

# LexisNexis信息资源与高校教学科研共成长

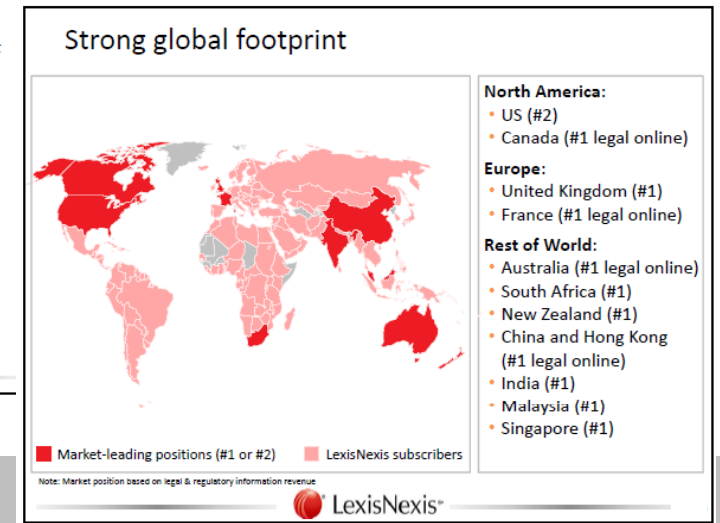
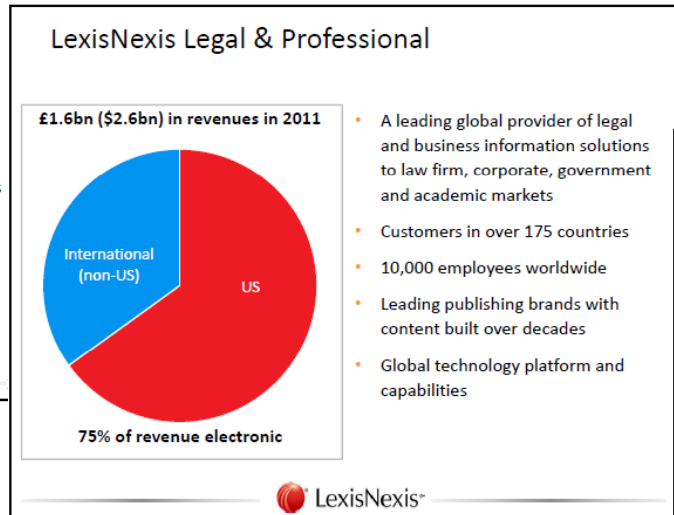
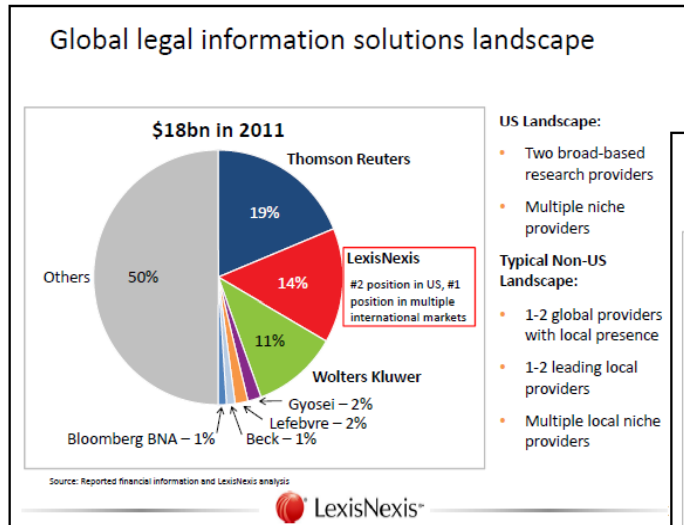
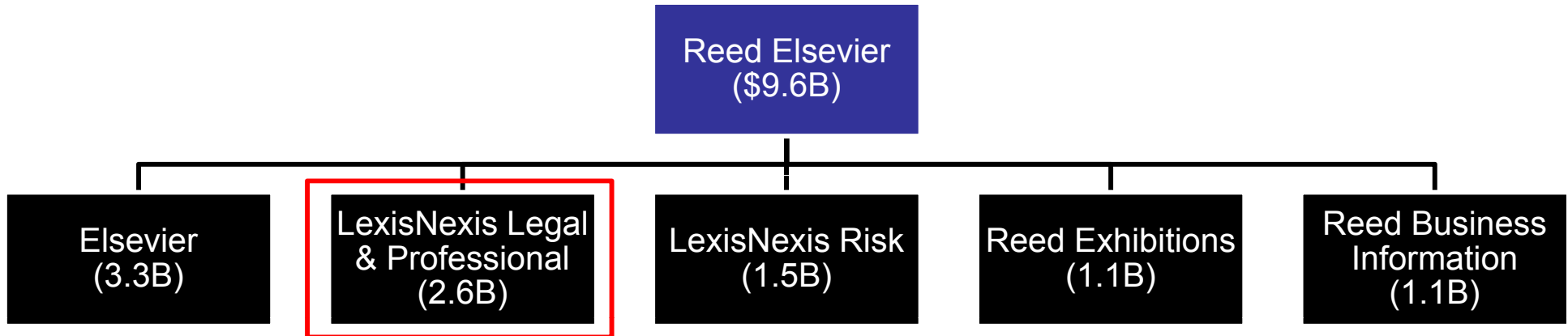
卢宝锋，美国LexisNexis公司

2015年5月

[Peter.lu@lexisnexis.com](mailto:Peter.lu@lexisnexis.com)

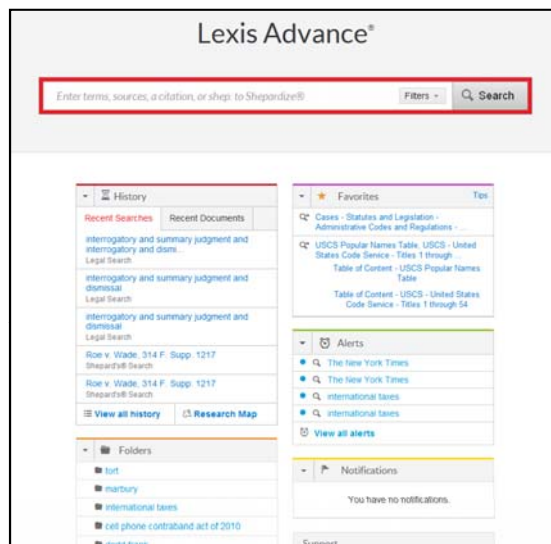
13911030930

010-85208717



**Lexis Advance**  
更加智能的法律研究工具

## ✓ 红色检索框——无需选择资源，在所有内容中灵活检索



This screenshot shows the search results for "citizen suit" in Lexis Advance. The interface includes a search bar at the top, a "Results for: citizen suit" header, and a "Cases (10,000+)" section. A red box highlights the "Snapshot" sidebar on the left, which lists various document types like "Cases", "Statutes and Legislation", and "Administrative Codes and Regulations". Another red box highlights the "Narrow By" section, which includes a "Search Within Results" input field and a "Court" dropdown menu. A third red box highlights the "Court" dropdown menu, which is expanded to show a list of courts and their corresponding result counts. Annotations in Chinese are present: "检索结果分类显示" (Search results classification display) points to the sidebar; "增加检索词, 二次检索" (Add search terms, secondary search) points to the "Search Within Results" field; "检索结果进一步筛选" (Further filter search results) points to the "Court" dropdown; and "调整结果排序" (Adjust result sorting) points to the "Sort by: Relevance" dropdown.

Results for: citizen suit

Cases (10,000+)

Sort by: Relevance

1. ● **Gwaltney of Smithfield v. Chesapeake Bay Found., 484 U.S. 49**

... striking indicia of the prospective orientation of the **citizen suit** is the pervasive use of the pro... about § 505. A **citizen suit** may be brought only for violation of a permit limitation ... with the Act and thus likewise render unnecessary a **citizen suit**. If we assume, as responde... **citizen suits** may target wholly past violations, the requirement of notice to ... and even more disturbing anomaly. The bar on **citizen suits** when governmental enforcement ... under way suggests that the **citizen suit** is meant to supplement rather than to supplant governmental action. ... that it otherwise would not be obliged to take. If **citizens** could file **suit**, months or years later, in order to seek the civil ... enforcement authorities. Respondents' interpretation of the scope of the **citizen suit** would change the nature of the **citizens'** role from interstitial to potentially intrusive. We cannot agree ...

**Overview:** The Clean Water Act (CWA) did not confer federal jurisdiction over a citizen suit brought by an environmental group against a National Pollutant Discharge Elimination System permit holder for wholly past violations of the CWA.

