



Patent Search and Analysis System



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Contents

1 System Profile



System Introduction

The patent search and analysis system is a system that the China National Intellectual Property Administration provides free patent search and patent analysis services to the public.

The patent search and analysis system is committed to providing professional and high-quality patent search and analysis services to domestic and foreign users. The new version was launched in December 2021.



System Introduction

The system supports 9 languages and provides patent search and analysis services for the whole world.

Search Analysis Popular tools liaohj English

专利检索及分析 | Quick Search
Patent Search and Analysis

Application No. Publication No. Applicant Inventor Invention name

Enter keywords, application number / publication numb... Search

中文 English Français Deutsch русский Español 日本語 عربي Português

logical operators and and or.
search terms with Spaces, for example, smart phone.
operator is AND. If you enter Smart phone, the system searches for smart and mobile phone.
dated by "-" or "." in the following formats: YYYY-MM-DD, YYYY.mm-dd, YYYYMMDD, YYYYMM, and YYYY.
e () operator. For example, if you input domestic (smart phone), the system will preferentially execute "smart AND



System Core Functions

Search

Search functions

View functions

Multi-function
Querier

Analysis

Analysis db

Analysis model

Analysis report







Comprehensive patent data
resources









Patent Data

Data included

The patent search and analysis system collects patent data from different countries, regions and organizations, as well as citation, homology, legal status and other data information.

Country / region / Organization	Data range	Patent Count
 CN	19850910~20230721	43991045
 JP	19130206~20230707	19531701
 GB	17820704~20230712	2988621
 DE	16700611~20230713	8750255
 CH	18881129~20230630	718764
 WO	19781019~20230706	4979355

Country / region / Organization	Data range	Patent Count
 US	17900731~20230706	15080627
 KR	19700820~20230630	5078085
 FR	18550227~20230630	2507777
 RU	19921015~20230627	1227120
 EP	19781220~20230712	4196446
 OTH	18270314~20230707	19499141



System Access Address

Patent Search and Analysis Search Analysis Popular tools Login Register English

中文

CNIPA
China National Intellectual Property Administration

SITE SEARCH

Home Resources News & Events Law Special Topics Statistics About Us

Quick Links

- Search
 - Patent Trademark Query
- How to Apply
 - Patent Trademark
 - Geographical Indication
 - Layout-design of Integrated Circuit
- Fee Information
 - Patent Trademark

Organizer: China National Intellectual Property Administration Copyright: China National Intellectual Property Administration Technical support: 010-62088060

<https://english.cnipa.gov.cn/>



User Login

Patent Search and Analysis

English Français Deutsch русский Español 日本語 عربي Português

Notice

- Trial launch of new system version 2022-12-28

Contact us 010-62088060

Email pss.system@cnipa.gov.cn

Account login

Please enter email address

Please enter password

Please enter the graphic verification code 2672

Login

User Registration Forgot password

Organizer: China National Intellectual Property Administration | Copyright: China National Intellectual Property Administration



User Registration

The screenshot displays the 'Patent Search and Analysis' website interface. At the top, there is a navigation bar with the site logo and language options: English, Français, Deutsch, русский, Español, 日本語, العربية, and Português. A 'Notice' panel on the left mentions a 'Trial launch of new system version'. The main content area is partially obscured by a 'User Registration' modal window. This modal contains four input fields: 'Please enter the registration email address', 'Please enter the verification code', 'Please enter password', and 'Please enter the confirmation password'. A 'Get email verification code' button is positioned next to the first field, and a 'Register' button is at the bottom. In the background, an 'Account login' form is visible, including fields for 'address', 'password', and 'graphic verification code' (displaying '2672'), along with a 'Login' button and a 'Forgot password' link. A contact information banner at the bottom provides a phone number (010-62088060) and an email address (pss.system@cnipa.gov.cn). The footer identifies the organizer as the China National Intellectual Property Administration and includes a copyright notice.



