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2017



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TIPO-JPO PPH MOTTAINAI pilot program extended for three years from May 1, 2017

The economic and trade relations between Taiwan and Japan have always been close. Japan outnumbers other countries in invention patent applications fi...

[IPR Trends Q1 2017: Patent and Trademark Statistics](#)

[Average first-OA pendency for invention patent applications in Taiwan has dropped to 20 months](#)

TIPO has carried out a backlog reduction project since 2010. By the end of 2016, the number of disposals has reached 384,789, exceeding the original t...

[TIPO receives Laure Reinhart, Director of Innovation Partnerships of Bpifrance](#)

[An amendment to the Schedule of Article 19 \(Corresponding to Nice Classification 11th edition, version 2017 \) of the Enforcement Rules of the Trademark Act](#)

Schedule of Article 19 (Corresponding to Nice Classification 11th edition, version 2017) of the Enforcement Rules of the Trademark Act is amended and p...

[Starting from March 1, 2017, people no longer need to apply for a copyright inspection certificate when they export audiovisual works, such as audio CDs](#)

[April 26th - World Intellectual Property Day](#)



TIPO is celebrating World IP Day together with international IP community to increase IP awareness and encourage innovation and R&D. A series of activ...

[An amendment concerning the grace period under the Patent Act is promulgated on January 18, 2017, by a presidential decree](#)

An amendment to the Patent Act had passed three readings in the Legislative Yuan on December 30, 2016. This



Některá fakta o patentech na Taiwanu

- Taiwan v současnosti není signatářem žádné mezinárodní smlouvy, týkající se práv duševního vlastnictví
- Od 1994: dohody o vzájemném uznávání patentové priority s některými zeměmi (např. DE, JP, US, FR, GB...)
- Člen WTO od 2002: související smlouvy platí pro všechny členské země (např. TRIPS)

Patent Prosecution Highway (PPH)

Total 5 list items , in 1/1 pages. , Displaying 10 items/page.

