

INNOGRAPHY

操作指南

(2020 年夏季版)

广州奥凯信息咨询有限公司

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第一部分 Innography 总览

版本更新说明：

Innography 2020 年度夏季版本全新上线，此次更新包括：

- 通过新的虚拟实体功能合并专利组合
- 专利号码导入功能增强
- 分类号导出
- 导出数量上限提示
- 新增检索结果显示和导出的字段

1.登录

地址：<http://app.innography.com/>

使用帐号密码登录

You have successfully logged out.

Username 输入账号

password 输入密码

Login 登录

2.功能

提供下面五大功能模块。

专利检索 公司检索 诉讼检索 商标检索 非专利文献检索
***基本功能模块**

- 1) 专利检索：支持多字段的专利文献检索、专利号检索、申请号检索和语义检索；
- 2) 公司名称检索：公司发现功能，通过不同的检索字段设置关键词和对应的参数，找到相应的公司；输入公司名称，直接进入公司概况；支持最多 10 家公司的专利竞争力对比；
- 3) 诉讼检索：支持多字段对诉讼信息进行检索；
- 4) 商标检索：支持多字段对商标信息进行检索；
- 5) 非专利文献检索：支持多字段对非专利文献进行检索。

3.其他

Innography 还提供了项目管理(Project)、帮助文档、检索历史记录、预警、以及最近活动(项目或者检索)等导航。

自定义专利强度

用户可以根据实际情况在 Innography 中自定义专利强度的影响因子，Innography 提供了超过 20 个影响因子供用户选择。

CustomStrength™ Core Attributes	
Age of the Patent	Number of Citations
Number of References	Number of Claims
Remaining Life	Industries (SIC Codes)
Company Litigation	PatentStrength™ Score
Type (Application/Grant)	Priority Year
Published Year	Present Time
Jurisdiction (Country)	Breadth (Diversity of Industries)
Year Filed	Company Revenue
Relevance	Number of Inventors
CPC Group, Subgroup, Class, Subclass	* Others: Maintenance, PTO Decision Length, etc

第二部分 专利检索和分析

Innography 提供专利的关键字、专利公开号、专利申请号、语义检索以及化学结构式检索功能：

The screenshot shows the Innography search interface. At the top, there's a navigation bar with 'Home', 'Projects', 'Playbooks', 'PatentIQ', and 'Alerts'. Below that, there are tabs for 'Patent', 'Company', 'Litigation', 'Trademark', 'NPL', and 'My Portfolio'. The main search area has several input fields: 'Keyword', 'Publication Number', 'Application/Serial Number', 'Semantic', and 'Chemical'. There's a 'Search' button and a 'Clear History' button. Below the search fields, there's a section for 'Recent Activity' and 'Projects'.

1.关键字检索

检索支持以下字段：

专利信息检索

搜索域	说明	搜索域/范围/前缀	说明
@*	所有范围	@title	专利标题
@(abstract, claims, title)	专利摘要, 权利要求, 标题	@ultimateParent	母公司
@abstract	摘要	@xref	在引证信息中检索
@examiner	审查员	+litigated	涉案专利
@applicationNumber	专利申请号	+opposition	异议专利
@body	专利说明书	+xref	引证信息
@claims	专利权利要求	ipc_usc_cpc_	分类号
@inventor	发明人	kind_code	种类代码
@legalStatus	法律状态	wc_	技术来源国
@normOrgName	标准专利权人	source_	专利申请国
@organizationName	当前专利权人	inno_patent_application	所有申请的专利
@origOrgName	原始专利权人	inno_patent_grant	所有授权的专利
@patentNumber	相关专利号	inno_multiowner	联合申请的专利

检索式语法：

参数	等价符号	说明	例子
AND	<space>,&	完全匹配所有的单词、短语或组词。	graphical programming
NOT	-,!	显示不含任一被排除的单词、短语或组词的搜索结果。	cellular -biology
OR		显示含有任何一个单词、短语或组词的搜索结果。	toothpaste OR polish
()		组合单词或短语。布尔逻辑搜索中常用。	cats NOT (dogs OR mouse)
""		用于短语搜索, 结果必须严格匹配引号中的内容。	"lip balm"
~n or NEAR/N		仅在给定单词数的范围内显示搜索结果。	"blue car"~3;blue NERA/3 car
ADJ/N		指定检索词之间的间隔距离和按前后顺序出现。	computer ADJ/4 system
=n		等号。搜索结果中必须至少含有指定个数的单词、短语或者组词。	"firewall router"=2
^ or \$		限定关键词出现在句首或者句末。	"^lip balm" or "lip balm\$"
<< or >>		限定关键词以规定的前后顺序出现。	lip << balm or balm >> lip
@field		仅在指定范围内搜索。如: @* searches all fields (默认全部范围)。	@inventor "bob smith"
@!field		把搜索范围限制在除指定范围外的其他全部范围。	@!pseudomark colour
@*		全字段检索, 也用于限制新的搜索范围。	@*
[n] text		指定对搜索范围内的前 n 个字符进行搜索。	@abstract[50] "lip balm"
*		通配符。	Car*

位置运算符 ADJ, 可指定检索词之间的间隔距离以及限定检索词的前后顺序, 例如 computer ADJ/4 system, 指检索单词 computer 与 system 之间最多有 3 个单词, 且 computer 在前, system 在后, 顺序不可互换。

You searched Patent Keywords for @abstract computer ADJ/4 system

Results: 392082 Patents, 0 Selected

View By Results

	Patent Number	Title
1	US6757744 B1	Distributed transport communications manager with messaging subsystem for high-speed communications between heterogeneous computer systems
2	US6810431 B1	Distributed transport communications manager with messaging subsystem for high-speed communications between heterogeneous computer systems
3	EP3018576 A1	A method for controlling changes in a computer system
4	EP3018576 B1	A method for controlling changes in a computer system
5	KR20050037299 A	Device and method for recovering computer system
6	JPS6349839 A	Leading system for electronic computer system
7	WO2015137907 A1	Providing an operating system session

SENTENCE 运算符可以检索在同一句子中包含 SENTENCE 运算符前后关键词的专利。

INNOGRAPHY

Home Projects Playbooks PatentIQ Alerts Jobs History

You searched Patent Keywords for @(abstract,claims,title) (smartphone SENTENCE 'multifunction wireless device')

Results: 10 Patents, 0 Selected

View By Results

	Patent Number	Title	Assignee
1	US20080018543 A1	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.
2	US8738103 B2	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.

PARAGRAPH 运算符可以检索在同一段落中包含 PARAGRAPH 运算符前后关键词的专利。

INNOGRAPHY

Home Projects Playbooks PatentIQ Alerts Jobs History

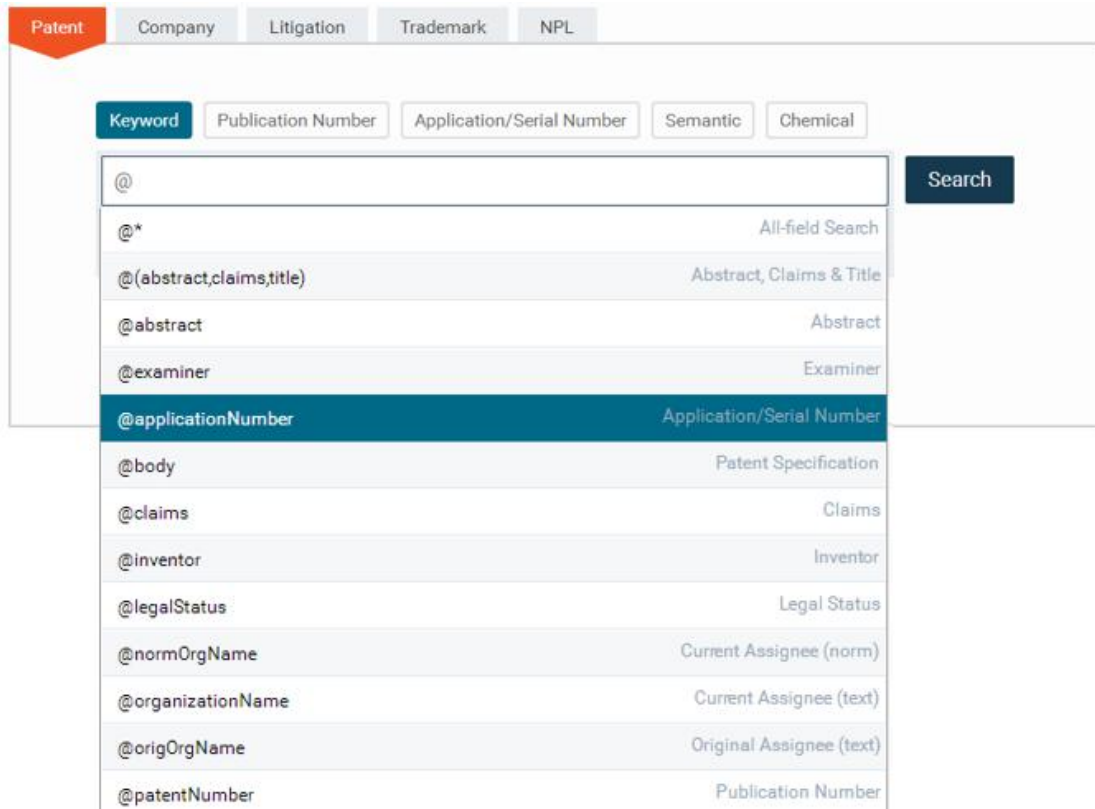
You searched Patent Keywords for @(abstract,claims,title) (handheld PARAGRAPH 'multifunction wireless device')

Results: 8 Patents, 0 Selected

View By Results

	Patent Number	Title	Assignee
1	US8738103 B2	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.
2	US20140253395 A1	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.