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Quick Search



专利检索及分析
Patent Search and Analysis

Quick Search

Automatic recognition	Search elements	Application No.	Publication No.	Applicant	Inventor	Invention name
 Data range <input type="text" value="v"/>	<input type="text" value="Please enter keywords, application number / publication numb..."/>					<input type="button" value="Q Search"/>

Mode: Automatic recognition

1. Supports binary logical operators and and or.
2. Separate multiple search terms with Spaces, for example, smart phone.
3. The default binary operator is AND. If you enter Smart phone, the system searches for smart and mobile phone.
4. Dates can be separated by "-" or "." in the following formats: YYYY-MM-DD, YYYY.mm-dd, YYYYMMDD, YYYYMM, and YYYY.
5. Support half Angle () operator. For example, if you input domestic (smart phone), the system will preferentially execute "smart AND mobile phone", AND then calculate the result set with "domestic".
6. If the search criteria contain Spaces, reserved keywords, or operators, use half-corner double quotation marks ("WILLIAMS AND LANE INC").



Advanced Search

Σ Generate Clear Search Search History ^

Q Please enter a search number expr Operation

Number	Expression	Number of hits	Mode	Time	Operation
128	复合文本=(自行车)	122443	Simple search	2022.03.17 09:58:40	Quote Search
127	公开 (公告) 号=(CN104065837 A)	1	Advanced Search	2022.03.15 16:04:33	Quote Search
126	公开 (公告) 号=(CN109432385 A)	1	Quick Search	2022.03.15 15:06:24	Quote Search
125	复合文本=(药酒)	9207	Simple search	2022.03.15 14:49:50	Quote Search
124	复合文本=(自行车)	122342	Simple search	2022.03.15 14:13:47	Quote Search

Common 128 Strip 5 Strip/Pe << < 1 2 3 4 5 > >> Go to 1 Page

Σ Generate Clear Search Search History ^

CPCCombination code Number Associated Query Associated Query



View Search Result

Advanced Search / Search results

Search result statistics

Applicant

- 国际标准电气公司 1
- 华为技术有限公司 1
- 刘海先 1
- 北京泰丰电器研究所 1
- 阿尔卡特公司 1
- 海安睿华纺织科技有限公司 1
- 中华电信股份有限公司电... 1
- 沈阳边防检查站 1

Valid: Available Invalid

Publication Date: Start date - End date Granted Date: Start date - End date

OK Reset

To Batch Download Add analysis library Track Print 8 results found

Descending

Application Date	Invention Title
2020.09.11	用于相互控制光交换机中放大和切换状态的方法和装置

Descending order of application date

Ascending order of application date

Publication date ascending order

Descending order of publication date

Batch Download Add analysis library Track Print



Browse Patent Information

Literature browsing list

Select All

Literature browsing list

Select All

CN11316979A

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+Analysis Database

Translation

Translation

Description Items | Full text | Abstract attached drawings | Attached drawings of the specification | Full text image

Legal status | Homology | Citation | Cited

Application No.	Legal status announcement date	Chinese Meaning	English Meaning
CN202080006390	20230602	发明专利权授予	granted
CN202080006390	20210810	实质审查的生效	initiative for examination as to substance
CN202080006390	20210723	国际专利申请公布	publication

Total 3 Results 5 Results, < 1 > Go to 1 Page

PCT/CN2020/114791 2020.09.11

(87) PCT国际申请的公布数据

W02021/047641 EN 2021.03.18

(71) 申请人 华为技术有限公司

地址 518129 广东省深圳市龙岗区坂田华

Cancel

Select All

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Apply



Popular Tools

Popular tools

Patent Family Query | Citation/Cited Query | Legal Status Query | Country / region / organization code query | Association Word Query | Bilingual Dictionary Query

Classification Number Associated Query | Applicant Alias Query

Select the classification system associated with ipc8:

