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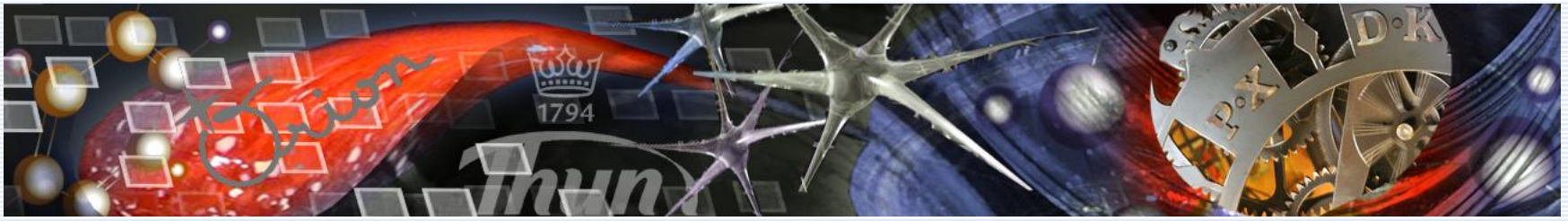
Ing. Jarmila Avratová

Brno 2019



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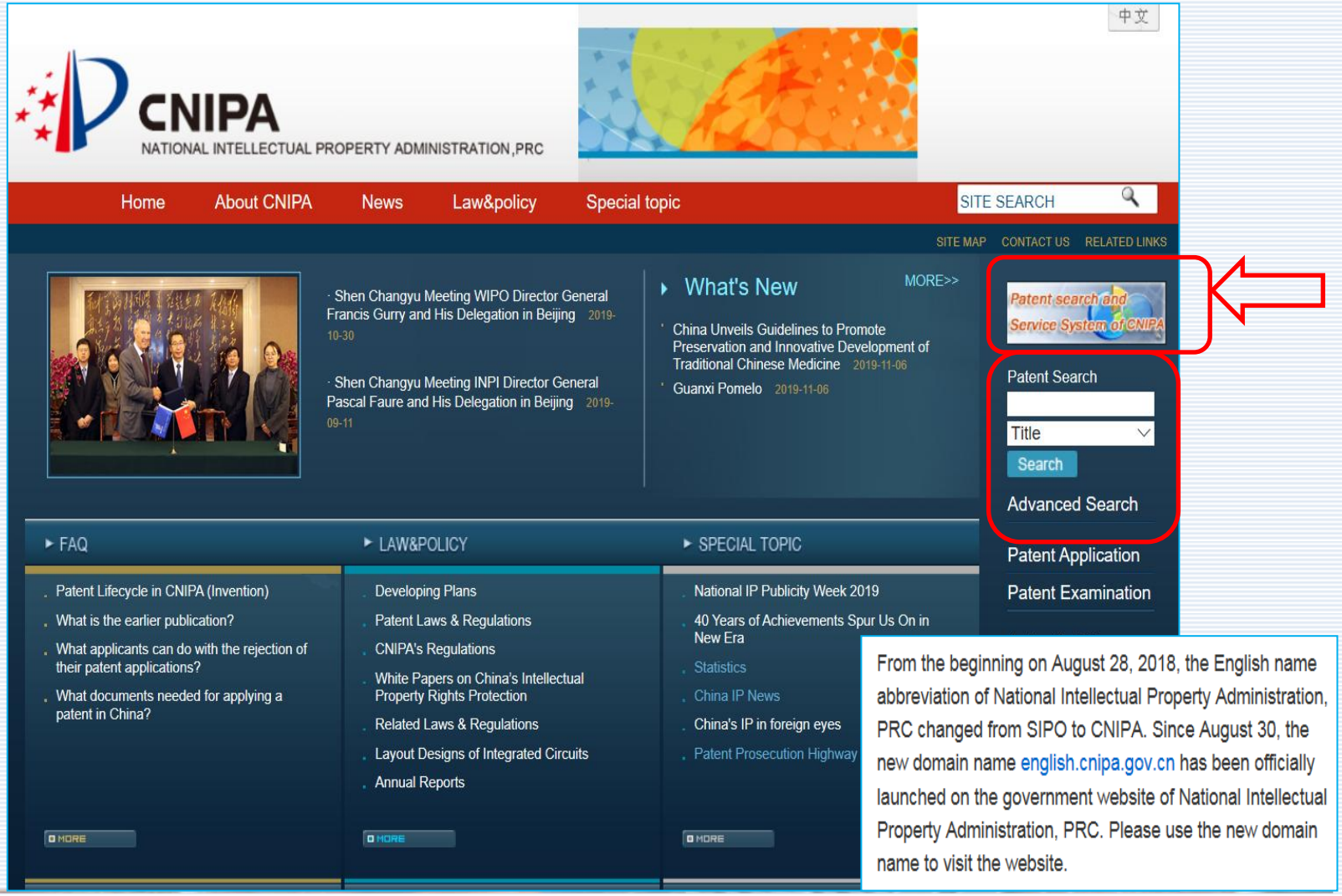
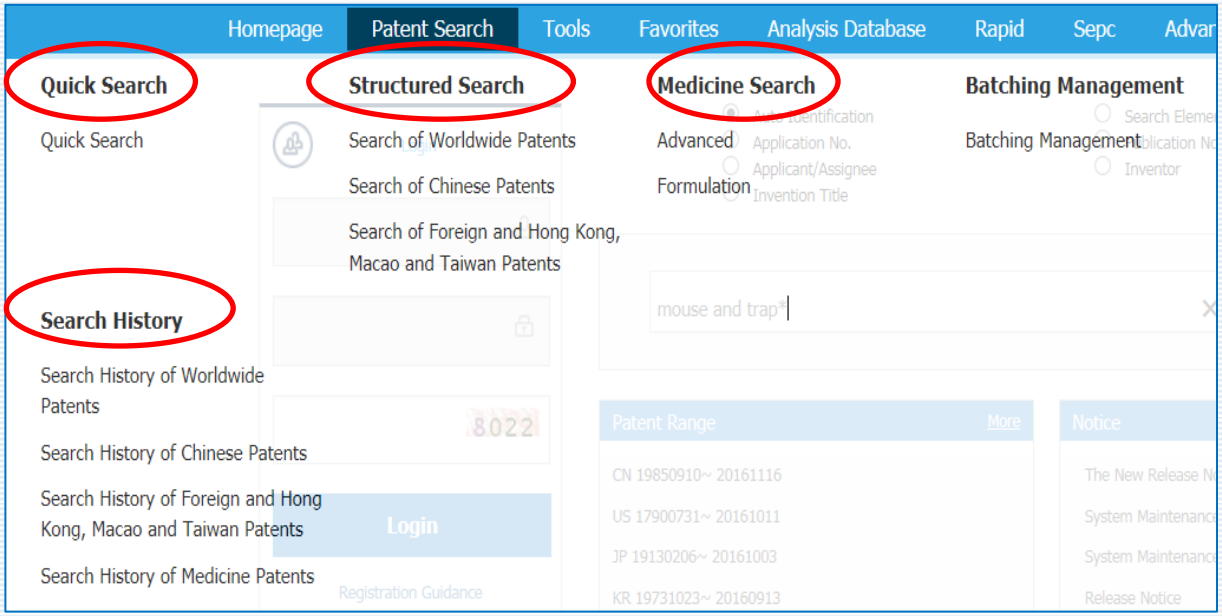


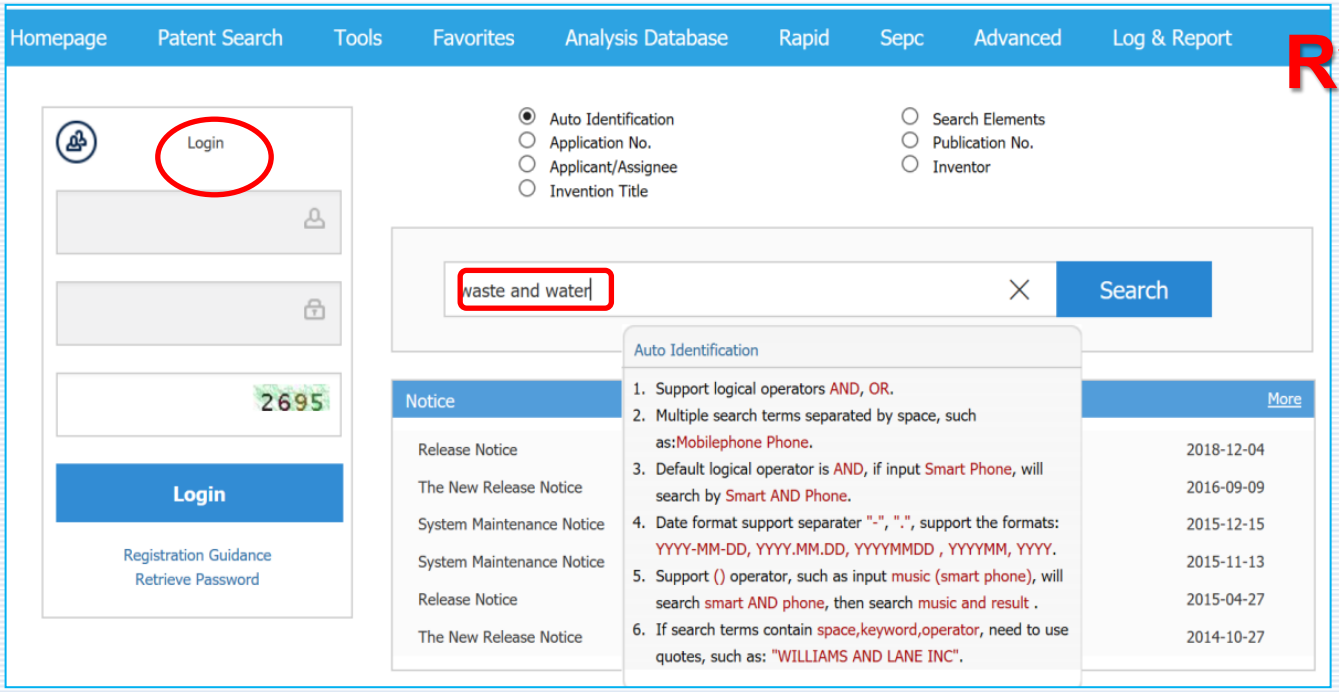
From the beginning on August 28, 2018, the English name abbreviation of National Intellectual Property Administration, PRC changed from SIPO to CNIPA. Since August 30, the new domain name english.cnipa.gov.cn has been officially launched on the government website of National Intellectual Property Administration, PRC. Please use the new domain name to visit the website.

