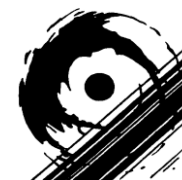


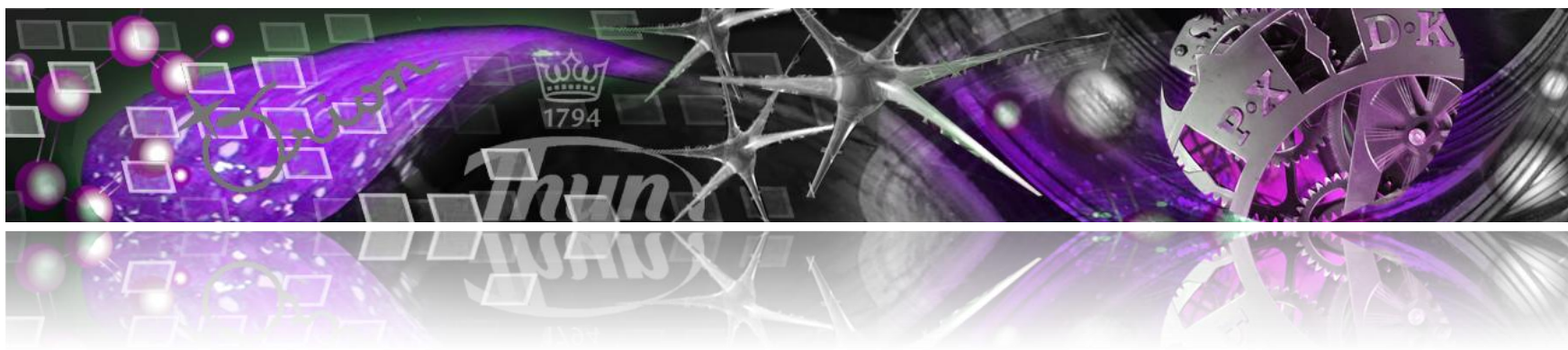


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LOW COST ROUTES TO HIGH PURITY SILICON AND DERIVATIVES THEREOF
(고순도 실리콘을 생산하기 위한 저비용 제조방법 및 이의 유도제)

PUB

Application No.(Date) : 1020117005049 (2009.08, ...)

IPC : C01B 33/037 C01B 33/023 B09B 3/00 C22B 7/00

Applicant : MAYA TERIALS, INC.

Right holder(current) : MAYA TERIALS, INC.

Abstract (Machine Translation)

The invention relates to the amorphous silica, and carbon and the method including the agricultural waste containing impurities, the step of extracting the impurities of the considerable amount from the agricultural waste, the step of diversifying the ratio of the carbon large silica, and the step of returning the high purity silicon (for example, the solar cell silicone) for silica.

Unexamined

2] AGENT FOR TREATING POWDER FOR COSMETIC, POWDER FOR COSMETIC, AND COSMETIC FORMULATED USING SAD POWDER(화장료용 분체의 처리제, 화장료용 분체 및 이를 배합한 화장료)

PUB

Application No.(Date) : 1020197001887 (2017.06, ...)

IPC : A61K 8/891 A61K 8/29 A61Q 17/02 A61Q 19/00

Applicant : DOW CORNING TORAY CO., LTD.

Right holder(current) :

having the theme the reactive organosiloxane indicated as the following general formula (1) mainly. (In the formula, R 1 is respectively the alkyl group of the carbon number 1~30. The respectively R 2 is the alkyl group of the carbon number 1~20, R 3 is the alkyl group. The n is the integer of 1~200 and the cosmetic material raw material

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LOW COST ROUTES TO HIGH PURITY SILICON AND DERIVATIVES THEREOF

고순도 실리콘을 생산하기 위한 저비용 제조방법 및 이의 유도체

Details Unexam. Full Text Publ. Full Text Registr. Details Administrative

Details Biographical Information Legal Status Claim Designated States Prior Art Document(s) Family Patent

(51) Int. CL C01B 33/037(2011.05.09) C01B 33/023
(2014.02.18) B09B 3/00(2014.02.18) C22B 7/00
(2014.02.18)

(52) CPC

(21) Application No.(Date) 1020117005049 (2011.03.03)

(71) Applicant MAYATERIALS, INC.