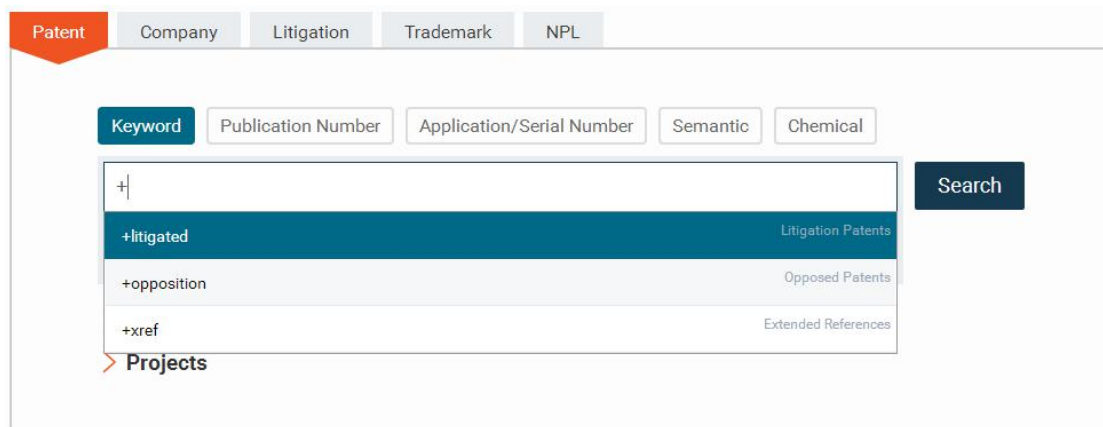
在检索框输入 "@" 会显示字段提示：



The screenshot shows the search interface with the 'Patent' tab selected. The search input field contains '@'. A dropdown menu is open, listing various search operators and their corresponding search fields:

Search Operator	Search Field
@*	All-field Search
@(abstract,claims,title)	Abstract, Claims & Title
@abstract	Abstract
@examiner	Examiner
@applicationNumber	Application/Serial Number
@body	Patent Specification
@claims	Claims
@inventor	Inventor
@legalStatus	Legal Status
@normOrgName	Current Assignee (norm)
@organizationName	Current Assignee (text)
@origOrgName	Original Assignee (text)
@patentNumber	Publication Number

输入 “+” 会出现范围提示，可选择在诉讼、异议、参考文献中检索：



The screenshot shows the search interface with the 'Patent' tab selected. The search input field contains '+'. A dropdown menu is open, listing search operators for litigation, opposition, and extended references:

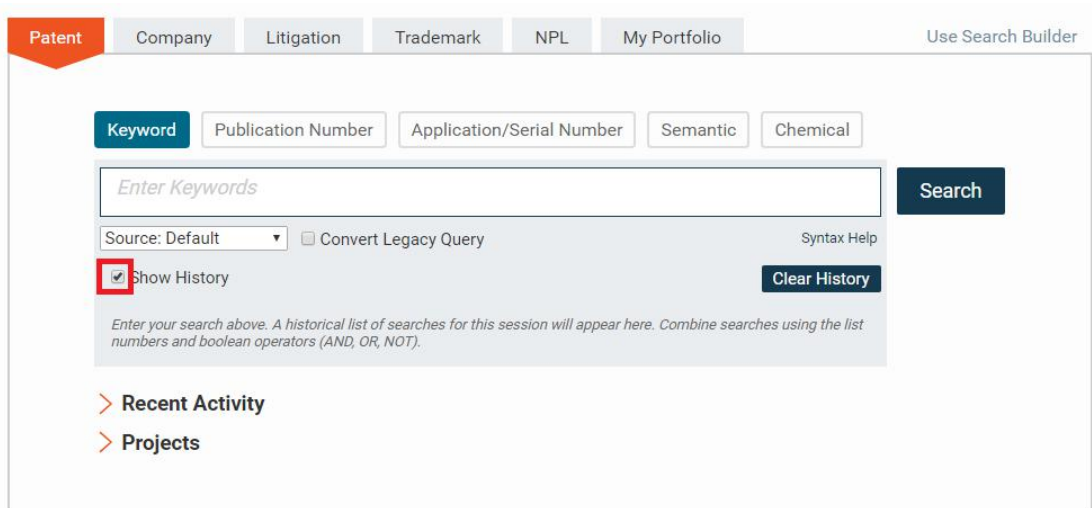
+litigated	Litigation Patents
+opposition	Opposed Patents
+xref	Extended References

Below the dropdown menu, there is a link labeled 'Projects' with a right-pointing arrow.

关键词预检索可以帮助用户快速得知检索式的专利数量，即便是百万级别的数据量也能在短时间内显示，通过专利数量用户可以快速掌握检索式是否出现明显的问题，从而进行检索式的调整。

专利关键词检索框下新增了“Show History” 按键，勾选可显示历史检索式及检索式对应的专利数量。勾选此按键后，输入检索式点击检索，默认不进入检索结果页面，如需查看检索式的具体检索结果，需点击检索历史进行查看。如不需要此功能，取消勾选“Show History”

即可关闭。



Patent Company Litigation Trademark NPL My Portfolio Use Search Builder

Keyword Publication Number Application/Serial Number Semantic Chemical

Enter Keywords Search

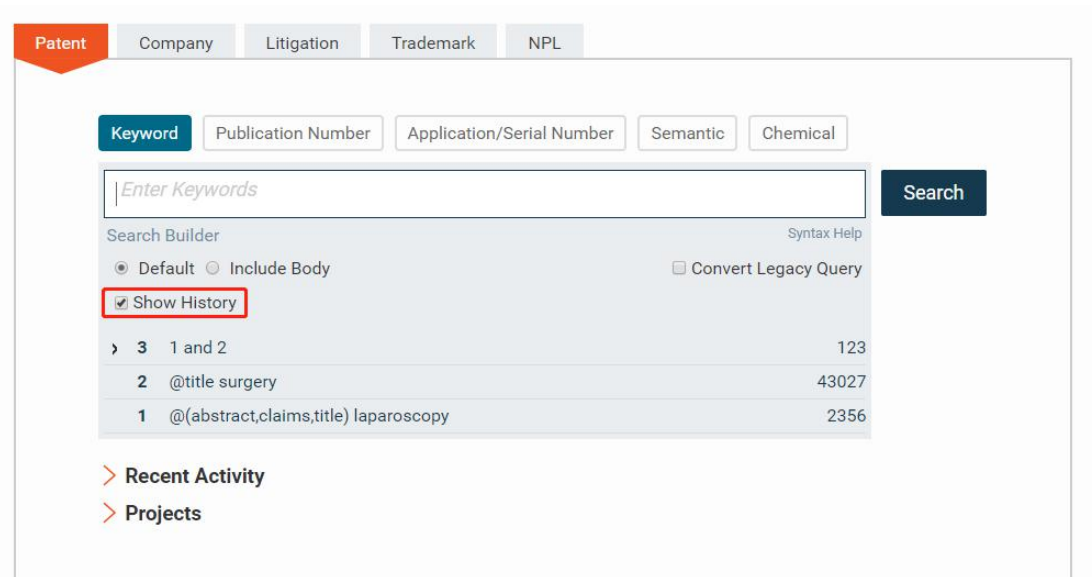
Source: Default Convert Legacy Query Syntax Help

Show History Clear History

Enter your search above. A historical list of searches for this session will appear here. Combine searches using the list numbers and boolean operators (AND, OR, NOT).

> Recent Activity
> Projects

系统支持对检索历史进行组合运算，用户可使用 AND, OR, NOT 逻辑运算符对历史检索式进行逻辑运算。



Patent Company Litigation Trademark NPL

Keyword Publication Number Application/Serial Number Semantic Chemical

Enter Keywords Search

Search Builder Syntax Help

Default Include Body Convert Legacy Query

Show History

> 3	1 and 2	123
2	@title surgery	43027
1	@(abstract,claims,title) laparoscopy	2356

> Recent Activity
> Projects

支持用户自定义词语来替代常用检索式，并且此词语也可与其他检索式进行组合运算。

在账号偏好设置的 Query Favorites，用户可自行选择关键词来替代某条检索式，适用于专利、公司、诉讼及商标检索。

Query Favorites

\$Keyword -- Select Type - Query String

\$test patent @title laparoscopy and surgery

You searched Patent Keywords for

Default
 Include Body

Refine

Reduce Options

Family Reduction Options:

Simple (EPO) Family
 Extended (INPADOC) Family
 Application/Case

Results: 2814 Patents, 0 Selected

	<input type="checkbox"/>	<input type="checkbox"/>	Patent Number	Title
1	<input type="checkbox"/>	<input type="checkbox"/>	WO2007065237 A2	Integrated digital set for laparoscopy surgery
2	<input type="checkbox"/>	<input type="checkbox"/>	MXPA02009959 A	Robotic assistant for laparoscopy surgery.
3	<input type="checkbox"/>	<input type="checkbox"/>	KR101089101 B1	Retract apparatus for laparoscopy surgery

高级检索界面如下，可以直接在表格中输入检索词进行检索，提供了很大方便，并且在表格中输入检索词后，上方会自动生成检索式：

Home Projects Playbooks PatentIQ Alerts Jobs History

Patents Litigation Trademarks

检索字段

Title & Abstract

Title, Abstract & Claims

Title

Abstract

Claims

Body / Description

Publication Number

Application/Serial Number

Source

Priority Date

Filing Date

Publish Date

Expiration Date

Organization (Current Assignee)

