

# China, Japan, Korea

## Advantages of searching in original language databases

Irene Schellner  
European Patent Office

ICIC Conference, 21 October 2008



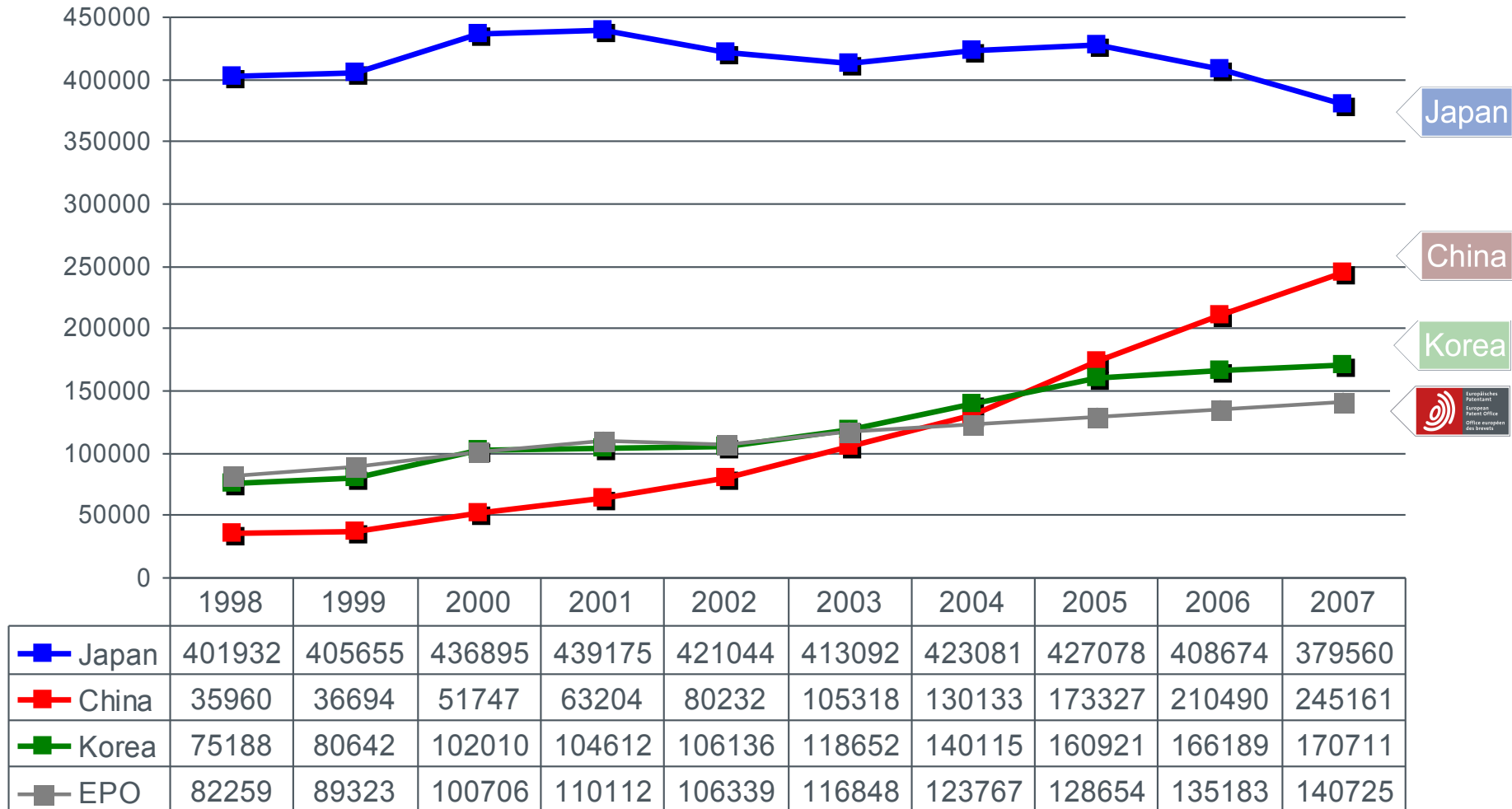
# China, Japan, Korea

## Searching original language databases

### Key questions:

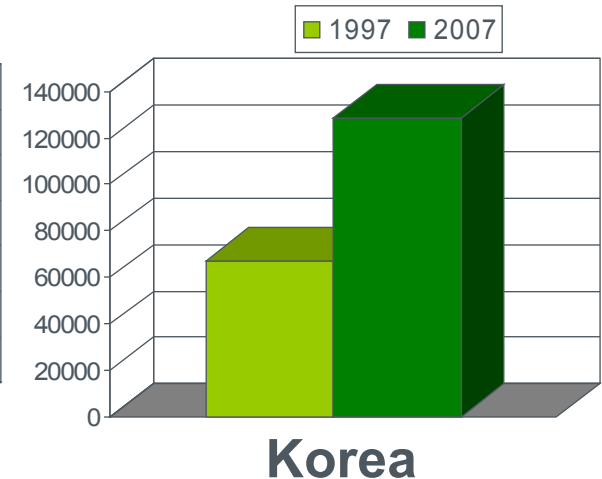
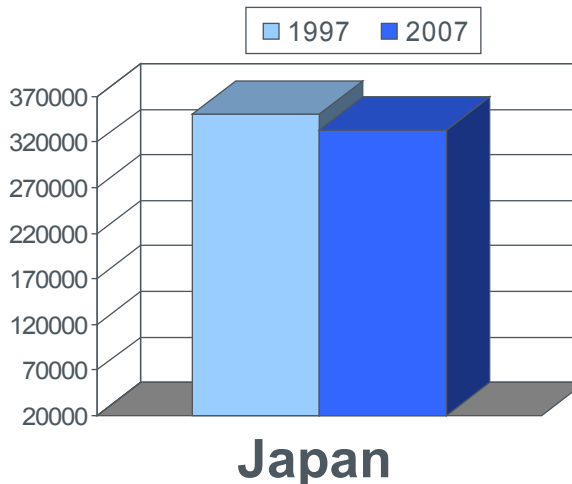
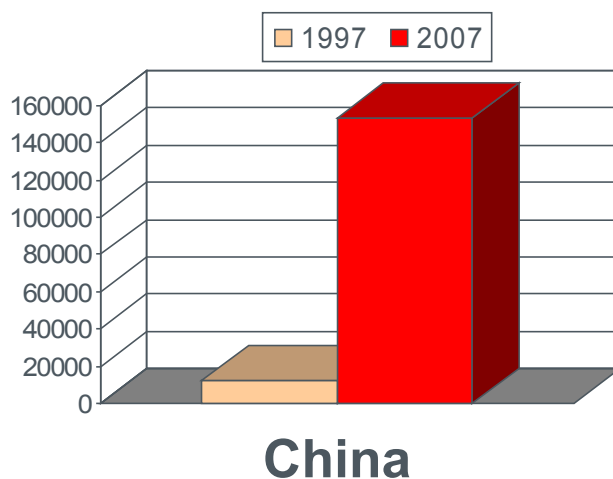
- ❑ Why bother with East Asian patent data?
- ❑ English data: what are we missing?
- ❑ Can we overcome the language barriers?
- ❑ How to make the most of original language databases
- ❑ Meeting the challenge: what the EPO does to help