Translation submission Date (2011.03.03)

(11) Registration No.(Date) 1013881460000 (2014.04.16)

(65) Unex. Pub. No.(Date) 1020110049852 (2011.05.12) Full-doc Down

(11) Publication No.(Date) (2014.04.29) Full-doc Down

(86) Int'l Application No.(Date) PCT/US2009/052965(2009.08.06)

(87) Int'l Unex. Pub. No.(Date) WO2010017364(2010.02.11)

(30) Priority info. 미국(US) | 61/086,546 | 2008.08.06
(Country / No. / Date)

Legal Status Registered

Examination Status Decision to grant (General)

Trial Info

Kind/Right of Org. Application International Application /

Right of Org. Application No.
(Date)

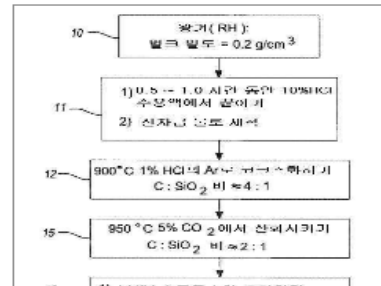
Related Application No.

Request for an examination Y(2011.03.03)
(Date)

Number of examination claims 25

Abstract (Machine Translation)

The invention relates to the amorphous silica, and carbon and containing impurities, the step of extracting the impurities of the waste, the step of diversifying the ratio of the carbon large silica, and the step of returning cell silicone) for silica.



LOW COST ROUTES TO HIGH PURITY SILICON AND DERIVATIVES THEREOF

고순도 실리콘을 생산하기 위한 저비용 제조방법 및 이의 유도체

Details Unexam. Full Text Publ. Full Text Registr. Details Administrative

Machine Translation

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 - 도면
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 - 도면2
 - 도면3

등록번호 10-1388146

(19) 대한민국특허청(KR)
(12) 등록특허공보(B1)

(61) 국제공개번호(Pat. Cl.) CIP 33/037 (2009.01) CIP 33/023 (2009.01)
(21) 출원번호 10-2011-7005049
(22) 출원일자(국제) 2009년08월09일
(86) 국제공개일자 2011년08월09일
(87) 국제공개일자 2011년08월09일
(88) 국제공개일자 2011년08월09일
(89) 국제공개일자 2011년08월09일
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(98) 국제공개일자 2011년08월09일
(99) 국제공개일자 2011년08월09일
(100) 국제공개일자 2011년08월09일

본 발명은, 무정형 실리콘, 탄소 및 불순물들을 함유하는 농업 폐기물을 분리하는 단계; 상기 농업 폐기물로부터 상당량의 불순물들을 추출하는 단계; 탄소 대 실리콘의 비율 변화시키는 단계; 및 상기 실리콘을 고순도 실리콘(예를 들어, 태양전지 실리콘)으로 환원하는 단계를 포함하는 방법에 대한 것이다.

대표도 - 51

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accintvaid(0)
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Si 제조를 위하여 Ar에서
가열하기

천국 2화.

Claim 3:

Bibliografie

Bibliographic Data

Int.Cl.	C01B 33/037 C01B 33/023 B09B 3/00 C22B 7/00
Published Date	20140429
Registration No.	1013881460000
Registration Date	20140416
Application No.	1020117005049
Application Date	20110303
Unexamined Publication No.	1020110049852
Unexamined Publication Date	20110512
Priority Claims	61/086,546 20080806 US
Requested Date of Examination	20110303
Agent.	PHIL & ONZI INT'L PATENT & LAW FIRM
Inventor	LAINE, Richard, M. KRUG, David, James MARCHAL, Julien, Claudius MCCOLM, Andrew, Stewart
Applicant	MAYATERIALS, INC.
Rightholder	MAYATERIALS, INC.