Filter Options

Status 有效、过期 Active Expired

Grants/Applications 授权、申请 Grants Only Applications Only

Types 专利类型 Utility patents Design patents Plant patents

Legal Status 法律状态 Abandoned applications Terminal disclaimers Litigated Reissued patents Reassignments Multiple assignees Failure to pay fees

检索结果界面如下：

Home Projects Playbooks PatentIQ Alerts Jobs History

INNORAPHY

You searched Patent Keywords for **Results: 51971 Patents, 0 Selected 检索结果**

Default Include Body

Refine

Reduce Options

Jurisdictions

Filter Options

Organizations

Dates

Classifications

Projects

Inventors

Strength

Technical Standards

View By Results

Table Grid Image Grid Summary View

Custom 4D Heatmap Bubble Line Bar

Organization Heat Pie Bubble (Market) Grouped

CP Class Tree Pie Line (Date) Circle Packing Grouped

Dates Tree Pie Line (Date) Circle Packing Grouped

Classifications Tree Pie Line (Date) Circle Packing Grouped

Expiration Year Line (Future Expiration) Line (Expiration)

Priority Year Bar (Source) Line (Source) Grouped

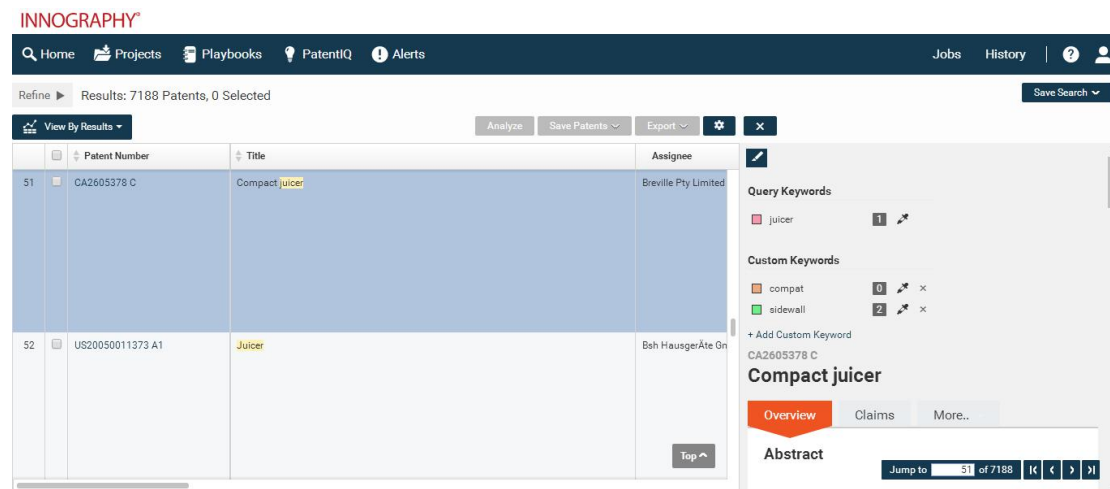
Assignee

and control method Hella Kgaa Hueck & Co.

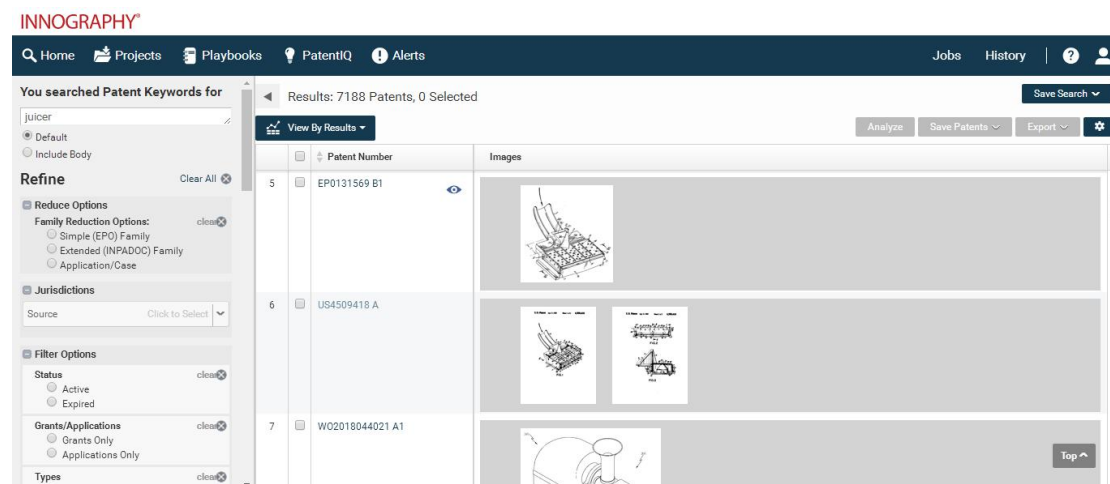
Digence Co., Ltd.; Woo, In Koo

在检索结果浏览上，还有快速预览视图、全附图视图以及图文摘要视图等，用户可根据需要选择最适合分析需求的浏览视图。

快速预览视图：相比于原来白底黑字的预览模式，现在点击专利号右侧的“眼睛”图标，预览界面将会出现在专利号列表的右侧，而不会覆盖检索结果列表；其次，点击专利号列表右下方的“Top”，可以直接回到列表顶端，预览界面右下方“Jump to”支持输入数字后跳转到指定编号的专利进行预览，并且预览界面也支持检索词高亮显示。



全附图视图：对于半导体、机械等领域的有大量看附图需求的审查员、技术人员而言，将是个福音。



图文摘要视图：可以快速查看附图、摘要以及一些著录目录项目的检索结果浏览模式。

The screenshot shows the INNOGRAPHY patent search interface. On the left, there are search filters for 'juicer' with options to refine results by 'Reduce Options', 'Jurisdictions', and 'Filter Options'. The main area displays search results for 'Fruit cutter and juicer' and 'Cutter and juicer', including patent numbers, assignees, inventors, and publication dates.

可以对检索结果进行以下筛选：

同族去重标准筛选，审查国家/组织的筛选，不但可以限定专利国家/组织，还可以实现专利申请/授权的分离。

同族去重标准筛选：

可按照 EPO 简单同族去重、INPADOC 扩展同族去重，去重保留的专利是按照 setting 中自定义设置的原则进行保留的。或者只保留同一申请号中最新公开文本的原则进行去重。

The screenshot shows the 'Reduce Options' section of the software. Under 'Family Reduction Options', there are three radio buttons: 'Simple (EPO) Family', 'Extended (INPADOC) Family', and 'Application/Case'. Red text annotations are overlaid on the right side of the image, reading: '简单同族', '扩展同族', and '保留同一申请号中最新公开的文本'.

审查国家/组织的筛选：

Jurisdictions	
Source	Click to Select
View All Sources	55
South Korea Applications	3183
China Applications	专利申请 339
United States Applications	1991
South Korea Grants	1739
Japan Applications	986
WIPO Applications	877
United States Grants	761
Japan Grants	专利授权 494
China Grants	449

筛选选项，可对专利的法律状态进行筛选，需注意该法律状态主要是对美国专利的法律状态进行了细化：

Filter Options	
Status	有效、过期 clear
<input type="radio"/> Active	
<input type="radio"/> Expired	
Grants/Applications	授权、申请 clear
<input type="radio"/> Grants Only	
<input type="radio"/> Applications Only	
Types	专利类型 clear
<input type="radio"/> Utility patents	发明专利
<input type="radio"/> Design patents	外观设计专利
<input type="radio"/> Plant patents	植物专利
Legal Status	法律状态 clear
<input type="checkbox"/> Abandoned application	放弃申请
<input type="checkbox"/> Terminal disclaimers	期末放弃
<input type="checkbox"/> Litigated	涉诉
<input type="checkbox"/> Litigated Family	涉诉家族
<input type="checkbox"/> Reissued patents	再版专利
<input type="checkbox"/> Reassignments	转让
<input type="checkbox"/> Multiple assignees	联合申请
<input type="checkbox"/> Failure to pay fees	逾期不缴年费致专利失效

专利权人筛选，可以查看全部专利权人并选择 1 个或多个专利权人的专利：

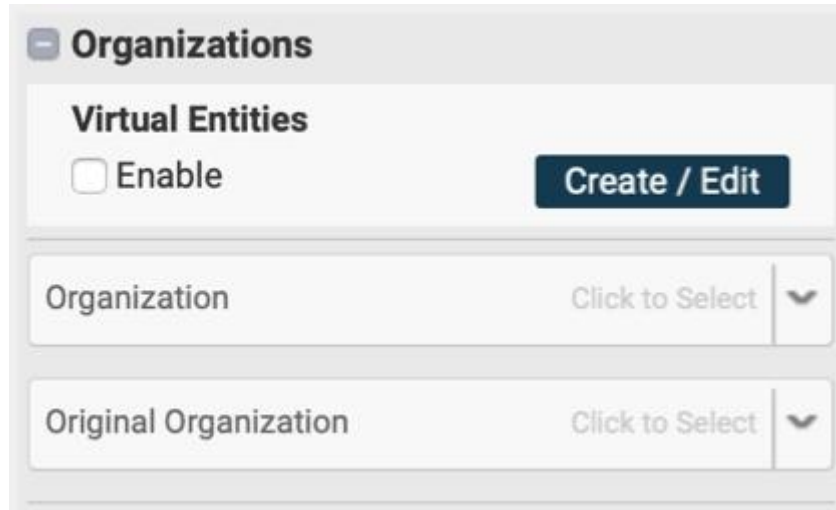
Organization	Click to Select
View All Organizations	57525
Unassigned	121795
Schlumberger Limited	44320
Halliburton Company	35079
Baker Hughes Incorporated	29793
Royal Dutch Shell plc	12610
Weatherford International Ltd.	12510
China National Petroleum Corporation	12411
Sandvik AB	6823
Exxon Mobil Corporation	6816