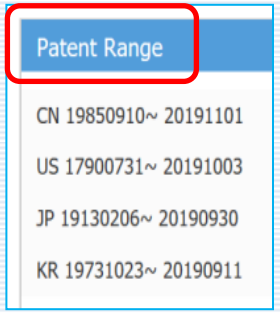


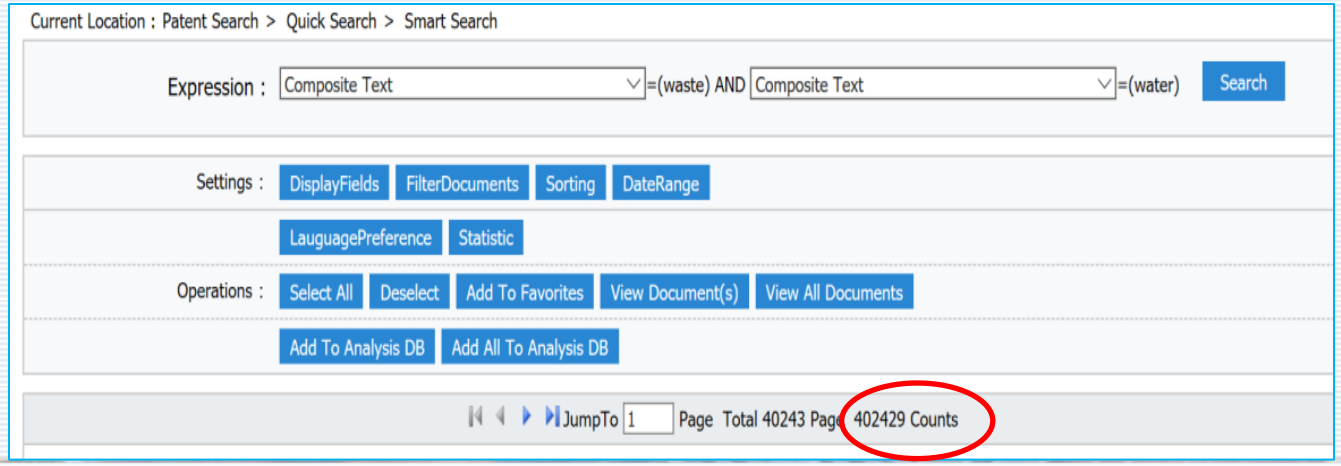
Najdeme zde:

- Týdenní aktualizace
- Patenty, užitné vzory a designy od 1985
- Po registraci i vyhledávání plných dokumentů, citace, patentové rodiny, právní stavy
- Překladač

Rychlé hledání







Application Date :2017.06.20

Publication No. :WO2018008392A1

Publication Date :2018.01.11

Invention Title :SOLUBILIZING DEVICE

IPC Classification No. :C02F1/04;

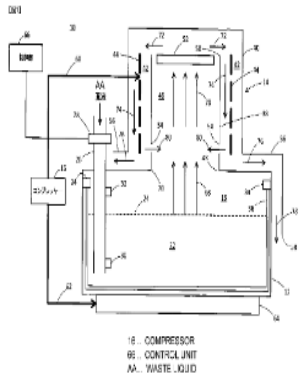
Applicant/Assignee :ITO HAYAO;

Inventor :ITO HAYAO;

Priority No. :JP2016133697

Priority Date :2016.07.05

Agent :



View Family Citing/Cited LegalStatus

☐ **Application No.** US:201615220490:A **Application Date** 2016.07.27 Hide Top End

Application No. :US:201615220490:A Hide

Application Date :2016.07.27

Publication No. :US9895726B1

Publication Date :2018.02.20

Invention Title : Method for cleaning a food waste recycling bin of a food waste recycling appliance

IPC Classification No. :B08B7/00;B08B9/00;B08B9/08;

Applicant/Assignee :WHIRLPOOL CO;

Inventor :ATKINSON WADE ALAN;LATACK THOMAS A;ROTH ANDREW;GREGORY JOSEPH;MAGHAS RACHEL;

Priority No. :US201615220490

Priority Date :2016.07.27

Agent :

Not Available

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Result List (1)

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US9895726B1 Method for cleanin g a food waste recycling bin of a f ood waste recycling appliance Viewing

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US2018029091A1 [English] US9895726B1 [English]

Invention Title -- Method for cleaning a food waste recycling bin of a food waste recycling appliance

Application No.	US:201615220490:A
Application Date	2016.07.27
Publication No.	US9895726B1
Publication Date	2018.02.20
IPC Classification No.	B08B7/00; B08B9/00; B08B9/08
Applicant/Assignee	WHIRLPOOL CO;
Inventor	ATKINSON WADE ALAN;LATACK THOMAS A;ROTH AND W;GREGORY JOSEPH;MAGHAS RACHEL;
Priority No.	US201615220490
Priority Date	2016.07.27
CPC	

Abstract [Support Block Translation]

Chinese->English

English->Chinese Other

Abstract : A method for cleaning a food waste recycling bin of a food waste recycling appliance includes maintaining between a lower portion and an upper portion of the food waste recycling bin a temperature differential sufficient such that water vapor is emitted from waste located in the lower portion of the food waste recycling bin.

Graphs

Highlight | SpectrumBar | Focus | DisplayedFields | DossierInformation

Previous | Bibliographic Data | Full Text | Documents | Next

US2018029091A1 [English] US9895726B1 [English]

Claims

1. A method for cleaning a food waste recycling bin holding food waste and having a peripheral wall with an inner surface defining an interior with a closed bottom defining a lower portion and having an open top defining an upper portion, of a food waste recycling appliance, the method for cleaning comprising: exposing the open top to ambient air and heating the lower portion to heat the food waste to generate a temperature differential between the lower and upper portion causing water vapor emitted from food waste located in the lower portion to condense on the inner surface of the peripheral wall within the interior along the upper portion to form a condensate cleaning the inner surface of the peripheral wall.

2. The method of claim 1 further comprising rotating a mixer in the food waste recycling bin.

3. The method of claim 1 further comprising reducing the a dew point in the upper portion of the food waste recycling bin.

4. The method of claim 1 wherein the heating the lower portion comprises applying heat to maintain a temperature of the lower portion at a predetermined temperature.

5. The method of claim 1 further comprising flowing cooling air through the upper portion of the food waste recycling bin.

6. The method of claim 1 wherein maintaining the temperature differential comprises cooling the upper portion of the food waste recycling bin.

7. The method of claim 2 wherein at least a portion of the condensing occurs above the mixer.

8. The method of claim 3 wherein reducing the dew point comprises at least one of reducing a temperature of the upper portion of the food waste recycling bin, reducing an air temperature within the upper portion of the food waste recycling bin, or reducing a humidity within the upper portion of the food waste recycling bin.

9. The method of claim 3 wherein reducing the dew point comprises flowing the ambient air into the upper portion of the food waste recycling bin.

10. The method of claim 4 wherein the predetermined temperature is about 167 degrees Fahrenheit

11. The method of claim 7 furth

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Abstract Information

Invention Title | Application No. | Application Date
Publication No. | Publication Date | IPC Classification No.
Applicant/Assignee | Inventor | Priority No.
Abstract | Abstract Drawings

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Full Text

Full Text Image

Verification Code : 6071 Refresh Verification Code

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US009895726B1

(12) **United States Patent**
Atkinson et al.

(10) **Patent No.: US 9,895,726 B1**
(45) **Date of Patent: Feb. 20, 2018**

(54) **METHOD FOR CLEANING A FOOD WASTE RECYCLING BIN OF A FOOD WASTE RECYCLING APPLIANCE**

(71) Applicant: **Whirlpool Corporation**, Benton Harbor, MI (US)

(72) Inventors: **Wade Alan Atkinson**, Benton Harbor, MI (US); **Thomas A. Latack**, Baroda, MI (US); **Andrew Roth**, Saint Joseph, MI (US); **Joseph Gregory**, Benton Harbor, MI (US); **Rachel Maghas**, Benton Harbor, MI (US)

(73) Assignee: **Whirlpool Corporation**, Benton Harbor, MI (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/220,490**

(22) Filed: **Jul. 27, 2016**

(51) **Int. Cl.**
B08B 9/00 (2006.01)
B08B 9/08 (2006.01)
B08B 7/00 (2006.01)

(52) **U.S. Cl.**
CPC ***B08B 9/08*** (2013.01); ***B08B 7/0092*** (2013.01)

(58) **Field of Classification Search**
CPC B08B 9/08; B08B 7/0092
See application file for complete search history.

(56) **References Cited**

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2017/0260111 A1 * 9/2017 Maghas C05F 17/027

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WO WO2014198795 * 12/2014

OTHER PUBLICATIONS

Machine Translation of Application No. IN1140/KOL/2015A, Method for the Sterilization of Foodstuffs, Especially for Spices, The Patent Office Journal, Publication date Aug. 26, 2016, pp. 1-11.*
European Search Report for Counterpart EP171604432, Dated Aug. 23, 2017.
* cited by examiner

Primary Examiner — Sharidan Carrillo

(57) **ABSTRACT**

A method for cleaning a food waste recycling bin of a food waste recycling appliance includes maintaining between a lower portion and an upper portion of the food waste recycling bin a temperature differential sufficient such that water vapor is emitted from waste located in the lower portion of the food waste recycling bin.

17 Claims, 5 Drawing Sheets

Application No. CN:94193723:A **【Invention】Application Date** 1994.06.06 Hide Top End

Application No. :CN:94193723:A

Application Date :1994.06.06

Publication No. :CN1133017A

Publication Date :1996.10.09

Invention Title : Method of and apparatus for distillation under reduced pressure

IPC Classification No. :B01D5/00;B01D3/10;B01D3/00;B01D3/42;B01D1/00;

Applicant/Assignee :TOSHIBA CO LTD;

Inventor :SHUNICHI KAWAGOE;TAKEJI TSUCHIYA;OHKAWA TAKAYUKI;

Priority No. :JP23583793; JP23718393; JP24621493; JP24621593; JP24606693; JP9400913

Priority Date :1993.08.30; 1993.08.31; 1993.09.07; 1993.09.08; 1994.06.06

Agent :

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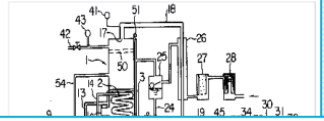

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Citation(s)

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List of Patent Citation Document(s)

Publication No.: AP66A
Application No.: AP8600046
Inventor: LARKIN JOHN PATRICK
Invention Title: Pestcidal compounds.

Relevance:
IPC: C07D317/00; C07D319/00; C07F7/08; C07D335/00; C07D497/08; A01N43/90; C07D493/08; C07D327/00; C07D495/08; A01N55/00; C07D339/00
Applicant/Assignee: WELLCOME FOUND
Paragraph:
Claims:

Publication No.: AP685A
Application No.: AP9600809
Inventor: NIKAM BHAUSAHEB BAPURAO
Invention Title: "Sugar cane milling system."