**ev. Fla., 517 U.S. 44**

... unfortunate if the immunity of the individual States from **suits** by **citizens** of other States, provided for in the Eleventh Amendment, ... The United States could not be invoked to protect **citizens** affected by the passage of state laws ... regarding these constitutional ... always permit enforcement of federal law by **suits** for prospective relief against state officers. ... city's position ignores the importance of **citizen suits** to enforcement of federal law. See, e. ... ckmun, J., dissenting) (noting importance of **citizens' suits** under federal environmental ... courts under 28 U.S.C. § 2254 are effectively **suits** against the states. These **suits** pass muster under the Eleventh Amendment because the habeas theory of a civil **suit** against the bad jailer fits perfectly with the Ex parte ...

Jurisdiction  
U.S. Federal  
Court  
Supreme Court  
Date  
Mar 27, 1996

✓ 检索条件筛选——检索前后皆可对管辖范围，内容类型，执业范围等进行限定，也可保存筛选条件，重复使用。

Narrow By: Clear | ☆ ×

**Jurisdiction**

**U.S. Federal** [All](#) | [None](#)

**By Court**

- United States Supreme Court
- Federal Courts of Appeals
- Federal District Courts
- Bankruptcy Courts
- Military Courts
- Other Federal Courts
- Tax Court
- Tribal

**By Circuit**

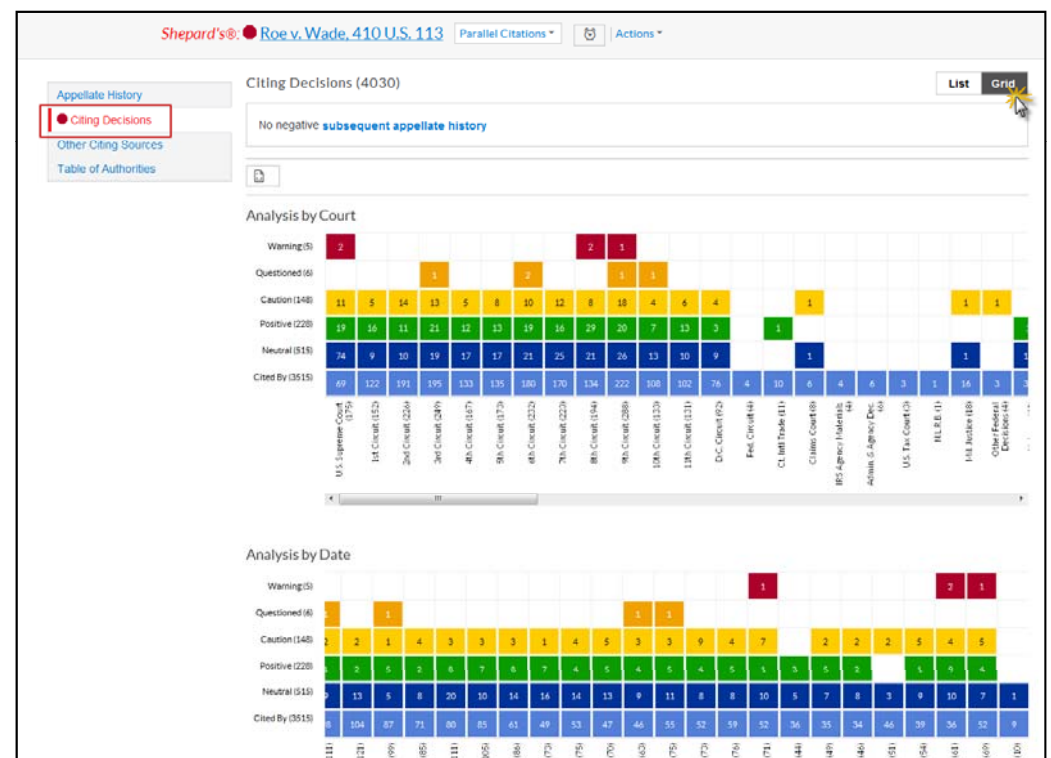
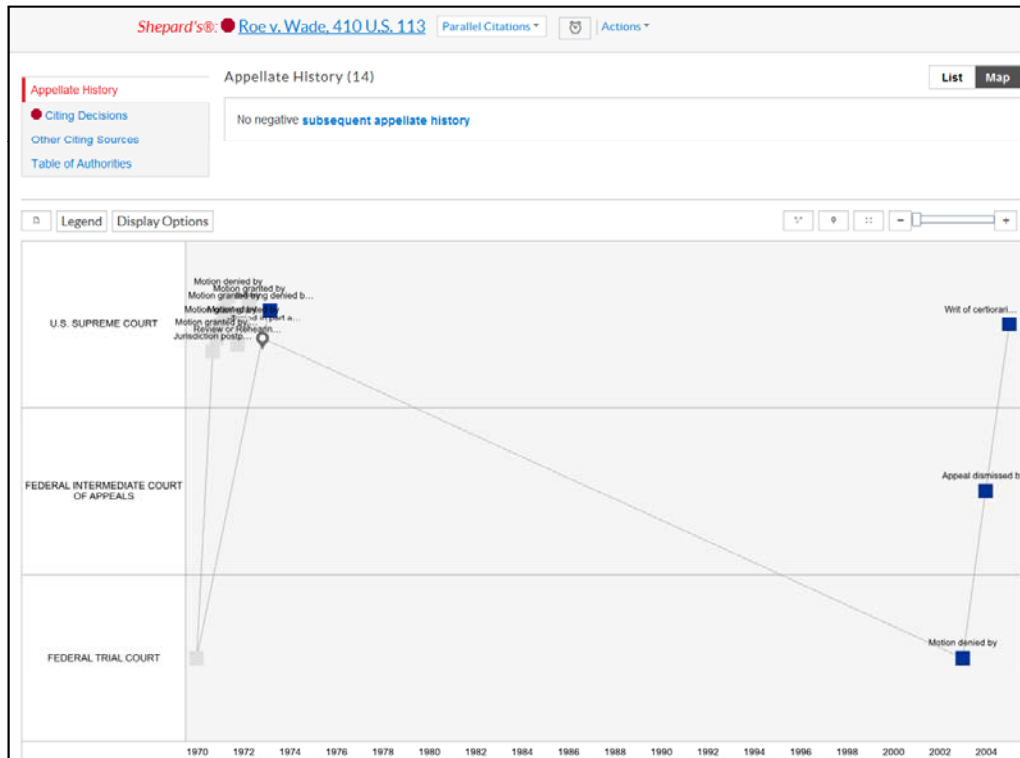
- 1st Circuit
- 2nd Circuit
- 3rd Circuit
- 4th Circuit
- 5th Circuit
- 6th Circuit
- 7th Circuit
- 8th Circuit
- 9th Circuit
- 10th Circuit
- 11th Circuit
- D.C. Circuit
- Federal Circuit

**States & Territories** [All](#) | [None](#)

<input type="checkbox"/> Alabama	<input type="checkbox"/> Louisiana	<input type="checkbox"/> Oklahoma
<input type="checkbox"/> Alaska	<input type="checkbox"/> Maine	<input type="checkbox"/> Oregon
<input type="checkbox"/> Arizona	<input type="checkbox"/> Maryland	<input type="checkbox"/> Pennsylvania
<input type="checkbox"/> Arkansas	<input type="checkbox"/> Massachusetts	<input type="checkbox"/> Puerto Rico
<input type="checkbox"/> California	<input type="checkbox"/> Michigan	<input type="checkbox"/> Rhode Island
<input type="checkbox"/> Colorado	<input type="checkbox"/> Minnesota	<input type="checkbox"/> South Carolina
<input type="checkbox"/> Connecticut	<input type="checkbox"/> Mississippi	<input type="checkbox"/> South Dakota
<input type="checkbox"/> Delaware	<input type="checkbox"/> Missouri	<input type="checkbox"/> Tennessee
<input type="checkbox"/> Dist. of Columbia	<input type="checkbox"/> Montana	<input type="checkbox"/> Texas
<input type="checkbox"/> Florida	<input type="checkbox"/> Nebraska	<input type="checkbox"/> Utah
<input type="checkbox"/> Georgia	<input type="checkbox"/> Nevada	<input type="checkbox"/> Vermont
<input type="checkbox"/> Guam	<input type="checkbox"/> New Hampshire	<input type="checkbox"/> Virgin Islands
<input type="checkbox"/> Hawaii	<input type="checkbox"/> New Jersey	<input type="checkbox"/> Virginia
<input type="checkbox"/> Idaho	<input type="checkbox"/> New Mexico	<input type="checkbox"/> Washington
<input type="checkbox"/> Illinois	<input type="checkbox"/> New York	<input type="checkbox"/> West Virginia
<input type="checkbox"/> Indiana	<input type="checkbox"/> North Carolina	<input type="checkbox"/> Wisconsin
<input type="checkbox"/> Iowa	<input type="checkbox"/> North Dakota	<input type="checkbox"/> Wyoming
<input type="checkbox"/> Kansas	<input type="checkbox"/> Northern Marianas	
<input type="checkbox"/> Kentucky	<input type="checkbox"/> Ohio	