1. Patent Prosecution Highway (PPH) Program

2. PPH between TIPO and the JPO

3. PPH between TIPO and the USPTO

4. PPH between TIPO and the KIPO

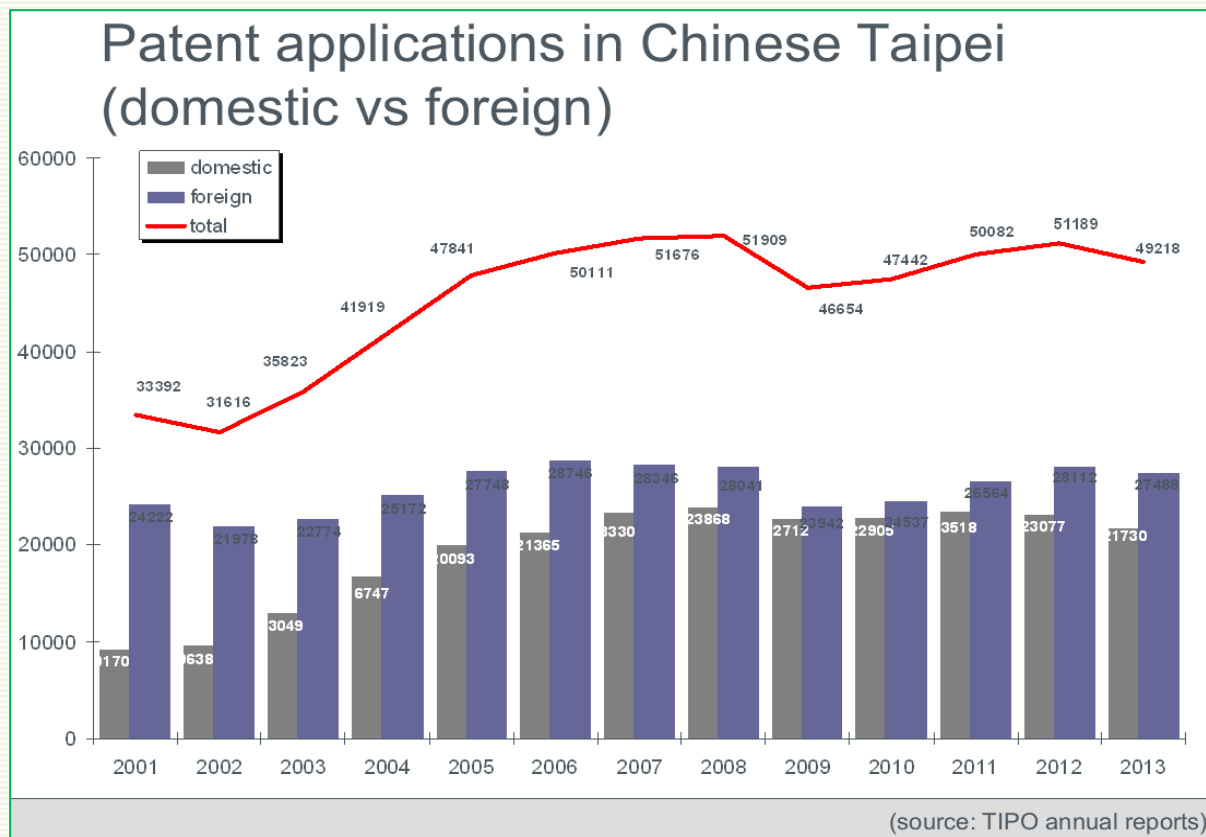
5. PPH between TIPO and the SPTO

Total 5 list items , in 1/1 pages. , Displaying 10 items/page.





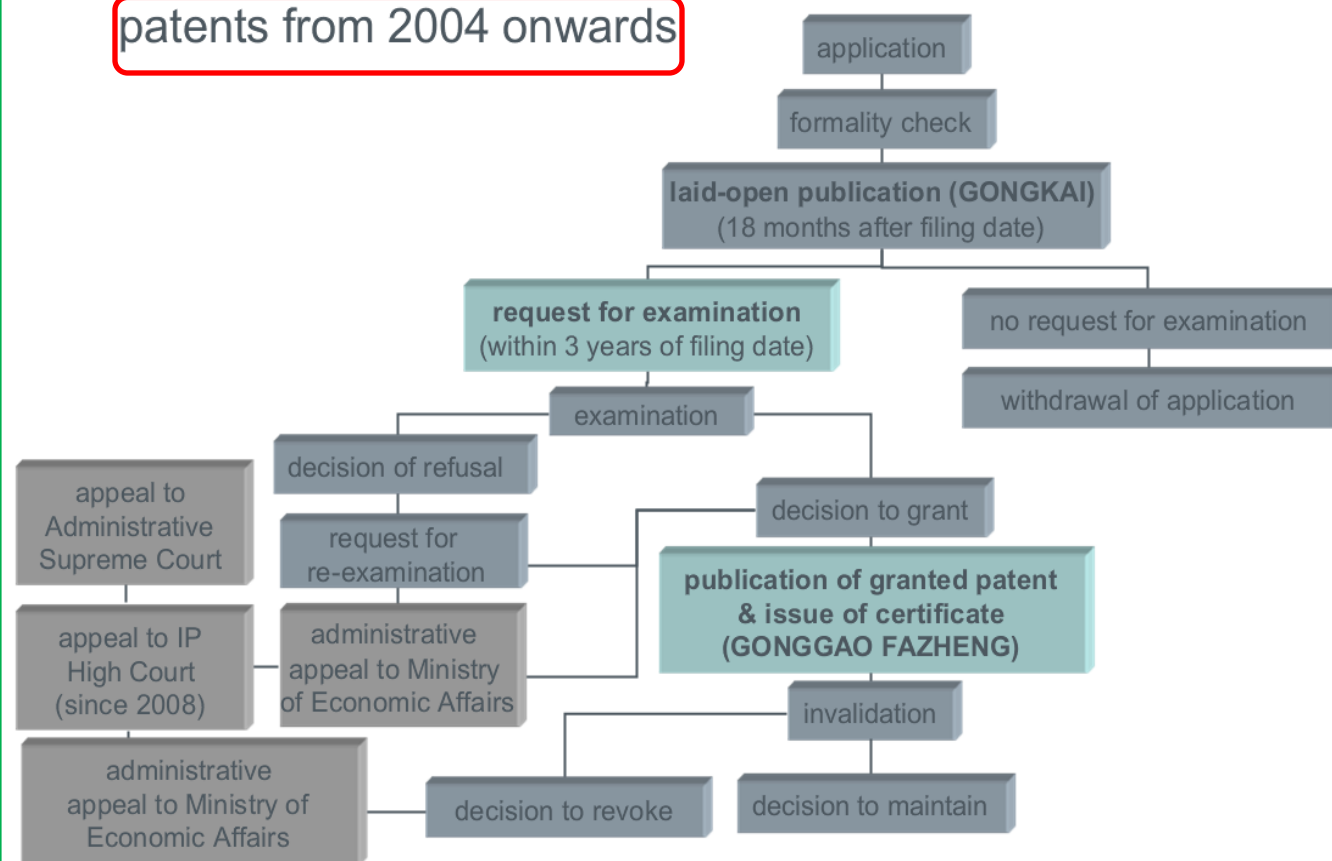
Patentové přihlášky Taiwanu (domácí vs zahraniční)





