US
 - [72] OUELLETTE, SCOTT H., US
 - [72] DAO, TUAN, US
 - [72] SEENEY, DAVID G., US
 - [71] JPMORGAN CHASE BANK, N.A., US
 - [85] 2020-08-13
 - [86] 2019-02-14 (PCT/US2019/017923)
 - [87] (WO2019/161003)
 - [30] US (62/630,505) 2018-02-14
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[13] A1

- [51] Int.Cl. E21B 34/08 (2006.01) E21B 34/06 (2006.01) E21B 34/14 (2006.01)
- [25] EN
- [54] A VALVE AND A METHOD FOR CLOSING FLUID COMMUNICATION BETWEEN A WELL AND A PRODUCTION STRING, AND A SYSTEM COMPRISING THE VALVE
- [54] SOUPAPE ET PROCÉDÉ DE FERMETURE D'UNE COMMUNICATION FLUIDIQUE ENTRE UN PUITS ET UNE CHAÎNE DE PRODUCTION, ET SYSTÈME COMPRENANT LA SOUPAPE
- [72] KILLIE, RUNE, NO
- [72] BRATTLI, ANDERS BEYER, NO
- [71] INNOWELL SOLUTIONS AS, NO
- [85] 2020-08-13
- [86] 2018-12-14 (PCT/NO2018/050311)
- [87] (WO2019/160423)
- [30] NO (20180230) 2018-02-13

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- [51] Int.Cl. G02B 6/50 (2006.01)
 - [25] EN
 - [54] METHOD FOR INSTALLING FIBER ON PRODUCTION CASING
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- [51] Int.Cl. A47K 10/34 (2006.01) A47G 21/16 (2006.01) A47G 23/00 (2006.01) B65H 37/06 (2006.01) B65H 45/10 (2006.01)
[25] EN
[54] AUTOMATIC NAPKIN DISPENSER
[54] DISTRIBUTEUR DE SERVIETTES AUTOMATIQUE
[72] CASE, ABBY C., US
[72] GENNRICH, DAVID J., US
[72] KALLSEN, KENT J., US
[72] LATHAM, STEPHEN A., US
[72] STRAHM, CHRISTOPHER T., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2013-02-08
[41] 2013-08-15
[62] 2,864,324
[30] US (13/370,511) 2012-02-10
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[21] **3,090,013**
[13] A1

- [51] Int.Cl. A61K 31/465 (2006.01) A24F 40/10 (2020.01) A61K 9/08 (2006.01) A61K 9/72 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A23L 33/105 (2016.01)
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[72] LARSON, RAYMOND LOUIS, US
[71] MENTOR IP, LLC, US
[22] 2015-01-22
[41] 2015-08-06
[62] 2,972,247
[30] US (14/167,853) 2014-01-29

[21] **3,090,069**
[13] A1

- [51] Int.Cl. A61N 5/10 (2006.01) G01R 33/422 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR SHIELDING A LINEAR ACCELERATOR AND A MAGNETIC RESONANCE IMAGING DEVICE FROM EACH OTHER
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[72] DEMPSEY, JAMES F., US
[72] PATRICK, JOHN LESTER, II, US
[72] SHVARTSMAN, SHMARYU, US
[71] VIEWRAY TECHNOLOGIES, INC., US
[22] 2010-07-15
[41] 2011-01-20
[62] 2,760,055
[30] US (61/225,771) 2009-07-15
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[21] **3,090,070**
[13] A1

- [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] 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
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[72] SHU, LIANHE, US
[72] WANG, PING, US
[71] F. HOFFMANN-LA ROCHE LTD., CH
[71] MADRIGAL PHARMACEUTICALS, INC., US
[22] 2013-09-17
[41] 2014-03-20
[62] 2,884,481
[30] US (61/702,137) 2012-09-17
[30] US (61/790,432) 2013-03-15