IPC8 Classification Number	Associated classification number
A	A
A01	A01
A01B	A01B
A01B1/00	A01B1/00
A01B1/02	A01B1/02
A01B1/02	A01B1/02B
A01B1/02	A01B1/02F
A01B1/02	A01B1/02H
A01B1/02	A01B1/02S
A01B1/04	A01B1/04
A01B1/06	A01B1/06

English Meaning

..HUMAN NECESSITIES;
....AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING;
.....SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL [making or covering furrows or holes for sowing, planting, or manuring A01C5/00; soil working for engineering purposes E01, E02, E21; [N:measuring areas for agricultural purposes G01B]];
.....Hand tools ledae trimmers for lawns A01G3/06: IN:machines for workina soil

Chinese Meaning

..人类生活需要;
....农业; 林业; 畜牧业; 狩猎; 诱捕; 捕鱼;
.....农业或林业的整地; 一般农业机械或农具的部件、零件或附件(用于播种、种植或施厩肥的开挖沟穴或覆盖沟穴入A01C5 / 00; 工程目的的整地入E01, E02, E21; [N: 农业目的的的面积测量入G01B]);



Medicine Search

Medicine Search

Western Medicine Dictionary

Query criteria: Select All Chinese Pinyin English name Chinese name Molecular formula Drug registration No. CAS Registration No.

Query content: PAT

Inquire

Reset

Generate

Query results

<input checked="" type="checkbox"/>	Drug registration No.	Chinese synonym
<input checked="" type="checkbox"/>	000-003-94	6-氨基嘌呤; 维生素B4; 维生素Bs. 胸腺素ALPHA-1; 胸腺素ALPHA1; 胸腺肽ALPHA1; 胸腺素-ALPHA1; 胸腺法新; 人胸腺素alpha1; 人thymosin alpha 1; 人T alpha 1; 重组人胸腺肽ALPHA1; 胸腺素ALPHA1肽; TA1肽; 胸腺肽ALPHA-1; 迈普新; 人ALPHA1-胸腺肽; 人Alpha1-thymosin; 人TAlpha1; 人Thymosin-Alpha1; 人
<input type="checkbox"/>	000-425-32	

al 539 Results << < 1 2 3 4 5 > >> Go to Page

Detailed information

Chinese name correction: 腺嘌呤

Chinese synonym: 6-氨基嘌呤; 维生素B4; 维生素Bs.

English name: Adenine*

English synonym: 1H-Purin-6-amine; 6-Aminopurine; 6-aminopurine; 6-amino-1H-purine; 6-amino-3H-purine; 6-amino-9H-purine; 1,6-dihydro-6-iminopurine; 3,6-dihydro-6-iminopurine; Leuco-4; VITAMIN B4; 7(9)H-purin-6-ylamine; Adenin; 7H-purin-6-ylamine.

Molecular formula: C5H5N5

Therapeutic use:

Drug registration No.: 000-003-94

CAS Registration No.: 73-24-5

Precise structure Substructure Similarity

Search



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Maintain Analysis Database

Applicant Analysis

Inventor Analysis

Region Analysis

Technology Field Analysis

China Special Analysis

Advanced Analysis

Log report



Add Patent Analysis Project

Quick Search / Search results

Screen

Patent Type : [Invention](#) [Utility model](#) [Appearance design](#) Valid : [Available](#) [Invalid](#)

Application Date : Start date - End date Publication Date : Start date - End date Granted Date : Start date - End date

Add To Analysis DB

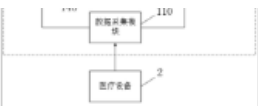
Name of analysis library: Description:

Create and Append

Analysis Literature Database create biggest quantity: 10 Analysis Literature Database Maximum Capacity: 100000

Into the Analysis

Project Name	Description	Patent Num	State	Operation
交换机		2549	Enable	Add Cover
nozzles		2103	Deactivate	Add Cover Delete



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Patent Analysis Project Management

Maintain Analysis Database

Project Analysis Literature Database Maximum Capacity: 10 Analysis Literature Database Maximum Capacity: 100000

+ Establish

State

New analytical literature Library

Project Name:

Description:

Project Name: 交换机

Application No.