此次版本新增了虚拟实体功能：虚拟实体为用户实现了分配和组合专利集合的灵活性，以满足不同类型分析的需求：

- 模拟公司合并、收购、分拆对专利集合的影响
- 用户可以查看竞争对手宣布的交易将如何影响他们的专利集合
- 比较集团内各个子公司的专利集合
- 更改母公司的分配以满足用户的分析需求（例如 Samsung SDI 并非 Samsung 持大部分股权，但用户可能希望把它的专利集合归并到 Samsung 的专利集合内）
- 创建别名以替换母公司或子公司的名称（例如把“Alphabet”改名为“Google”）

使用步骤：

- 新建一个新的虚拟实体
- 开始检索：作专利检索、诉讼检索等
- 在筛选栏展开“organizations”，勾选虚拟实体的“Enable”，点击“create/edit”
- 输入一个新的虚拟实体名称——用户想显示的新机构名称
- 在按专利集合大小排序的列表中选择目标机构进行合并，或者在列表直接检索机构
- 点击“apply changes”，然后点击“close”



Organizations

Virtual Entities

Enable Create / Edit

Organization Click to Select ▼

Original Organization Click to Select ▼

使用提示：

- 最多可以同时创建和使用 20 个虚拟实体
- 每个虚拟实体名下的机构数量无限制，但是，虚拟实体数量越多，innography 运行越慢，所以当您不需要该功能时，请去除勾选“ Enable”

- 虚拟实体的具体信息只对创建的用户可见
- 虚拟实体可以合并母公司和子公司
- 母公司或子公司只能分配给一个虚拟实体，不能同时分配给多个虚拟实体
- 当虚拟实体生效时，用户可以看到虚拟实体的名称和专利数量

被划入虚拟实体的子公司，其专利会从原来的母公司移至虚拟实体名下。请留意公司概况页面的信息不会随虚拟实体的创建而改变。

Virtual Entity Editor

Samsung Group
▼

Samsung Group

Samsung

Search
Delete

Organizations from Current Keyword Search

▶ <input checked="" type="checkbox"/> Samsung Electronics Co., Ltd.	16503
▶ <input checked="" type="checkbox"/> Samsung SDI Co., Ltd.	3493
▶ <input checked="" type="checkbox"/> Samsung Electronic Monitor Co., Ltd., Tianjin	146
▶ <input checked="" type="checkbox"/> Samsung Electro-Mechanics Co., Ltd.	113
▼ <input type="checkbox"/> Hanwha Techwin Co., Ltd.	31
<input checked="" type="checkbox"/> Samsung TechWin Co., Ltd.	16
<input type="checkbox"/> Samsung Engineering Ind Ltd.	0

Selected List: Clear All

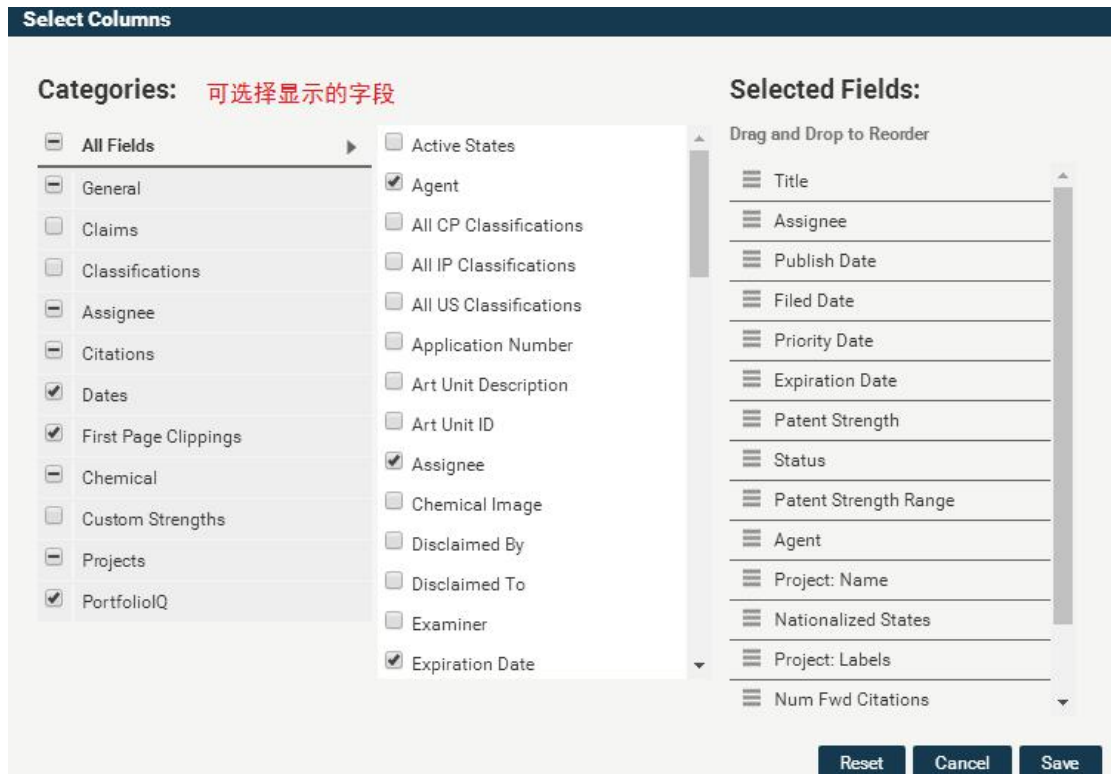
Samsung Electronics Co., Ltd.	✕
Samsung SDI Co., Ltd.	✕
Samsung Electronic Monitor Co., Ltd., Tianjin	✕
SHENZHEN SAMSUNG COMMUNICATION TECHNOLOGY RESEARCH...	✕
Samsung Ecotech	✕
Samsung Prec Ind Co., Ltd.	✕
Samsung Airspace Industrial Co., Ltd.	✕
Samsung Image Security Co Ltd	✕
Samsung STS	✕
Tianjin Samsung High-Tech Motor Co Ltd	✕
SAMSUNG HOME KOREA CO., LTD.	✕
ADVANCED TECHNOLOGY CO., LTD. SAMSUNG ELECTRO-MECH...	✕

Other Matching Organizations

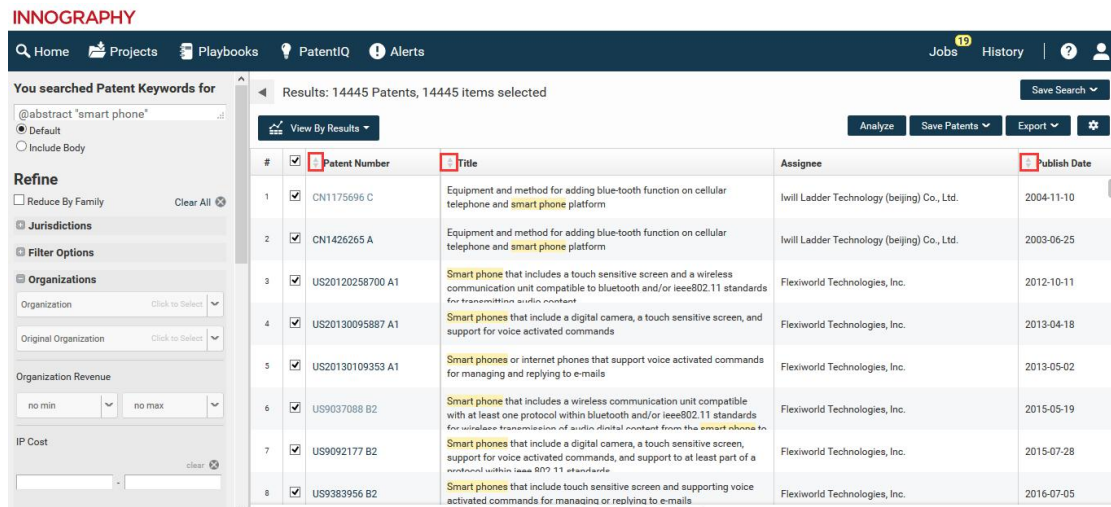
<input checked="" type="checkbox"/> SHENZHEN SAMSUNG COMMUNICATION TECHNOLOGY RES...	99
<input type="checkbox"/> SAMSUNG TIANJIN MOBILE DEVELOPMENT CENTER	96
<input checked="" type="checkbox"/> Samsung Ecotech	9
<input checked="" type="checkbox"/> Samsung Prec Ind Co., Ltd.	9
<input checked="" type="checkbox"/> Samsung Airspace Industrial Co., Ltd.	9
<input checked="" type="checkbox"/> Samsung Image Security Co Ltd	9
<input type="checkbox"/> Samsung STS	0

Apply Changes
Close

检索结果的**列表显示**字段用户可以通过齿轮键选择各自感兴趣的字段进行显示,其中包括了**标题、相关性、申请号、公开号、法律状态、专利权人、CPC、IPC、US 分类、优先权日、申请公开日、授权日、失效日、发明人、发明人地区、审查国家/组织、专利强度、最新法律状态原因、诉讼数量**等众多可自由选择显示的字段。