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| [25] EN | [21] 3,090,083 |
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| [72] ESPINOSA, THOMAS M., US | |
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| [22] 2012-03-19 | |
| [41] 2012-09-27 | |
| [62] 2,988,406 | |
| [30] US (61/454,311) 2011-03-18 | |

[21] 3,090,088
[13] A1

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| [51] Int.Cl. C12N 7/01 (2006.01) A61K 39/12 (2006.01) A61P 1/18 (2006.01) | |
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| [72] ALEXANDERSEN, SVEIN, NO | |
| [72] ELIASSEN, TRYGVE MEUM, NO | |
| [72] SOLBAKK, INGE TOM, NO | |
| [72] RODE, MARIT, NO | |
| [72] MARTINSEN, BERNT, NO | |
| [72] AAS-ENG, ANNE, NO | |
| [71] PHARMAQ AS, NO | |
| [22] 2009-02-06 | |
| [41] 2009-08-08 | |
| [62] 2,653,300 | |
| [30] NO (20080711) 2008-02-08 | |
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| [25] EN | [21] 3,090,109 |
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| [54] PELLE POURVUE D'UN GODET PIVOTANT | |
| [72] KNUTH, JASON, US | |
| [71] JOY GLOBAL SURFACE MINING INC, US | |
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| [62] 2,804,206 | |
| [30] US (61/592,944) 2012-01-31 | |
| [30] US (61/593,131) 2012-01-31 | |

[21] 3,090,172
[13] A1

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| [51] Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) | |
| [25] EN | |
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| [72] KUHN, JOSEF MARTIN, DE | |
| [72] LOYALL, LINDA PATRICIA, DE | |
| [72] SIEBERT, MALTE, DE | |
| [71] BASF PLANT SCIENCE COMPANY GMBH, DE | |
| [22] 2010-08-11 | |
| [41] 2011-03-03 | |
| [62] 3,031,259 | |
| [30] US (61/238,230) 2009-08-31 | |
| [30] EP (09169019.8) 2009-08-31 | |

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| [25] EN | [21] 3,090,231 |
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| [54] | |
| [72] CRAWFORD, PATTI C., US | |
| [72] GIBBS, PAUL J., US | |
| [72] DUBOVI, EDWARD J., US | |
| [72] DONIS, RUBEN O., US | |
| [72] KATZ, JACQUELINE, US | |
| [72] KLIMOV, ALEXANDER I., US | |
| [72] LAKSHMANAN, NALLAKANNU P., US | |
| [72] LUM, MELISSA ANNE, US | |
| [72] GOOVAERTS, DANIEL GHISLENA EMIEL, NL | |
| [72] MELLENCAMP, MARK WILLIAM, US | |
| [72] COX, NANCY J., US | |
| [72] CASTLEMAN, WILLIAM L., US | |
| [71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US | |
| [71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, US | |
| [71] CORNELL RESEARCH FOUNDATION, INC., US | |
| [71] INTERVET INTERNATIONAL B.V., NL | |
| [22] 2006-10-19 | |
| [41] 2007-04-26 | |
| [62] 2,626,489 | |
| [30] US (60/728,449) 2005-10-19 | |
| [30] US (60/754,881) 2005-12-29 | |
| [30] US (60/759,162) 2006-01-14 | |
| [30] US (60/761,451) 2006-01-23 | |
| [30] US (60/779,080) 2006-03-03 | |
| [30] US (11/409,416) 2006-04-21 | |

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[21] **3,090,235**
[13] A1

[25] EN

[54] **TOOL FOR OPENING AND
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[54]

[72] JOHNSON, TIM, CA

[72] GETZLAF, DON, CA

[71] NCS MULTISTAGE INC., CA

[22] 2015-12-29

[41] 2016-06-29

[62] 2,916,422

[30] US (62/097,245) 2014-12-29

[21] **3,090,296**
[13] A1

[51] **Int.Cl. A01N 47/16 (2006.01) A01N
43/42 (2006.01) A01N 43/54 (2006.01)
A01P 3/00 (2006.01)**