# Evolution of patent filings in East Asia

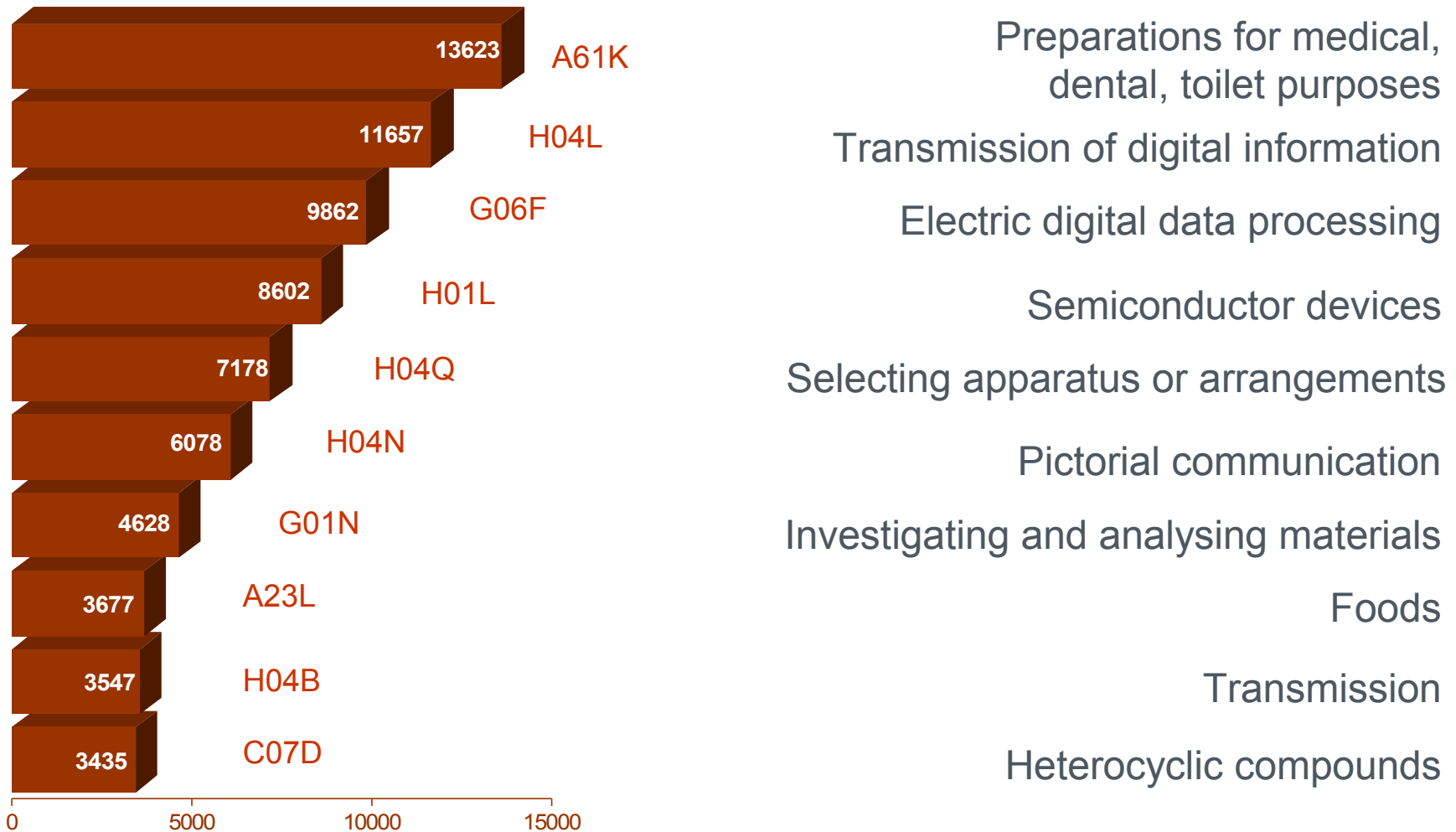


# Domestic filings (1997-2007)

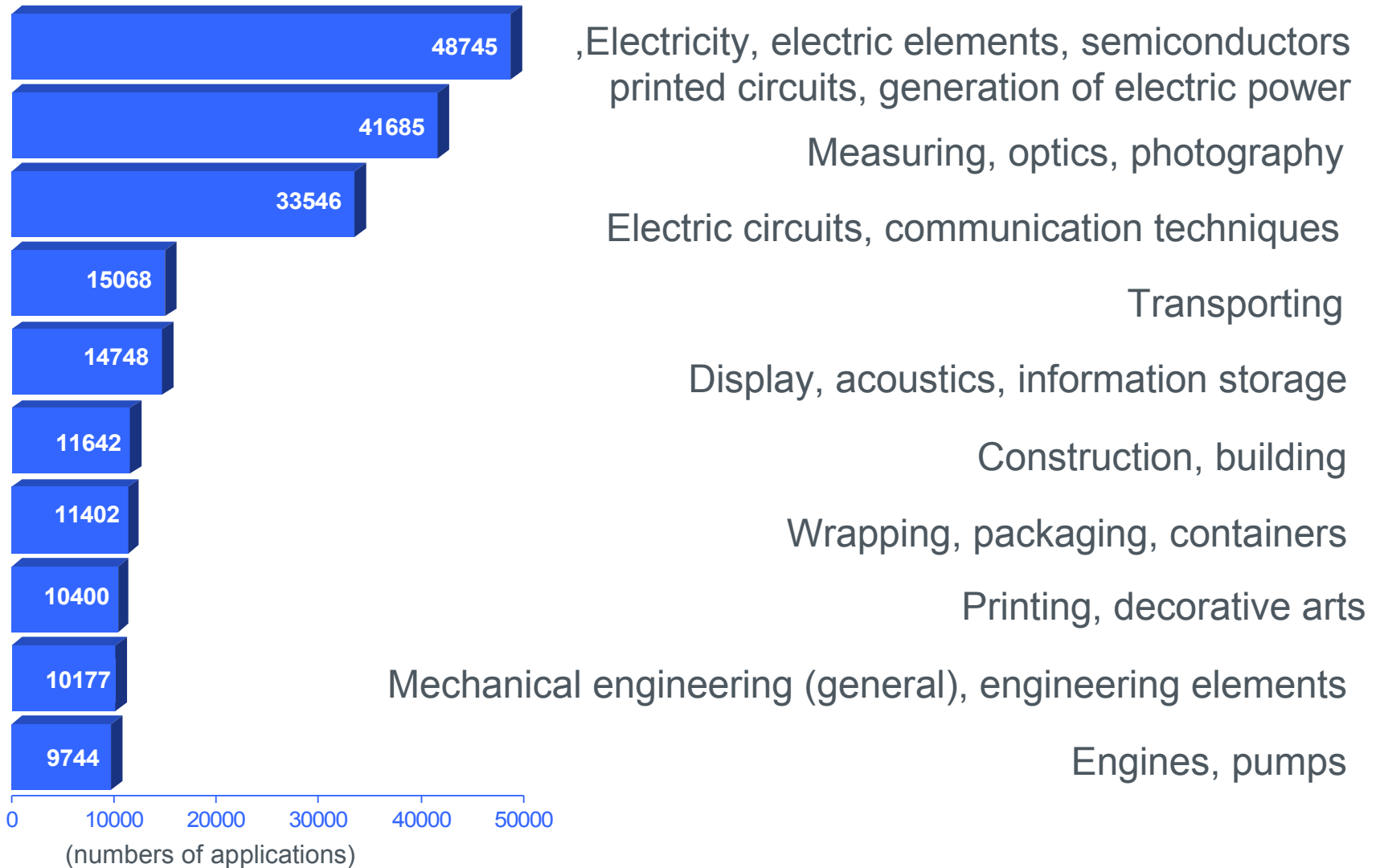
- ❑ Domestic Chinese patent applications increased twelve fold
- ❑ Domestic Japanese applications declined slightly but remain at a high level (333 498 applications in 2007)
- ❑ Domestic Korean applications doubled



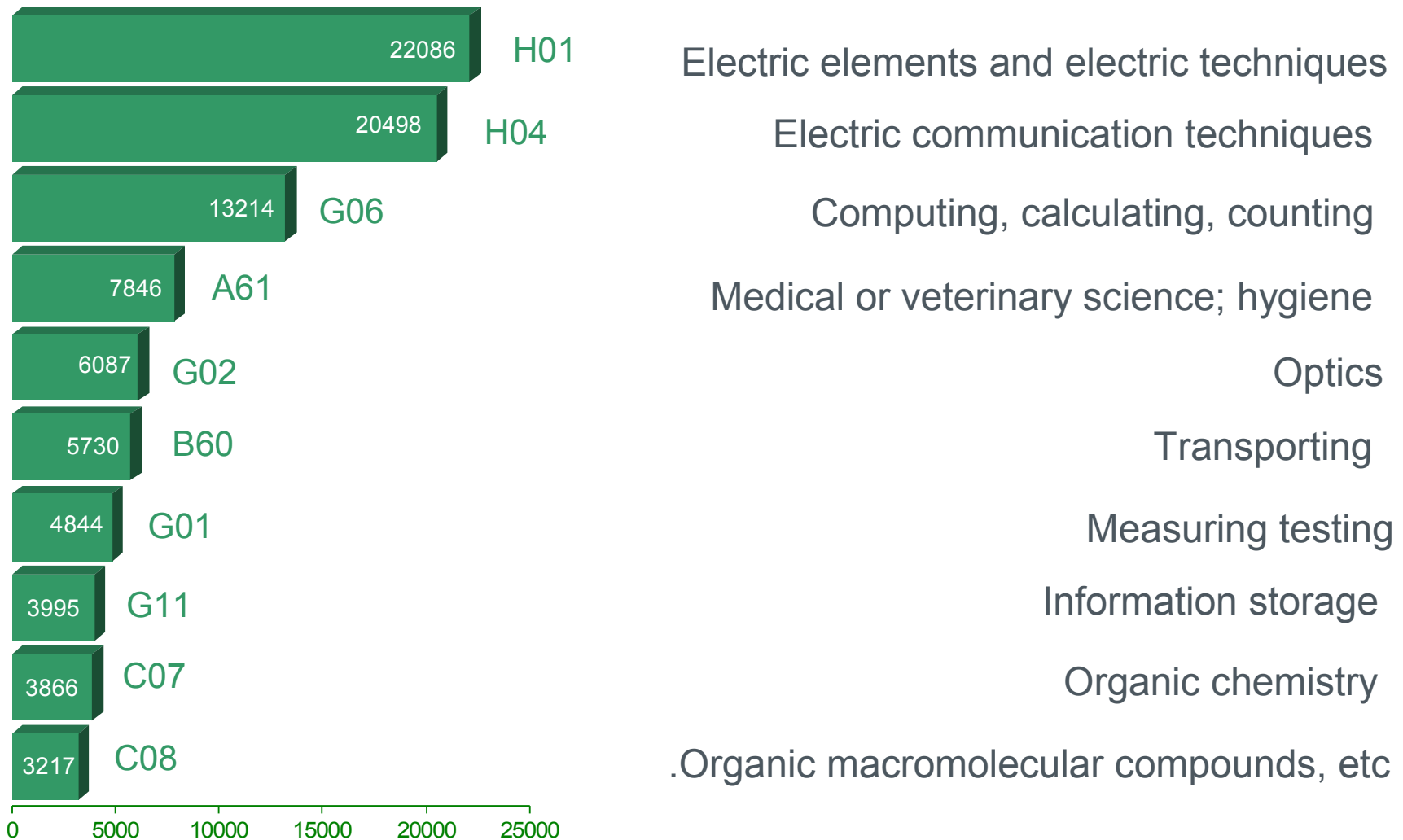
# Top IPCs in China (applications 2007)