Relevance:
IPC: B30B9/20; B02C4/02; C13B10/06; B30B9/16; B02C4/28; C13B5/04
Applicant/Assignee: NIKAM BHAUSAHEB BAPURAO
Paragraph:
Claims:

Publication No.: AU7445698A
Application No.: AU7445698
Inventor: CARPINO PHILIP ALBERT;CHIU CHARLES KWOK-FUNG;LEFKER BRUCE ALLEN;PAN LYDIA CODETTA;TREADWAY JUDITH LEE;ZAWISTOSKI MICHAEL PAUL
Invention Title: Treatment of insulin resistance with growth hormone secretagogues

Relevance:
IPC: A61P3/04; A61P9/04; C07D211/78; A61K38/05; C07K; C07D211/60; C07D; C07K1/06; A61P5/02; C07K5/04; A61K38/25; A61P25/20; A61P43/00; A61P25/00; C07K1/02; C07D211/74; C07D471/04; A61K38/00; C07K5/06
Applicant/Assignee: PFIZER PROD INC
Paragraph:
Claims:

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Patent Family Information

Patent Family Number : 10815198

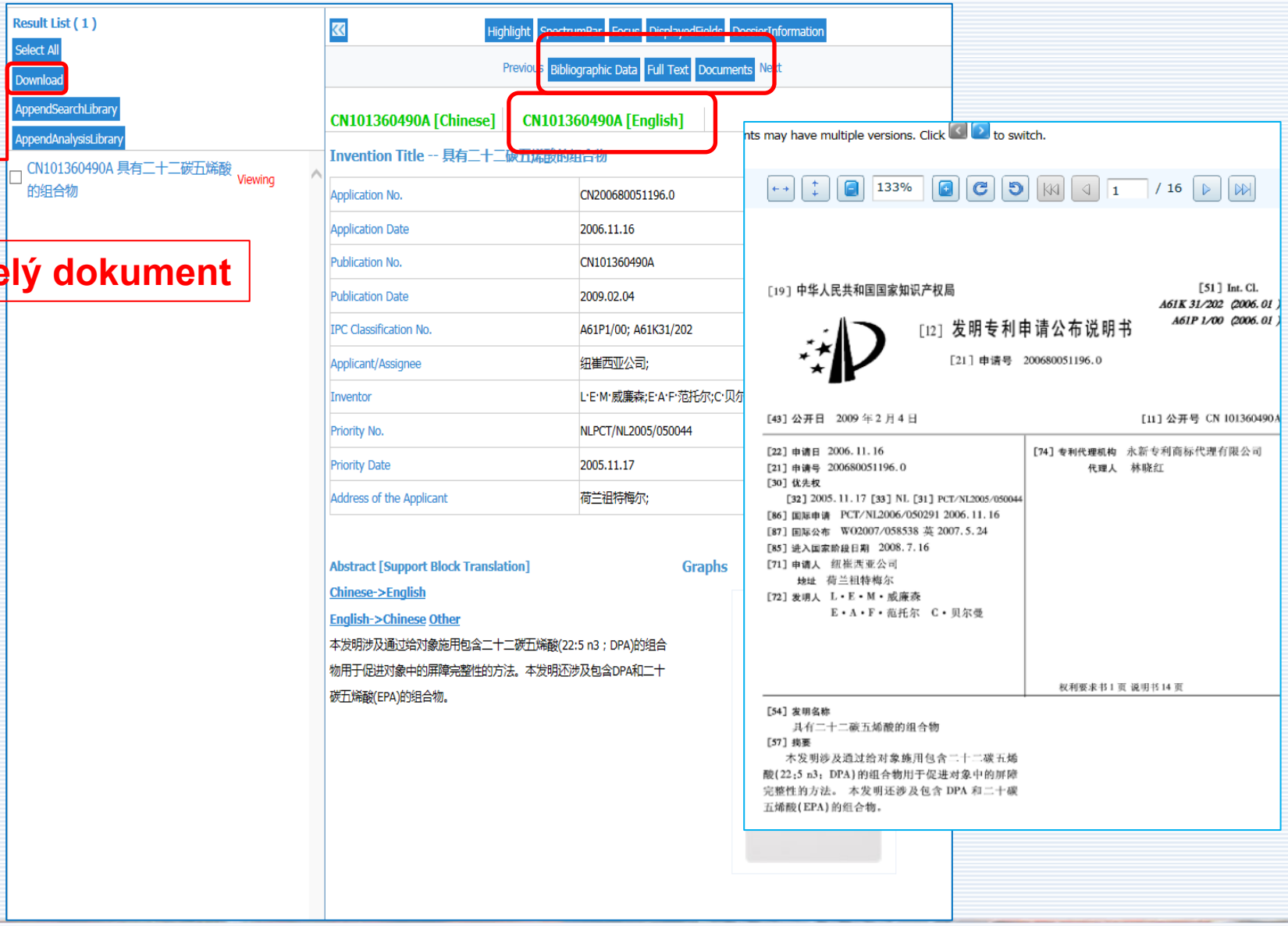
Application No.: AP200001738
Publication No.: AP200001738A0
Publication Date:
Priority No:
Invention Title: Device f
Operation: Citation

Application No.: ARP980103177
Publication No.: AR013154A1
Publication Date:
Priority No:
Invention Title:
Operation: Citation

Application No.: AT98932306
Publication No.: AT308956T
Publication Date:
Priority No:
Invention Title:
Operation: Citation

Application No.: AU8225298
Publication No.: AU733017B2
Publication Date:
Priority No:
Invention Title: Device for holding blister pack
Operation: Citation

Application No.: AU8225298
Priority No:
Invention Title: Device for holding blister pack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CN101360490A 具有二十二碳五烯酸的组合物
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Celý dokument
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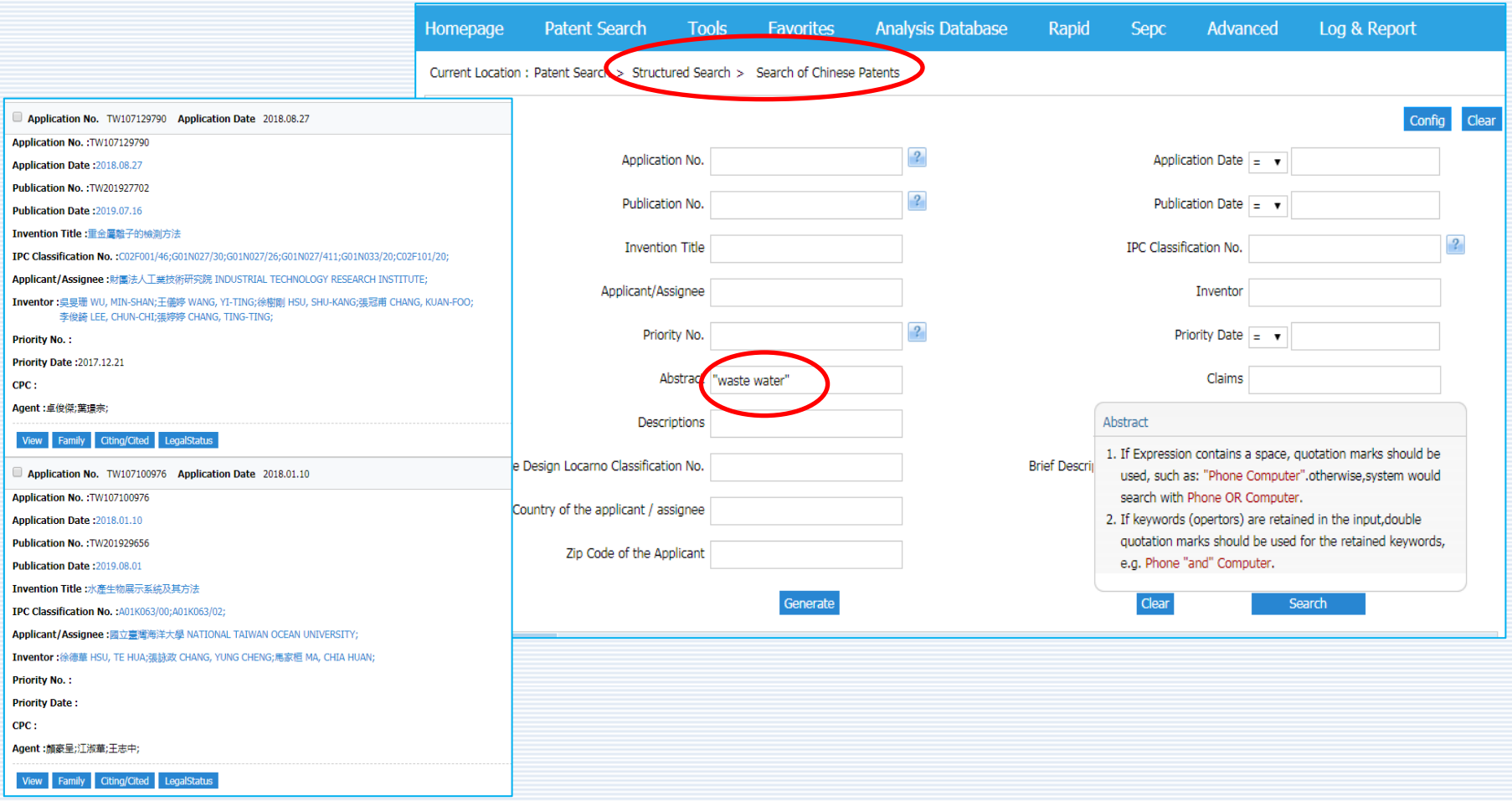
Bibliographic Data
Full Text
Documents
CN101360490A [Chinese]
CN101360490A [English]
Invention Title -- 具有二十二碳五烯酸的组合物
Application No. CN200680051196.0
Application Date 2006.11.16
Publication No. CN101360490A
Publication Date 2009.02.04
IPC Classification No. A61P1/00; A61K31/202
Applicant/Assignee 纽崔西亚公司;
Inventor L·E·M·威廉森;E·A·F·范托尔;C·贝尔
Priority No. NLPCT/NL2005/050044
Priority Date 2005.11.17
Address of the Applicant 荷兰祖特梅尔;
Abstract [Support Block Translation]
Graphs
Chinese->English
English->Chinese Other
本发明涉及通过给对象施用包含二十二碳五烯酸(22:5 n3；DPA)的组合物用于促进对象中的屏障完整性的方法。本发明还涉及包含DPA和二十碳五烯酸(EPA)的组合物。
133%
/ 16
[19] 中华人民共和国国家知识产权局
[12] 发明专利申请公布说明书
[51] Int. Cl.
A61K 31/202 (2006.01)
A61P 1/00 (2006.01)
[21] 申请号 200680051196.0
[43] 公开日 2009 年 2 月 4 日
[11] 公开号 CN 101360490 A
[22] 申请日 2006.11.16
[21] 申请号 200680051196.0
[30] 优先权
[32] 2005.11.17 [33] NL [31] PCT/NL2005/050044
[86] 国际申请 PCT/NL2006/050291 2006.11.16
[87] 国际公布 WO2007/058538 英 2007.5.24
[85] 进入国家阶段日期 2008.7.16
[71] 申请人 纽崔西亚公司
地址 荷兰祖特梅尔
[72] 发明人 L·E·M·威廉森
E·A·F·范托尔 C·贝尔曼
[74] 专利代理机构 永新专利商标代理有限公司
代理人 林晓红
权利要求书 1 页 说明书 14 页
[54] 发明名称
具有二十二碳五烯酸的组合物
[57] 摘要
本发明涉及通过给对象施用包含二十二碳五烯酸(22:5 n3；DPA)的组合物用于促进对象中的屏障完整性的方法。本发明还涉及包含 DPA 和二十碳五烯酸(EPA)的组合物。

Strukturované vyhledávání



TW201927702 [Chinese] TW201927702A [English]

Invention Title -- 重金屬離子的檢測方法

Application No.	TW107129790
Application Date	2018.08.27
Publication No.	TW201927702
Publication Date	2019.07.16
IPC Classification No.	C02F001/46; G01N027/30; G01N027/26; G01N027/411; G01N033/20; C02F101/20
Applicant/Assignee	財團法人工業技術研究院 INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE;
Inventor	吳旻珊 WU, MIN-SHAN;王儀婷 WANG, YI-TING;徐樹剛 HSU, SHU-KANG;張冠甫 CHANG, KUAN-FOO;李俊錡 LEE, CHUN-CHI;張婷婷 CHANG, TING-TING;
Priority No.	
Priority Date	2017.12.21
Address of the Applicant	新竹縣竹東鎮中興路四段195號;
CPC	

Abstract [Support Block Translation]

Chinese->English

English->Chinese Other

Abstract : Provided is a detection method for heavy metal ions that includes following steps. A waste water is flowed through an ion imprinted polymer tube for absorbing at least two kinds of target heavy metal ions. The ion imprinted polymer tube is rinsed to remove a non-target object from the ion imprinted polymer tube. The target heavy metal ions in the ion imprinted polymer tube are desorbed by using an acid liquid. An electrochemical method is performed to detect concentrations of the target heavy metal ions. Abstract_Original: 提出一種重金屬離子的檢測方法，其包括下列步驟。使廢水流經用以吸附至少兩種目標金屬離子的離子拓印高分子管。沖洗離子拓印高分子管，以移除離子拓印高分子管中的非目標物。以酸液脫附離子拓印高分子管中的目標金屬離子。以電化學法檢測目標金屬離子的濃度。

Graphs

Not Available

Translation Content

Source

liquid. An electrochemical method is performed to detect concentrations of the target heavy metal ions. Abstract_Original: 提出一種重金屬離子的檢測方法，其包括下列步驟。使廢水流經用以吸附至少兩種目標金屬離子的離子拓印高分子管。沖洗離子拓印高分子管，以移除離子拓印高分子管中的非目標物。以酸液脫附離子拓印高分子管中的目標金屬離子。以電化學法檢測目標金屬離子的濃度。

Translation

Shi 廢 rivers 經 is used for adsorbing at least 兩 種 mesh 標 Jin 屬 離 de 離 rubbing polymer pipe. 沖 Xi 離 rubbing polymer pipe is with the non- mesh 標 thing in the Yi chu 離 rubbing polymer pipe. With mesh 標 Jin 屬 離 in the acidizing fluid 脫 Fu 離 rubbing polymer pipe. 濕 degree with 電ization 學 Fa 檢 測 mesh 標 Jin 屬 離.