발명의 명칭

고순도 실리콘을 생산하기 위한 저비용 제조방법 및 이의 유도체

Title of Invention

The low-cost production method and its derivative for producing the high purity silicon.

Machine translation

요약

Abstract

LOW COST ROUTES TO HIGH PURITY SILICON AND DERIVATIVES THEREOF

고순도 실리콘을 생산하기 위한 저비용 제조방법 및 이의 유도체

Details	Unexam. Full Text	Publ. Full Text	Registr. Details	Administrative
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Right Information		
Indication Number	Details	
No.1	Application Date : 2011. 03. 03 Date of Priority Claim : 2008. 08. 06 Country of Priority Claim : United States of America Issue Date : 2014. 04. 29 Date of Decision to Grant Registration (Trial Decision) : 2014. 02. 19 Classification : C01B 33/037 Title of Invention : LOW COST ROUTES TO HIGH PURITY SILICON (Expected)Date of Expiration : 2029. 08. 06	Application Number : 10-2011-7005049 Number of Priority Claims : 1 Publication Number : Number of Claims :

Položky řízení

Patentee Information	
Priority Number	Details
No.1	(Right Holder) 마하테리얼스, 아이엔씨. 미국, 미시건 ***** , 앤 알보, **** 포크스톤 코트

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No.	Document Title	Receipt/Delivery Date	Status	Receipt/Delivery No.
1	[Patent Application] Document according to the Article 203 of Patent Act ([특허출원]특허법 제203조에 따른 서면)	2011.03.03	Accepted (수리)	112011015304751
2	Notice of Acceptance (수리안내서)	2011.03.09	Completion of Transmission (발송처리완료)	152011002040657
3	Notification of reason for refusal (의견제출통지서)	2013.02.26	Completion of Transmission (발송처리완료)	952013013187213
4	[Amendment to Description, etc.] Amendment ([명세서등 보정]보정서)	2013.04.26	Regarded as an acceptance of amendment (보정승인간주)	112013037104306
5	[Opinion according to the Notification of Reasons for Refusal] Written Opinion (Written Reply, Written Substantiation) ([거절이유 등 통지에 따른 의견]의견(답변, 소명)서)	2013.04.26	Accepted (수리)	112013037104115
6	Notification of reason for refusal (의견제출통지서)	2013.08.28	Completion of Transmission (발송처리완료)	952013059639417
7	[Amendment to Description, etc.] Amendment ([명세서등 보정]보정서)	2013.10.24	Regarded as an acceptance of amendment (보정승인간주)	112013096375413

Bibliographic Abstract Drawing Claims Description

A A A

Příčemž nabitý 1:

Příprava amorfni oxid křemičitý, zemědělský odpad, který obsahuje uhlík a nečistoty, a v tomto okamžiku, zemědělské odpady je spalovat kroky odpadního materiálu výrobku v zemědělství;

Krok extrakce významná množství nečistot kyselého vodného roztoku ze zemědělského odpadu, tvořící extrakci zemědělského odpadu;

Změnou molární poměr uhlíku na oxid křemičitý čisté zemědělské odpady: (čistý odpadní produkt zemědělský VHP d připravit a); A

způsob výroby vysoce čistého křemíku, který zahrnuje krok snížení oxidu křemičitého na křemíkových solárních platby buněk.

Ve kterém nabitý 2:

Způsob podle nároku 1, kde

v kroku přípravy zemědělského odpadu, nebo mletí za účelem zvýšení expozice pórů zemědělských odpadů, způsob výroby vysoce čistého křemíku, vyznačující se tím, že síťové hodnot nebo usazovací nebo prochází jako u kombinované léčby,

Billing 3:

Způsob podle nároku 1, kde

v kroku přípravy zemědělského odpadu, zemědělský odpad, je 95 až způsob výroby vysoce čistého molární poměr v rozmezí od 60: 40.

Nabitá 4:

Způsob podle nároku 1, vyznačující se tím,

v kroku přípravy zemědělského odpadu, způsob zemědělský odpad z výroby vysoce čistý křemík, vyznačující se tím, že obsahuje oxid křemičitý alespoň 40% hmotnostních.