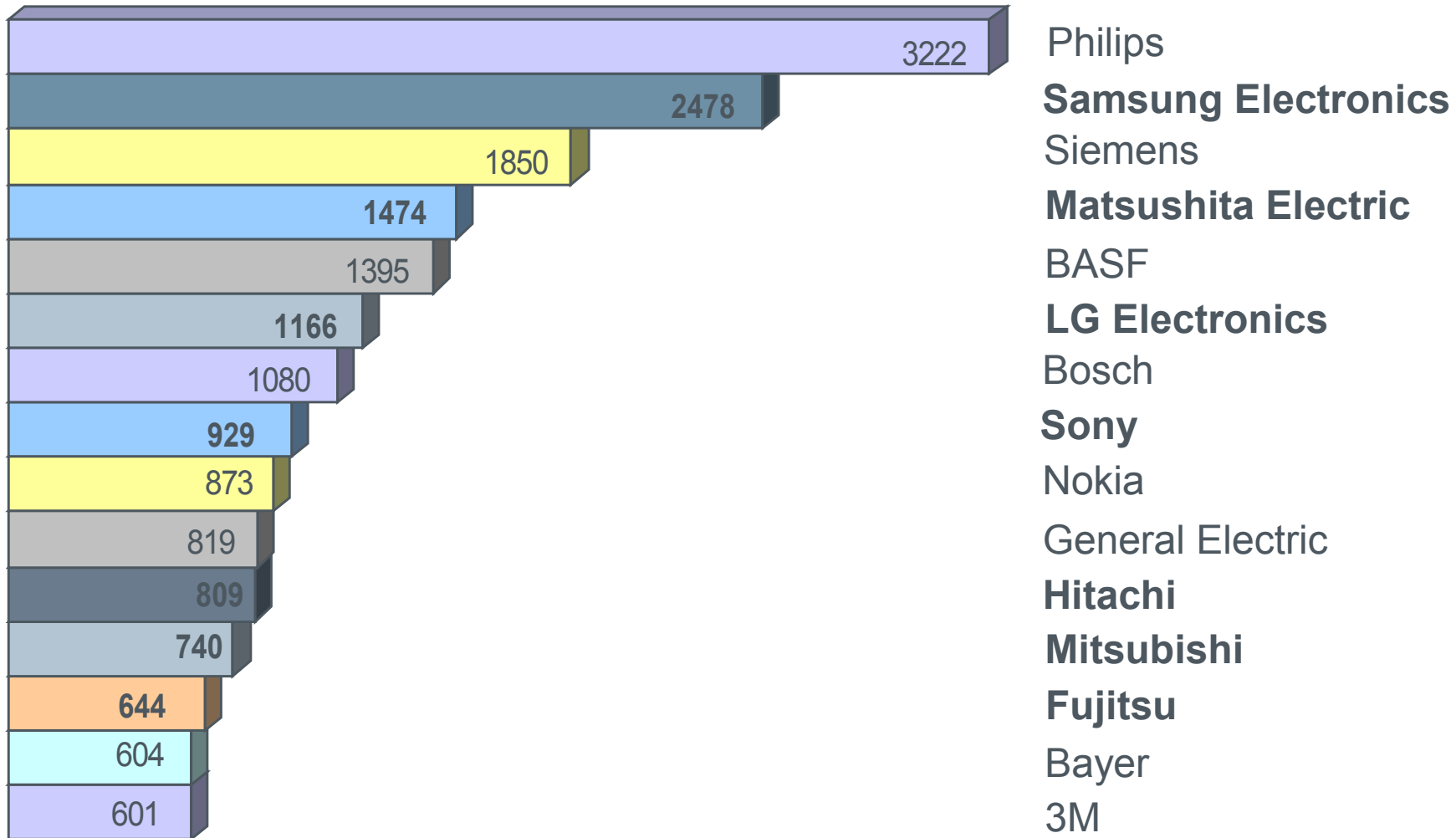
# Top technical fields in Japan (2006)



# Top IPCs in Korea (applications 2007)



# Top applicants at the EPO (2007)





# Why bother with East Asian patent data?

- ❑ Rapid growth of documentation
  - including domestic only (i.e. with no English language family members)
- ❑ High activity in key technical fields
- ❑ Major corporate players in East Asia
  - especially Japan & Korea (e.g. Matsushita, Samsung, Sony, LG, etc.)

# China, Japan, Korea

## Searching original language databases

### Key questions:

- ☐ Why bother with East Asian patent data?
- ☐ **English data: what are we missing?**
- ☐ Can we overcome the language barriers?
- ☐ How to make the most of original language databases
- ☐ Meeting the challenge: what the EPO does to help

# English data - time delay

The screenshot displays the SIPO (State Intellectual Property Office of the P.R.C.) Patent Search interface. The header includes the SIPO logo and the text 'STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.C.'. A navigation bar contains links: HOME, ABOUT SIPO, NEWS, LAW& POLICY, SPEICAL TOPIC, and CHINA IP NEWS. A search bar at the top right shows 'Time of search: 10 October 2008'. Below the navigation bar, there are sorting options: 'Sort By' with a dropdown menu set to 'Publication Number', a 'DESC' button, and a 'Help' link. A section titled 'Please Choose DataBase' has two checked checkboxes: 'Invention' and 'Utility Model'. On the left side, there is a sidebar with radio buttons for 'Patent Search', 'Statistics', 'Patent Application', 'Patent Examination', and 'Layout Designs of Integrated Circuits'. The main search area contains a grid of input fields for various search criteria: A. Publication Number, B. Publication Date (circled in red with the value '200807'), C. Application Number, D. Application Date, E. Title, F. Abstract, G. IPC (with the value 'A61K8'), H. Applicant, I. Inventor, J. Patent Agent, K. Patent Agency Code, and M. Province/Country Code. A modal dialog box with a red border is overlaid on the search results, displaying the message 'Message: No Result' and a 'Back' button. At the bottom right, there are 'Search' and 'Clear' buttons.

SIPO  
STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.C.

HOME ABOUT SIPO NEWS LAW& POLICY SPEICAL TOPIC CHINA IP NEWS

Sort By Publication Number DESC Help

Please Choose DataBase ☒ Invention ☒ Utility Model

Patent Search  
Statistics  
Patent Application  
Patent Examination  
Layout Designs of Integrated Circuits

A. Publication Number B. Publication Date 200807  
C. Application Number D. Application Date  
E. Title F. Abstract  
G. IPC A61K8 H. Applicant  
I. Inventor J. Patent Agent  
K. Patent Agency Code  
M. Province/Country Code

Message:  
No Result  
Back

Search Clear

# English data - time delay

**SIPO**  
STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.C.

HOME ABOUT SIPO NEWS LAW& POLICY SPEICAL TOPIC CHINA IP NEWS

Time of search: 10 October 2008

Sort By Publication Number DESC Help

Please Choose DataBase ☒ Invention ☒ Utility Model

most current English data available in this source is from March 2008!

B. Publication Date 200803

C. Application Number D. Application Date

E. Title F. Abstract

All:14 Invention:14 Utility Model:0

SN	Applcation Number	Title
1	200610015458	Effective antiperspirant
2	200610015455	Specific wrinkle removing agent
3	200610068731	Application of ginkgo genin flavone in cosmetic
4	200610015489	Agent for beautifying nail
5	200610015490	Agent for extremity warm bath
6	200610015457	Skin periostacum remover
7	200610015503	Specific depilatory
8	200610015505	Organic calcium thermal bath agent
9	200580048949	Cosmetic composition enriched with 1H216O
10	200610027597	Nanometer toothpaste

(source: SIPO's Patent Search, www.sipo.gov.cn/sipo\_English/)

# English data - time delay

Refine Search

All:14

- Patent Search
- Statistics
- Patent Application
- Patent
- Layout
- Integr

SN	Application Number
1	200610015458
2	200610015455
3	200610068731
4	200610015489

- approx. 3-4 months time lag for English abstract data
- some sources are only updated quarterly (additional time lag!)

**Title: Effective antiperspirant**

Application Number	200610015458	Application Date	2006.08.28
Publication Number	101134002	Publication Date	2008.03.05
Priority Information			
International Classification	A61K8/26;A61Q15/00		
Applicant(s) Name	Tianjin Wealth Bioengineering Science and Technology Co., Ltd.		
Address			
Inventor(s) Name	Song Guoqiang		
Patent Agency Code	Patent Agent		
<b>Abstract</b>			
The present invention relates to a specific perspiration-inhibiting agent for inhibiting diaphoresis of human skin. It is made up by using aluminium hydroxychloride, talcum powder and anhydrous silicic acid as main components through a certain preparation process.			

# English abstracts - gaps in coverage

**CHINA PATENT DATABASE** CPIC Instance Help Declaration 中文

2008-10-10 Friday

TABLE ADVANCE

Table Search

Application Type: ☒ Invention ☒ Utility Model ☒ Design

Application Number [A]  Title [B]

Publication Number [C]  Publication Date [D]

IPC [E]  Applicant(s) [F]

Application Date [G]  Inventor(s) [H]

Topic [I]  ☐ Key Words Abstract [J]

Priority Country [O]  [List] Priority [L]

Announcement Number [M]  Announcement Date [N]

Above default value of each field is "AND", you can use the below "Connect line" using other logic.

Connect Line  + - \* ( )

Number of Results: Display  results per page.