Include non-jurisdictional content  Include related Federal content

- ✓ 谢泼德引证服务——独有的坐标视图展示法院的分析，上诉历史地图可视化展示案件历史和关系进行
- ✓ 灵活的提醒设定——可设置涵盖所有内容的提醒，或分别设定追踪立法和案例发展



- ✓ 按主题浏览直达相关资源——获取相关文件，加到检索条件，获取提醒更新，亦可查看相关主题摘要

The screenshot displays the Lexis Advance search interface. At the top, the text "Lexis Advance®" is centered. Below it is a search bar with the placeholder text "Enter terms, sources, a citation, or shep: to Shepardize®". To the right of the search bar are two buttons: "Filters" and "Search". A red rectangular box highlights the search bar and the "Search" button. Below the search bar, the text "Narrow By:" is followed by a "Clear" link. A list of legal topics is presented in a grid format, with a sidebar on the left containing navigation options: "Jurisdiction", "Category", "Practice Area & Topic" (highlighted in red), "Recent & Favorites", and "Advanced Search".

Navigation	Legal Topics
Jurisdiction	<input type="checkbox"/> Administrative Law
Category	<input type="checkbox"/> Admiralty & Maritime Law
Practice Area & Topic	<input type="checkbox"/> Antitrust & Trade Law
Recent & Favorites	<input type="checkbox"/> Banking Law
Advanced Search	<input type="checkbox"/> Bankruptcy Law
	<input type="checkbox"/> Business & Corporate Law
	<input type="checkbox"/> Civil Procedure
	<input type="checkbox"/> Civil Rights Law
	<input type="checkbox"/> Commercial Law (UCC)
	<input type="checkbox"/> Communications Law
	<input type="checkbox"/> Computer & Internet Law
	<input type="checkbox"/> Constitutional Law
	<input type="checkbox"/> Healthcare Law
	<input type="checkbox"/> Immigration Law
	<input type="checkbox"/> Insurance Law
	<input type="checkbox"/> International Law
	<input type="checkbox"/> International Trade Law
	<input type="checkbox"/> Labor & Employment Law
	<input type="checkbox"/> Legal Ethics
	<input type="checkbox"/> Mergers & Acquisitions Law
	<input type="checkbox"/> Military & Veterans Law
	<input type="checkbox"/> Patent Law
	<input type="checkbox"/> Pensions & Benefits Law
	<input type="checkbox"/> Public Contracts Law

- ✓ 检索历史——整理了检索过程，检索关键字，文件，报告，谢泼德引证，以及其他动作自动保存在历史中**90天**。回顾检索历史可以比较检索结果，找到更多相关结果

**Research Map** 直观展示我们的检索记录，包括每次检索使用的关键词、结果数量，是否进行二次检索等

可以选择最多3个检索结果进行对比，找到使用不同策略获得的相同结果

Compare Search Results 2

Content Type

- Cases
- 52778 Results
- Narrow By: None
- Actions
- Rerun search
- Select search to compare search results
- Save search to folder
- Create an alert



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**学术科研的有力工具**

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Project ID: wang [Sign](#)

Search | Document Retrieval | History & Alerts | Analytics | Work Folders | Results

Guided Search | Advanced Search | Semantic Search

Search Terms: Search Within [Full Text (incl. Biblio.)] Search

NORM-ASSIGNEE("BAS")

Reset form | Syntax Converter

e.g., (plastic OR rubber OR acrylic) AND (pump OR inflat)

[View Search Operators Help](#) [View Searchable Fields](#)

Search Options:  Display hit count only  
 Also search for terms in English machine translations  
 Remove family member duplicates [Check Settings](#)

Publication Date: [All available dates]

Publication Number Search: Enter a List | Upload a List

Enter 1-500 Publication Numbers

View accepted publication number formats

View [Results list] Search

Look Up Assignee or Inventor: Search for variations of assignee or inventor names, then add them to the search form.

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Search | Document Retrieval | History & Alerts | Analytics | Work Folders

Current Folder: **Google purchased patents** [Rename](#) | [Delete](#) | [Copy](#) | [Forward](#)

[Generate Report](#) | [Analyze](#) | [Remove Duplicates](#) | Layout

1 to 100 of 8,983 | Jump to Documents | 1 to 100

1 **US20080167004A1** 2008-07-10 SYSTEM AND METHOD OF ACCESSING AND RECORDING MESSAGES AT COORDINATE WAY POINTS  
 Inventors: Michael D. Jenkins  
 Standardized Assignees: XYBERNAUT  
 Original Assignees: Xybernaut Corporation  
 Current Assignees: GOOGLE INC.  
 Application Number: US12034435

2 **US20080165749A1** 2008-07-10 COMMUNICATIONS AND SYSTEMS UTILIZING COMMON DESIGNATION NETWORKING  
 Inventors: Robert W. Twitchell  
 Standardized Assignees: TERAHOP NETWORKS  
 Original Assignees: TERAHOP NETWORKS, INC.  
 Current Assignees: GOOGLE INC.  
 Application Number: US11930789

Change Folder

Current Folder: **Google purchased patents** [Rename](#) | [Delete](#) | [Copy](#) | [Forward](#)

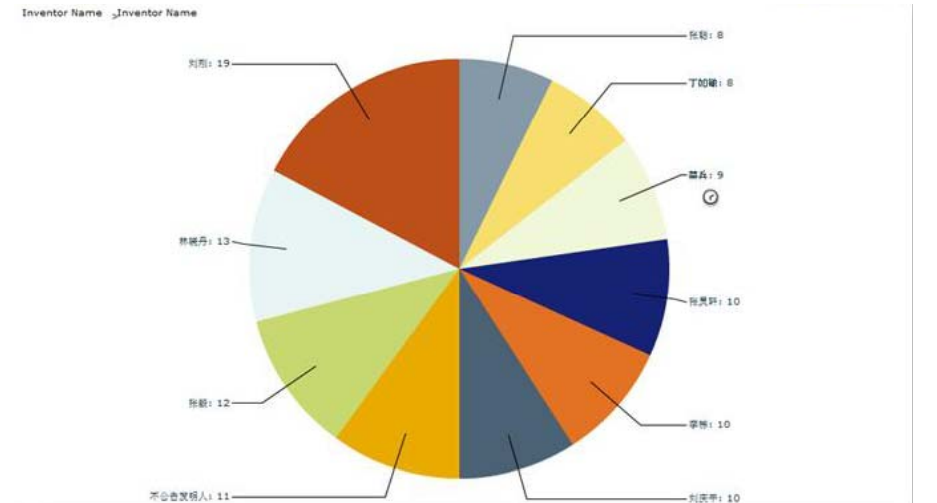
[Generate Report](#) | [Analyze](#) | [Remove Duplicates](#) | Layout

Purchase | Delete | Copy | Move

FULL CLAIMS | IMAGE FAMILY LEGAL COURTLINK PDF NEW WIN.