Highlight SpectrumBar Focus DisplayedFields DossierInformation
Previous Bibliographic Data Full Text Documents Next

TW201927702 [Chinese] TW201927702A [English]

Invention Title -- 重金屬離子的檢測方法

Application No.	TW107129790
Application Date	2018.08.27
Publication No.	TW201927702
	2019.07.16
	C02F001/46; G01N027/30; G01N027/26; G01N027/411; G01N033/20; C02F101/20
	財團法人工業技術研究院 INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE;
	吳旻珊 WU, MIN-SHAN;王儀婷 WANG, YI-TING;徐樹剛 HSU, SHU-KANG;張冠甫 CHANG, KUAN-FOO;李俊錡 LEE, CHUN-CHI;張婷婷 CHANG, TING-TING;
	2017.12.21
	新竹縣竹東鎮中興路四段195號;

Graphs

Not Available

od for heavy metal ions that includes following steps. A waste water is flowed through an ion imprinted polymer tube for absorbing at least two kinds of target heavy metal ions. The ion imprinted polymer tube is rinsed to remove a non-target object from the ion imprinted polymer tube. The target heavy metal ions in the ion imprinted polymer tube are desorbed by using an acid liquid. An electrochemical method is performed to detect concentrations of the target heavy metal ions. Abstract_Original: 提出一種重金屬離子的檢測方法，其包括下列步驟。使廢水流經用以吸附至少兩種目標金屬離子的離子拓印高分子管。沖洗離子拓印高分子管，以移除離子拓印高分子管中的非目標物。以酸液脫附離子拓印高分子管中的目標金屬離子。以電化學法檢測目標金屬離子的濃度。

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Applicant's/Patentee's Alias Inquiry
Country Code Inquiry
Bilingual Dictionary Inquiry
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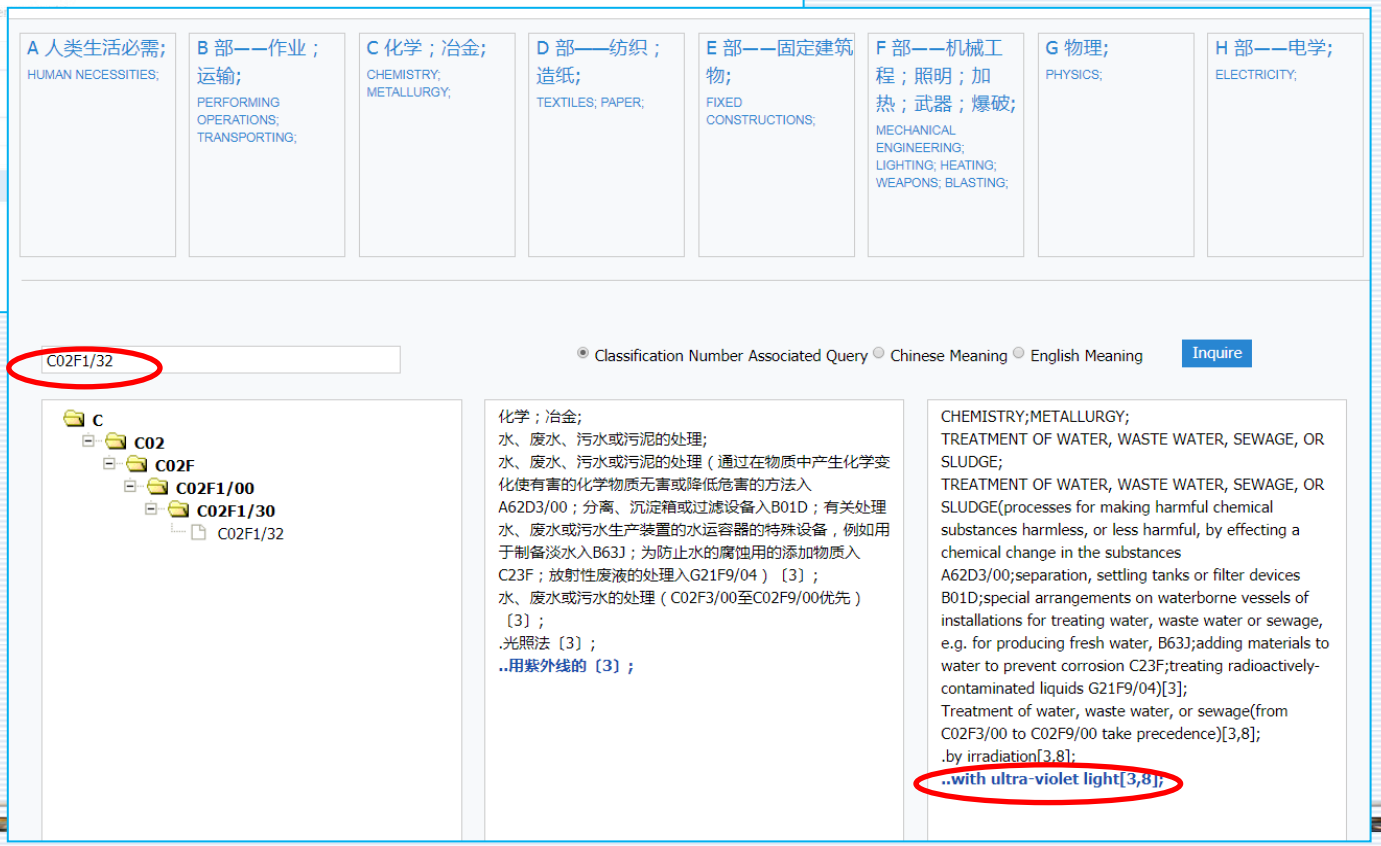
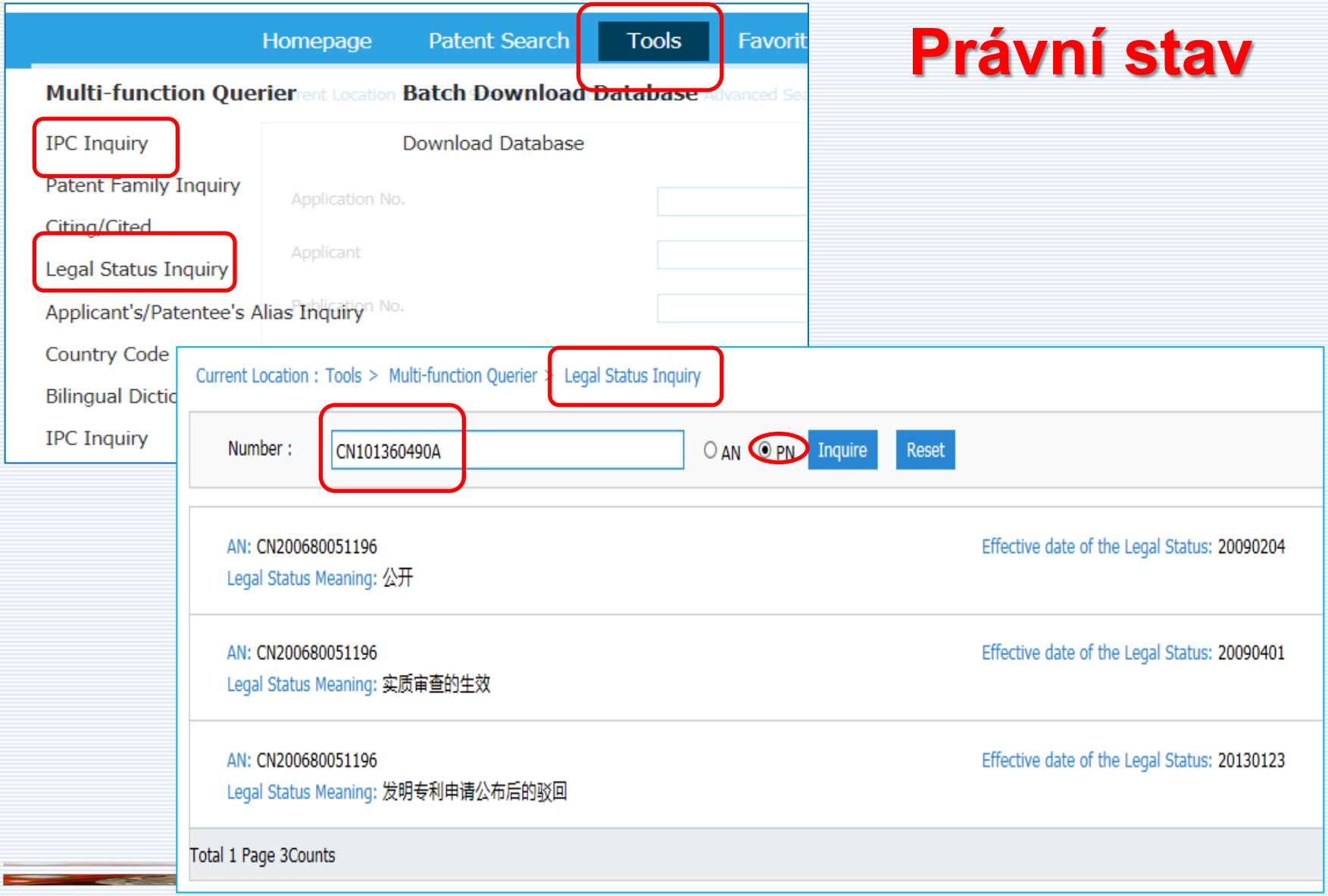
Search Elements
Publication No.
Inventor