在相关列表结果显示界面可以通过字段旁边的上下箭头对显示结果进行排序。



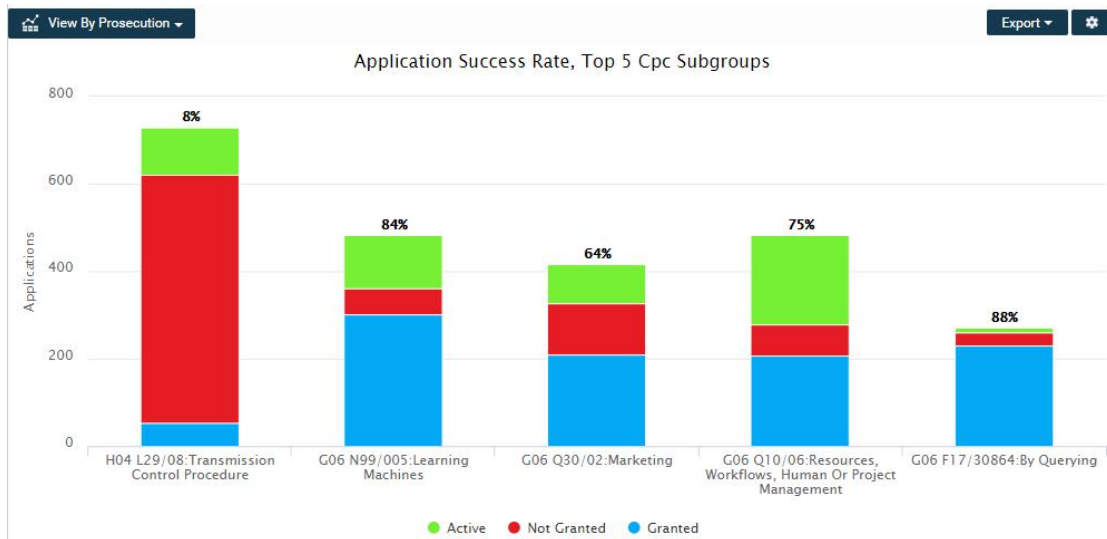
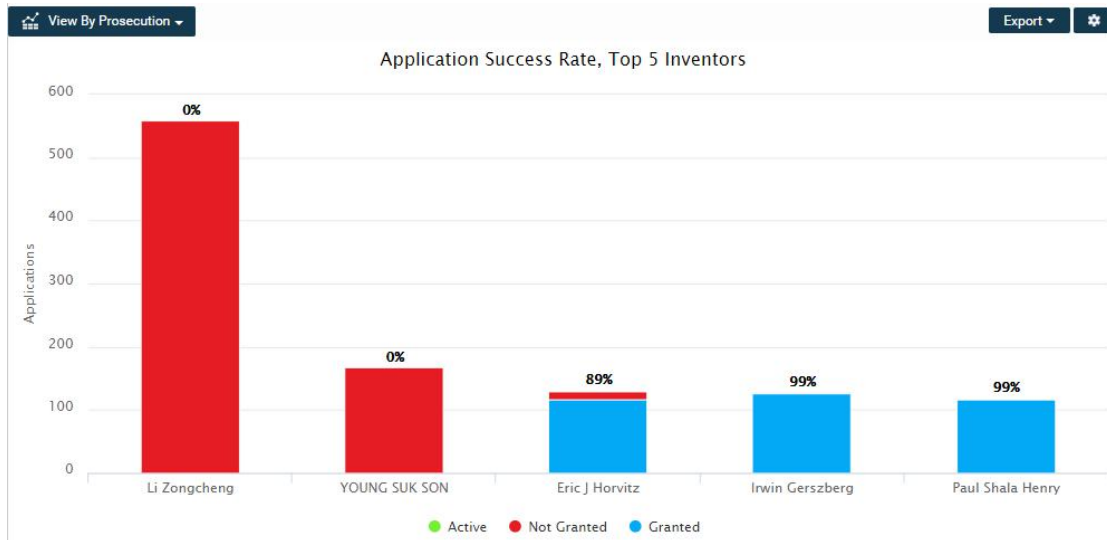
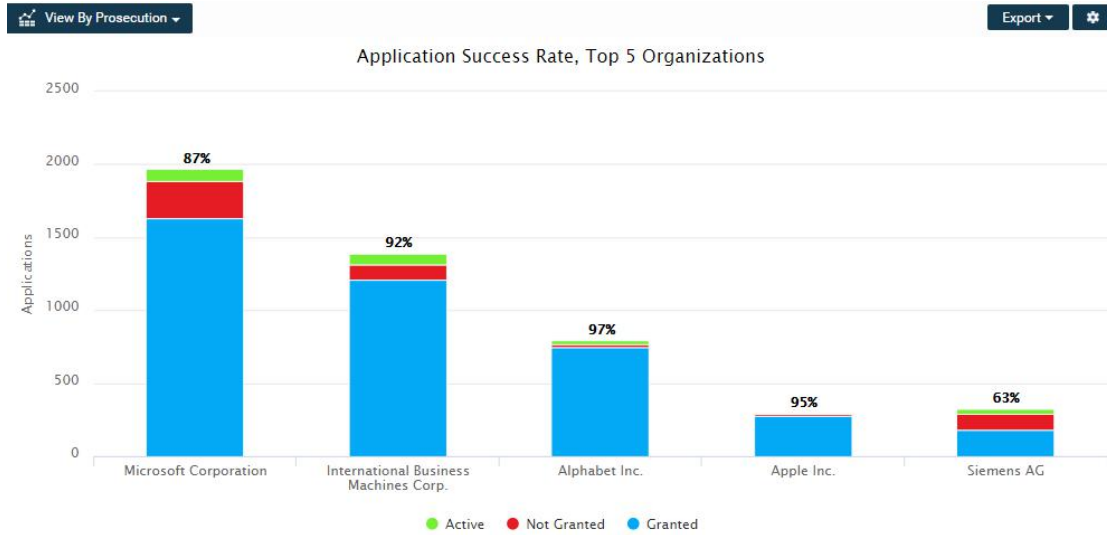
除了对检索进行简单的列表显示之外，还可以对**专利权人、CPC、IPC、USP 分类、优先权年、公开年、申请年、失效年份、发明人、发明人地区、审查国家/组织、标签、专利强度**等统计指标进行可视化显示。

可视化显示可以选择 **Custom 4D 图、树图(Tree)、热力图(Heat)、气泡图(Bubble)、饼图(Pie)、线性图(Line)、柱状图(Bar)、世界地图(World)、列表(Grouped)、雷达图(Radar)、圆形装填视图 (Circle Packing Visual)**。

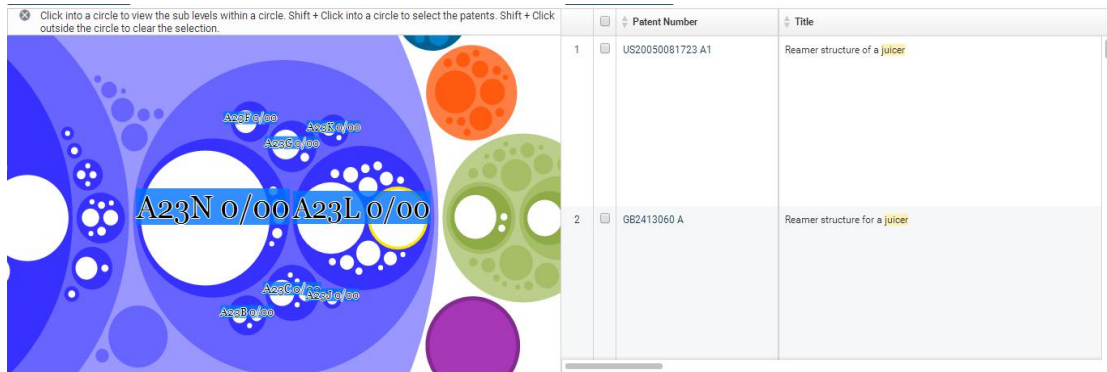
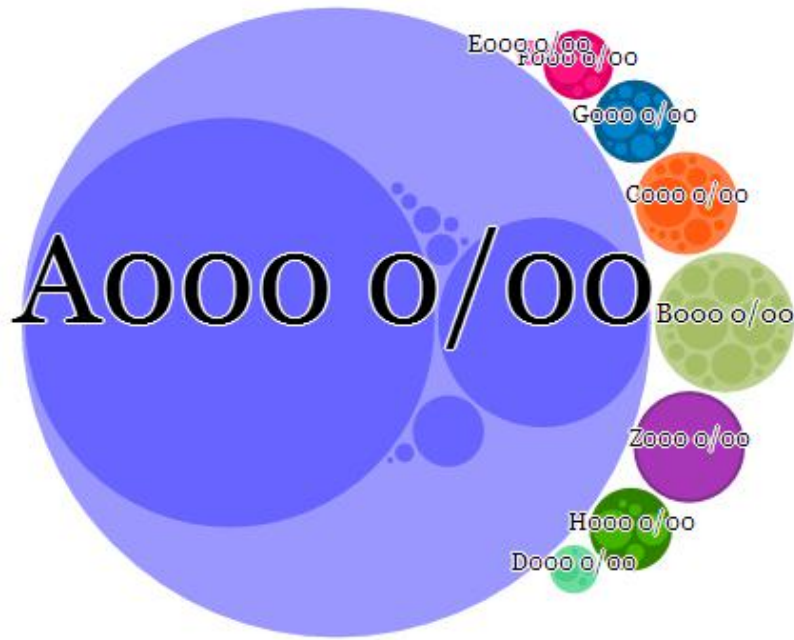
View By Results ▾