1 **US20080167004A1**: 2008-07-10 SYSTEM AND METHOD OF ACCESSING AND RECORDING ME  
 Family View: [INPADOC](#) | [Main](#) | [Extended](#) (42 publications found)

Publication Number	Publication Date	Application Number	Application/Filing Date	Priority Number
US8027692B2	2011-09-27	US12034435A	2008-02-20	US12034435
CN101815244A	2010-08-25	CN201010113290A	2003-07-16	US10195952A
CA2433306C	2009-12-29	CA2433306A	2003-06-25	US10195952A
EP2040446A1	2009-03-25	EP08170581A	2001-07-12	US09732170A
DE60137303D1	2009-02-26	DE60137303A	2001-07-12	US09732170A
AT420527T	2009-01-15	AT1166182001T	2001-07-12	US09732170A



全文检索

专利翻译

语义检索

专利诉讼信息

智能化索引

# 全文检索

## Full-Text Searching

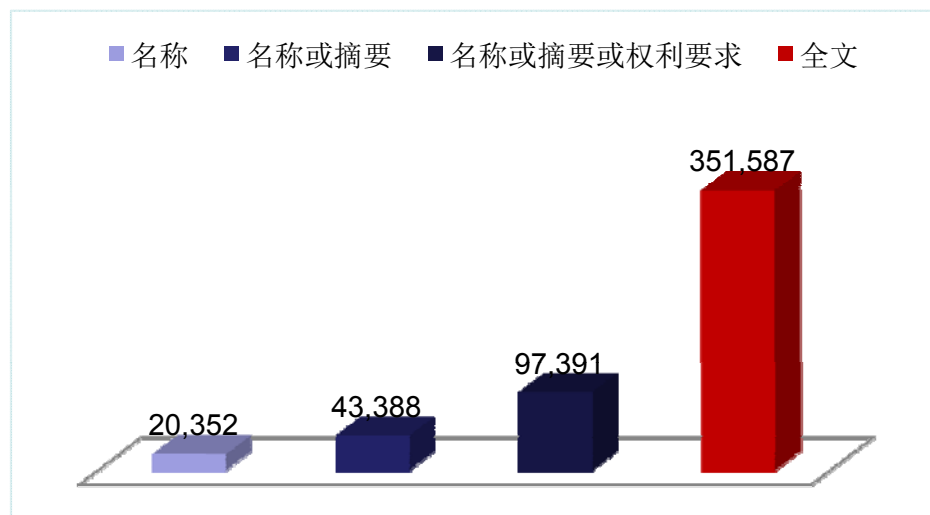
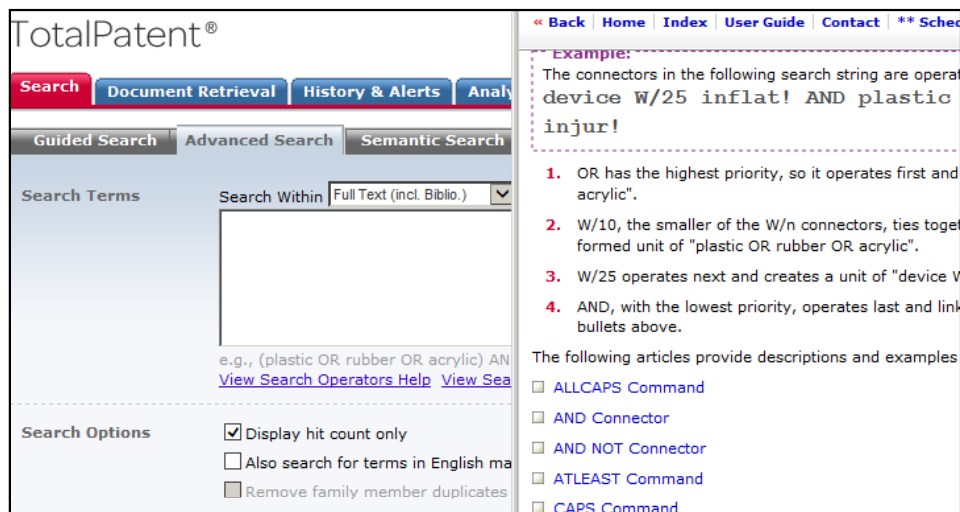
## 查全和查准的挑战

- 标题和摘要检索会出现漏检的严重问题
  - 遗漏权利要求中的技术特征
  - 摘要的技术概括过于上位概念
  - 实施例对改进型发明的说明作用

- 通过TotalPatent的检索功能降低噪音，提高查准率

- 各种运算符，个性化的检索式构建
- **200**多种可选择检索字段
- 词频字段：**atleast**
- 语义检索，智能分析相关度

## "battery charging" 在不同位置检索结果为例

TotalPatent®

Search Document Retrieval History & Alerts Analy

Guided Search Advanced Search Semantic Search

Search Terms Search Within Full Text (incl. Biblio.)

e.g., (plastic OR rubber OR acrylic) AND device W/25 inflat! AND plastic injur!

1. OR has the highest priority, so it operates first and connects the terms "plastic OR rubber OR acrylic".
2. W/10, the smaller of the W/n connectors, ties together the terms "plastic OR rubber OR acrylic".
3. W/25 operates next and creates a unit of "device W/25 inflat!".
4. AND, with the lowest priority, operates last and links the units "device W/25 inflat!" and "plastic injur!".

The following articles provide descriptions and examples

- ALLCAPS Command
- AND Connector
- AND NOT Connector
- ATLEAST Command
- CAPS Command

Search Options

- Display hit count only
- Also search for terms in English ma
- Remove family member duplicates

## 全文为英文

バッテリー  
배터리 충전이 가능한  
**Batterie-Lade**  
**TRAPPE DE PRISE DE CHARGE**  
**ТЕРМИНАЛ ДЛЯ ЗАРЯДКИ АККУМУЛЯТОРОВ**  
**АКУМУЛЯТОРНИ БАТЕРИИ**  
für Mobiltelefone mit  
Resterend vermogenindicator voor een  
**CARICA DI BATTERIA**  
**АСКУМУЛЯТОР ЛАДНИНГС**

- **1983年推出Lexpat , 世界上首个美国在线全文数据库**
- **2005年收购荷兰Univentio , Univentio创立于1952年 , 专业提供专利全文数据**
- **2007年升级为TotalPatent , 提供100个机构的专利数据 , 包括32个主要专利机构的专利全文**
- **收录专利信息最多的商用专利数据库供应商**
- **同全球主要的国家知识产权局建立长期合作 , 并从 > 60 独立数据供应商购买原始数据**

**32个全文国家**

AT-奥地利	EA-欧亚专利局	KR-韩国
AU-澳大利亚	EP-欧洲商务专利局	LU-卢森堡公国
BE-比利时	ES-西班牙	MC-摩纳哥
BR-巴西	FI-芬兰	MX-墨西哥
CA-加拿大	FR-法国	NL-荷兰
CH-瑞士	GB-英国	PT-葡萄牙
CN-中国	IE-爱尔兰	RU-俄罗斯
DD-东德	IN-印度	SE-瑞典
DE-德国	IT-意大利	SU-前苏联
DK-丹麦	JP-日本	TW-台湾
US-美国	WO-世界知识产权组织	



## 其他68个国家

非洲地区知识产权组织(ARIPO)	香港	菲律宾共和国
阿根廷共和国	洪都拉斯共和国	波兰共和国
波斯尼亚和黑塞哥维那共和国	克罗地亚共和国	巴拉圭共和国
保加利亚共和国	匈牙利共和国	罗马尼亚
玻利维亚共和国	印度尼西亚共和国	新加坡共和国
文莱达鲁萨兰国	以色列国	斯洛文尼亚共和国
白俄罗斯	冰岛共和国	斯洛伐克共和国
智利	肯尼亚共和国	圣马力诺共和国
哥伦比亚共和国	哈萨克斯坦共和国	萨尔瓦多共和国
哥斯达黎加共和国	立陶宛共和国	泰国
(前)捷克斯洛伐克	拉脱维亚共和国	塔吉克斯坦共和国
古巴共和国	摩洛哥王国	土耳其共和国
塞浦路斯共和国	摩尔多瓦共和国	特立尼达和多巴哥共和国
捷克共和国	蒙古	乌克兰
多米尼加共和国	马耳他共和国	乌拉圭东岸共和国
阿尔及利亚人民民主共和国	马拉维共和国	乌兹别克斯坦共和国
厄瓜多尔共和国	马来西亚	委内瑞拉共和国
爱沙尼亚共和国	尼加拉瓜共和国	越南社会主义共和国
阿拉伯埃及共和国	挪威王国	南斯拉夫联邦共和国
海湾合作委员会	新西兰	南非共和国
格鲁吉亚	非洲知识产权组织(OAPI)	赞比亚共和国
希腊共和国	巴拿马共和国	津巴布韦共和国
瓜地马拉共和国	秘鲁共和国	

# 非英语国家专利的翻译

## Machine Translation

20世纪后半期以来，翻译研究主要还是限于探讨译文与原文之间的关系，这种二元对立的做法常常将译文视为原文衍生物，在此基础上的理论研究本质上依然是对译文质量的回溯式评估，这种模式在一定程度上局限了翻译研究的进一步发展。

。语料库翻译学的兴起是以突破“对等”为核心概念工具的源语文本取向模式(ST-oriented model)，由规定转向描写，以大规模翻译文本作为数据来源，结合计算机分析技术的基础上产生的。.....方法上则是从具体语言因素入手，采用语际、语内，或二者结合的对比模式，以概率和统计为手段，尝试从语言之间相互作用在语言层面的表现探索翻译语言的规律性特征，并从语言内、外加以解释。

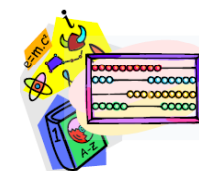
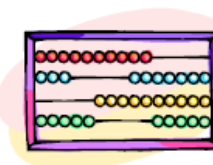
----出自《语料库翻译学十五年》，王克非，北京外国语大学；黄立波，西安外国语大学

## 机器翻译的难度

- 信息来源的质量
- 文字识别（OCR）
- 加标签（Tagging）
- 表格（Tables）
- 数字（Figures）
- 化学信息（Chemical Information）
- 排序（Sequencing）
- 直译vs意译；科技文献翻译vs 非科技文献翻译
- 同义词、近义词、等同概念
- 语对库开发难度：中英、日英、韩英.....