A 人类生活必需; HUMAN NECESSITIES;
B 部——作业；运输; PERFORMING OPERATIONS; TRANSPORTING;
C 化学；冶金; CHEMISTRY; METALLURGY;
D 部——纺织；造纸; TEXTILES; PAPER;
E 部——固定建筑物; FIXED CONSTRUCTIONS;
F 部——机械工程；照明；加热；武器；爆破; MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING;
G 物理; PHYSICS;
H 部——电学; ELECTRICITY;
C02F1/32
Classification Number Associated Query
Chinese Meaning
English Meaning
Inquire
C
C02
C02F
C02F1/00
C02F1/30
C02F1/32
化学；冶金;
水、废水、污水或污泥的处理;
水、废水、污水或污泥的处理（通过在物质中产生化学变化使有害的化学物质无害或降低危害的方法入A62D3/00；分离、沉淀箱或过滤设备入B01D；有关处理水、废水或污水生产装置的水运容器的特殊设备，例如用于制备淡水入B63J；为防止水的腐蚀用的添加物质入C23F；放射性废液的处理入G21F9/04）〔3〕;
水、废水或污水的处理（C02F3/00至C02F9/00优先）〔3〕;
.光照法〔3〕;
..用紫外线的〔3〕;
CHEMISTRY;METALLURGY;
TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE;
TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE(processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change in the substances A62D3/00;separation, settling tanks or filter devices B01D;special arrangements on waterborne vessels of installations for treating water, waste water or sewage, e.g. for producing fresh water, B63J;adding materials to water to prevent corrosion C23F;treating radioactively-contaminated liquids G21F9/04)[3];
Treatment of water, waste water, or sewage(from C02F3/00 to C02F9/00 take precedence)[3,8];
.by irradiation[3,8];
..with ultra-violet light[3,8];

Právní stav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Legal Status Meaning: 公开
Effective date of the Legal Status: 20090204
AN: CN200680051196
Legal Status Meaning: 实质审查的生效
Effective date of the Legal Status: 20090401
AN: CN200680051196
Legal Status Meaning: 发明专利申请公布后的驳回
Effective date of the Legal Status: 20130123
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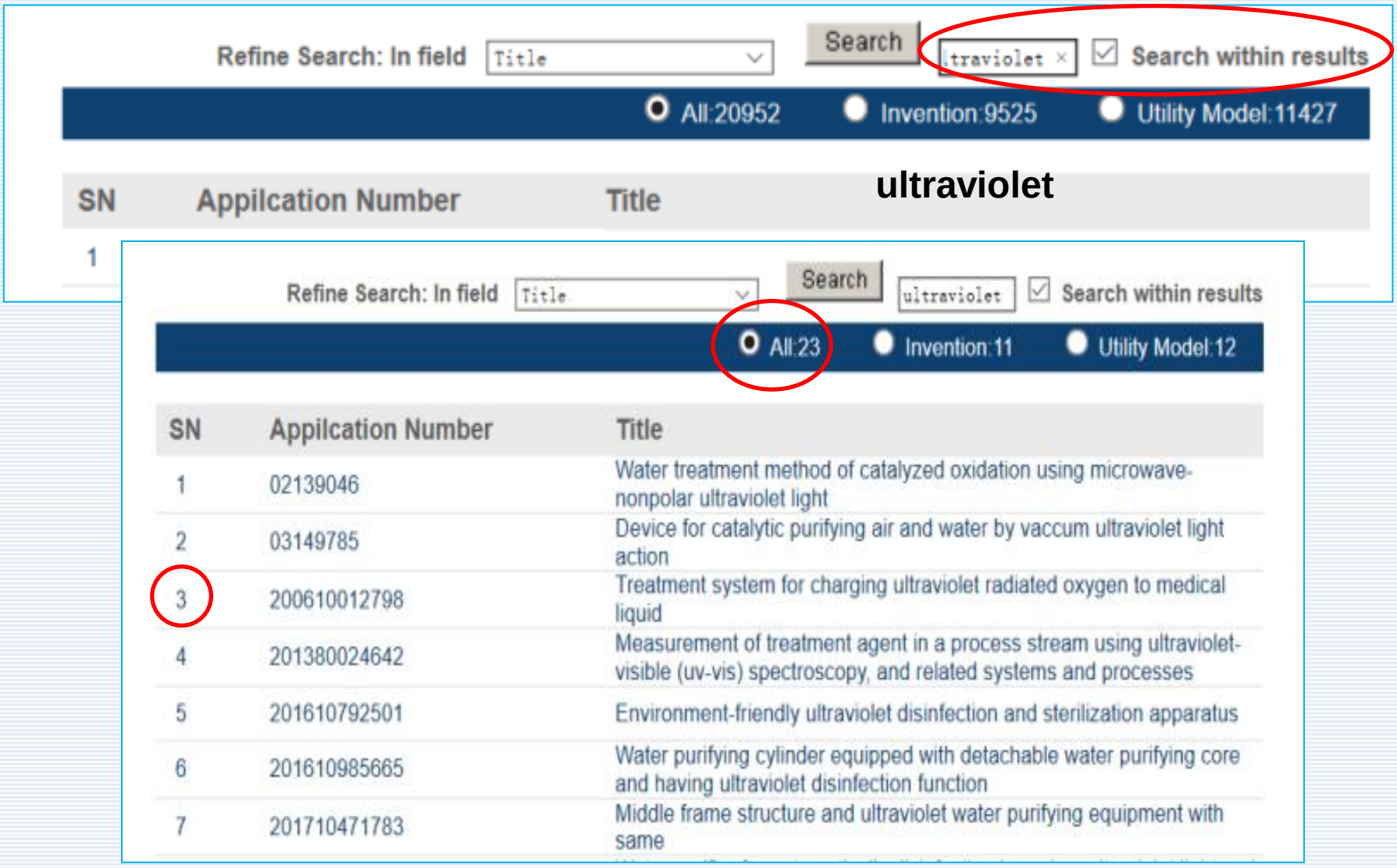
- Update měsíčně

Refine Search: In field Publication Number Search Search within results

All:20952 Invention:9525 Utility Model:11427

SN	Appilcation Number	Title
1	00102182	High-quality drinking water prodn. with controlled mineral content
2	00108726	Method for removing removed substance from fluid
3	00108988	Temp.-controlled degasification of deionized water in extremely ultrasonic cleaned semiconductor chip
4	00110062	Process for preparing mineralized water specially adapted for tea
5	00110202	Solidifed water and making method
6	00111331	Automatic washing machine water cleaning and circulation utilization equipoment
7	00113215	Nanometer ultra-high efficiency water-cleaning agent
8	00113937	Intelligent equipment for ensuring both pressure and quality of running water
9	00117009	Domestic running water processing system
10	00119351	Radioactive cement contaiing rare earth waste sludg and its usage in treating sewage
11	00120801	Desertification preventing gas tackling method, techn. and apparatus
12	00120891	Process for desalinating seawater
13	00121452	High-concentration industrial effluent treating method with coal slime
14	00122371	Process for treating city sewage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Search
traviolet
Search within results
All:20952
Invention:9525
Utility Model:11427
SN
Appilcation Number
Title
1
ultraviolet
Refine Search: In field Title
Search
ultraviolet
Search within results
All:23
Invention:11
Utility Model:12
SN
Appilcation Number
Title
1 02139046 Water treatment method of catalyzed oxidation using microwave-nonpolar ultraviolet light
2 03149785 Device for catalytic purifying air and water by vaccum ultraviolet light action
3 200610012798 Treatment system for charging ultraviolet radiated oxygen to medical liquid
4 201380024642 Measurement of treatment agent in a process stream using ultraviolet-visible (uv-vis) spectroscopy, and related systems and processes
5 201610792501 Environment-friendly ultraviolet disinfection and sterilization apparatus
6 201610985665 Water purifying cylinder equipped with detachable water purifying core and having ultraviolet disinfection function
7 201710471783 Middle frame structure and ultraviolet water purifying equipment with same

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SITE SEARCH

TITLE: Treatment system for charging ultraviolet radiated oxygen to medical liquid

Application Number	200610012798	**Application Date**	2006.06.09
Publication Number	1883724	**Publication Date**	2006.12.27
Priority Information			
International Classification	A61M1/14;A61M1/36;A61M5/00;C02F1/32;C02F1/00		
Applicant(s) Name	Liu Yuhou		
Address			
Inventor(s) Name	Liu Yuhou;Hou Cuiyun;Zhu Genlan;Li Dongyuan;Gao Liansheng;Chen Zhili		
Patent Agency Code	13115	**Patent Agent**	wang qi

Abstract

Provided is an ultraviolet medical solution-irradiation and oxygenation process system, which is implemented by dissolving the ultraviolet irradiated oxygen into the infusion liquid and characterized in that the system at least comprising A. a bushing type oxygen irradiation cabin with a built-in ultraviolet lamp B. a swing mechanism of oxygenated liquid/oxygen dissolved liquid holding container. Ozone production and liquid oxygenation and oxygen-dissolving process can be implemented quickly and safely when the medical oxygen bottle are connected with the oxygen irradiation cabin inlet, having no strict requirement on operation environment; the flexible oxygen charging/oxygen dissolving swing mechanism can increase contact surface between oxygen and solution to implement oxygen-charging/oxygen-dissolving evenly, quickly and automatically, the dosage is standardized, the process is programmed, the invention can not only applied in the pretreatment of transfusion but also in wound douche treatment for surgical department.

Nápověda

2.3 Application Number
This field supports post-wildcard search and logic search. " * " stands for logic "AND", " + " stands for logic "OR", " - " stands for logic "NOT".

Example: 00102942; 001029

2.4 Application Date
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Example: 200001; 2000 to 2005, 20020102 to 20041011

2.5 Title
This field supports fulltext search and logic search. " * " stands for logic "AND", " + " stands for logic "OR", " - " stands for logic "NOT". Bracket stands for a higher operation priority and has to appear in pairs within the expressions. A " \ " must be added before terms in order to transfer meaning manually if the search expressions contain system characters, such as " * ", " + ", " - ", " (", ") ", " % ", " ? ", " \ " and " ' ". The maximum length of search expression is no more than 200 letters (including the Boolean operators). If words are separated by blanks, it will be considered as a phrase in the title.