Řízení o přihlášce patentu

Granting procedure patents from 2004 onwards





Vývoj patentového zákona na Taiwanu

- 1915 „Metrický zákon“ vyhlášený vládou v Číně
- 1927 vznikla „Národní registrační kancelář“
- 1944 přijatý „Patent and Copyright Act“
- 1.1.1949 vstoupil v platnost Patentový zákon
- 1950 „Národní úřad pro standardy“ (NBS) oprávněný zpracovávat patenty

Důvody pro první změny:

- tlak US vlády
- potřeba připojit se k WTO
- tlak domácího průmyslu
- potřeba mezinárodní pověsti



Vývoj patentového zákona na Taiwanu

- 1986 ochrana pro chemikálie a léčiva
- 1994 revize:
 - zavedený systém priority
 - ochrana patentem prodloužena na 20 let od podání přihlášky (předtím ochrana 17 let od udělení patentu)
 - prodloužená ochrana pro léčiva o 2-5 let
- 1999 reorganizace NBS na „Intellectual Property Office“ (TIPO)
- 1997 národní zacházení pro občany všech zemí
- 2001 revize:
 - Zavedené dřívější zveřejnění od poloviny 2002
 - Požadavek na věčný průzkum
 - Zavedená domácí priorita
 - Zrušení dodatečných patentů (vynález s hlavním technickým rysem podaný na základě původního vynálezu stejným vynálezcem)



Vývoj patentového zákona na Taiwanu

- 2004 revize: zrušené námitky
- 2006/7 revize: zvířecí a rostlinné vynálezy, povinné licencování
- **Změny patentového zákona od 1.1.2013**
 - Jazyky pro podání přihlášky: EN, JP, KR, FR, DE, RU SP, PO, Arabic
 - Přihlášky patentů a užitných vzorů vyplněné v cizím jazyce by měli obsahovat specifikaci, minimálně 1 nárok, výkresy a název
 - Překlad do čínštiny musí být dodán do 6 měsíců
 - Jeden přihlašovatel může podat v jeden den přihlášku vynálezu i užitého vzoru
 - Užitný vzor musí být zrušen na základě oznámení o udělení patentu, právo z užitého vzoru pak zaniká dnem zveřejnění patentu



Patentový zákon v angličtině

The screenshot displays the official website of the Intellectual Property Office (Úřad průmyslového vlastnictví) in the English language. The header includes navigation links (Sitemap, Forum, FAQs, Feedback, Epaper, Glossary, 中文, English), a font size selector (Small), and social media icons (Facebook, YouTube, RSS). The main content area is titled 'Laws & Regulations' and shows a list of 15 items. The first item, '1 Patent Act 2014', is highlighted with a red box. A red rectangle also highlights the title 'Patent Act (as amended in 2014)' in the right-hand column. The list of amendments on the right includes:

- 1. Promulgated on May 26, 1944; effective on January 1, 1949
- 2. Amended on January 22, 1959
- 3. Amended on May 12, 1960
- 4. Amended on April 16, 1979
- 5. Amended on December 24, 1996
- 6. Amended on January 21, 1994
- 7. Amended on May 7, 1997; effective on January 1, 2002
- 8. Amended on October 24, 2001
- 9. Amended on February 6, 2003; effective on July 1, 2004 except that Article 11 becomes effective on the date of promulgation, and that the deletion of Article 83, Article 125, Article 126 and Article 128 to Article 131 become effective on March 31, 2003.
- 10. Amended on August 25, 2010; effective on September 12, 2010
- 11. Amended on December 21, 2011; entered into force on January 1, 2013
- 12. Amended on June 11, 2013; entered into force on June 13, 2013
- 13. Amended on January 22, 2014; entered into force on March 24, 2014