Results	Table Grid	Image Grid	Summary View	Highlights	
Custom 4D	Heatmap	Bubble	Line	Bar	
Organization	Heat	Pie	Bubble (Market)	Grouped	
CP Class	Tree	Pie	Line (Date)	Circle Packing	Grouped
IP Class	Tree	Pie	Line (Date)	Circle Packing	Grouped
USP Class	Tree	Pie	Line (Date)	Circle Packing	Grouped
Expiration Year	Line (Future Expiration)	Line (Expiration)			
Priority Year	Bar (Source)	Line (Source)	Grouped		
Filing Year	Bar (Source)	Line (Source)	Grouped		
Publication Year	Bar (Source)	Line (Source)	Grouped		
Inventor	Pie	Heat	Grouped		
Examiner	Pie	Line (Rejection Type)	Line (Art Unit)		
Prosecution 审查信息图表	Pie (Agent) 代理人饼状图	Pie (Law Firm) 律师事务所饼状图	Bar (Success Rate) 申请成功率柱状图		
Location	World	Pie	Heat	Grouped	
Source Jurisdiction	World	Grouped			
Label	Tree	Pie	Grouped		
Strength	Bar (PatentStrength)	Radar (Strength Factors)			

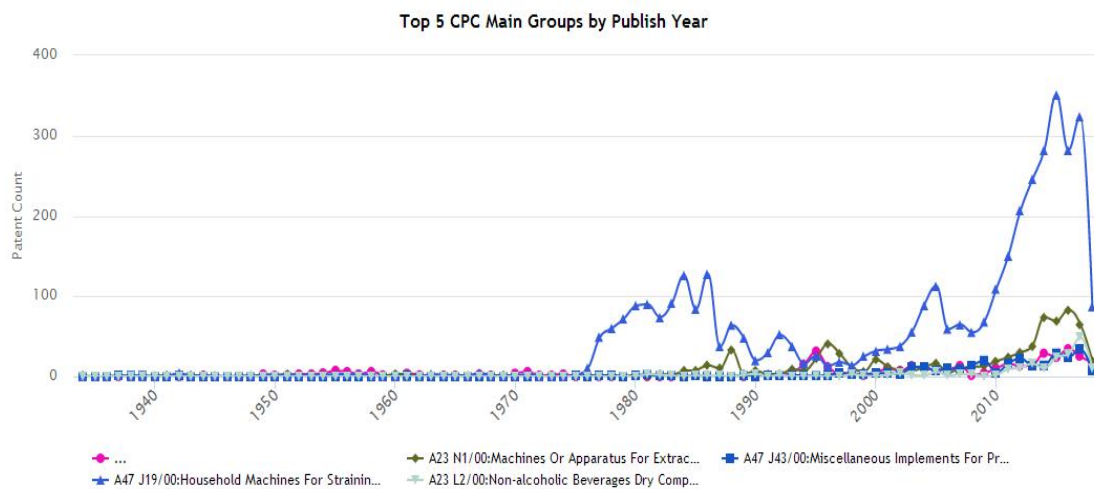
在审查信息图表中的按申请成功率分组 (Success Rate) 的柱状图，可以选择专利权人，发明人，CPC 分类三种维度，查看不同维度下的申请成功率柱状图。

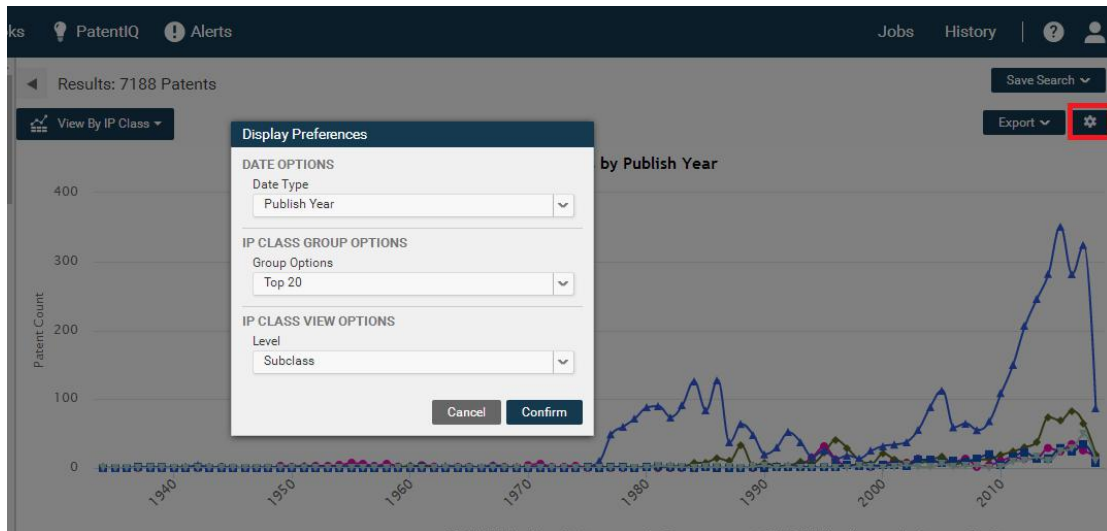


在圆形装填视图中，点击其中的圆形可以显示该圆形的下一级分类号，而“Shift+单击”可以显示该圆形对应的专利列表。



线状视图用于分析专利分类号的发展趋势，可以读懂按 CPC、IPC 或 USP 分类号归类的专利量变化，并且可以根据分析角度自定义图表统计的日期类型和选择 top5, 10 或 20 的专利分类号。



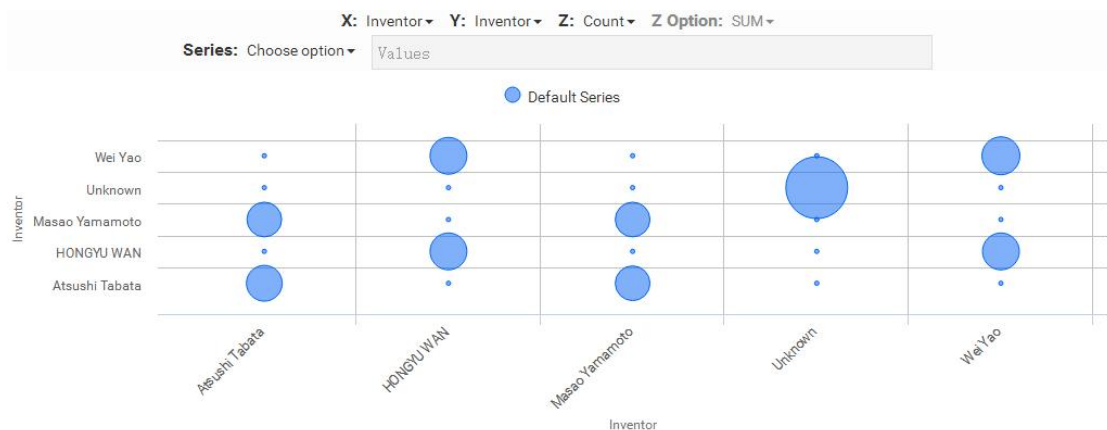


Custom 4D 热力图 (heatmap)

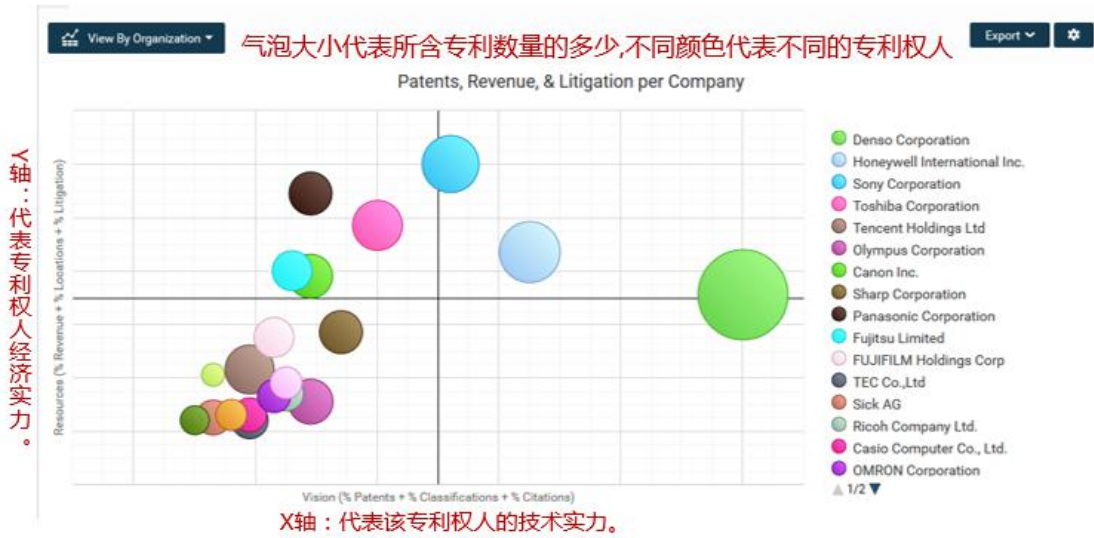


横坐标 X 轴和纵坐标 Y 轴，有些可以选择相同的坐标，这在有些分析中是别有用处的。

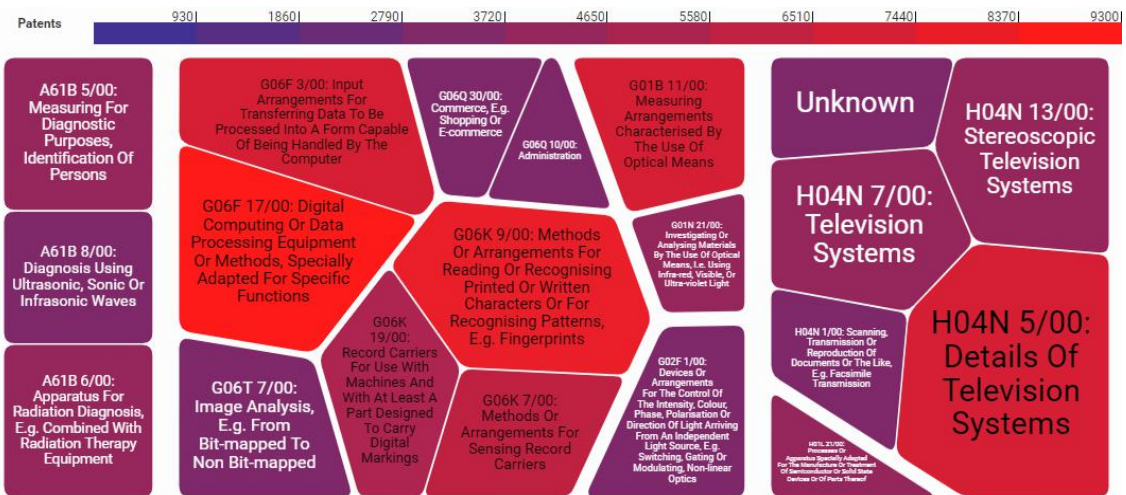
例如，X 轴和 Y 轴均选择发明人标进行分析，就可以看到不同发明人互相合作的情况。