Example: (prevention+treatment)*nicotine

2.6 Abstract
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Example: (prevention+treatment)*nicotine

2.7 IPC
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Example: A61; A61K9; A61K9/00

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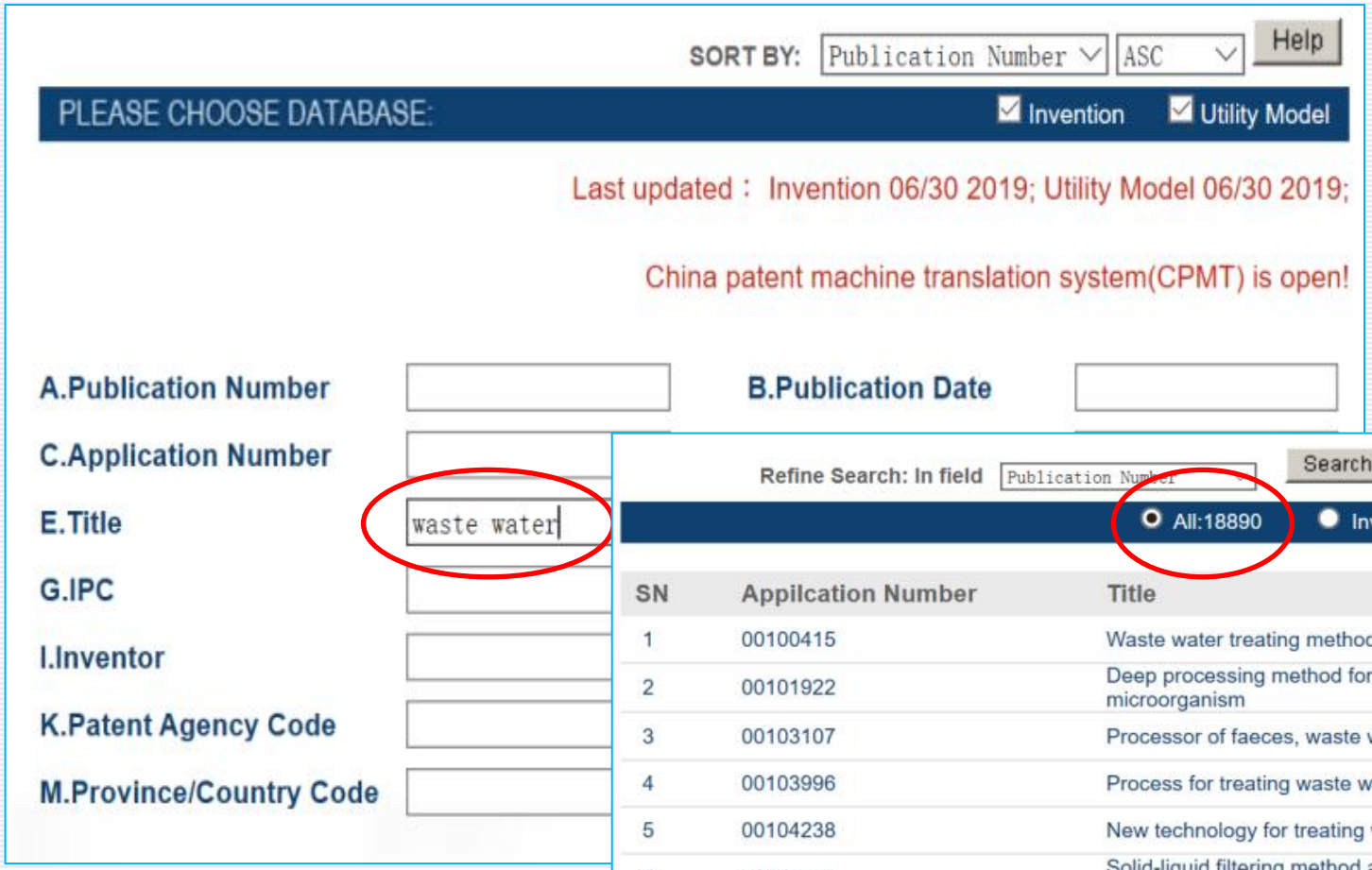


Úprava vody ultrafialovým zářením

A.Publication Number

C.Application Number

E.Title water)*ultraviolet

G.IPC C02F1/00

I.Inventor

K.Patent Agency Code

M.Province/Country Code

Refine Search: In field Publication Number Search Search within results

All:1 Invention:0 Utility Model:1

SN	Appilcation Number	Title
1	201720053013	Integrated magnetism does not have extreme ultraviolet lamp waste water treatment integrated device

TITLE: Integrated magnetism does not have extreme ultraviolet lamp waste water treatment integrated device

Application Number	201720053013	Application Date	2017.01.16
Publication Number	206437885U	Publication Date	2017.08.25
Priority Information			
International Classification	C02F1/00;C02F1/32;C02F1/66;C02F1/72		
Applicant(s) Name	SUZHOU ZHANQING ENVIRONMENT TECHNOLOGY CO., LTD.		
Address			
Inventor(s) Name	WANG LEI;LI XINGQIAO;ZHOU JIAN		
Patent Agency Code	61215	Patent Agent	Duan Juntao

Abstract

The utility model provides an integrated magnetism does not have extreme ultraviolet lamp waste water treatment integrated device, including the header tank, there is inlet outlet the header tank bottom, the water inlet of inlet outlet bottom the tube coupling reactor that has the circulating pump, the return water mouth at the delivery port at the reactor top water piping connection header tank top through having the flowmeter, the flow of flowmeter in to the pipeline is measured, measuring -signal spreads into electrical control box into, extract chemical liquor in the dosing pump follow dosing tank, throw with in the pipeline between the water inlet of delivery port to the header tank and circulating pump, header tank, reactor, pipeline, circulating pump, water pipe, dosing pump, dosing tank and electrical control box all set up on sled dress frame, and this device integrated level is high, and the dress device is prized in the core part use, and it is fast convenient to connect, and the deployment is simple easy, have reduced the degree of difficulty that the ultraviolet system arranged, the volume of reducing the construction, reduction deployment cost, use high -efficient magnetism not have the extreme ultraviolet lamp, improved waste water treatment's efficiency greatly, reduce ton water treatment cost simultaneously.

(waste water) * ultraviolet

A.Publication Number		B.Publication Date	
C.Application Number		D.Application Date	
E.Title	(waste water) * ult	F.Abstract	ater) * ultraviolet
G.IPC		H.Applicant	
I.Inventor		J.Patent Agent	
K.Patent Agency Code		L.Priority	
M.Province/Country Code			

OR

Použití OR mezi řádky

COMBINATION SEARCH: × + - ( )

E + F

Refine Search: In field Publication Number Search Search within results

All:1018 Invention:438 Utility Model:580

Clear

SN	Application Number	Title
1	200710073166	Photoelectromagnetism integrated waste water advanced oxidization method and device thereof
2	200610039197	Sewage treatment pot
3	200710068140	Photocatalysis sewage treatment equipment
4	200710041002	Method for preparing semiconductor nano-material and processing organic-inorganic wastewater synchronously
5	200610135378	Heteropoly acid catalyst with visible light photocatalysis active and preparation and application thereof
6	200810070594	Method for restricting membrane pollution by using photocatalysis oxidation of nano material
7	200810060659	Nano smoothing agent and preparation method thereof
8	200810054985	Degumming flame-proof process technique for Han fibrilia
9	200810067683	Reclaimed water bathing room

A.Publication Number		B.Publication Date	
C.Application Number		D.Application Date	
E.Title	(waste water) * ult	F.Abstract	ater) * ultraviolet
G.IPC	C02F1/32	H.Applicant	
I.Inventor		J.Patent Agent	
K.Patent Agency Code		L.Priority	
M.Province/Country Code			

(waste water) * ultraviolet , C02F1/32

COMBINATION SEARCH: × + - ( )

(E + F) * G

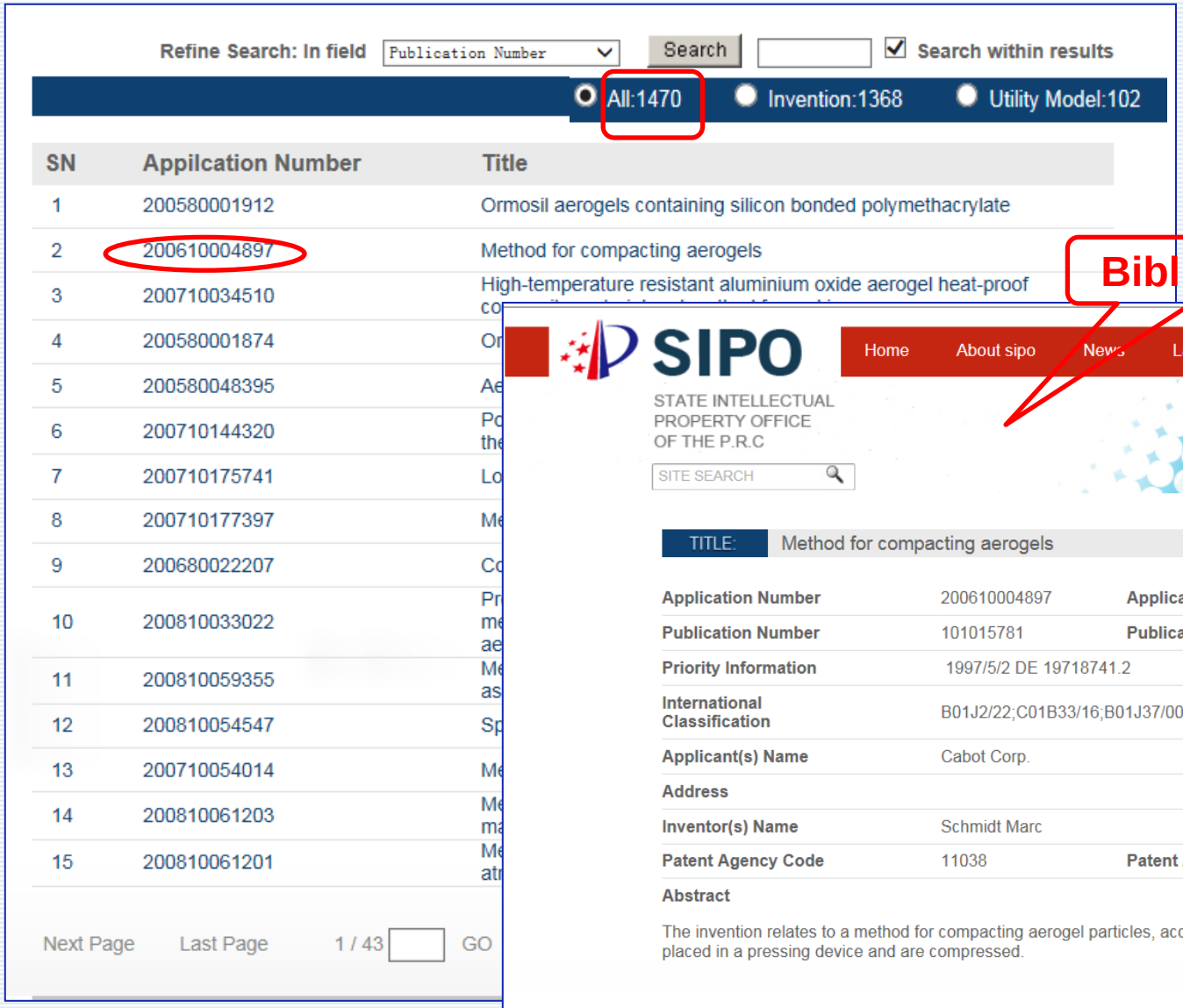
Search Clear

Refine Search: In field Publication Number Search Search within results

All:282 Invention:131 Utility Model:151

SN	Appilcation Number	Title
1	200710073166	Photoelectromagnetism integrated waste water advanced oxidization method and device thereof
2	200610039197	Sewage treatment pot
3	200710068140	Photocatalysis sewage treatment equipment
4	200710041002	Method for preparing semiconductor nano-material and processing organic-inorganic wastewater synchronously
5	200810070594	Method for restricting membrane pollution by using photocatalysis oxidation of nano material
6	200810071551	Innocent treatment method and apparatus for catalytic oxidation of waste water induced by continuous microwave-ultraviolet
7	200810162198	High efficiency detoxifcation method and device of organic wastewater
8	200910025538	Full-automatic reclaimed water recycling machine
9	200910025061	Catalyst for catalysis treatment of biomass with microwave and ultraviolet light as well as preparation method and application thereof

Příklad kompletního výsledku



Refine Search: In field Publication Number Search Search within results

All:1470 Invention:1368 Utility Model:102

SN	Appilcation Number	Title
1	200580001912	Ormosil aerogels containing silicon bonded polymethacrylate
2	200610004897	Method for compacting aerogels
3	200710034510	High-temperature resistant aluminium oxide aerogel heat-proof
4	200580001874	
5	200580048395	
6	200710144320	
7	200710175741	
8	200710177397	
9	200680022207	
10	200810033022	
11	200810059355	
12	200810054547	
13	200710054014	
14	200810061203	
15	200810061201	

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SITE SEARCH

TITLE: Method for compacting aerogels

Application Number	200610004897	Application Date	1998.04.29
Publication Number	101015781	Publication Date	2007.08.15
Priority Information	1997/5/2 DE 19718741.2		
International Classification	B01J2/22;C01B33/16;B01J37/00;B01J20/10		
Applicant(s) Name	Cabot Corp.		
Address			
Inventor(s) Name	Schmidt Marc		
Patent Agency Code	11038	Patent Agent	wuyi hua

Abstract

The invention relates to a method for compacting aerogel particles, according to which said aerogel particles are placed in a pressing device and are compressed.