Nabitá 5:

vymazání

Nabitá 5:

vymazání

**Původní text**

제1항에 있어서, 농업 폐기물을 준비하는 단계에서, 농업 폐기물의 공의 노출을 증가시키기 위하여 분쇄되거나, 체로 치거나, 침전되거나, 또는 이들의 조합된 처리를 거치는 것을 특징으로 하는 고순도 실리콘의 제조방법.

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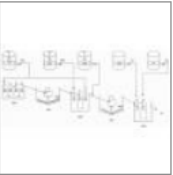


[Patent & Utility model] 6,463 Articles

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METHOD FOR REMOVAL OF AMMONIA NITROGEN FROM WASTE WATER(폐수 내 암모니아성 질소의 제거방법)

PUB



IPC : C02F 1/58 C02F 9/00

Applicant : DB HiTek Co., Ltd.

Application No. : 1020030046362

Application Date : 2003.07.09

Registration No. : 1004961220000

Registration Date : 2005.06.09

Unex. Pub. No. : 1020050006517

Unex. Pub. Date : 2005.01.17

Agent : SHIN, Dong Joon

Inventor : JEONG,JONGKOO | KIM,HOBEOM | JUNG,HYUNSI

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Registered

MVR(Mechanical Vapor Re-Compressor System) Using Evaporator For Waste WATER(기계적 증기 재압축장치를 이용한 음식물 탈리액 원수 증발장치.)

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Excluded word electric*mechanical

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Design : 0Articles

Trademark : -

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Design

Trademark

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[Patent & Utility model] 42 Articles

Registered

Module and System for Purifying Waste Water using Solar thermal Energy(태양열을 이용한 폐수 정화처리모듈 및 이를 이용한 태양열 하폐수정화처리 방법)

PUB

IPC : C02F 1/14 C02F 1/16

Applicant : KOREA INSTITUTE OF MACHINERY & MATERIALS

Application No. : 1020090106614

Application Date : 2009.11.05

Registration No. : 1010018570000

Registration Date : 2010.12.10

Unex, Pub, No. :

Unex, Pub, Date :

Agent : a

Inventor : PARK, Chang Dae | LIM, Byung Ju | YOON, Eui Soo

More

Ended

Solar cell generation of waste water treatment vote system(태양전지 발전 부표형 오염수 처리 장치)

PUB

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Right	☒ Patent ☒ Utility model
Status	☒ Entire ☒ Unexamined ☒ Withdrawn ☒ Ended ☒ Abandoned ☒ Invalidated ☒ Rejected ☒ Registered
Free Search (Full Text) help	waste*water*solar x and v
IPC guide	ex) G06Q + H04Q and v
CPC guide	ex)G06Q and v
Title of Invention(TL) help	ex) phone touch screen, electronic*cash, "cellularPhone" and v
Abstract(AB) help	ex) car + clutch, "dataSignal" and v
Number guide	Application No. Unex. Pub. No. Int'l Application No. ☐ Total 173 Articles (1 / 6 Pages) ☐ Registered [1] Module and System for Purifying Waste Water using Solar thermal Energy(태양열을 이용한 폐수 정화처리모듈 및 이를 이용한 태양열 하폐수정화처리 방법) PUB G+
Date guide	Publication Date Registration Date Int'l Application Date
Priority info.	Priority No.(RN) Priority Date(RN)

Application No.(Date) : 1020090106614 (2009. 11. ...)

IPC : C02F 1/14 C02F 1/16

Applicant : KOREA INSTITUTE OF MACHINERY & MATERIALS

Right holder(current) : PROSAVE CO., LTD.