Typy dokumentů a kind kódy

Document types & kind codes

GONGKAI (A) 公開

- unexamined patent publication (>2002)

GONGGAO HEZHUN 公告核准

- examined patent publication (<2004 → for opposition)
- examined utility model publication (<2004)

GONGGAO FAZHENG (B/U) 公告發證

- granted patent publication (>2004 → no opposition)
- registered utility model publication (>2004)

NOTE: kind codes used since 2005 (gazette),
on documents since 1 October 2009



Numerický systém

The numbering system (Republican "Minguo" years)

- "Republican (Minguo) years" started in Mainland China when "Republic of China" was founded (1912)
- used in Chinese Taipei until today
- **patent context:** Minguo years used in application numbers/dates, databases and on documents
- easily confused with two-digit Western years!

Conversion rule for Minguo years:
Minguo year + 1911 = Western year
(Example: Minguo 97 = 2008)





1303554

發明專利說明書

(本說明書格式、順序及註釋字，請勿任意更改，※記號部分請勿填寫)

※申請案號：95127014

※申請日期：95.7.24

※IPC 分類：A61G25/02

一、發明名稱：改良型澆水器結構
watering device structure

二、申請人：(共 1 人)

姓名或名稱：吳 宥 銳/WU You Rui

代表人：(中文/英文)

住居所或營業所地址：新竹市牛埔路 437 號 3F
437, Nioupu Rd., Hsinchu City

姓名：吳 宥 銳/WU You Rui

公告本

• no kind code
• no INID codes
• handwritten text

example of patent publication (old format); may still appear today (when the application was filed on paper, not electronically)

Nejčastější problémy

- Data uvedená v Republican years
- Na dokumentu nejsou uvedena všechna čísla
- Číslo/datum přihlášky napsané ručně
- Obtížná křížová kontrola

Hledání TW 260643 může dát 3 výsledky

- TW 260643: udělený patent (po 2004), datum přihlášky 30.12.2005
- TW 260643: prozkoumaný patentový spis (před 2004), datum přihlášky 15.5.1995
- TW M260643: registrovaný užitný vzor, datum přihlášky 25.3.2003



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Patent Prosecution Highway (PPH)
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2014 EU-Taiwan Seminar on Patent System
"2014 EU-Taiwan Seminar on Patent System" was held by Taiwan Intellectual Property Office (TIPO), European Economic and Trade Office (EETO) and Europ...

Taiwan and Japan to Implement a Cooperative Program on Mutual Recognition of Dependent Biological Materials for the Purpose of Patent Procedures
Following the partnership in the PDX program and PDX program in 2013, the Intellectual Property Office (TIPO) and the Japan Patent Office (JPO) have achieved...

The 5th Taiwan-UK Videoconference on Intellectual Property Right
On July 25, 2014, TIPO and the UKIPO held the 5th videoconference on IPR to give updates and share feedback on trade

2014 EU-Taiwan Seminar on Patent System
"2014 EU-Taiwan Seminar on Patent System" was held by Taiwan Intellectual Property Office (TIPO), European Economic and Trade Office (EETO) and Europ...

Q2 2014: Patent and Trademark Statistics
Statistics released by TIPO show an overall decrease in overall patenting activities, mainly by decrease in both domestic and foreign invention...

The first 2014 Taiwan-EU Economic and Trade Consultation IPR Working Group Videoconference
During the first 2014 Taiwan-EU Economic and Trade Consultation IPR Working Group Videoconference held on the afternoon of Apr. 22, both sides gave up...

IPR Trends Q1 2014: Patent and Trademark Statistics
According to TIPO's Q1 2014 statistics, overall patenting activities fell by 2.76% due to decreased filings in utility model and design. Inventions filed...