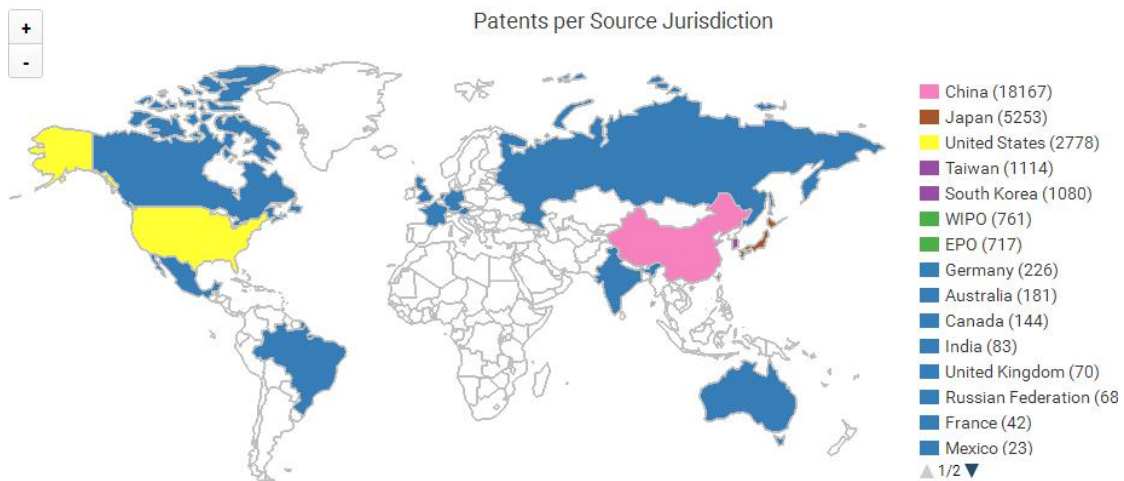
专利权人气泡图 (Bubble (Market))



IPC 分类热力图 (Tree)



专利申请国别世界地图 (World)

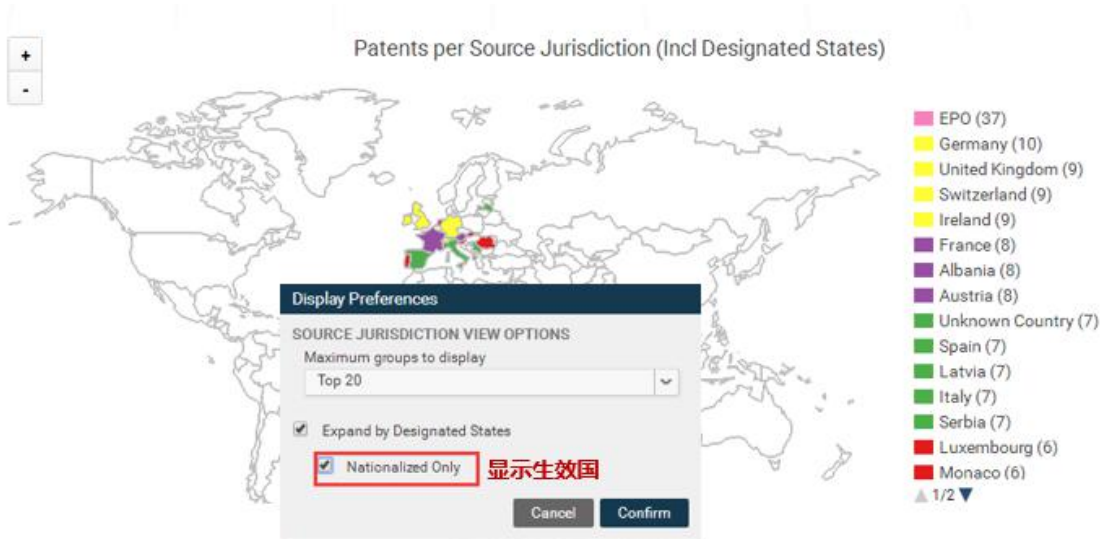


对专利申请国别的分析可统计出 EPO 专利生效国的信息，而且这些信息是经各个国家官方信息核实过的生效信息。以便我们真实了解到 EPO 专利究竟在哪些国家是有效保护的，并方便的在世界地图上予以显示。

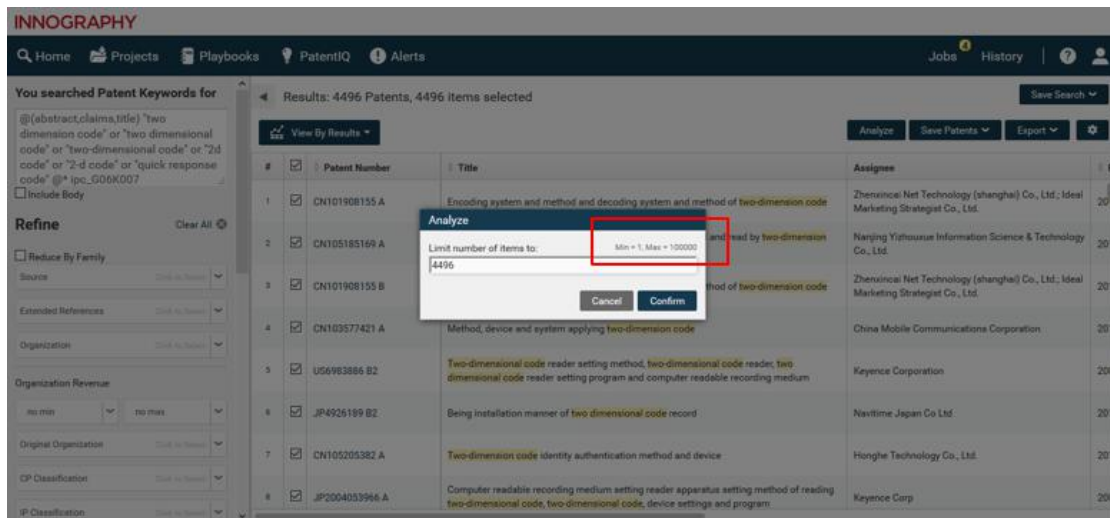
勾选 designated states，可在地图上显示 EPO 专利指定国。



勾选 nationalized only，可以统计 EPO 专利的生效国，并在地图上显示。



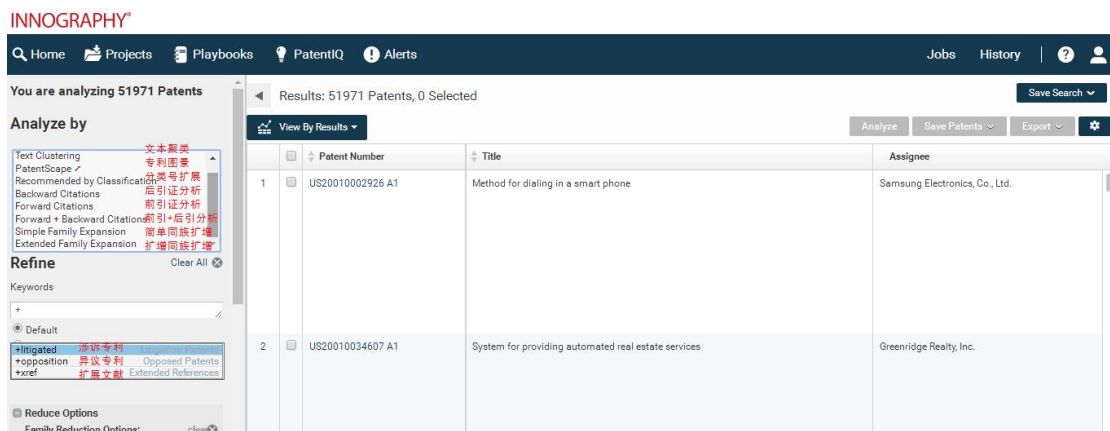
检索结果分析(Analyze)：选择检索结果，点击 Analyze，Innography 支持最大 100,000 篇的深度分析：



专利分析界面：可以对选择的 1 篇或者多篇专利进行**文本聚类、专利图景、分类号扩展、**

前后 1 级引证分析、简单同族扩增、扩展同族扩增，并且可以对结果进行**二次检索**。

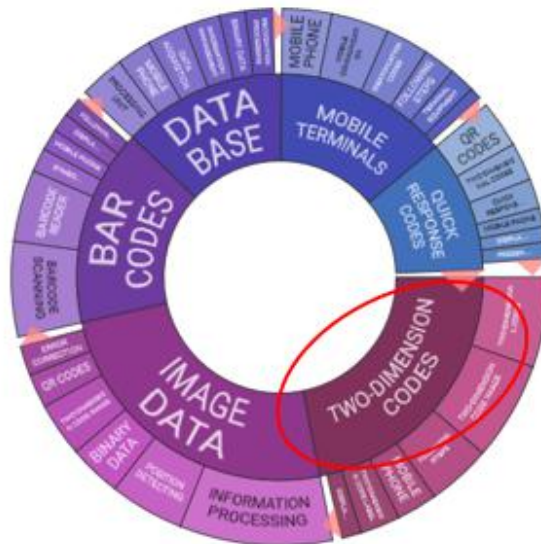
如使用二次检索结果中的诉讼或者异议专利，在检索框内输入“+”就会显示相应提示，可以直接使用如“+litigation”或者“+opposition”等筛选检索结果中的诉讼或异议专利：