KPA (Korea Patent Abstract)

PURPOSE: A module and a system for purifying waste water using solar thermal energy are provided to reduce the operation

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Patent

waste*water*solar*CPC=[Y02A]

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Right	☒ Patent ☒ Utility model
Status	☒ Entire ☒ Unexamined ☒ Withdrawn ☒ Ended ☒ Abandoned ☒ Invalidated ☒ Rejected
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IPC guide	C02F1/14 x and v
CPC guide	ex)G06Q
Title of Invention(TL) help	ex) phone touch screen

1

C02F 1/14

using solar energy 20190801

태양 에너지를 사용하는 것

C02F1/14

.. with addition of chemical agents WARNING Group C02F11/14 is impacted by reclassification into groups C02F11/143, C02F11/145, C02F11/147, and C02F11/148. All groups listed in this Warning should be considered in a complete search. 20190801

C02F11/14

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60

Total 3 Articles (1 / 1 Pages)

Registered

[1] Module and System for Purifying Waste Water using Solar thermal Energy(태양열을 이용한 폐수 정화처리모듈 및 이를 이용한 태양열 하폐수정화처리 방법)

PUB

Application No.(Date) : 1020090106614 (2009.11. ...)

IPC : C02F 1/14 C02F 1/16

Applicant : KOREA INSTITUTE OF MACHINERY & MATERIALS

Right holder(current) : PROSAVE CO., LTD.

using solar thermal energy are provided to reduce the operation and maintenance cost by using the environment-friendly energy.CONSTITUTION: A module for purifying waste water using solar thermal energy comprises a direct heating type evaporator (10), an indirect heating type evaporator(20), and fluid delivery units(P). The direct heating

waste*water*solar
C02F1/14

13

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Statistika

Right

☒ Patent ☒ Utility model

Status

☒ Entire ☒ Unexamined ☒ Withdrawn ☒ Ended ☒ Abandoned ☒ Invalidated ☒ Rejected

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waste*water

and ▼

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Title of Invention(TL) [help](#)

ex) phone touch screen, electronic*cash, "cellularPhone"

and ▼

Abstract(AB) [help](#)

ex) car + clutch, "dataSignal"

and ▼

Number [guide](#)

Application No.(AN) ex) 1020150123456 and ▼
Unex. Pub. No.(CPN) ex) 1020160123456 and ▼
Int'l Application No.(FN) ex) PCT/US1995/012345 and ▼

Registration No.(GN)
Publication No.(PN)
Int'l Unex. Pub. No.(

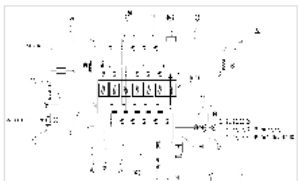
Date [guide](#)

Publication Date(PD) 20190101 ~ 20191101 and ▼
Registration Date(GD) ~ and ▼
Int'l Application Date(FD) ~ and ▼

Application Date(AD)
Unex. Pub. Date(OPD)
Int'l Unex. Pub. Date(FO

☒ Total 10 Articles (1 / 1 Pages)

☐ Registered [1] WASTE WATER TREATING SYSTEM(폐수처리 시스템)



Application No.(Date) : 1020170170403 (2017.12. ...
IPC : C02F 9/00 C02F 1/24 C02F 1/40 C02F 1/00 B01D 35/02 C02F 5/0...
Applicant : WTHUS E.M.T Co.,Ltd.
Right holder(current) : WTHUS E.M.T Co.,Ltd.

KPA (Korea Patent Abstract) The present invention relates to a waste water treatment system

Registration Year

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2017(6)

2018(4)

Select IPC Code

C02F(9)

B01D(1)

Select Applicant

GS Engineeri...(1)
HAE SUNG ENG...(1)
Logis & Eco...(1)
WTHUS E.M.T...(1)
MINE RECLAMA...(1)
HAN, YANGSU(1)
CHANG,Song Man(1)
KIM, In Sik(1)
CHOI, Won Gi(1)
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KZL (CHONGGI...(1)