## LexisNexis的机器翻译

- 基于规则的翻译方法(RBMT = Rule-Based Machine Translation )
- 基于统计学的机器翻译 (SMT = Statistical Machine Translation )
- 混合了规则翻译优势的统计学翻译方法，并加以人工辅助。( hybrid SMT technology)

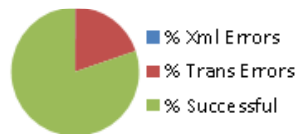


### Human Quality Assessment

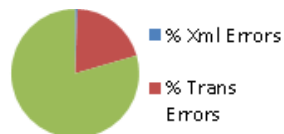
Enter details about the human quality assessment that you are creating

Assessment Title: <input type="text" value="Title"/>		Reviewer Name: <input type="text" value="Title"/>						
No.	Source	Reference	Candidate	Words	x	x	x	x
1	空気送風用チャンバーは送風機にダクトを介して設けられた。	The chamber for <u>ventilating air</u> provided in a blower through a duct.	An air chamber for the air blower through a duct provided.	11	3	0	0	0
2	NPC2は第二キャリアPC2の回転速度を示す。	NPC2 represents the rotational speed of the secondary carrier PC2.	NPC2 second carrier PC2 represents the rotational speed of the <u>device</u> .	11	0	1	0	0
3	A1は歯数比を示す。	A1 is the gear ratio.	A1 tooth gear ratios is shown.	6	0	0	1	0
4	送風用のチャンバーは断面視して卵形形状としたチャンパー本体と、チャンパー本体の取れん部に設けたノズルとで構成した。	The chamber for ventilation <u>includes</u> a chamber body having an oval-shaped cross-section, and a nozzle provided in a <u>collective part</u> of the chamber body.	Chamber for ventilation of the oval-shaped cross section and a <u>bottom chamber body</u> <u>10</u> , <u>screws</u> of a chamber body provided with a nozzle.	23	3	2	1	0
5	レンガ解体装置はその他の種々の構造のレンガ解体装置であっても良い。	The brick dismantling device <u>may also be</u> a brick dismantling device having various other structures.	The brick dismantling device brick dismantling device good even in a variety of other structures.	15	3	0	0	0
6	レンガ解体装置は先端に耐火レンガの解体部材が取り付けられた少なくとも一対の伸縮棒状部材からなるものである必要は必ずしもない。	The brick dismantling device <u>does not necessarily</u> need to be composed of at least a pair of telescopic rod-shaped members attached to a <u>refractory brick</u> dismantling members at the tip.	A distal end of the brick dismantling device fire brick dismantling member is attached to at least one pair of telescopic rod-shaped members is that which <u>comprises all necessary</u> .	29	3	0	3	0
7	NPC1は第一キャリアPC1の回転速度を示す。	NPC1 represents the rotational speed of the primary carrier PC1.	NPC1 first carrier PC1 represents the rotational speed of the <u>vehicle</u> .	11	0	0	1	0

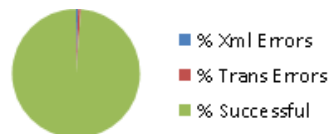
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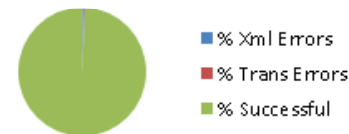
20120129



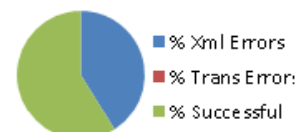
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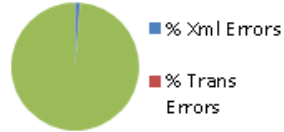
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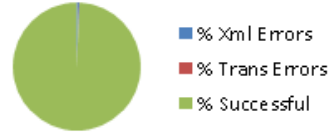
20120201



20120202



20120204



# 语义检索

## Semantic Search

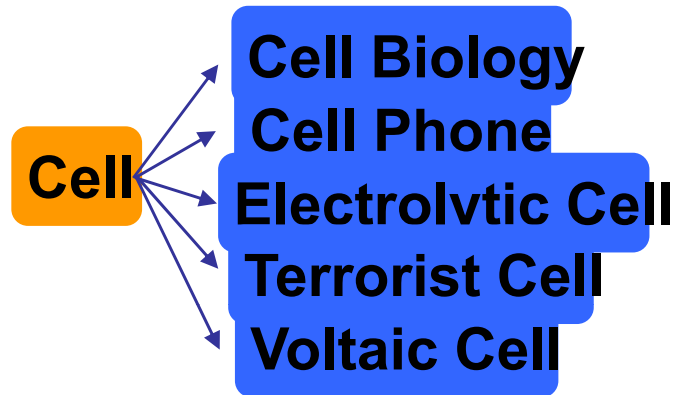
## 语义检索在专利文献检索中的应用

语义检索也称语义搜索，是通过对文献中原来的信息进行语义上的处理 [1]，将从中获得的**各种概念数据组合成知识库**（\* **Total Patent** 的知识库为美国专利和科技论文），然后根据**对用户提问的理解**，从知识库中发掘用户需要的信息。其中，语义检索需要分析用户输入的各种形式的查询目标，例如通过关键字匹配或者与用户浏览交互的方法，将查询目标匹配到知识库中的类和实体，通过本体关系推导，发现与用户查询目标相关的概念。在专利文献检索领域，常见的语义检索系统有**Patentics** [2]、**TotalPatent** [3] 等，其中前者免费提供大部分功能，后者需要付费使用。

----出自《语义检索在专利文献检索中的应用及改进》，孙志飞，国家知识产权局专利局专利审查协作北京中心，《信息技术》2014年第5期



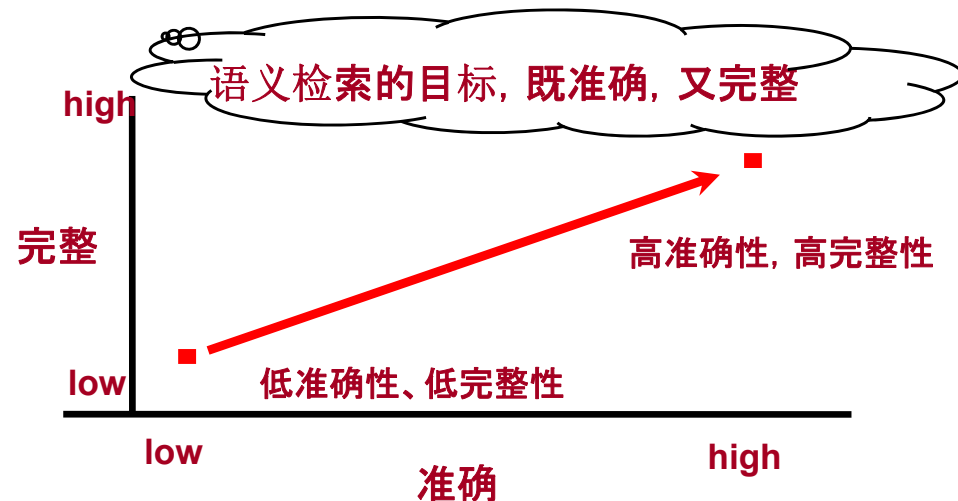
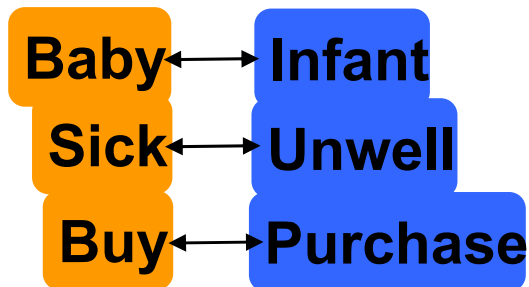
► Polysemy 一词多义