2014 U.S.-Taiwan Symposium on Patent System

Vyhledávání patentů



Možnosti vyhledávání patentů

Home	Classification	Patent Search
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		Advanced Search
		Field Search

■ Classification Search

Classification :

IPC(2014.01)

LOC

- ☐ A. SECTION A-HUMAN NECESSITIES/AGRICULTURE
- ☐ B. SECTION B-PERFORMING OPERATIONS;TRANSPORTING/SEPARATING;MIXING
- ☐ C. SECTION C-CHEMISTRY;METALLURGY
- ☐ D. SECTION D-TEXTILES;PAPER
- ☐ E. SECTION E-FIXED CONSTRUCTIONS/BUILDING
- ☐ F. SECTION F-MECHANICAL ENGINEERING;LIGHTING;HEATING;WEAPONS;BLASTING/ENGINES OR PUMPS
- ☐ G. SECTION G-PHYSICS
- ☐ H. SECTION H-ELECTRICITY

■ Patent Coverage

Patent Bibliographic Data

	Coverage	Subtotal
Published Applications	2003/05/01 ~2017/02/16	615904
Utility Models	1997/01/01 ~2017/02/21	424188
Granted Inventions	1993/01/01 ~2017/02/21	413715
Total		1453807

Updated monthly

Note: For granted inventions (TW-B), English abstracts are available for the period of 1993-2007. From 1993 to 1997, only those of domestic applications and foreign applications without priority claim are provided with English abstracts. For TW-B of 2008 onwards, please refer to corresponding TW-A (laid-open patent applications).

Patent Specification images

	Coverage	Subtotal
Published Applications	2003/05/01 ~2017/05/1	624315
Applications, Utility, Designs	1990/01/01 ~2017/05/1	1343441
Total		1967756



Rychlé vyhledávání

Patent Type : ☒ Granted Inventions ☒ Utility Models ☒ Designs ☒ Published Applications Applicant : ☐ Individual ☐ Company

Patent/Publication_Number

ex Publication Number : I226216,M244617,200333,200402261
Application Number : 090107731
Certification Number : 124882

Enter Keyword :

(ex.car and wheel,tool)

Issued/Publication Date =

Field display for lists : ☒ Patent/Publication No. ☒ Issued/Publication Date ☒ Application Number
☐ Application Date ☒ Title ☐ IPC

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Field display : Plural : Records per page : Tables per page :



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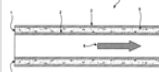
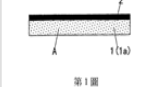
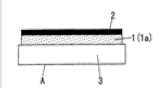
▶ Granted Inventions(7)

▶ Utility Models(0)

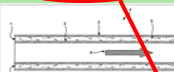
Search Results: Total:32 recs, page: 1/4, records 1 - 10 go to page

Search terms : (32) (aerogel) AND (IX=BGI OR IX=BGM OR IX=BGD OR IX=AA)

☒ Patent/Publication No. ☒ Publication Date ☒ Application Number ☐ Application Date ☒ Title ☐ IPC ☐ LOC ☒ Drawing ☒ Full Image

No.	Patent/Publication Number	Issued/Publication Date	Application Number	Title	Drawing	Full Image
☐ 1	140138 [200804715]	2013/07/11	096109176	Cryogenic aerogel insulation system		   
☐ 2	1374266 [200844440]	2012/10/11	096117275	Bibliografická data		   
☐ 3	1286388	2007/09/01	089123872	Substrate for light emitting device, light emitting device and production process of light emitting device	  	 



No.	Patent/Publication Number	Issued/Publication Date	Application Number	Title	Drawing	Full Image
☐	I401384 [2008047151]	2013/07/11	096109176	Cryogenic aerogel insulation system		 Patent Specifications  Published Application Specifications

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[Description\(6\)\(Revision/Correction20121228\)](#)
[Claim\(15\)\(Revision/Correction20100302\)](#)
[Drawings\(17\)](#)

Total 17 page
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Originální dokument

公告本

852018

發明專利說明書

(本申請書格式、順序及粗體字，請勿任意更動，※記號部分請勿填寫)

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[Priority Claim\(3\)](#)
[Abstract\(4\)](#)
[Figure-drawings\(5\)](#)
[Description\(6\)\(Revision/Correction20121228\)](#)
[Claim\(15\)\(Revision/Correction20100302\)](#)
[Drawings\(17\)](#)

Total 17 page
to 1 page

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申請案號：96109176

申請日期：96年03月16日

※IPC分類：

一、發明名稱：

(中) 低溫氣凝膠隔熱系統

(英) Cryogenic aerogel insulation system

二、申請人：(共 1 人)

姓 名：(中) 普雷瑟科技股份有限公司
(英) PRAXAIR TECHNOLOGY, INC.