<input type="checkbox"/>	Application No.
<input type="checkbox"/>	CN01137424
<input type="checkbox"/>	CN01125925
<input type="checkbox"/>	CN01106300
<input type="checkbox"/>	CN00137496
<input type="checkbox"/>	CN00135838
<input type="checkbox"/>	CN00262369

阿尔卡塔尔公司	光IP交换路由结构	葛安(音译): 拉克施曼-S.塔米尔	H04J14/02
杜凤祥	广域智能化多媒体消防指挥系统	杜凤祥	G08B25/00
三星电子株式会社	具有透明性的光学交叉连接设备	高俊豪; 金相镇; 金昇植; 梁光模	H04Q3/52
卢玉涛	利用HFC和局域网综合进行宽带接入	卢玉涛	H04L12/28
信息产业部电子第五十四研究所	干线与入口交换机	王辰全; 张喜; 崔生保; 陈宏峰; 顾京山; 孙学斌; 宋兵书; 陈宏宇; 张群平; 殷绍英; 刘海英; 郝业; 韩建波; 王永红; 王宏波; 王鹏; 郭金鹏; 孟利; 李育其; 纪晓民; 邵彦峰; 杨光; 王小燕; 邢怡	H04Q11/00

OK

Operation

Edit View

Edit View Delete

Delete

Operation

Delete

Delete

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A Variety of Patent Analysis Models

Ad Patent Search and Analysis Search Analysis Popular tools admin English

Maintain Analysis Database

Project Analysis Literature Database create bigger Database Maximum Capacity: 100000 + Establish

State	Project Name	Patent Num	Creation Time	Operation
<input checked="" type="checkbox"/>	nozzles	2103	2022-10-24	Edit View
<input type="checkbox"/>	指纹	567	2022-10-20	Edit View Delete

Project Name: nozzles

Application No. Inquire Delete

<input type="checkbox"/>	Application No.	Applicant	Invention Title	Inventor	Classification No.	Operation
<input type="checkbox"/>	CN200610019071	武汉工程大学	鲟鱼软骨口服液的制备方法	陈金芳; 陈启明	A61K35/58	Delete
<input type="checkbox"/>	CN200610019071	N/A	N/A	N/A	A61K35/58;A23L1/325;A61P1/14	Delete
<input type="checkbox"/>	CN200610018864	兰泽桥	鲟鱼皮圈及其制作方法	兰泽桥; 陈金芳	B44C5/02	Delete
<input type="checkbox"/>	CN200580043072	国立农业研究所 - INRA	生产具有靶向基因组修饰的卵母细胞或卵的体外方法	J - S-若利; V-瑟姆斯; F-索姆	C12N15/90	Delete
<input type="checkbox"/>	CN200510010421	中国水产科学研究院黑龙江水产研究所	鲟科鱼类卵黄磷蛋白的制备方法及其应用	张颖; 孙大江; 曲秋芝; 刘海全	C07K14/435	Delete
<input type="checkbox"/>	CN200510010421	N/A	N/A	N/A	C07K14/435;G01N33/53	Delete



Analysis Project Log Report

Log report

Maintain Analysis Log

Maintain Analysis Report

Maintain Analysis Report

Title:

Description:

Report list

<input checked="" type="checkbox"/>	Title	Description	Generate Time	Operation
<input checked="" type="checkbox"/>	nozzles-report	nozzles-report-20221024	2022-10-24	Edit Preview Download Delete

Total 1 Results

10 Result

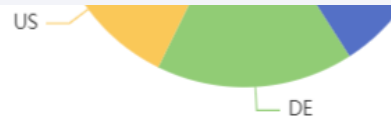


1



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Thank you!