专利语义检索的挑战

- 同一词汇在不同技术领域的意思各异
- 申请人自创词汇
- 行业术语不断变化
- 术语缩写与一般词汇冲突，例如 **Au = Gold, Australia**
- 许多术语缩写成为干扰词汇 (e.g. **He = Helium, Be = Beryllium**)
- 冗长的组合表达的错误拼写
- 每年海量的更正说明 (**certificate of correction**)

► Synonymy 一义多词



Search Document Retrieval History & Alerts Analytics Work Folders Results

Guided Search Advanced Search Semantic Search

Enter at least 3 search items below, with no Boolean connectors. You can enter these items as words, phrases, or sentences. For best results, enter homogeneous terms that relate to one concept at a time. For example, "mechanical heart valve". [Tell me more ...](#)

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Search Within Full Text (incl. Biblio.)

artificial heart valve

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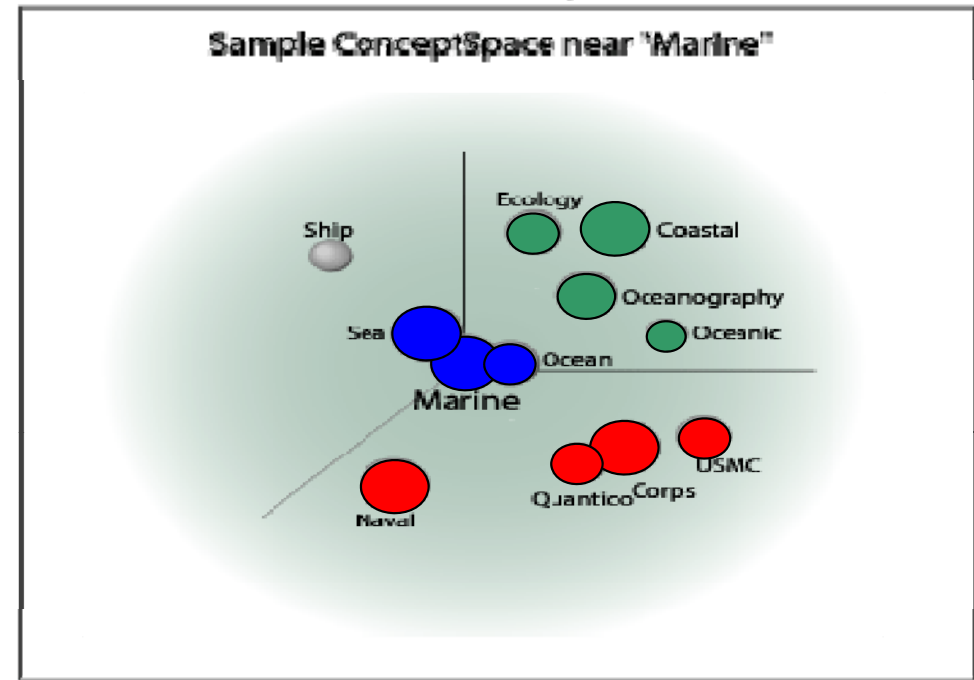
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**Latent Semantic Analysis (LSA)** 潜在语义分析

**Bayesian Inference (BI)** 贝叶斯推论

**Support Vector Machines (SVM)** 支持向量机

- 分析各个概念出现的频率、上下文位置、相邻概念的空间关系
- 用这种关系来计算和呈现结果，按照概念而非仅仅是关键词
- 赋予每个概念不同的权重以呈现其不同的相关度

Preview Semantic Terms and Results

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Change and re-analyze your search terms, click or drag a semantic term to change its status in your query, and see how your changes affect your results. [Learn More](#)

Your Search Terms

artificial heart valve

Terms Generated by Semantic Analysis

20 of 20 terms used

**REQUIRED (Boolean "AND")**

**artificial heart valve**

**OPTIONAL (Boolean "OR")**

**natural heart valve**    **heart valve**  
**valve prosthesis**  
**blood flow through the valve**  
**natural aortic valve**    **mitral position**  
**heart valve prosthesis**    **natural valve**  
**aortic position**    **valve incompetence**  
**hemodynamic performance**    **prosthetic cardiac valves**  
**blood through the valve**    **regurgitation of blood**    **leaflets**  
**prosthetic heart valve**    **jude**    **heart valve prostheses**  
**tricuspid valves**

**EXCLUDED (Boolean "NOT")**

**HOLDING AREA (Not included in y**

valve prostheses    pulm  
 trileaflet valve    st. jud  
 native heart valve    aortic valves    prosthetic valves  
 damaged heart valves    jude medical  
 human heart valves    cusps    st. jude medical

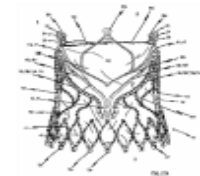
打开黑匣子 (Black Box), 提示概念, 用户可以调节权重

Most relevant 20 of 4144 results:

**JP2013526388A** 2013-06-24 Artificial heart valve, and through a stent and artificial heart valve prosthetic catheter carrier

**English Abstract:**

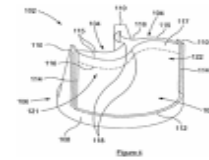
The invention relates to a prosthetic heart valve (100) for an endoprosthesis (1) used in the treatment of a stenotic cardiac valve and/or a cardiac valve insufficiency. The prosthetic heart valve (100) comprises of a plurality of leaflets (102), which consist of a natural and/or synt ... [More](#)



**WO2012110767A2** 2012-08-23 HEART VALVE

**English Abstract:**

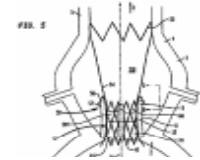
An artificial heart valve comprises a support structure defining an aperture for blood flow and a flexible leaflet connected to the support structure along first and second at least partially straight lines of attachment, wherein the leaflet is movable relative to the support structure between an ... [More](#)



**JP2011528257T** 2011-11-17 Fixed in the axial direction, and a re-expansion can be crushed artificial heart valve for various symptoms

**English Abstract:**

The stent used in artificial heart valve (10), and the valve of the natural heart valve talipes equinus valve ring is disposed within the ring-shaped part (12) is provided. (50) has a ring-shaped part of the locking member, the locking member (50), artificial valve naturally emb



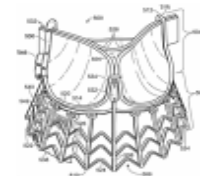
**CN103228232A** 2

按相关度从高到低排列

linkage framework

**English Abstract:**

A prosthetic heart valve can include a valve frame having a wireform portion and a stent portion. The wireform and stent portions can be undetachably coupled together via a plurality of upright struts so as to form a one-piece prosthetic heart valve frame. Alternatively, a self-expanding wireform port ... [More](#)



**CN103239302A** 2013-08-14 Artificial heart valve and heart artificial heart valve

# 在美国的专利诉讼

## Patent Litigation

## 哪些诺基亚（Nokia）的专利涉及到美国诉讼？

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Guided Search **Advanced Search** Semantic Search

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Search Within

**只要输入Litigation (Nokia)**

e.g., (plastic OR rubber OR acrylic) AND (pump OR inflat!)

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Layout 

Results: 209 of 98,330,921 searched










1 to 50

[Jum](#)

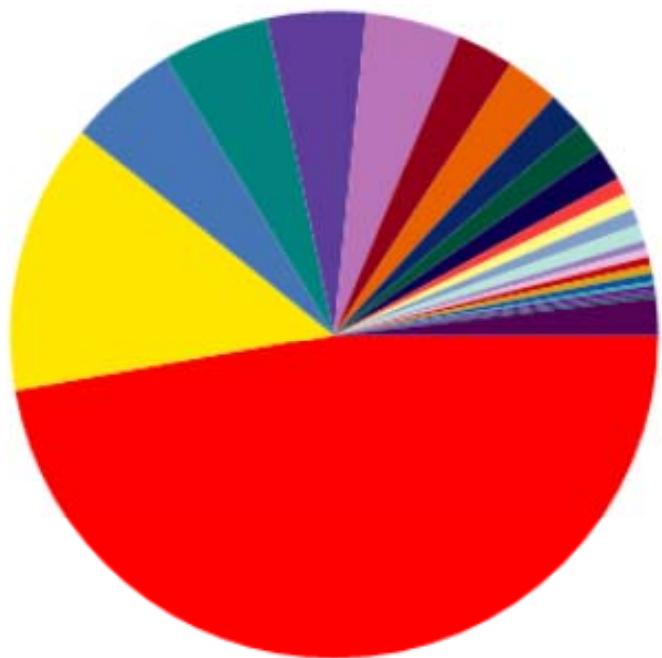
All

## 诺基亚在209项专利上涉及美国诉讼

[Show](#)