代表人：(中) 瓊安 耶兒莎
(英) J. JELSA, JOANN M.

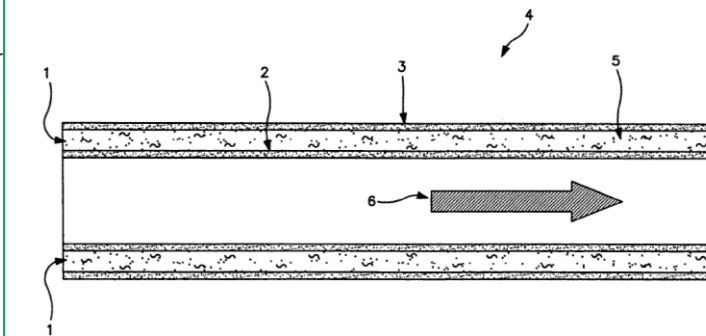
地 址：(中) 美國康乃狄克州丹柏立舊里治堡路三十九號
(英) 39 Old Ridgebury Road, Danbury, CT 06810- 5113, U.S.A.

國籍：(中英) 美國 U.S.A.

三、發明人：(共 5 人)

F1
B2

圖 1





No.	Patent/Publication Number	Issued/Publication Date	Application Number	Title	Drawing	Full Image
☐	1401384 [200804715]	2013/07/11	096109176	Cryogenic aerogel insulation system		Patent Gazette Published Applications Gazette Patent Specifications Published Application Specifications

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Patent/Publication Number	1401384 [Publication 200804715]								
Title	Cryogenic aerogel insulation system								
Issued/Publication Date	2013/07/11								
Application Date	2007/03/16								
Application Number	096109176 Espacenet								
Certification Number	1401384								
IPC	F17C-013/00(2006.01);B01D-008/00(2006.01)								
Inventor	JIBB, RICHARD JOHN GB; ROYAL, JOHN H. US; WHITE, NORMAN HENRY US; SCHWEICHLER, STEVE ALLAN US; HOBBS, WEVONE US								
Applicant	PRAXAIR TECHNOLOGY, INC. US								
Priority Number	20060323 US 11386,677								
Individual	F								
Patent Right Change	<table><tr><td>Application Number</td><td>096109176</td></tr><tr><td>Date of Update</td><td>20140627</td></tr><tr><td>Granting of a license</td><td>NO</td></tr><tr><td>Registration of patent mortgage</td><td>NO</td></tr></table>	Application Number	096109176	Date of Update	20140627	Granting of a license	NO	Registration of patent mortgage	NO
Application Number	096109176								
Date of Update	20140627								
Granting of a license	NO								
Registration of patent mortgage	NO								

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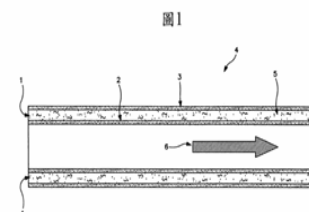
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Patent Right Change	<table><tr><td>Application Number</td><td>096109176</td></tr><tr><td>Date of Update</td><td>20140627</td></tr><tr><td>Granting of a license</td><td>NO</td></tr><tr><td>Registration of patent mortgage</td><td>NO</td></tr><tr><td>Transfer of patent right</td><td>NO</td></tr><tr><td>Succession of patent right</td><td>NO</td></tr><tr><td>Registration of patent trust</td><td>NO</td></tr><tr><td>Opposition filed</td><td>NO</td></tr><tr><td>Request for Invalidation filed</td><td>NO</td></tr><tr><td>Date of lapse</td><td></td></tr><tr><td>Patent revoked</td><td></td></tr><tr><td>Date of grant</td><td>20130711</td></tr><tr><td>Scheduled expiry date</td><td>20270315</td></tr><tr><td>Due date of annual fee</td><td>20150710</td></tr><tr><td>Years of annuities paid</td><td>2</td></tr></table>	Application Number	096109176	Date of Update	20140627	Granting of a license	NO	Registration of patent mortgage	NO	Transfer of patent right	NO	Succession of patent right	NO	Registration of patent trust	NO	Opposition filed	NO	Request for Invalidation filed	NO	Date of lapse		Patent revoked		Date of grant	20130711	Scheduled expiry date	20270315	Due date of annual fee	20150710	Years of annuities paid	2
Application Number	096109176																														
Date of Update	20140627																														
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Succession of patent right	NO																														
Registration of patent trust	NO																														
Opposition filed	NO																														
Request for Invalidation filed	NO																														
Date of lapse																															
Patent revoked																															
Date of grant	20130711																														
Scheduled expiry date	20270315																														
Due date of annual fee	20150710																														
Years of annuities paid	2																														