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# English abstracts - gaps in coverage

**CHINA PATENT DATABASE** CPIC Instance Help Declaration 中文

2008-10-10 Friday

TABLE ADVANCE

Search: TITLE/AB/KW Search ☐ Search In Result

Sorted By: publication  
Statistic : IPC Cour

Hits 238 out of 233

NO	application number	CHINA PATENT INFORMATION CENTER	CHINA PATENT DATABASE
1.	200520065221	<p>[Figure] [Publication Desc] Publication Text</p> <p>Application Number: 200520065221</p> <p>Publication Number:</p> <p>Grant Date: 2006-11-29</p> <p>Application Type: <b>Utility Model</b></p> <p>Agency Code: 44218</p> <p>Applicant Address:</p> <p>Postcode: 518052</p> <p>Title: <b>Multi-colour semiconductor digital-code tube</b></p> <p>IPC: G09F 9/33</p> <p>Applicant(s): Zhu Wangli</p> <p>Inventor(s): Zhu Wangli</p> <p>Abstract:</p>	<p>Application Date: 2005/09/30</p> <p>Announcement Number: 2842628</p> <p>Granted Pub. Date: 2006-11-29</p> <p>State/Country: 94[]</p> <p>Agent(s): hu qingfang</p> <p>Field Classification:</p>
2.	200520081032		
3.	03276677		
4.	02248278		
5.	02211815		
6.	01238855		
7.	99226685		

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- utility models have no English abstracts
- English bibliographic data only
- bear in mind when doing keyword searches!

# English abstracts - gaps in coverage

## Patent Abstracts of Japan (PAJ)

**WATERPROOF AND BREATHABLE SOLE FOR SHOES**

Bibliographic data	Description	Claims		
<b>Publication number:</b> JP2005532102T <b>Publication date:</b> 2005-10-27 <b>Inventor:</b> <b>Applicant:</b> <b>Classification:</b> - international: A43B13/38; A43B13/00; A43B13/14; A43D23/00; B29D31/515; B29D31/00; A43B7/00; A43B13/02; A43B13/14; A43D86/00; B29D31/00; A43B13/14; A43D25/00 - European: A43B7/12B; B29D31/00 <b>Application number:</b> JP20040518730T 20				

**Searching PAJ**

**MENU** **NEWS** **HELP**

**Number Search** For 'Text Search', please click on the right button. **Text Search**

**Enter Number** --- e.g. 07-123456 2000-123456

Please input a **SPACE** between each keyword when you use more than one keyword.

☐ Application number 
 ☒ Publication number 
 ☐ Patent number 
 ☐ Appeal/trial number

2005-532102

**Search** **Stored data**

### gaps in PAJ coverage:

- utility models, granted patents, PCT applications
- certain IPCs & foreign priority applications before 1990



# English abstracts - gaps in coverage

**KIPRIS** K2E-PAT Patent | Design | Trademark | KPA | Search Guide | Other Service | KIPRIS

**KPA**

Advanced search | KPA SEARCH

Kind

(71)Applicant	<input type="text" value="ex) samsung"/>	(72)Inventor	<input type="text" value="ex) kiminho"/>
(11)Publication(Reg.) No.	<input type="text" value="ex) 1020000001010, (100143812)"/>	(43)Publication Date	<input type="text" value="ex) 20040301~20040323"/>
(21)Application No.	<input type="text" value="ex) 1019980023646"/>	(22)Application Date	<input type="text" value="ex) 20040301~20040323"/>
			<input type="text" value="ex) US96628428"/>
			<input type="text" value="key*(keypad+keyboard)"/>
			<input type="text" value="ex) LCD*monitor"/>

Search Clear

Korean Patent Abstracts (KPA)

## gaps in KPA coverage:

- non-Korean applications before 2000
- foreign priority PCTs before 2000
- utility models

### ► Data Coverage of KPA

(Last Update : Sep. 30, 2008)

Kind	Publication date	Number of records
Examined	Jan. 1, 1979 ~ Jun. 24, 2008	288,612
Unexamined	Feb. 1, 1999 ~ Jun. 30, 2008	980,729

(source: KIPRIS database, <http://eng.kipris.or.kr/>)

# English data - what are we missing?

## ❑ time delay

- English abstract data delayed by approx. 3-4 months
- some English sources are only updated quarterly

## ❑ gaps in current coverage

- no English abstracts for utility models (China, Japan, Korea)
- certain patent document types not covered (e.g. grants & early grants in Japan)

## ❑ backfile data incomplete

- certain IPCs missing (Japan)
- foreign priority documents not covered (China, Japan, Korea)
- PCT documents not covered (China, Japan, Korea)

## ❑ English abstracts often very brief (China)

# China, Japan, Korea

## Searching original language databases

### Key questions:

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- ☐ **Can we overcome the language barriers?**
- ☐ How to make the most of original language databases
- ☐ Meeting the challenge: what the EPO does to help

# Machine translation

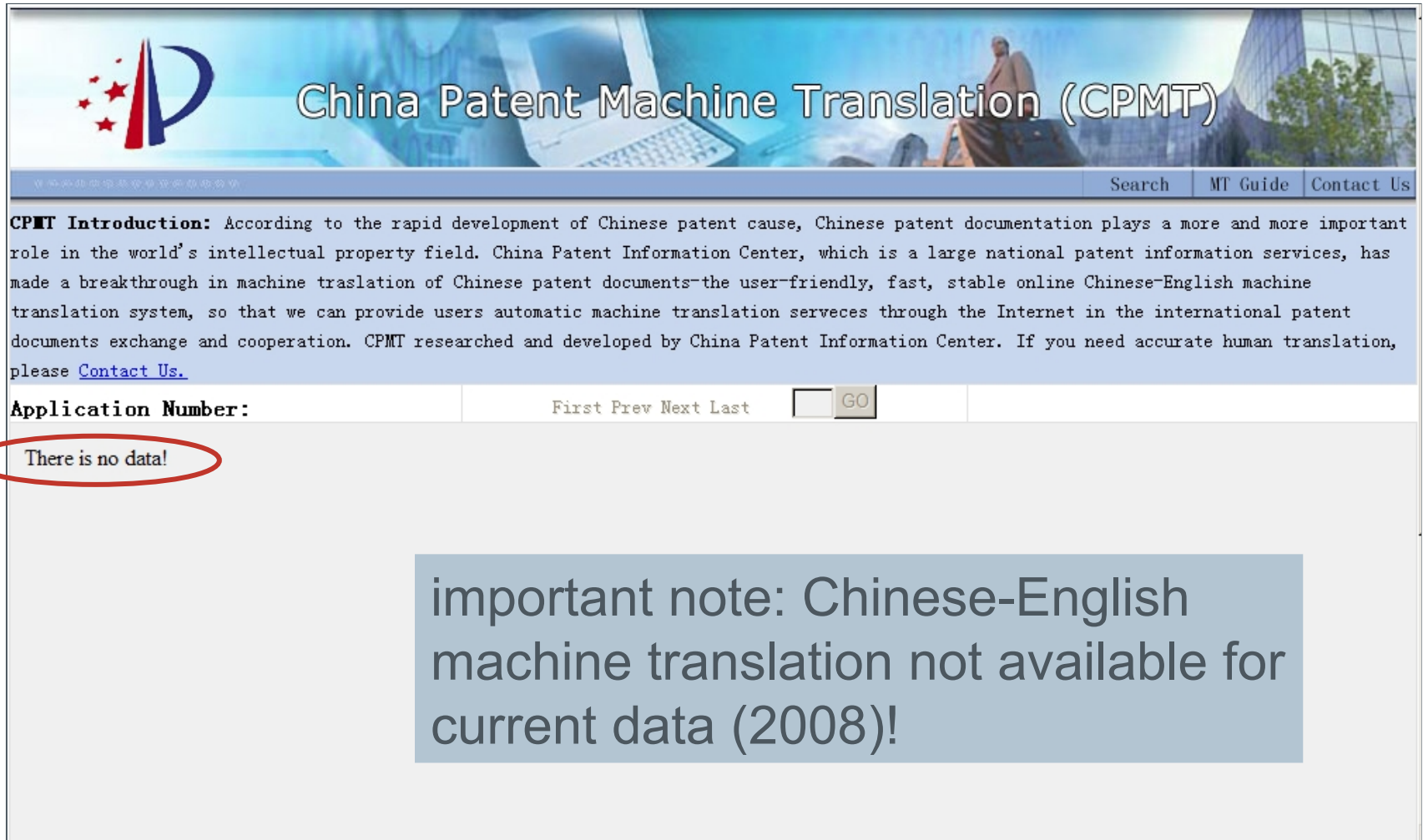
NEW since April 2008:  
SIPO's Chinese-English  
machine translation (free)

The screenshot shows the SIPO (State Intellectual Property Office of the P.R.C.) Patent Search interface. A red box highlights the message: "China patent machine translation system(CPMT) is open!". Below this, a patent record is displayed with the following details:

Application Number	200610015458	Application Date	2006.08.28
Publication Number	101134002	Publication Date	2008.03.05
Priority Information			
International Classification	A61K8/26;A61Q15/00		
Applicant(s) Name	Tianjin Wealth Bioengineering Science and Technology Co., Ltd.		
Address			
Inventor(s) Name	Song Guoqiang		
Patent Agency Code	Patent Agent		
Abstract			
The present invention relates to a specific perspiration-inhibiting agent for inhibiting diaphoresis of human skin. It is made up by using aluminium hydroxychloride, talcum powder and anhydrous silicic acid as main components through a certain preparation process.			
<div>Machine Translation</div> <div>Close</div>			

(source: SIPO's Patent Search, [www.sipo.gov.cn/sipo\\_English/](http://www.sipo.gov.cn/sipo_English/))

# Machine translation



**China Patent Machine Translation (CPMT)**

[Search](#) [MT Guide](#) [Contact Us](#)

**CPMT Introduction:** According to the rapid development of Chinese patent cause, Chinese patent documentation plays a more and more important role in the world's intellectual property field. China Patent Information Center, which is a large national patent information services, has made a breakthrough in machine translation of Chinese patent documents—the user-friendly, fast, stable online Chinese-English machine translation system, so that we can provide users automatic machine translation services through the Internet in the international patent documents exchange and cooperation. CPMT researched and developed by China Patent Information Center. If you need accurate human translation, please [Contact Us](#).