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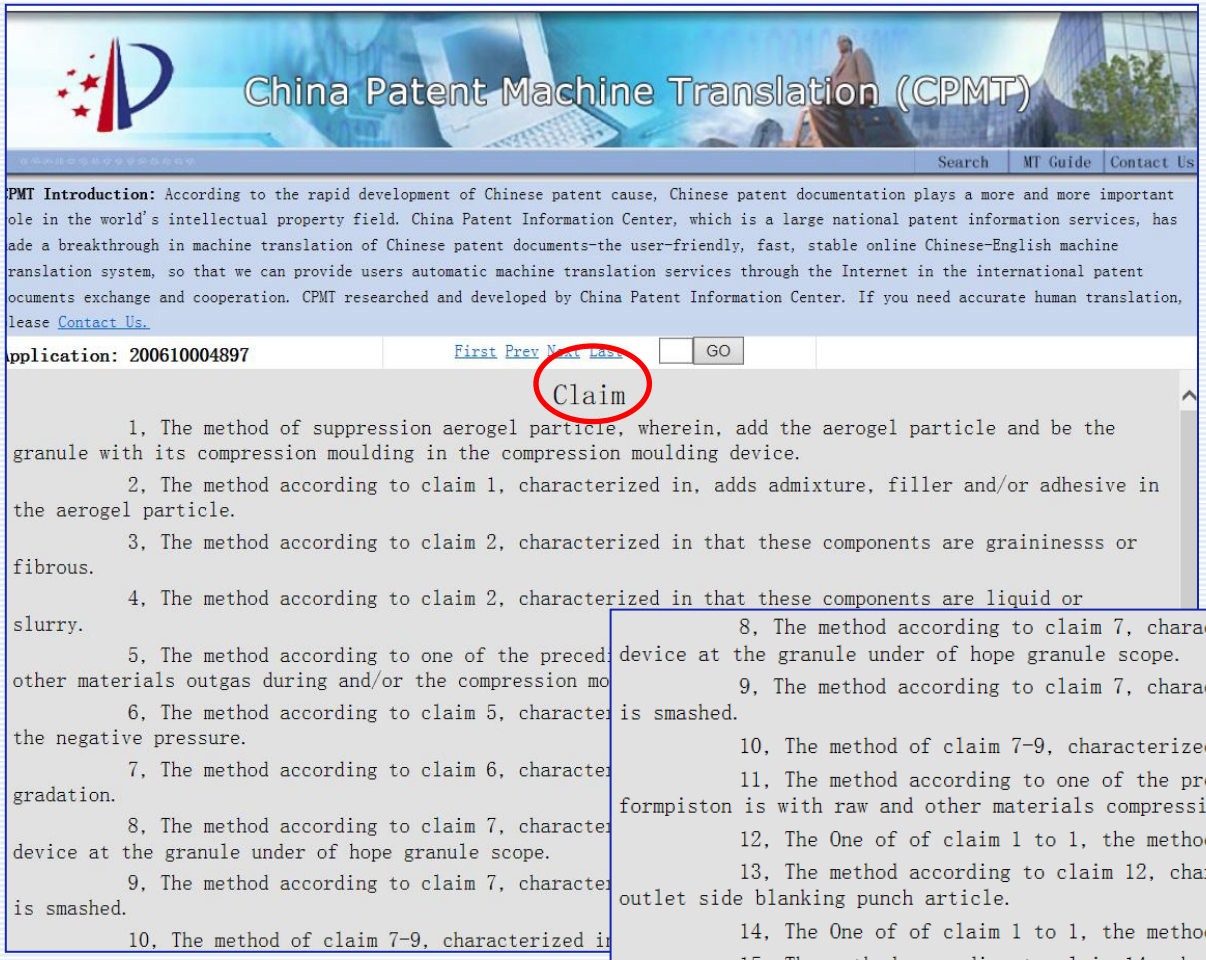
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pplication: 200610004897
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Claim
1, The method of suppression aerogel particle, wherein, add the aerogel particle and be the granule with its compression moulding in the compression moulding device.
2, The method according to claim 1, characterized in, adds admixture, filler and/or adhesive in the aerogel particle.
3, The method according to claim 2, characterized in that these components are grainiesss or fibrous.
4, The method according to claim 2, characterized in that these components are liquid or slurry.
5, The method according to one of the preced
other materials outgas during and/or the compression mo
6, The method according to claim 5, characte
the negative pressure.
7, The method according to claim 6, characte
gradation.
8, The method according to claim 7, characte
device at the granule under of hope granule scope.
9, The method according to claim 7, characte
is smashed.
10, The method of claim 7-9, characterized i
8, The method according to claim 7, characterized in, will return the compression moulding device at the granule under of hope granule scope.
9, The method according to claim 7, characterized in that the granule on of hope granule scope is smashed.
10, The method of claim 7-9, characterized in dry the granule before further processing.
11, The method according to one of the preceding claims 权利要求, characterized in that the formpiston is with raw and other materials compression moulding in the bed die.
12, The One of of claim 1 to 1, the method
13, The method according to claim 12, characterized in, the bed die be bore porose, and at outlet side blanking punch article.
14, The One of of claim 1 to 1, the method
15, The method according to claim 14, characterized in that at least one roller bores porose hollow roller, and at outlet side blanking punch article.
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Application: 200610004897 First Prev Next Last GO

The method of suppression aerogel

The present invention relates to a method of suppressing the aerogel .

Aerogel, especially porosity are higher than the aerogel that 0 % of four to six-tenehs and density are less than 0.6 gram / cubic centimetre, have the capacity of heat transmission low very much, and consequently can regard as the heat-insulating material to use, and the catalyst can also be regarded as or as the catalyst carrier and as the adsorbing matter use to the same as description in EP-A-0171722. In addition because they have a very low refracting index to the solid matter, known they can be used for the Cerenkov detector. Because their specific acoustic impedances, for example described in the open document as the Thyristor Controlled Series Compensation (TCSC) device in the supersound field in addition,.

They also can be in pharmacology and agricultural as the carrier of active material.

In a broad sense, in the meaning of " regarding as the gel of decentralized medium with the air " promptly, the aerogel is through the gel preparation that the drying is suitable. In this meaning, term " aerogel " is including the aerogel of narrow sense, xerogel and epoxy resin (K ryogel). Here, the liquid in the gel is when exceeding under the temperature of critical temperature and beginning basically by the desorption from the pressure that exceedes the critical pressure, and then arid gel is called the aerogel in the narrow sense. On the contrary if the liquid of gel under the undercritical conditions, for example accompanys the formation liquid-vapour interface to look at and appraise and detached, the gel that generates so is called as the xerogel usually.

The term aerogel that uses in the invention is sensu lato aerogel, " regards as the gel of

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2016	1	2	3	4	5	6	
2015	1	2	3	4	5	6	
2014	1	2	3	4	5	6	
2013	1	2	3	4	5	6	

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Table 2 Statistics on Applications for Three Kinds of Patents from Home Classified According to Applicants 2019-
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Table 4 Statistics on Grants for Three Kinds of Patents from Home Classified According to Applicants 2019-

Table 1 Statistics on Applications for Inventions from Home and Abroad

January 2019 – August 2019							
		Invention		Utility Model		Design	
		Valid Number	Percentage %	Valid Number	Percentage %	Valid Number	Percentage %
Total	Sub-total	879305	100.0%	1400870	100.0%	466208	100.0%
	Service	809865	92.1%	1173408	83.8%	268185	57.5%
	Non-service	69440	7.9%	227462	16.2%	198023	42.5%
Domestic	Sub-total	775505	100/88.2	1395132	100/99.6	453357	100/97.2
	Service	708013	91.3%	1168059	83.7%	256089	56.5%
	Non-service	67492	8.7%	227073	16.3%	197268	43.5%
Foreign	Sub-total	103800	100/11.8	5738	100/0.4	12851	100/2.8
	Service	101852	98.1%	5349	93.2%	12096	94.1%
	Non-service	1948	1.9%	389	6.8%	755	5.9%

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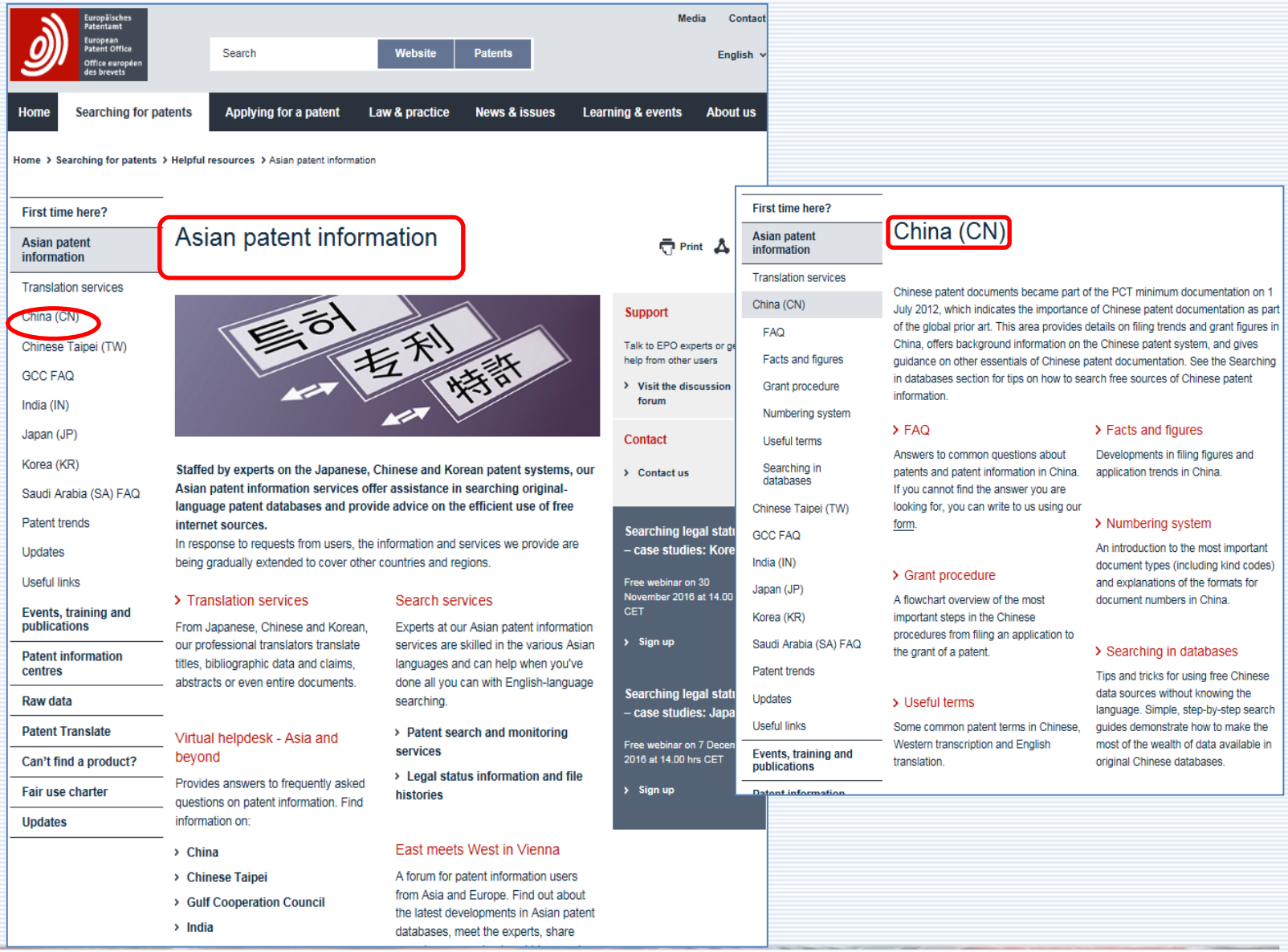
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Translation of all claims (1 to 4 pages of translated text)	EUR 155 flat fee
Translation of all claims or full texts (more than 4 pages of translated text)	EUR 86 per translated page