Citation EP0629810A1 [Espacenet](#)

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Právní stav

Právní stav lze vyhledávat pouze u udělených patentů

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Vložit kód

Print Format : Select

Patent/Publication Number 200804715 **Patent I401384**

Title Cryogenic aerogel insulation system

Issued/Publication Date 2008/01/16

Application Date 2007/03/16

Application Number 096105476 **Espacenet**

IPC F17C-013/00(200601);B01D-008/00(200601)

Inventor JIBB, RICHARD JOHN GB;
ROYAL, JOHN H. US;
WHITE, NORMAN HENRY US;
SCHWEICHLER, STEVE ALLAN US;
HOBBS, WEVONE US

Applicant PRAXAIR TECHNOLOGY, INC. US

Priority Number 20060323 US 20060386677

Abstract A method for establishing a cryogenic insulation system wherein aerogel is provided to a sealable insulation space (1) defined by an inner and outer wall (2, 3) which is pressurized and depressurized. The pressurization is accomplished by preferably using a condensable gas, preferably carbon dioxide, provided to the insulation space (1). The condensable gas is cooled to depressurize the insulation space by cooling at least one wall (2, 3) to a temperature less than 190K and cooled to cryogenic temperatures typically by the application of refrigeration from cryogenic liquid.

Individual F

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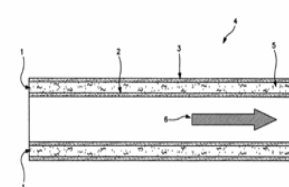
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圖 1



1. Cryogenic aerogel insulation system

★ **Inventor:**
JIBB RICHARD JOHN
[GB]
ROYAL JOHN H [US]
(+3)

Applicant:
PRAXAIR TECHNOLOGY INC
[US]

CPC:
F16L59/065
F16L59/141
F17C2203/0325

IPC:
B01D8/00
F17C13/00

Publication info: **Priority date:**
TW200804715 (A) 2006-03-23
2008-01-16
TWI401384 (B)
2013-07-11



Celý patentový dokument v angličtině

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Vyberte jazyk

angličtina

DTD version: 1.0.0

發明專利說明書

Patent specification

※申請案號：096109176

※I

※ docket number: 096 109 176

※ IPC Classification:

One, Title:

Aerogel insulation cryogenic system
CRYOGENIC AEROGEL INSULATION SYSTEM

II. Chinese invention summary:

The present invention provides a method of establishing cryogenic insulation system, in which the Department will provide airtel insulation in a sealable space (1), the space systems by the inner wall and the outer wall (2,3), as defined and pressurized and Relief. Preferably through the use of pressure supplied to the heat-insulating space (1) condensable gas (preferably carbon dioxide) to complete. The condensable gas typically applied via the refrigeration system from a cryogenic liquid and at least one wall (2,3) cooled to a temperature below 190 K's and cooled to very low temperatures, in order to relief the insulation space.

III. English invention summary:

A method for establishing a cryogenic insulation system wherein aerogel is provided to a sealable insulation space (1) defined by an inner and outer wall (2, 3) which is pressurized and depressurized. The pressurization is accomplished by preferably using a condensable gas, preferably carbon dioxide, provided to the insulation space (1). The condensable gas is cooled to depressurize the insulation space by cooling at least one wall (2, 3) to a temperature less than 190K and cooled to cryogenic temperatures typically by the application of refrigeration from cryogenic liquid.