**Application Number:**  [First](#) [Prev](#) [Next](#) [Last](#)

There is no data!

important note: Chinese-English machine translation not available for current data (2008)!

# Machine translation




[HOME](#)
[ABOUT SIPO](#)
[NEWS](#)
[LAW& POLICY](#)
[SPEICAL TOPIC](#)
[CHINA IP NEWS](#)

**Title: Hair cosmetic**

Application Number	200380104303	Application Date	2003.11.20
Publication Number	1717215	Publication Date	2006.01.04
Priority Information	JP342404/20022002/11/26		
International Classification	A61K8/49;A61Q5/12		
Applicant(s) Name	KAO Corp.		
Address			
Inventor(s) Name	Kamiyama Kenichi;Tada Michiko		
Patent Agency Code	11245	Patent Agent	long chun

**Abstract**

A cosmetic hair preparation of a non-washing-off type which comprises (a) malic acid or a salt thereof, (b) lactic acid or a salt thereof, and (c) an organic solvent selected from the group consisting of an aromatic alcohol, N-alkylpyrrolidone, alkylene carbonate, polypropylene glycol, lactone, and cyclic ketone. The cosmetic hair preparation essentially modifies the hair and is highly effective in improving the hair in gloss, suitability for setting, and touch.

[Machine Translation](#)
[Close](#)

# Machine translation



**CPMT Introduction:** According to the rapid development of Chinese patent cause, Chinese patent documentation plays a more and more important role in the world's intellectual property field. China Patent Information Center, which is a large national patent information services, has made a breakthrough in machine translation of Chinese patent documents—the user-friendly, fast, stable online Chinese-English machine translation system, so that we can provide users automatic machine translation services through the Internet in the international patent documents exchange and cooperation. CPMT researched and developed by China Patent Information Center. If you need accurate human translation, please [Contact Us](#).

Applica

The technical field

It obtains the anti type hair cosmetic composition that washes that improves to the invention relates to hairy glossiness, regularity, sense of touch.

The background art

In recent years, because of chemical processing such as hair dye and the influence of physical disposal such as dry, because of the angleplied laminate on hair surface is peeled off, the outflow of the inside lipid of hair causes the inside phenomenons such as cavityzation of hair, the result result in the hair dry and soft fluffy and disorderly, carding nature is poor, the hair is irregular, tarnish.

polypro

to 1/10

For giving the hair regularity, preventing dry and soft fluffy and disorderly, now mainstream anti washes the gel commodity etc. that the type hair cosmetic composition has the emulsification class commodity such as hair-cream type of the content of wax, higher alcohols, surfactant etc. or contains film forming polymer (design polymer). This type of hair cosmetic composition makes hair surface adhesion grease or polymer. can temporarily solve poor. the dry and soft fluffy and disorderly problem of regularity,

- scope of CPMT: 1985 to mid-2007
- patchy coverage for 2nd half of 2007
- no machine-translated data for 2008

on of hair hair quality, acts on the hair and technique of using specific organic acid and e, specially opens flat 6-172131 communique, o special opening). They are with hard and hair

The invention provides the anti type hair cosmetic composition that washes that contains following composition (a) (c), and composition (a) (c) does



# Machine translation

<div> <div>DETAIL</div> <div>JAPANESE</div> <div>LEGAL STATUS</div> </div>		
<b>PATENT ABSTRACTS OF JAPAN</b>		
(11)Publication number : <b>2004-189727</b> (43)Date of publication of application : <b>08.07.2004</b>		
(51)Int.Cl.	<b>A61K 7/06</b>	
(21)Application number : <b>2003-388913</b>	(71)Applicant : <b>KAO CORP</b>	
(22)Date of filing : <b>19.11.2003</b>	(72)Inventor : <b>KAMIYAMA KENICHI TADA MICHIKO</b>	
(30)Priority		
Priority number : <b>2002342404</b>	Priority date : <b>26.11.2002</b>	Priority country : <b>JP</b>
(54) <b>HAIR COSMETIC</b>		
(57)Abstract:		
PROBLEM TO BE SOLVED: To provide a non-washed away type hair cosmetic modifying the hair substantially, improving the lust of hair and settling property, and excellent in touch feeling SOLUTION: This non-washed away type hair cosmetic contains (a) malic acid or its salt, (b) lactic acid or its salt and (c) an organic solvent selected from a group consisting of an aromatic alcohol, an N-alkylpyrrolidone, an alkylene carbonate, a polypropylene glycol, a lactone and a cyclic ketone.		



# Machine translation

JAPANESE [JP,2004-189727,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRO  
THE INVENTION TECHNICAL PROBLEM MEANS EXAMP

on-the-fly machine translation  
section by section!

JPO and INPIT are not responsible for any  
damages caused by the use of this translation.

- 1.This document has been translated from the original precisely.
- 2.\*\*\*\* shows the word which can be used in the original.
- 3.In the drawings, any words are not translated.

## CLAIMS

[Claim(s)]

[Claim 1]

following ingredient (a) - (c)

(a) Malic acid or its salt

(b) Lactic acid or its salt

(c) An organic solvent chosen from alkyl pyrrolidone, alkylene carbonate, ketone

## DETAILED DESCRIPTION

[Detailed Description of the Invention]

[Field of the Invention]

[0001]

This invention relates to the hair cosmetics of the type which is not flushed which raise the gloss of hair, settlement nature, and a feel.

[Background of the Invention]

[0002]

In recent years under the influence of the chemical treatment by hair coloring etc., and the physical processing by blow etc. Exfoliation of the cuticle on the surface of hair, the cavitation inside the hair by the outflow of the inside lipid of hair, etc. take place, and it is said that that hair is not collected and that gloss is lost arise as PASA \*\*\*\* and a finger as a result with bad hair.

unexamined publications (P, U) from 1993  
examined/granted publications (P, U) from 1994  
PCT publications from 1996

now, In order to be  
ere are gell etc. which  
type which made a  
at formation polymer  
s and oils and polymer  
a bedness of

# Cross-lingual retrieval

**Advanced Search** | Statistics | Util, Model Pub, 464,086 | Help | Search Mask | Quick Menu

Setting Search Field | View Save Query | View Myfolder | ☒ Eng-Kor | ☒ Patent | ☒ Utility model | Status | Entire

**Free Search (Full Text)** | (keyboard+keypad)\*key | and | ex) The case which will search with Sentence :  
(fingerprint\*recognition)  
TL=[fingerprint\*recognition] (※ Sentence  
search scope: Title of invention, Abstract,  
Claim)