<input type="checkbox"/>	1	 <a href="#">US8466795B2</a> 2013-06-18 <b>Personal security and tracking system</b>
<input type="checkbox"/>	2	 <a href="#">US8437797B2</a> 2013-05-07 <b>Wireless image distribution system and method</b>
<input type="checkbox"/>	3	 <a href="#">US8366000B2</a> 2013-02-05 <b>Terminal, method and computer program product for interacting with a signaling tag</b>
<input type="checkbox"/>	4	 <a href="#">US8308065B2</a> 2012-11-13 <b>Terminal, method and computer program product for interacting with a signaling tag</b>
<input type="checkbox"/>	5	 <a href="#">US8306993B2</a> 2012-11-06 <b>Method, system and computer readable medium for addressing handling from an operating sys</b>
<input type="checkbox"/>	6	 <a href="#">US8264049B2</a> 2012-09-11 <b>Integrated circuit including cross-coupled transistors with two transistors of different type hav feature with shared diffusion regions on opposite sides of common gate level feature</b>
<input type="checkbox"/>	7	 <a href="#">US8264044B2</a> 2012-09-11 <b>Integrated circuit including cross-coupled transistors having two complementary pairs of co-al structures positioned between transistors of different type</b>
<input type="checkbox"/>	8	 <a href="#">US8258552B2</a> 2012-09-04 <b>Semiconductor device including at least six transistor forming linear shapes with at least two tr</b>
<input type="checkbox"/>	9	 <a href="#">US8258550B2</a> 2012-09-04 <b>Semiconductor device including at least six transistor forming linear shapes including at least t</b>

### Case Count by Nature of Suit



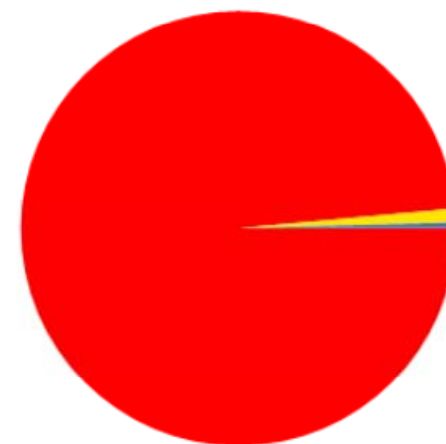
The top 24 Nature of Suit (by case count) are represented by individual slices in the chart. The remaining Nature of Suit are aggregated in the slice shown in dark purple color.

### Judgment Analysis

Judgment Analysis - Between **11/1/1995** and **11/13/2014**, **Nokia** has participated in cases in which the court returned a judgment in favor/against, as follows. Cases that do not have online judgment data available display as 'unknown.' Click on decision for an analysis specific to these cases.

Decision	Count	Percent	Legend
Against	2	0.41%	<span style="color: blue;">■</span>
In Favor	5	1.02%	<span style="color: yellow;">■</span>
Unknown	481	98.57%	<span style="color: red;">■</span>

### Case Count by Judgment Data



近20年，诺基亚在美国涉及到**487**多件诉讼，其中**47%**，即**230**件为专利诉讼。到目前为止，在所有诉讼中仅有**1.43%**以判决结案。

Search Terms (pub-id(us6714091))

View Search Query | Edit Search | Save Search | Create Alert

View

Normal Search

2009年，诺基亚诉苹果专利侵权的专利US6714091B



美国专利诉讼信息：  
可根据专利查找美国专利诉讼信息，便于您跟踪专利诉讼案件最新进展，开展高质量预警

Document

FULL CASES INTG MISC FAMILY LEGAL COURTLINK REFERENCE

1 US6714091B2: 2004-03-30 VCO with programmable output power

Docket Number	Docket Description	Court	Date Filed
1:09cv1002	Nokia Corporation v. Apple Inc	US District Court for the District of Delaware	12/29/2009
3:07cv1366	Qualcomm Incorporated v. Nokia Corporation et al	US District Court for the Southern District of California	7/25/2007

US District Court Civil Docket

U.S. District - Delaware (Wilmington)

1:09cv1002

Nokia Corporation v. Apple Inc

This case was retrieved on 02/26/2010

Date Filed: 12/29/2009  
Assigned To: Judge Gregory M Sleet  
Referred To:  
Nature of suit: Patent (830)  
Cause: Patent Infringement  
Lead Dockets: None  
Other Dockets: 1:09-cv-00791  
Jurisdiction: Federal Question

Class Code:  
Closed: No  
Statute: 35:271  
Jury Demand: Both  
Demand Amount: \$0  
NOS Description: Patent

Litigants

Attorneys

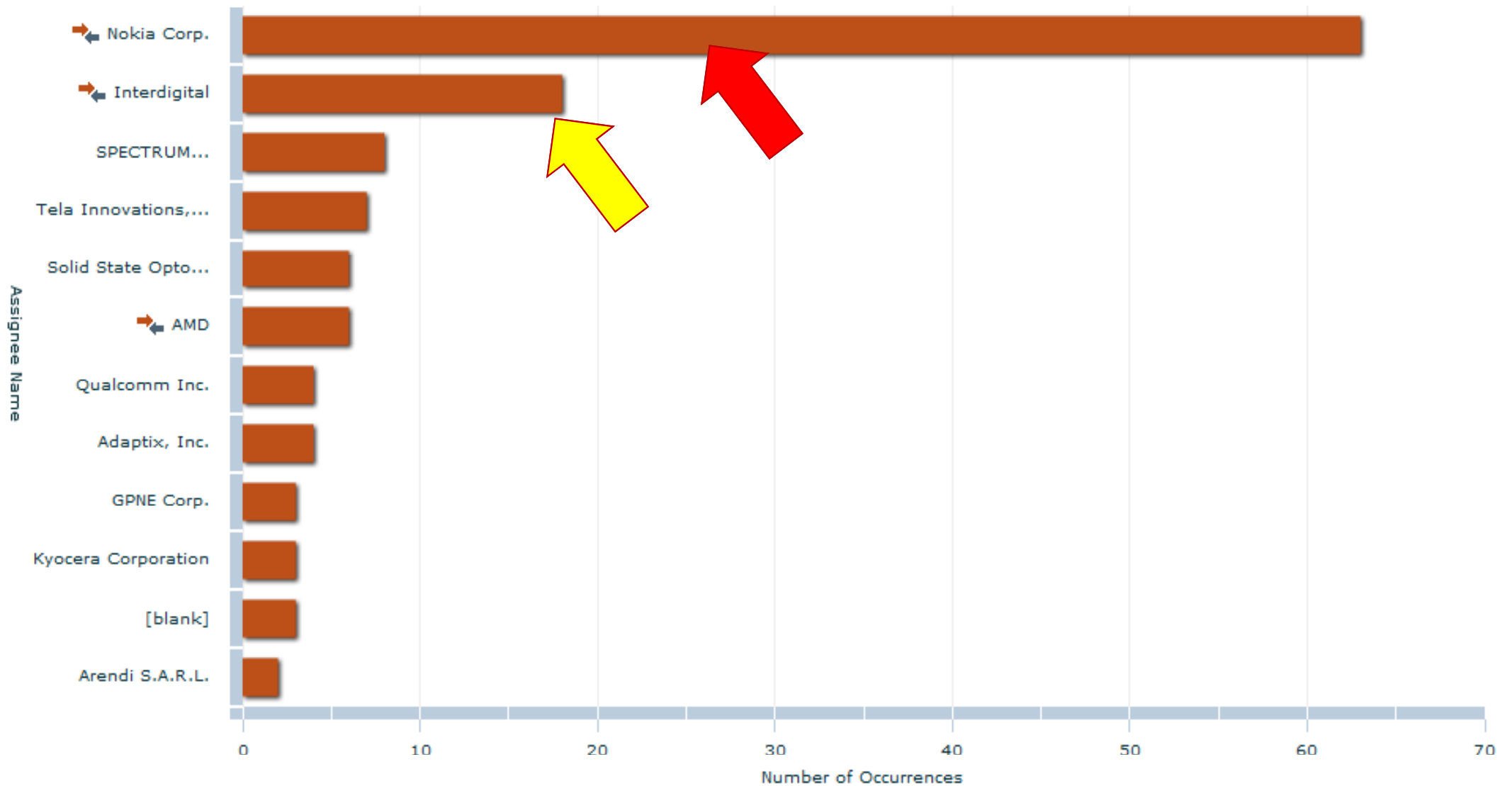
Nokia Corporation  
Plaintiff

Jack B Blumenfeld  
[COR LD NTC]  
Morris, Nichols, Arsh & Tunnell  
1201 North Market Street