IV. Designated representative figure:

一、發明名稱：

低溫氣凝膠隔熱系統

CRYOGENIC AEROGEL INSULATION SYSTEM

二、中文發明摘要：

本發明提供一種建立低溫隔熱系統之方法，其中係將氣凝膠經由使用提供到隔熱空間(1)的可凝氣體(較佳為二氧化碳)低於190 K之溫度並冷卻至極低溫度，以洩壓該隔熱空間。

三、英文發明摘要：

A method for establishing a cryogenic insulation system wherein aerogel is provided to a sealable insulation space (1) defined by an inner and outer wall (2, 3) which is pressurized and depressurized. The pressurization is accomplished by preferably using a condensable gas, preferably carbon dioxide, provided to the insulation space (1). The condensable gas is cooled to depressurize the insulation space by cooling at least one wall (2, 3) to a temperature less than 190K and cooled to cryogenic temperatures typically by the application of refrigeration from cryogenic liquid.

四、指定代表圖：

(一)本案指定代表圖為：第1圖

(二)本代表圖之元件符號簡單說明：

- 1 . . . 隔熱空間
- 2 . . . 內壁
- 3 . . . 外壁
- 4 . . . 雙壁導管



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Patent Type : ☒Granted Inventions☐Utility Models☐Designs☐Published Applications Applicant : ☐Individual☒Company

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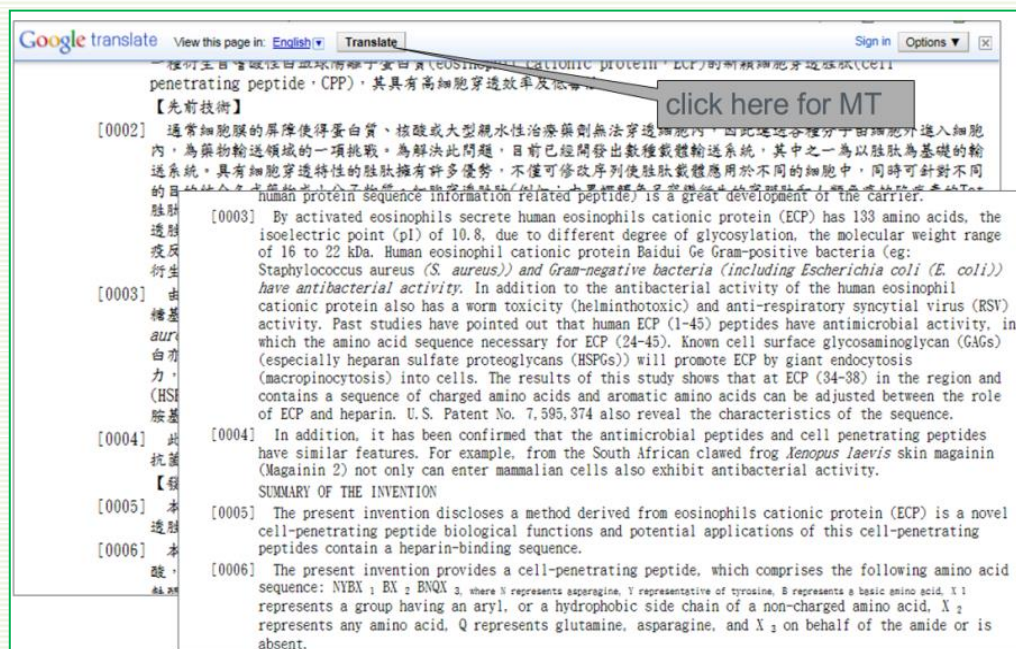
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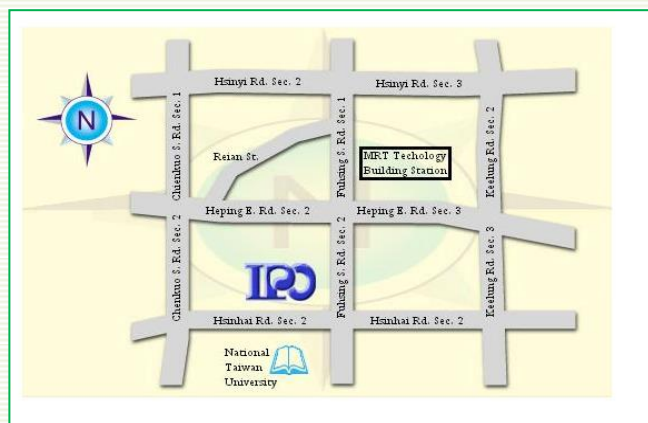
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