**Title of invention(TL)** | | and | ex) recognition system, electronic  
"recognition system"

**Abstract(AB)** | | and | ex) car+clutch  
"data signal"

**Claims(CL)** | | and | ex) ca  
"d"

**IPC(IPC)** | B29C45 | and | ex)

**Application No.(AN)** | | and | ex)

**Unex. Pub. No.(OPN)** | | and | ex)

**Publication No.(PN)** | | and | ex)

**Registration No.(GN)** | | and | ex)

**Priority No.(RN)** | | and | ex) KR2020030030648

**Unex. Pub. Date(OPD)** | | and | ex) 20030101~20030131

**Publication Date(PD)** | | and | ex) 20030101~20030131

**Applicant(AP)  
Name/Code/Address** | | and | ex) Smith,420020038105,  
Seoul

**Inventor(IN)  
Name/Code/Address** | | and | ex) Jane,419990384727,  
Seoul

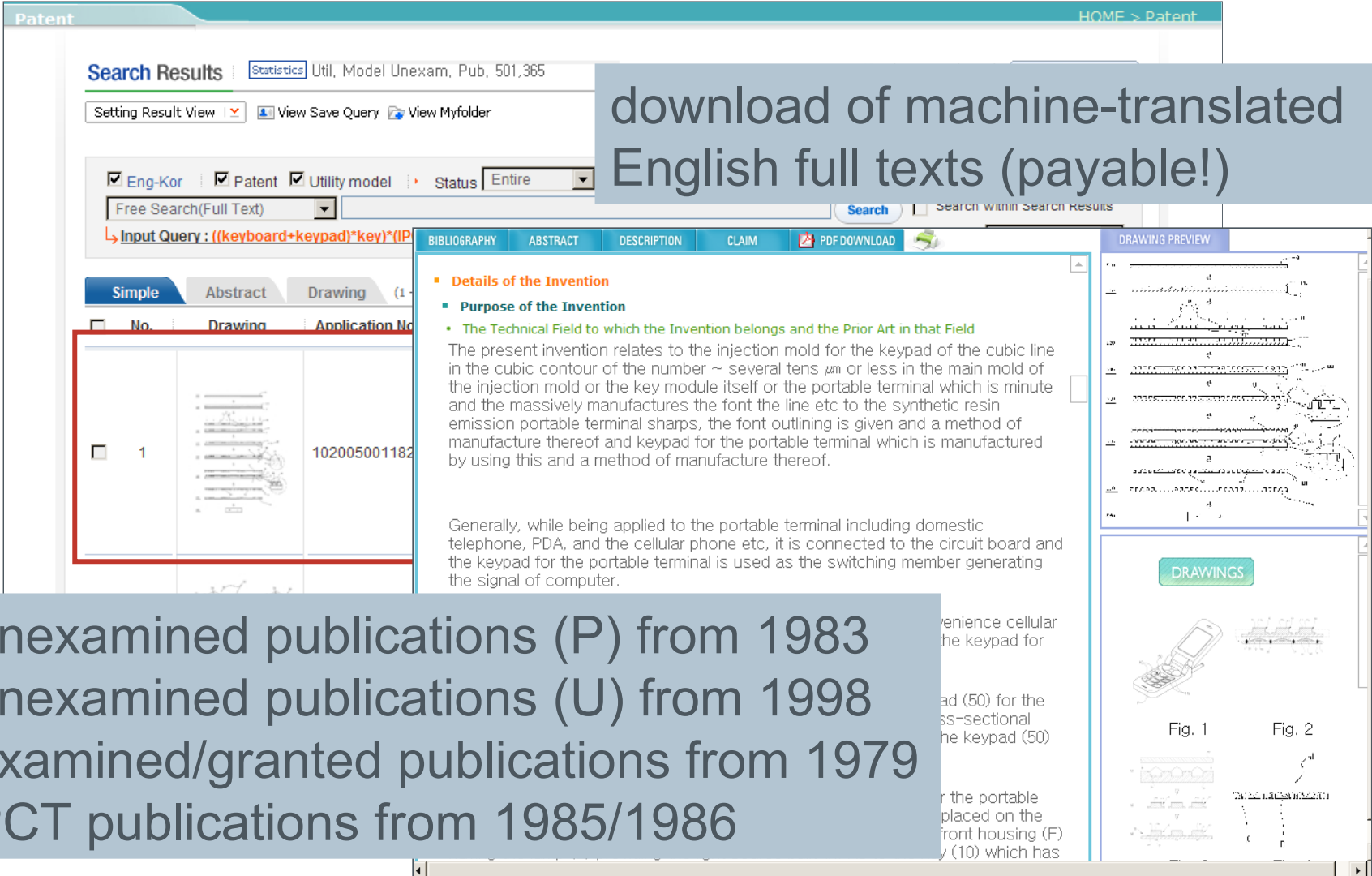
Search Clear

English keywords are automatically translated into Korean -> Korean full texts are searched

# Cross-lingual retrieval / machine translation

download of machine-translated English full texts (payable!)

unexamined publications (P) from 1983  
unexamined publications (U) from 1998  
examined/granted publications from 1979  
PCT publications from 1985/1986



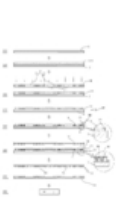
**Search Results** : Statistics Util, Model Unexam, Pub, 501,365

Setting Result View View Save Query View Myfolder

☒ Eng-Kor ☒ Patent ☒ Utility model Status Entire

Free Search(Full Text) Search Search within Search Results

Input Query : ((keyboard+keypad)\*key)\*(IP)

No.	Drawing	Application No.
1		102005001182

**Details of the Invention**

**Purpose of the Invention**

**The Technical Field to which the Invention belongs and the Prior Art in that Field**

The present invention relates to the injection mold for the keypad of the cubic line in the cubic contour of the number ~ several tens  $\mu\text{m}$  or less in the main mold of the injection mold or the key module itself or the portable terminal which is minute and the massively manufactures the font the line etc to the synthetic resin emission portable terminal sharps, the font outlining is given and a method of manufacture thereof and keypad for the portable terminal which is manufactured by using this and a method of manufacture thereof.

Generally, while being applied to the portable terminal including domestic telephone, PDA, and the cellular phone etc, it is connected to the circuit board and the keypad for the portable terminal is used as the switching member generating the signal of computer.

**DRAWINGS**

Fig. 1 Fig. 2

# Can we overcome the language barriers?

## ❑ machine translation

- coverage varies (availability of machine-readable data!)
- quality varies (depending on technical areas, complexity of source language)
- user friendliness can vary (download by parts, time-out problems, etc.)

## ❑ cross-lingual patent retrieval

- can help save resources (query translation rather than document translation)
- still at an early technical stage
- can be imprecise (no IPC context to help MT engine)
- might require users to change their search methods

# China, Japan, Korea

## Searching original language databases

### Key questions:

- ☐ Why bother with East Asian patent data?
- ☐ English data: what are we missing?
- ☐ Can we overcome the language barriers?
- ☐ **How to make the most of original language databases**
- ☐ Meeting the challenge: what the EPO does to help

# Bridging the time gap for new data

**中国知识产权网**  
CHINA INTELLECTUAL PROPERTY NETWORK

2008年10月13日 星期一

**专利检索**

☒ 发明专利 ☒ 实用新型 ☒ 外观设计 ☐ 发明授权

☐ 二次检索 ☐ 过滤检索 ☐ 同义词检索 ☐ 保存检索表达式 按字检索 排序：相关性 降序

A: 申请(专利)号	B: 申请日
C: 公开(公告)号	D: 公开(公告)日
E: 名称	F: 摘要
G: 主分类号	H: 分类号
I: 申请(专利权)人	J: 发明(设计)人
K: 优先权	L: 地址
M: 专利代理机构	N: 代理人
P: 国省代码	Q: 权利要求书
R: 说明书	

and or not ( ) >>

字段名称

(A61K8/73 or A61K8/97 or A61K8/49 or A61K8/02)/PIC and (2008.8 to 2008.10)/PD

检索 清除

表达式名称

没有存历史表达式

use IPC profiles to monitor the most recent publications in China



# Bridging the time gap for new data

**CNIPR**  
www.cnipr.com

**专利检索**

中国专利检索

专利检索  
IPC分类检索  
行业分类导航  
法律状态检索  
我的收藏夹

国外专利检索

中国中药专利数据检索

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**专利检索**

发明专利(87) 实用新型(0) 外观设计(0)

申请(专利)号	主分类号	名称
<input checked="" type="checkbox"/> CN200710072067.6	A61K8/97(2006.01)I	一种治疗痤疮的植物精油乳剂
<input checked="" type="checkbox"/> CN200810018901.8	A61K8/97(2006.01)I	凹凸棒金银花牙膏的生产方法
<input checked="" type="checkbox"/> CN200810018904.1	A61K8/97(2006.01)I	凹凸棒儿童牙膏的生产方法
<input checked="" type="checkbox"/> CN200810018905.6	A61K8/97(2006.01)I	凹凸棒生姜牙膏的生产方法
<input checked="" type="checkbox"/> CN200810018906.0	A61K8/97(2006.01)I	凹凸棒野菊花牙膏的生产方法
<input type="checkbox"/> CN200810018907.5	A61K8/97(2006.01)I	凹凸棒两面针牙膏的生产方法
<input type="checkbox"/> CN200810018908.X	A61K8/97(2006.01)I	凹凸棒除烟渍牙膏的生产方法
<input type="checkbox"/> CN200810026701.7	A61K8/97(2006.01)I	一种利用荆芥抑制金黄色葡萄球菌的洗浴剂
<input type="checkbox"/> CN200810045155.1	A61K8/97(2006.01)I	多功能防晒防冻美白润肤保湿霜
<input type="checkbox"/> CN200810050366.4	A61K8/97(2006.01)I	红参提取物制备方法及其护肤产品开发

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☒ 申请(专利)号 ☒ 名称

☒ 主分类号 ☒ 分类号

☒ 申请(专利权)人 ☒ 发明(设计)人

☒ 公开(公告)日 ☒ 公开(公告)号

☒ 专利代理机构 ☒ 代理人

☒ 申请日 ☒ 地址

☒ 摘要 ☒ 国省代码

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A1	申请号	名称	主分类号	分类号	申请(专利)	发明(设计)	公开(公告)	公开(公告)	专利代理	申请日	地址	摘要	国省代码
1	申请号	名称	主分类号	分类号	申请(专利)	发明(设计)	公开(公告)	公开(公告)	专利代理	申请日	地址	摘要	国省代码
2	CN200710072067.6	一种治	A61K8/97(2006.01)I	A61K8/9	东北林业大	祖元刚;付玉	2008.08.06	CN101234071		2007.04.20	150040黑龙江	一种治疗痤疮	黑龙江,23
3	CN200810018901.8	凹凸棒	A61K8/97(2006.01)I	A61K8/9	许盛英	袁长兵;贾	2008.08.06	CN101234072		2008.01.31	211700江苏	本发明公开	江苏,32
4	CN200810018904.1	凹凸棒	A61K8/97(2006.01)I	A61K8/9	许盛英	袁长兵;贾	2008.08.06	CN101234073		2008.01.31	211700江苏	本发明公开	江苏,32
5	CN200810018905.6	凹凸棒	A61K8/97(2006.01)I	A61K8/9	许盛英	袁长兵;贾	2008.08.06	CN101234074		2008.01.31	211700江苏	本发明公开	江苏,32
6	CN200810018906.0	凹凸棒	A61K8/97(2006.01)I	A61K8/9	许盛英	袁长兵;贾	2008.08.06	CN101234075		2008.01.31	211700江苏	本发明公开	江苏,32

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# Bridging the time gap for new data

The screenshot displays the CNIPR (China Intellectual Property Net) website interface. The top navigation bar includes links for Home, About Us, Help Desk, IP in China, Favorite, Latest, and My Account. The main search area features a 'Please Choose Database' section with checkboxes for Invention, Utility Model, and Design. A search form includes fields for Keyword, Item (set to Pub.Num), and a SUBMIT button. To the left, a 'Services' menu lists options like C-pat Search, Patent Translation, Patent Research, Document Delivery, and TCM Patent Search. The right side of the interface shows a detailed patent record for Application Number 200710008692. The record includes bibliographic data such as the Title, Application Number, Publication Number, IPC Class, Applicant, and Inventor. A red box highlights the Abstract, which describes a multi-functional cosmetic cream. The Legal Status section indicates the publication date and status.