[25] EN

[54] **PLANT DISEASE CONTROL
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DISEASE**

[54]

[72] TANAKA, SOICHI, JP

[71] SUMITOMO CHEMICAL
COMPANY, LIMITED, JP

[22] 2013-06-06

[41] 2013-12-19

[62] 2,874,423

[30] JP (2012-132601) 2012-06-12

[21] **3,090,371**
[13] A1

[25] EN

[54] **COMPOSITIONS CONTAINING
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[54] **OMPOSITIONS CONTENANT DES
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[72] SINGH, RAJIV R., US

[72] PHAM, HANG T., US

[72] WILSON, DAVID P., US

[72] THOMAS, RAYMOND H., US

[71] HONEYWELL INTERNATIONAL
INC., US

[22] 2005-04-29

[41] 2005-11-10

[62] 3,023,293

[30] US (10/837,525) 2004-04-29

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| 510 KARDIAC DEVICES, INC. | 3,090,688 | AMATO, ROSARIO | 3,090,758 | BAILEY, TIMOTHY J. | 3,090,763 |
| 5N PLUS INC. | 3,090,714 | AMEND, JOHN RICHARD JR. | 3,090,819 | BAKULIN, ANDREY | 3,090,760 |
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| AGARWAL, SAGR | 3,091,012 | ARFAJ, MOHAMMED K. | 3,091,018 | BARTHELEMY, PHILIPPE | 3,090,959 |
| AHEARN, KEVIN | 3,090,647 | ARFAJ, MOHAMMED K. | 3,091,163 | BARTHOLOMEW, ERIC L. | 3,090,588 |
| AI THERAPEUTICS, INC. | 3,090,807 | ARFAJ, MOHAMMED K. | 3,091,243 | BARTOSCH, CHRISTIAN | 3,090,605 |
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| JOSEPH | 3,090,663 | CORPORATION | 3,090,664 | FUKUDA, KAZUMASA |
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| ELI LILLY AND COMPANY | 3,090,539 | SERVICES, INC. | 3,090,892 | FUNATSU, YOSHITSUGU |
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| UYTIEPO, BRYCE ANDEN | 3,090,859 | WALSDORFF, CHRISTIAN | 3,090,605 | WHITNEY, HEATHER M. | 3,091,006 |
| V-SHAPES S.R.L. | 3,091,203 | WALSH, TIMOTHY ADAM | 3,090,897 | WHITNEY, R., ROY | 3,090,803 |
| VACHON, CYRIL | 3,090,758 | WALTER, HARALD | 3,090,206 | WIEDERMANN, URSULA | 3,090,552 |
| VACHON, STEEVE | 3,090,685 | WAN, WENCHAO | 3,090,890 | WILLIAMS, RODNEY B. | 3,090,990 |
| VALBJOERN, JESPER | 3,090,840 | WANCHO, THOMAS F. | 3,090,834 | WILLIS, TIMOTHY EUGENE | 3,091,129 |
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| VALLEE, MONIQUE | 3,090,685 | WANG, BO | 3,091,136 | WINSTON, JOSEPH BLAKE | 3,090,965 |
| VALORBEC SOCIETE EN COMMANDITE | 3,090,975 | WANG, CHARLES HAI | 3,090,956 | WIXTROM, ALEX I. | 3,090,803 |
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| VAN DE VYVER, STIJN | 3,090,684 | WANG, IVAN | 3,091,100 | WOBBEN PROPERTIES GMBH | 3,090,850 |
| VANGILDER, DANIEL | 3,090,965 | WANG, JING | 3,090,831 | WOLFF, FRANCIS | 3,091,014 |
| VANGORDON, JAMES | 3,090,928 | WANG, KEFEI | 3,090,720 | WONG, CHRISTOPHER | 3,090,822 |
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| VANGORDON, JAMES ARTHUR | 3,090,695 | WANG, PEIYUAN | 3,091,015 | WOODSTREAM | |
| VANO, RYAN | 3,090,686 | WANG, SHAOYING | 3,091,126 | CORPORATION | 3,090,900 |