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CPC guide	ex)G06Q and ▼	
Title of Invention(TL) help	<input cellularphone"="" type="text" value="ex) phone touch screen, electronic*cash, "/> and ▼	
Abstract(AB) help	<input datasignal"="" type="text" value="ex) car + clutch, "/> and ▼	
Number guide	Application No.(AN) ex) 1020150123456 and ▼	Registration No.(GN) ex) 1012345670000 and ▼
	Unex. Pub. No.(CPN) ex) 1020160123456 and ▼	Publication No.(PN) ex) 1019960012345 and ▼
	Int'l Application No.(FN) ex) PCT/US1995/012345 and ▼	Int'l Unex. Pub. No.(FON) ex) WO2014123456 and ▼
Date guide	Publication Date(PD) ex) 20101130 ~ ex) 20101130 and ▼	Application Date(AD) ~ and ▼
	Registration Date(GD) ~ and ▼	Unex. Pub. Date(OPD) ~ and ▼
	Int'l Application Date(FD) ~ and ▼	Int'l Unex. Pub. Date(FOD) ~ and ▼
Priority info.	Priority No.(RN) ex) JPP2007097079 and ▼	Priority Country(RC) ex) JP and ▼
	Priority Date(RD) ~ and ▼	
Claims(CL) help	<input datasignal"="" type="text" value="ex) car + clutch, "/> and ▼	
Name/ No/Address	Applicant(AP) guide HYUNDAI	
	Agent(AG) guide ex) KIMChulSoo, S	

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☐ Total **6** Articles (1 / 1 Pages)

☐ **Ended** [1] Method for treating acidic waste water(산성폐수의 처리방법)

Application No.(Date) : 1020080118789 (2008. 11. ...
 IPC : C02F 1/66 C02F 9/00 C02F 1/00
Applicant : HYUNDAI STEEL COMPANY
 Right holder(current) : HYUNDAI STEEL COMPANY

Nápověda

Classification		Description	example
Word search		Find results that include one or more instances of a word you specify	disc
Phrase search("")		Find results that include a phrase you specify	"data signal"
Logical operator	AND(+)	Find results with all the search elements you specify	Cellular phone+case
	OR(+)	Find results with at least one of search elements you specify	Cellular phone+mobile phone
	NOT(!)	Find results without the elements you specify	Car+!clutch
	NEAR(^)	Find results in which two or more search terms have to appear within a specified number of words of each other	Car^2angle (within 2 words form car; n is from 1 to 3)
	Truncation (?)	Patent/Utility Model search with partial number information (This can be used for number searches only. For help, please refer to 'Patnet help -> Smart Search -> Search by Number'.)	?-2012-0001234



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Search Results**

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Data Coverage View

Database Contents

Application Date

Unex.Pub. Date

Publication Date

Registration Date

IPC

Statistics

Database is updated daily but some data can be missed from the update.

Database covers the data from 1948 to today.

Types	Recode Date	Duration	Count
Pat, Unexam Pub,	Unex, Pub, Date	1983.03.25 ~ 2019.11.13	3,122,217
Pat, Pub,	Pub, Date	1948.06.20 ~ 2019.11.13	2,015,358
Util, Model Unexam, Pub,	Unex, Pub, Date	1983.03.25 ~ 2019.	
Util, Model Pub,	Pub, Date	1948.06.20 ~ 2019.	

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Unex.Pub. Date

Publication Date

Registration Date

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- Provides yearly and monthly patent/utility model statistics starting from 1948
- The statistics may not correspond to actual search results, because count is updated once a day.
- The statistic by IPC is based on the application date.

	section A	section B	section C	section D	section E	section F
2019	8,942	11,776	7,132	704	2,547	4,894
2018	46,771	48,946	34,419	3,431	12,546	22,025
2017	101,838	104,425	82,193	6,655	20,632	47,615
2016	106,678	124,746	88,946	10,753	26,586	58,507
2015	90,177	102,291	76,437	7,944	22,410	57,363
2014	77,958	83,135	74,170	5,645	16,588	41,344
2013	70,046	82,885	64,917	6,123	16,918	41,596
2012	71,738	81,602	64,162	5,704	18,399	41,163
2011	72,082	84,269	60,750	5,695	19,575	43,232



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Facts and figures

Grant procedure

Numbering system

Useful terms

Searching in
databases

Saudi Arabia (SA) FAQ

Updates

Korea (KR)

In 2007, Korean patent literature became part of the PCT minimum documentation and must be included in patentability searches done for PCT applications. This area provides background information on the Korean patent system and guidance on other essentials of Korean patent documentation. See the Searching in databases section for tips on how to search sources of Korean patent information.