Getting started | **Conditions and prices** | **Translation time**

Service	Time
Translation of all claims	1 to 2 weeks
Translation of the full text	2 to 3 weeks

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Getting started | **Conditions** | **Further information** | **Related services**

Patent search and monitoring services

China	Price
Initial creation of watch profile (flat fee)	EUR 117
Results list (document numbers, English titles)	EUR 54
Bibliographic data (per document)	EUR 8
Title, abstract (per document)	EUR 8
Title, abstract, main claim (per document, fewer than 1 000 Chinese characters)	EUR 24
Title, abstract, main claim (per document, more than 1 000 Chinese characters)	EUR 32
Korea	**Price**
Results list with publication number, English titles (first search)	EUR 132
Results list with publication number, English titles (each additional search)	EUR 30
Results list with publication numbers, English titles, Korean full texts (first search)	EUR 186
Results list with publication numbers, English titles, Korean full texts (each additional search)	EUR 40

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Searching in databases - China

Print Share

Tips & tricks for searching in databases

Easy, step-by-step instructions on how to use Chinese search interfaces without knowledge of Chinese. Click on the links below to download the respective search guides.

Number search and document retrieval

SIPO - **Retrieving Chinese documents** (PDF, 817 KB)

PSS - **Retrieving Chinese documents (English interface)** (PDF, 1.3 MB)

CPIC - **Retrieving Chinese documents** (PDF, 2 MB)

SIPO - **Monitoring Chinese publications by IPC classes** (PDF, 1 MB)

NEW: PSS – **Introduction to features of Chinese interface (PDF, 1.4 MB)**

English machine translation

PSS - **Retrieving a machine translation (English interface)** (PDF, 1.4 MB)

NEW: CPIC – **Retrieving Chinese full text data** (PDF, 1.8 MB)

Legal status information

SIPO - **Legal status search in Chinese** (PDF, 868 KB)

SIPO - **Retrieving information on fee payment in English** (PDF, 1.7 MB)

SIPO - **Online file inspection in English** (PDF, 2.6 MB)

SIPO - **Searching re-examination and invalidation decisions** (PDF, 202 KB)

PSS - **Retrieving citation information (English interface)** (PDF, 1.5 MB)

NEW: CNIPR – **Retrieving dual filing information** (PDF, 708 KB)

Searching trade marks and designs

CTMO - **Searching Chinese trade marks** (PDF, 1.1 MB)

SIPO - **Searching Chinese designs using classification** (PDF, 874 KB)

Support

Talk to EPO experts or get help from other users

SIPO WEBSITE- LEGAL STATUS SEARCH IN CHINESE

Retrieving legal status information from SIPO's Chinese gazette

http://www.sipo.gov.cn/

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FAQ - China

If you cannot find your question here, please send it to us using the contact form.

For more specific legal questions relating to the Chinese patent system, please contact International_legal_affairs@epo.org.

Questions

General information about patents in China

- What types of industrial property rights exist in China?
- How long are the terms of protection of Chinese invention patents and utility model
- What inventions cannot be patented in China?
- Can computer software be patented in China?
- What is the difference between "service" and "non-service" inventions in China?
- Is China a member of the Patent Cooperation Treaty (PCT)?

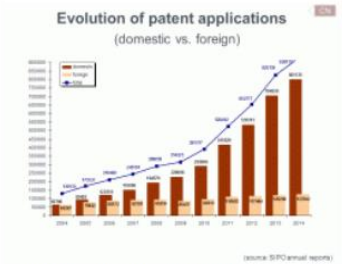
From filing to grant

- As a foreign applicant, do I need to appoint a professional representative in China?
- What language must I use for a patent application in China?
- Can I claim priority for an application filed in China?
- What do I need to do to get an early filing date in China?
- Does China allow divisional applications?
- Are Chinese invention patents and utility model patents subject to substantive exam
- How soon after filing an application in China do I need to file a request for examinat
- Can I request that my application be published earlier than 18 months from the filing
- Can I withdraw my application before it is published in China?
- Can I submit third-party observations on a Chinese patent application?
- Can I submit a request for a time limit extension with the Chinese Patent Office?
- What is the time limit for responding to official actions in China?
- Can I apply for an invention patent and a utility model at the same time in China?
- Can Chinese utility model patents be converted into invention patents?

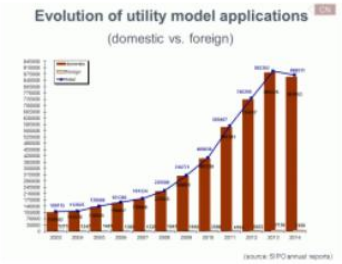
Facts and figures - China

Click on the text links to enlarge the graphs:

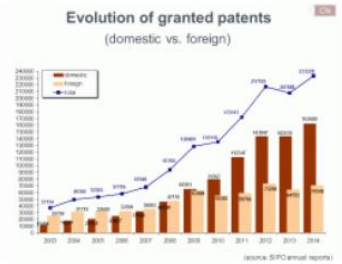
Evolution of patent applications in China (GIF, 30 KB)



Evolution of utility model applications in China (GIF, 27 KB)



Evolution of granted patents in China (GIF, 28 KB)



Evolution of utility model registrations in China (GIF, 25 KB)

Numbering system - China

1. DOCUMENT TYPES AND KIND CODES

INVENTION PATENTS:

Laid-open publications

GONGKAI (1985 to April 2010) - enlarge

公开

- unexamined patent publication **(A)**

SHENQING GONGBU (from April 2010) - enlarge

申请公布

- publication of application **(A)**
- re-issue of front page of A document **(A8)**
- re-issue of complete A document **(A9)**

Examined/granted documents

SHENDING GONGGAO (1985 to 1993) - enlarge

审定公告

- examined patent publication **(B)**

SHOUQUAN GONGGAO (1983 to April 2010) - enlarge

授权公告

- granted patent publication **(C)**

SHOUQUAN GONGGAO (from April 2010) - enlarge

授权公告

- granted patent publication **(B)**
- re-issue of front page of B document **(B8)**
- re-issue of complete B document **(B9)**
- amended B document after partial invalidation **(C1-C7)**

Useful terms - China

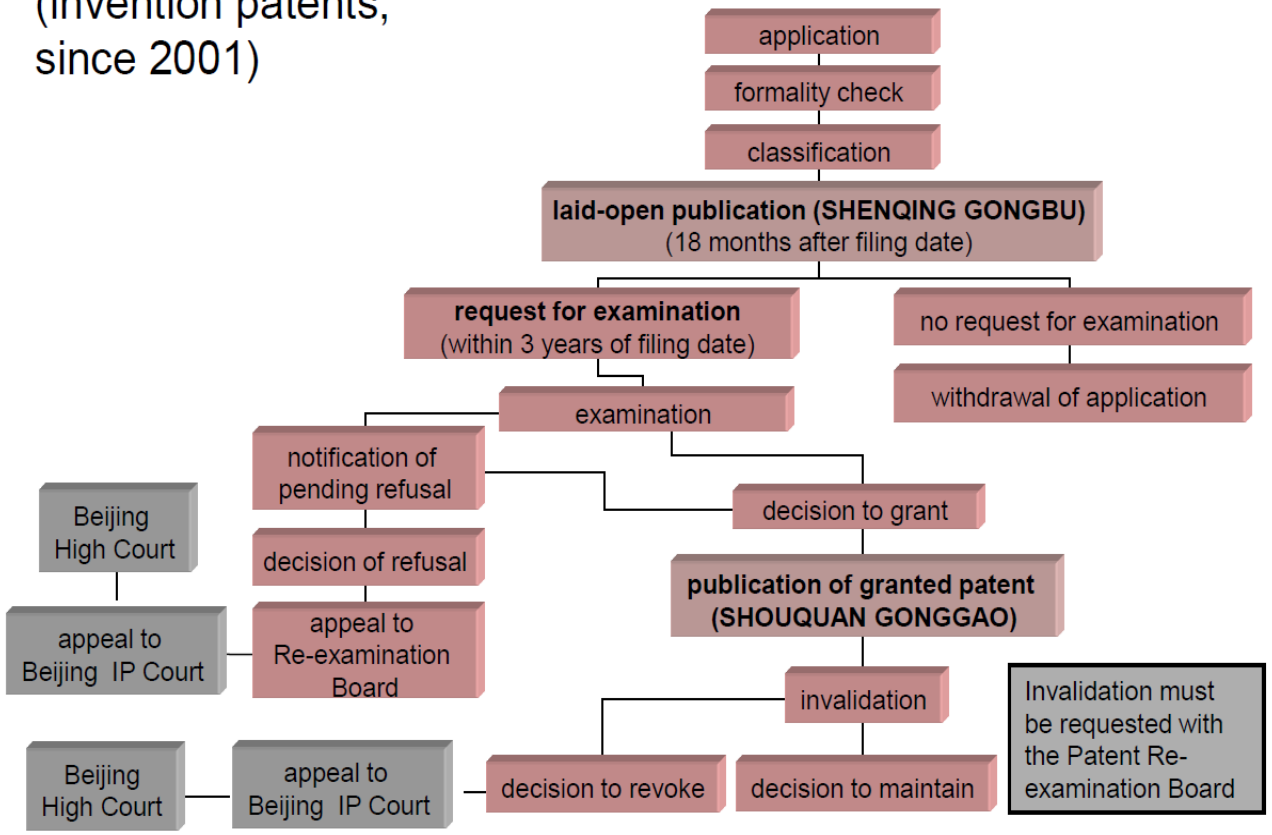
The list below gives you the English transliteration and translation of some Chinese terms typically encountered in a patent information context.

If you would like to see a bigger version of the Chinese characters, please click on "enlarge".

Chinese		Pronunciation	English
摘要	enlarge	zhāiyào	abstract
申请人	enlarge	shēnqǐngrén	applicant
申请号	enlarge	shēnqǐnghào	application number
附图说明	enlarge	fùtú shuō	
权利要求书	enlarge	quánlì yāo	
申请日	enlarge	shēnqǐngr	
日	enlarge	rì	
说明书	enlarge	shuōmíng	
外观设计	enlarge	wàiguānsh	
附图	enlarge	fùtú	
实施例	enlarge	shíshīlì	
审定公告	enlarge	shěndìngg	
审查员	enlarge	shěnchá	
授权公告	enlarge	shòuquán	

Patent granting procedure in China

(invention patents, since 2001)



Děkuji Vám za pozornost.

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