| VANVUUREN, MARK A. | 3,090,647 | WANG, TAO | 3,090,913 | WOODWORTH, JASON C. | 3,091,197 |
| VANVUUREN, MARK A. | 3,090,811 | WANG, WEI | 3,074,136 | WOOSNAM, DAVID | 3,090,611 |
| VAVRA, JAN | 3,090,627 | WANG, WENXIANG | 3,091,042 | WU, DONGDONG | 3,091,049 |
| VAYAVISION SENSING LTD. | 3,090,688 | WANG, YANPENG | 3,091,157 | WU, KUN | 3,091,081 |
| VEENMAN, STEVEN J. | 3,090,697 | WANG, YING | 3,090,907 | WU, RUIYANG | 3,091,042 |
| VEENMAN, STEVEN J. | 3,090,686 | WANG, ZHONGXIANG | 3,090,829 | WU, YUAN BAI | 3,090,555 |
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| | | WEBER, ERIK | 3,082,789 | XU, XIAODONG | 3,091,175 |
| | | WEBER, JOEL C. | 3,090,784 | XU, YECHUN | 3,090,598 |
| | | WEBSTER, JOSHUA WAYNE | 3,091,148 | XU, YIYANG | 3,091,143 |
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| | | WEI, JIANFENG | 3,090,907 | XU, ZHANQIANG | 3,090,876 |
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| YANG, HAILONG | 3,090,876 | ZHAO, QI | 3,090,712 |
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| YANG, JIAN | 3,090,994 | ZHAO, ZHIYONG | 3,090,902 |
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| YU, JINHA | 3,090,788 | | |
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| YUPP TECHNOLOGY INC. | 3,091,195 | | |
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| ZAHNER, BRYAN SCOTT | 3,090,686 | | |
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| CHASNHOFF, ANNA | 3,090,070 | KULAS, JOHN W. | SILVESTRI, VINCE | 3,089,869 |
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| FOUNDATION, INC. | 3,090,231 | LI, JUNGHAO | SONI, PARESH | 3,089,847 |
| COX, NANCY J. | 3,090,231 | LIN, WEI | STEARNS, DONALD E. | 3,089,887 |
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| DEMPSEY, JAMES F. | 3,090,069 | PHARMACEUTICALS, | COMPANY, LIMITED | 3,090,296 |
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| DUGUID, ROBERT J. | 3,090,070 | INC. | INC. | 3,089,670 |
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| LTD. | 3,089,869 | MORGAN, DANIEL T. | SECRETARY OF THE | |
| F. HOFFMANN-LA ROCHE | | MORGAN, ZACH T. | DEPARTMENT OF | |
| LTD. | 3,090,070 | MORTAN, INC. | HEALTH AND HUMAN | |
| GAIRNS, DAVID | 3,089,772 | NANOSPHERE HEALTH | SERVICES, CENTERS FOR | |
| GENNRICH, DAVID J. | 3,089,992 | SCIENCES, LLC | DISEASE CONTROL AND | |
| GETZLAF, DON | 3,090,235 | NCS MULTISTAGE INC. | PREVENTION | 3,090,231 |
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| HARRIS, TODD JAMES | 3,089,747 | PATRICK, JOHN LESTER, II | AMERICA AS | |
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| INC. | 3,090,069 |
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| WHITMORE, DAVID | 3,089,939 |
| WICKER, PIERRE | 3,089,847 |
| WILSON, DAVID P. | 3,090,371 |
| WINNARD, STANLEY D. | 3,089,892 |
| WOOD, DAVID J. | 3,053,789 |
| XUE, XIN | 3,089,960 |
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| ZHANG, JIN | 3,089,920 |