> FAQ

Answers to common questions about patents and patent information in Korea. If you cannot find the answer you are looking for, you can write to us using our [form](#).

> Grant procedure

A flowchart overview of the most important steps in the Korean procedures from filing an application to the grant of a patent.

> Useful terms

Some common patent terms in Korea

> Facts and figures

Developments in filing figures and application trends in Korea.

> Numbering system

An introduction to the most important document types (including kind codes) and explanations of the formats for document numbers.

> Searching in databases

Tips and tricks for using free Korean data sources without knowing the language. Simple, step-by-step search guides demonstrate how to make the

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Numbering system - Korea

Document and kind codes

GONGGAE (A, U) - [enlarge](#)

공개

- unexamined patent publication (A)
- unexamined utility model publication (U)

GONGGO (B, Y) - [enlarge](#)

공고

- examined patent publication (old law) (B)
- examined utility model publication (old law) (Y)

DEUNGNOK (B, Y) - [enlarge](#)

등록

- granted patent publication (B)
- registered utility model publication (Y)

Number formats

application numbers:

yy-nnnnnn(n)

(between 1948 and 1993)

- two digits for the year (y)
- six or seven digits for the serial number (n)

yyyy-nnnnnn(n)

(between 1994 and 1997)

- four digits for the year (y)
- six or seven digits for the serial number (n)

tt-yyyy-nnnnnnn

(from 1998 onwards)

- two digits for the type of right (t)
- four digits for the year (y)
- seven digits for the serial number (n)

A-/U-publication numbers:

yy-nnnnnn(n)

(between 1983 and May 1998)

- two digits for the year (y)
- six or seven digits for the serial number (n)

yyyy-nnnnnn(n)

(between May 1998 and 2003)

- four digits for the year (y)
- six or seven digits for the serial number (n)

tt-yyyy-nnnnnnn

(from 2004 onwards)

- two digits for the type of right (t)
- four digits for the year (y)
- seven digits for the serial number (n)

Useful terms - Korea

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

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

Užitečné výrazy

Korean		Pronunciation	English
초록	enlarge	chorok	abstract
출원인	enlarge	chulwonin	applicant
출원서	enlarge	chulwonseo	application
도면의 간단한 설명	enlarge	domyeon-ui gandanhan seolmyeong	brief explanation of drawings
청구항(청구범위)	enlarge	cheongguhang (cheonggu beomwi)	claims
출원일자	enlarge	chulwon ilja	date of filing
일	enlarge	il	day
상세한 설명	enlarge	sangsehan seolmyeong	description
의장	enlarge	uijang	design
도면	enlarge	domyeon	drawings
실시	enlarge	silsi	embodiments
특허공고	enlarge	teukheo gonggo	examined patent publication
심사관	enlarge	simsagwan	examiner
권리자	enlarge	gwallja	holder of patent right

Searching in databases - Korea

Tips & tricks for searching in databases

Easy, step-by-step instructions on how to use official Korean databases. Click on the links below to download the respective search guides.

Number search and document retrieval

- ☐ **Retrieving Korean full text data from KIPRIS** (PDF, 622 KB)
- ☐ **"Patent of my concern" - free monitoring tool for Korean publications in KIPRIS** (PDF, 723 KB)
- ☐ **Searching Korean prior art using the 'cross lingual retrieval' function in KIPRIS** (PDF, 262 KB)
- ☐ **Searching information on similar patents in KIPRIS** (PDF, 467 KB)
- NEW: ☐ **Monitoring lapsed and expired Korean patents** (PDF, 581 KB)

English machine translations

- ☐ **Retrieving free English machine translations in KIPRIS** (PDF, 650 KB)

Legal status information

- ☐ **Searching Korean file wrapper information in KIPO's OPD platform** (PDF, 865 KB)
- ☐ **Searching information on trial proceedings in KIPRIS** (PDF, 542 KB)

Děkuji Vám za pozornost



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