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  - ☒ Design
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**Patent Record:**

Application Number: 200710008692

Publication | Img | Eng | **Claims** | Description

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**Bibliographic Data:**

Title: [MT] A kind of multi-functional Cosmetic cream

Application Number: 200710008692 Application Date: 2007.03.13

Publication Number: CN101264049 Publication Date: 2008.09.17

IPC: A61K8/97(2006.01)I;A61Q19/00(2006.01)I;A61Q19/02(2006.01)I;A61Q19/06(2006.01)I

Applicant: [MT] Li Chunfeng

Inventor: [MT] Li Chunfeng

Priority Information:

**Abstract:**

[MT] The patent refers to the field of 'cosmetics, perfumes'. This invention involves the cosmetic field, involve a kind of multi-functional Cosmetic cream specifically, by isopropanol, a pair of palmitate of benzoin tincture, glycerin monostearate, antiscorbutic vitamin, Cimetidine, Indomethacin, comparable to age to fix, vitamin C, Levamisole, diphenhydramine, talc powder, furnace hearth, mix Radix Angelicae Dahuricae to get final product, this Cosmetic cream has special effects to the skin, said product has effects of freckle removing, pox-removing, cares skin, antiinfectious itch stopping, brightening, antiwrinkle, commonly used, it can get effects of making the skin delicate, fair, it is a kind of ideal caring skin, promoting health, aesthetic good merchantable brand, it is the high-efficient, it is the non-toxic, the health products of non side effect, this Cosmetic cream with after red swelling, scale, form a scab, leave by mark, become effective in about ten days, the skin is whiter and whiter after the disease is cured.

**Legal Status:**

Legal Status Publication Date: 2008.09.17

Legal Status : publication

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abstracts available for  
very recent publications

(source: C-PAT, <http://english.cnipr.com/enpat/>)



# Going beyond English abstracts

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-212053

(43)Date of publication of appl

use F-terms to search the  
full Japanese patent and  
utility model documentation  
without time lag

(51)Int.Cl.

A61K 7/48  
A61K 7/00  
A61K 7/02  
A61K 31/07  
A61K 31/455  
A61P 17/16  
A61P 43/00

(21)Application number : 2002-212053

(22)Date of filing : 2002.7.31

(19)日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11)特許出願公開番号

特開2002-212053

(P2002-212053A)

(43)公開日 平成14年7月31日(2002.7.31)

(30)Priority

Priority number : 1996 01  
1996 02  
1996 02

(51)Int.Cl.<sup>7</sup>

識別記号

F I

テーマコード\* (参考)

A 6 1 K 7/48  
7/00

A 6 1 K 7/48  
7/00

C 4 C 0 8 6  
D 4 C 2 0 6

Z

(54) METHOD FOR REG

(57)Abstract:

PROBLEM TO BE SOLVED  
discontinuities associated w  
SOLUTION: A topical comp  
composition for regulating  
composed of retinol, retiny

7/02  
31/07

7/02  
31/07

審査請求 有 請求項の数 2 O L (全 26 頁) 最終頁に続く

(21)出願番号 特願2001-375798(P2001-375798)

(71)出願人 592043805

(62)分割の表示 特願平9-538264の分割

ザ、プロクター、エンド、ギャンブル、カ  
ンパニー

(22)出願日 平成9年4月23日(1997.4.23)

(source: JPO's IPDL, [www.ipdl.inpit.go.jp/homepg\\_e.ipdl/](http://www.ipdl.inpit.go.jp/homepg_e.ipdl/))

# Search using F-terms

## Patent Map Guidance

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STEP 1: find relevant F-term theme (use IPC -> FI -> F-term concordance)

### • Inquiry

Click "FI" or "F-term". Or input

Query

• [FI](#)

e.g. : A61K A61

• [F-term](#)

e.g. : 5B 5B001

Indication type selection is effective

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[Revision Information \(Japanese only\)](#)

\*\* FI (List Indication) \*\*

This screen shows all FIs contained in the main group "A61K8/00".

- [8/00](#) Cosmetics or similar toilet preparations (casings or accessories for storing or handling of solid or pasty toilet or cosmetic substances) (Notes) / (Index) 4C083  
A45D 40/00 [8]
- [8/02](#) ... characterised by special physical form [8] (Notes) / (Index) 4C083
- [8/03](#) ... Liquid compositions with two or more distinct layers [8] 4C083
- [8/04](#) ... Dispersions; Emulsions [8] 4C083
- [8/06](#) ... Emulsions [8] 4C083
- [8/11](#) ... Encapsulated compositions [8] 4C083
- [8/14](#) ... Liposomes [8] 4C083
- [8/18](#) ... characterised by the composition [8] (Notes) / (Index) 4C083
- [8/19](#) ... containing inorganic ingredients [8] 4C083
- [8/20](#) ... Halogens; Compounds thereof [8] 4C083
- [8/21](#) ... Fluorides; Derivatives thereof [8] 4C083
- [8/22](#) ... Peroxides; Oxygen; Ozone [8] 4C083
- [8/23](#) ... Sulfur; Selenium; Tellurium; Compounds thereof [8] 4C083
- [8/24](#) ... Phosphorus; Compounds thereof [8] 4C083
- [8/25](#) ... Silicon; Compounds thereof [8] 4C083
- [8/26](#) ... Aluminium; Compounds thereof [8] 4C083
- [8/27](#) ... Zinc; Compounds thereof [8] 4C083
- [8/28](#) ... Zirconium; Compounds thereof [8] 4C083
- [8/29](#) ... Titanium; Compounds thereof [8] 4C083
- [8/30](#) ... containing organic compounds [8] 4C083
- [8/31](#) ... Hydrocarbons [8] 4C083
- [8/33](#) ... containing oxygen [8] 4C083
- [8/34](#) ... Alcohols [8] 4C083
- [8/35](#) ... Ketones, e.g. quinones, benzophenone [8] 4C083
- [8/36](#) ... Carboxylic acids; Salts or anhydrides thereof [8] 4C083

F-term theme

# Search using F-terms

4C083		Cosmetics					
		A61K8/00-8/99;A61Q1/00-99/00					
AA	AA00	AA01	AA02	AA03			AA07
	NATURAL INGREDIENTS AND INGREDIENTS WITH UNKNOWN STRUCTURES AND COMPOSITIONS	. Materials with unknown structures and compositions*	. Natural materials	. . Materials derived			. . Materials from
		AA11	AA12			AA15	
		. . Materials from plants*	. . . Natural waxes, waxes, fats and oils from plants			. . Materials from minerals	
AB	AB00	AB01		AB03		AB05	AB06
	INORGANIC INGREDIENTS	. Inorganic acids		. Inorganic bases, hydroxides		. Water	. Oxygen
		EE	EE00	EE01		EE03	
		EFFECTS		. Relating to stability		. Relating to qualities	
				EE11	EE12	EE13	EE14
				. Effects on skin, scalp	. . Protection, activation of skin, scalp	. . Curing of skin, scalp	. . . Pimple treatments
				EE21	EE22	EE23	EE24
				. Effects peculiar to hair	. . Hair growing (Hair restoration, hair growth, hair loss prevention)	. . Anti-dandruff	. . Gray hair prevention
AC	AC00	. Hydrocarbons (with the exception of polymers)	. . Liquid paraffins, squalanes	. . Cyclic hydrocarbons		. Oxygen-containing compounds	. . Alcohols (Phenols AC47)
	ORGANIC INGREDIENTS CHARACTERIZED BY ELEMENTS						. . . Monohydroxylic alcohols (Aliphatic alcohols)
		AC11	AC12	AC13		AC15	AC17
		. . . Polyhydroxylic alcohols	. . . Glycerines, 1, 3- BG, PG	. . . . Sugar alcohols		. . . Aromatic alcohols	. . Ethers

STEP 2: identify relevant term codes

# Search using F-terms

STEP 3: create search query with theme code and term codes

## FI/F-term Search

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### Data Type

This choice can be omitted. (When you have no check, all Data Types are chosen.)

☐ Patent ☐ Examined utility model registration ☐ Patent specification ☐ Examined utility model specification

### Theme --- e.g. 2C001

Enter a F-term Theme in the box below.

4C083

### Publication Date --- e.g. 20010101-20031231

You can specify a range of Publication Date to narrow your search.  
This choice can be omitted.

From:  - To:

### FI/F-term/facet --- e.g. AA01+[A63F9/22-ZAA]

Enter the query into the box below, up to 500 letters (essential requirement for searching)

Boolean operators : "+" means 'OR' "\*" means 'AND' "-" means 'NOT'.