01/22/2010	8	MOTION for Pro Hac Vice Appearance of Attorney Kenneth H. Bridges and Michael T. Pleja of Wong, Cabelo, Lutsch, Rutherford & Brucculeri, LLP - filed by Apple Inc.. (Moore, David) (Entered: 01/22/2010)
01/22/2010	9	MOTION for Pro Hac Vice Appearance of Attorney William F. Lee and Mark D. Selwyn of WilmerHale - filed by Apple Inc.. (Moore, David) (Entered: 01/22/2010)
01/26/2010	--	SO ORDERED, re 6 MOTION for Extension of Time to File Answer re 1 Complaint, STIPULATION AND ORDER TO EXTEND TIME TO ANSWER THE COMPLAINT TO 2/24/2010 filed by Apple Inc., Set/Reset Answer Deadlines: Apple Inc. answer due 2/24/2010. Ordered by Chief Judge Gregory M. Sleet on 1/26/2010. (asw) (Entered: 01/26/2010)
01/26/2010	--	SO ORDERED, re 9 MOTION for Pro Hac Vice Appearance of Attorney William F. Lee and Mark D. Selwyn of WilmerHale filed by Apple Inc., 8 MOTION for Pro Hac Vice Appearance of Attorney Kenneth H. Bridges and Michael T. Pleja of Wong, Cabelo, Lutsch, Rutherford & Brucculeri, LLP filed by Apple Inc. Ordered by Chief Judge Gregory M. Sleet on 1/26/2010. (asw) (Entered: 01/26/2010)
02/02/2010	10	MOTION for Pro Hac Vice Appearance of Attorney Patrick J. Finn, John D. Haynes, Keith E. Broyles, Mark A. McCarty and Alan L. Whitehurst - filed by Nokia Corporation. (Blumenfeld, Jack) (Entered: 02/02/2010)
02/04/2010	--	SO ORDERED, re 10 MOTION for Pro Hac Vice Appearance of Attorney Patrick J. Finn, John D. Haynes, Keith E. Broyles, Mark A. McCarty and Alan L. Whitehurst filed by Nokia Corporation. Ordered by Chief Judge Gregory M. Sleet on 2/4/2010. (asw) (Entered: 02/04/2010)
02/12/2010	11	STIPULATION stay litigation by Apple Inc., Nokia Corporation. (Blumenfeld, Jack) (Entered: 02/12/2010)
02/24/2010	12	ANSWER to 1 Complaint, with Jury Demand, COUNTERCLAIM against Nokia Corporation, Nokia Inc. by Apple Inc.. (Attachments: # 1 Exhibit A-B, # 2 Exhibit C, # 3 Exhibit D-E, # 4 Exhibit F-G, # 5 Exhibit H-I)(Moore, David) (Entered: 02/24/2010)
03/03/2010	13	SO ORDERED, re 11 Stipulation to Stay Litigation filed by Nokia Corporation, Apple Inc. Signed by Chief Judge Gregory M. Sleet on 3/3/2010. (asw) (Entered: 03/03/2010)



## 209件专利的Assignee分布



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Search Terms ASSIGNEE(ibm)

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Results: 3,000 of 12,410,945 searched

All

13 **US20110185132A1** 2011-07-28 **METHOD AND SYSTEM FOR STORING MEMORY COMPRESSION**

**Inventors:** Caroline Benveniste

**Normalized Assignees:** INTERNATIONAL BUSINESS MACHINES CORP

**Applicants/Assignees:** **IBM** Corporation

**Application Number:** US13083400

**Application/Filing Date:** 2011-04-08

**Classifications:** US-Main: 711/154, US-Further: 711/E12.001 IPC-1-8: G06F12/00 G06F12/00 ECLA: G06F3/06M; G06F12/08

**Patent Family:** [View patent family](#)

**English Abstract:**  
In a computer system supporting memory compression and wherein data is stored on a disk access (DMA) operation, a method for transmitting compressed data from the IOA/IOP to the IOA/IOP to said memory sectors using said DMA operation, constructing at the IOA/IOP memory directory information in the compressed memory directory structure.

Normalized Assignee  
Standard Assignee  
Current Assignee

- Statistical process for non-Latin names.

- Manual process.
- Automated process.

~375 variations

**IBM**

- Goal:
- >75% of all names normalized.
  - 90-95 % of all variations found.

**Inventors:** [Jee-Hwan Jang](#), Daejeon, Republic of Korea;  
[Hyun-Kyung Sung](#), Daejeon, Republic of Korea;  
[Sang-Hyo Ryu](#), Daejeon, Republic of Korea

**Applicants/Assignees:** [Korea Kumho Petrochemical Co. Ltd.](#), Seoul, Republic of Korea

**Application Number:** US102086082002-07-30 [10208608](#)

**Priority Number and Date:** KR 200158211 2001-09-20

**Classifications:** US-Main: 324/430 US-Further: 324/434 US-Field of Search: 324/426, 324/430, 324/431, 324/434, 320/116, 320/117, 320/110, 320/106 ECLA: H01M10/48BB IPC[7]-Main: G01N27 /416 A, IPC-1-8: G01R31 /36 20060101CFI20051220RMJP (20060101) CoreFirst20051220 (C F I R M JP)  
 IPC-ADDL-CL: G01R31 /36 20060101AFI20051220RMJP (20060101) AdvancedFirst20051220 (A F I R M JP)  
 IPC-ADDL-CL: H01M10 /42 20060101C I20051008RMEP (20060101) Core20051008 (C I R M EP)  
 IPC-ADDL-CL: H01M10 /48 20060101A I20051008RMEP (20060101) Advanced20051008 (A I R M EP)

## Legal Status:

Date	+/-	Code	Description	Legal Event
2008-02-26	-	FP	EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE	Effective Date:2008-01-06
2002-07-30		AS	ASSIGNMENT	New Owner:KOREA KUMHO PETROCHEMICAL CO., LTD. 57, SHINMUNROAdditional Information:ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:JANG, JEE-HWAN /AR;REEL/FRAME:013150/0984Effective Date:2002-07-19

## Legal Status Codes

The table below lists all current legal status codes, grouped by patent authority. Use the links provided to jump directly to the desired authority code group.

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Authority	Event Code 1	Event Code 2	Effect	Description (Last Updated: Week 26 of 2008)
<a href="#">AT</a> <a href="#">[Top]</a>	AAW		Negative	REVOCATION OF PUBLISHED EXAMINED APPLICATION
	AB			CORRECTION
	AJ		Negative	WITHDRAWAL PARAGRAPH 166 LIT. 6

Publication Number	Publication Date	Application Number	Application/Filing Date	Priority Number	Priority Date	Title
JS20080137566A1	2008-06-12	US11618848	2006-12-31	US11868818	2006-12-06	Method and System for Shared High-Power Transmit Path for a Multi-Protocol Transceiver
JS20080137770A1	2008-06-12	US11618876	2006-12-31	US11868818	2006-12-06	Method and System for Compensating for Estimated Distortion in a Transmitter By Utilizing a Digital Predistortion Scheme With A Quadrature Feedback Mixer Configuration
JS20080137773A1	2008-06-12	US11618871	2006-12-31	US11868818	2006-12-06	Method and System for Enhancing Efficiency by Modulating Power Amplifier Gain
JS20080137777A1	2008-06-12	US11618719	2006-12-29	US11868818	2006-12-06	Method and System for Independent I and Q Loop Amplitude Control for Quadrature Generators
JS20080136540A1	2008-06-12	US11618718	2006-12-29	US11868818	2006-12-06	METHOD AND SYSTEM FOR USE OF TSPC LOGIC FOR HIGH-SPEED MULTI-MODULUS DIVIDER IN PLL
JS20080139115A1	2008-06-12	US11753626	2007-05-25	US11868818	2006-12-06	Method and System for a Compact and Power Efficient Local Oscillator Generation Architecture
JS20080139119A1	2008-06-12	US11733047	2007-04-09	US11868818	2006-12-06	Method and System for Processing Signals in a High Performance Receive Chain
JS20080139123A1	2008-06-12	US11618869	2006-12-31	US11868818	2006-	Method and System for Single Chip WLAN and Bluetooth Radios on a Single





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**Main Family:** 适用于不同国家的发明，或者在专利申请过程中的不同时期发布的相同的发明。所有这些发明都有一个完全相同的优先权号。如果没有优先权号，则可以将申请号视为优先权号。

**Extended Family:** 在专利优先权号上有某种程度的关系。所有这些发明都直接或间接地拥有一个属于派生专利家族的优先权号。







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