EE12\*[CC04+CC05+CC06+CC12]\*[DD08+DD11+DD21+DD23]\*AD63.1

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☒ unexamined applications ☐ examined applications

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Search Results 86

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cosmetics

AND

effects (protection of skin)

products (lotion, cream,...)

forms (solid, liquid,...)

organic ingredients (vitamin B)

# Search using F-terms

<p>DOCUMENT 1/86 <b>DOCUMENT NUMBER</b> Publication date order</p> <ol style="list-style-type: none"> <li>1. <a href="#">JP.2008-184445.A</a></li> <li>2. <a href="#">JP.2008-169219.A</a></li> <li>3. <a href="#">JP.2007-254383.A</a></li> <li>4. <a href="#">JP.2007-254374.A</a></li> <li>5. <a href="#">JP.2006-169111.A</a></li> <li>6. <a href="#">JP.2008-507524.A</a></li> <li>7. <a href="#">JP.2006-008538.A</a></li> <li>8. <a href="#">JP.2005-213171.A</a></li> <li>9. <a href="#">JP.2005-179243.A</a></li> <li>10. <a href="#">JP.2005-179219.A</a></li> <li>11. <a href="#">JP.2007-508320.A</a></li> <li>12. <a href="#">JP.2005-053834.A</a></li> <li>13. <a href="#">JP.2007-500678.A</a></li> <li>14. <a href="#">JP.2004-339142.A</a></li> <li>15. <a href="#">JP.2004-339140.A</a></li> <li>16. <a href="#">JP.2004-339138.A</a></li> <li>17. <a href="#">JP.2006-525231.A</a></li> <li>18. <a href="#">JP.2004-323401.A</a></li> <li>19. <a href="#">JP.2004-269523.A</a></li> <li>20. <a href="#">JP.2006-515329.A</a></li> <li>21. <a href="#">JP.2004-238386.A</a></li> <li>22. <a href="#">JP.2006-524187.A</a></li> <li>23. <a href="#">JP.2004-149424.A</a></li> <li>24. <a href="#">JP.2006-504729.A</a></li> <li>25. <a href="#">JP.2003-342124.A</a></li> </ol> <p>BACK NEXT</p>	<p>JAPANESE [JP,2008-184445,A]</p> <p>CLAIMS <a href="#">DETAILED DESCRIPTION</a> <a href="#">TECHNICAL FIELD</a> <a href="#">PRIOR ART</a> <a href="#">EFFECT OF THE INVENTION</a> <a href="#">TECHNICAL PROBLEM</a> <a href="#">MEANS EXAMPLE</a> <a href="#">DESCRIPTION OF DRAWINGS</a> <a href="#">DRAWINGS</a></p>	
<p>* NOTICES *</p> <p>JPO and INPIT damages caused</p> <p>1. This document 2. **** shows the 3. In the drawings</p> <p>CLAIMS</p> <p>[Claim(s)] [Claim 1] (a) Adapalene an composition cont [Claim 2] The external pre to the whole exte [Claim 3] The external pre one mass part of [Claim 4] The external pre and at least one [Claim 5] An external prep lotions, gel, aeros</p>	<p>DOCUMENT 6/86 <b>DOCUMENT NUMBER</b> Publication date order</p> <ol style="list-style-type: none"> <li>1. <a href="#">JP.2008-184445.A</a></li> <li>2. <a href="#">JP.2008-169219.A</a></li> <li>3. <a href="#">JP.2007-254383.A</a></li> <li>4. <a href="#">JP.2007-254374.A</a></li> <li>5. <a href="#">JP.2006-169111.A</a></li> <li>6. <a href="#">JP.2008-507524.A</a></li> <li>7. <a href="#">JP.2006-008538.A</a></li> <li>8. <a href="#">JP.2005-213171.A</a></li> <li>9. <a href="#">JP.2005-179243.A</a></li> <li>10. <a href="#">JP.2005-179219.A</a></li> <li>11. <a href="#">JP.2007-508320.A</a></li> <li>12. <a href="#">JP.2005-053834.A</a></li> <li>13. <a href="#">JP.2007-500678.A</a></li> <li>14. <a href="#">JP.2004-339142.A</a></li> <li>15. <a href="#">JP.2004-339140.A</a></li> <li>16. <a href="#">JP.2004-339138.A</a></li> <li>17. <a href="#">JP.2006-525231.A</a></li> <li>18. <a href="#">JP.2004-323401.A</a></li> <li>19. <a href="#">JP.2004-269523.A</a></li> <li>20. <a href="#">JP.2006-515329.A</a></li> <li>21. <a href="#">JP.2004-238386.A</a></li> <li>22. <a href="#">JP.2006-524187.A</a></li> </ol>	<p>JAPANESE [JP,2008-507524,A]</p> <p>CLAIMS <a href="#">DETAILED DESCRIPTION</a> <a href="#">TECHNICAL FIELD</a> <a href="#">PRIOR ART</a> <a href="#">TECHNICAL PROBLEM</a> <a href="#">MEANS EXAMPLE</a></p> <p>* NOTICES *</p> <p>JPO dam</p> <p>1. Th 2. ** 3. In</p> <p>CLA</p> <p>[Claim(s)] [Claim 1] (1) About 0.001% - about 10% of flavonoid compound, (2) about 0.01% - about 15% of vitamin B 3 compound -- and (3) A dermatologically permissible oil continuous phase career A ***** skin care constituent. [Claim 2] The constituent according to claim 1 which contains further 0.001% - about 15% of vitamin-B6 compound. [Claim 3] The constituent according to claim 1 chosen from a group to which said flavonoid compound changes from substitution flavanones, substituted flavone, substitution CULCON, substitution isoflavone, and these mixtures. [Claim 4] The constituent according to claim 3 chosen from a group to which said flavonoid compound changes from substitution flavanones, substituted flavone, substitution CULCON, substitution isoflavone, and these mixtures.</p>

PCT publications, utility models, granted patents are searched (no English abstracts exist!)

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# Search using F-terms

**特許分類検索**

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☐ 和暦の場合 元号(M明治 T大正 S昭和 H平成) + 和暦年 + 日付 (例) H080101～H081231  
☐ 西暦の場合 (例) 19990101～19991231  
 ～

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 [...]により論理演算順序を優先させる事が出来ます。  
 演算子: (OR), \* (AND), = (NOT) (例: Z0040AA01+[A63F9/22-ZAA])

☒ 表示種別 
☒ 表示指定 ☐ 公開優先 ☐ 公告優先 ☐ 公報優先

TIP: use F-terms profile for searching via Japanese interface

coverage of Japanese F-terms search is approx. 1 month more current than English version

# China, Japan, Korea

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- ☐ Can we overcome the language barriers?
- ☐ How to make the most of original language databases
- ☐ **Meeting the challenge: what the EPO does to help**

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It can be difficult to understand the patent systems or interpret patent information from East Asia correctly, even for people who speak Japanese, Chinese or Korean. We at the EPO offer any support we can to make patent information from Japan, China and Korea more easily accessible and understandable.

Our virtual helpdesk provides answers to the most frequently asked questions on patents and patent information in Japan, China and Korea. You can also find background information on filing trends and granting procedures and some guidance on common patent terminology of East Asian patents.

### Japan

With some 400 000 new applications filed at the Japanese patent office every year, Japanese patent literature simply cannot be ignored in prior art searches. Patent searchers have been aware of the importance of understanding Japanese patent documentation for many years. Still, some country-specific features, like identical numbers for different types of industrial property rights or Japanese imperial years, can present challenges when searching Japanese patents. Find out more about document types and the numbering system in Japan.

### Korea

The Korean patent office is the world's fourth biggest patent office in terms of industrial property applications. In 2007, Korean patent literature became part of the PCT minimum documentation and must be included in patentability searches conducted for PCT applications. Find out more about search possibilities of Korean patents in our "Searching databases" section.

### China

From 2004 to 2005, the Chinese patent office saw an increase of 34% in IP applications and this trend is expected to continue in the coming years. Patent searchers in the West need to familiarise themselves with some of the special features of the Chinese patent system. Find out more about types of industrial property and the granting procedures in China.

[Unanswered questions?](#)  

If you cannot find the answer you are looking for in our FAQ section, you can write to us using our [form](#). If your question is of general interest, and if you agree, we will add it, together with our answer, to the FAQ site.

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### Free patent databases

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Search 60 million patent documents online

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### European patent documents

[European publication server](#)

### Events

[East Meets West in Vienna 2007](#) - proceedings from the forum on patent information from Japan and East Asia

[East meets West 2008](#) announcement

### Publications

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([www.epo.org/patents/patent-information/east-asian/helpdesk.html](http://www.epo.org/patents/patent-information/east-asian/helpdesk.html))



# Giving tips on searching ...

**BIBLIOGRAPHY, ABSTRACT, MAIN CLAIM**

**RESULTS LIST**

**"DETAILS" SCREEN**

**LEGAL STATUS INFORMATION**

**EXPLANATION OF LEGAL STATUS ENTRIES**

**step-by-step guides to using East Asian patent databases**

1. Insert the kind of docu code and the document type click on "Search"

2. Click on the document number link to see the patent abstract of docu

3. Click here to jump to the legal status information

4. Click here to see the "Details" (bibliographic data, legal status information etc.)

5. Click here to see the legal status information

6a. Alternatively, scroll down to see the legal status information

7. Copy and paste the Korean characters of the legal status description into a translation engine that supports Korean

Note: Here you find the numerical code, the effective date and the description of the legal status event. For an explanation of the numerical codes see the next slides.

Tip: In some cases you get better machine translations by translating into Japanese first: Korean → Japanese → English

1: application  
2: registration  
3: applicant/agent  
4: certification issued  
5: international application  
6: trial

1: accepted  
2: dispatched

# Bringing East and West together ...



**East meets West in Vienna**  
**next event: 23 - 24 April 2009**

([www.epo.org/emw2009.html](http://www.epo.org/emw2009.html))

# EPO Vienna

## Your gateway to East Asia

[asiainfo@epo.org](mailto:asiainfo@epo.org)

[www.epo.org/patents/patent-information/east-asian.html](http://www.epo.org/patents/patent-information/east-asian.html)

<http://eastmeetswest.european-patent-office.org>