点击专利号可以查看单篇专利详细信息，关于单篇专利详细信息的描述见下一节内容(**专利号检索**)。检索结果可以导出(Export)为 CSV 格式，除了常规著录项信息外，还可以导出摘要、全部权利要求、预计过期日期、前后引用量、专利强度、全部分类号等信息。

	P	Q	R	S	T	U	V	W	X	Y	Z
	All IPC Classifications	Kind Code	Priority Date	Normalized Assignee	Number of Claims	Number of Backward References	Number of Forward References	Original Assignee	Strength	Ultimate Parent	US Classification
1	G07D 7/00 G06K 9/64 G06K 9/00	A1	1992/11/30	Mars Gmbh	0	5	5	MARS INCORPORATED	10th-20th Percentile	Mars Inc	453031000
2	G07D 11/00	D1	2000/9/15	Giesecke & Dev	0	0	0	GIESECKE & DEVISEN	0th-10th Percentile	Giesecke & Dev	453031000
3	B42D 15/00 B42D 15/10 B42D 15/20	A1	1977/3/1	Bank Of Engl	0	2	5	THE GOVERNOR AND COMPTROLLER	0th-10th Percentile	Governor And C	281039000
4	G07D 7/00 G07D 7/12 G07D 7/14	A1	2000/1/24	Alaris Limited	1	3	0	DE LA RUE INTERNATIONAL	0th-10th Percentile	The Alaris Group, Inc.	
5	B65H 1/26 B65H 1/00 G07D 7/12	A1	1978/12/8	De La Rue Cros	0	2	0	DE LA RUE CROSS	0th-10th Percentile	De La Rue Pic	271163000
6	B41M 3/00 B41M 3/10 B41M 3/20	A1	1999/1/26	Cts Cashpro Sri	1	11	13	THE GOVERNOR AND COMPTROLLER	30th-40th Percentile	Governor And C	101170000
7	G07D 11/00	B2	1998/3/18	Cts Cashpro Sri	0	3	0	CTS CASHPRO SYSTEMS	10th-20th Percentile	Caspro Sa	453031000
8	G07G 1/12 G07D 7/00 G07D 7/12	A1	1979/3/27	Laurel Bank Ma	0	1	1	LAUREL BANK MA	0th-10th Percentile	Laurel Bank Ma	235099000
9	B65H 33/00 B07C 3/02 B07C 3/04	A1	1983/4/4	Kabushiki Kaish	0	2	4	TOKYO SHIBAURA BANK	0th-10th Percentile	Toshiba Corpor	271163000
10	B65H 31/24 B07C 3/02 B07C 3/04	A1	1983/4/4	Kabushiki Kaish	0	3	6	TOKYO SHIBAURA BANK	0th-10th Percentile	Toshiba Corpor	271163000
11	G07D 7/00 G07D 7/12 G07D 7/14	A2	1981/7/24	Fujitsu Limited	1	9	28	FUJITSU LIMITED	30th-40th Percentile	Fujitsu Limited	453031000
12	G07D 7/00 G06K 9/00 G06K 9/02	A1	1986/11/11	Laurel Bank Ma	0	3	12	LAUREL BANK MA	0th-10th Percentile	Laurel Bank Ma	453031000

文本聚类功能可以帮助用户快速提炼技术点，分析上限为 100,000 篇。并且可在 setting 中将不相关的词语设置为停词，从而对文本聚类结果进行调整。比如我们认为 two-dimension codes 为噪音词，想将这个词从聚类中去除。



可在个人设置中将该词设置为停词，重新对文本进行聚类后，发现这个词消失了，同样的可以设置优先显示的词，或将同义词进行合并。

Clustering Preferences

Cluster By: Title, Abstract, Claims

Cluster Stop Words/Phrases **停词**
 e.g. sodium, telephone, credit, financing

Cluster Priority Words/Phrases **优先词**
 Add priority words. One word

Cluster Thesaurus **同义词**
 e.g. New Word = Old Word
 My New Phrase = This Old Phrase
 Salt = sodium chloride, table salt, salty



文本聚类中除设置停词之外，还可通过用鼠标单击想隐藏的文本聚类的条目，同时按住 Alt 键，即可对该条目进行隐藏。如果想恢复隐藏的条目，只需要在页面上显示的隐藏条目列表后面点击恢复，就立即在聚类图上恢复显示。

View By Text Cluster Export

地形图运用了文本聚类的技术，可以帮助我们快速分析大量专利数据，获取专利集的主要技术主题。

Analyze by

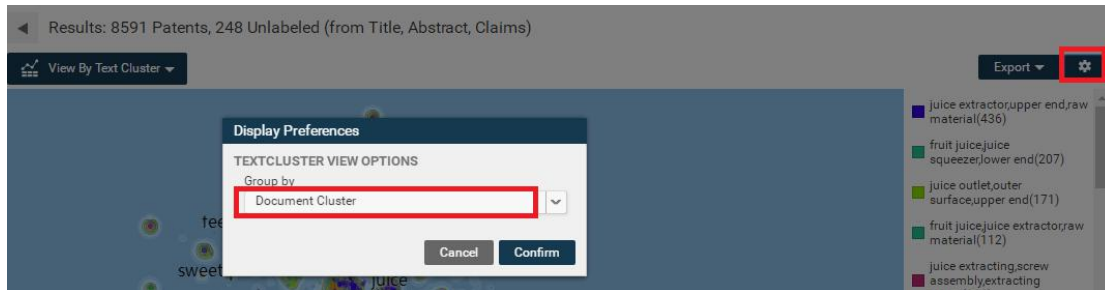
- View Patents
- Text Clustering
- PatentScape
- Recommended by Classification
- Backward Citations

View By Text Cluster

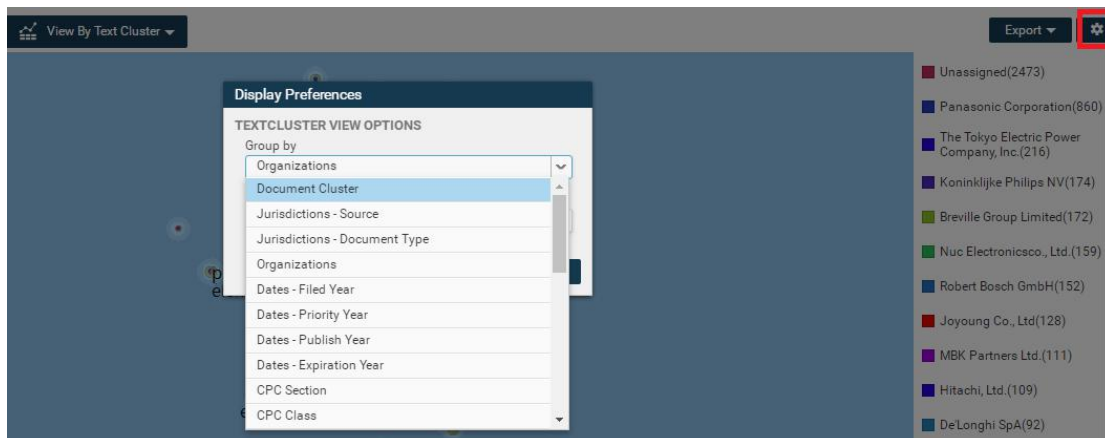
Text Cluster: Circles Terrain Grouped

地形图选择“Document Cluster”选项，专利文献被划分为不同的小组，由不同的颜色表

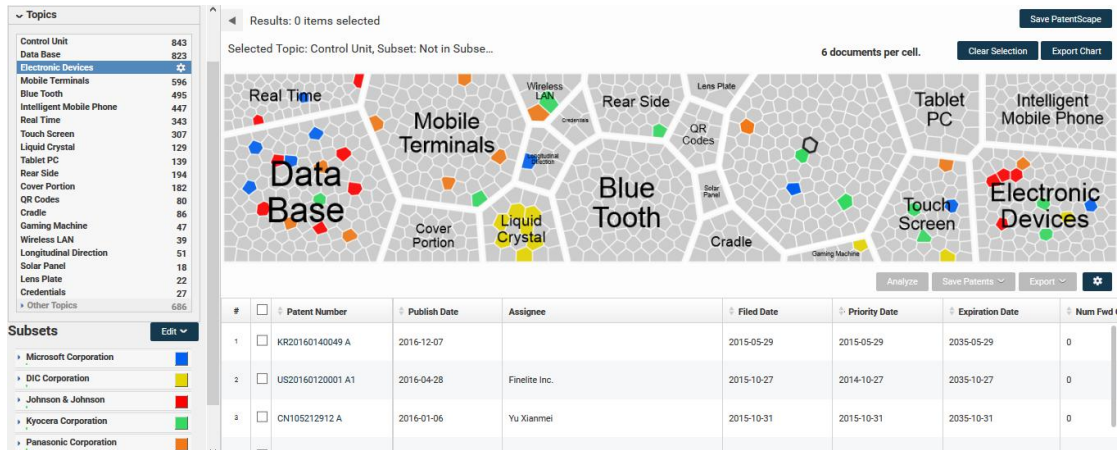
示,属于同一小组的专利文献包含最多三个共同的技术点。每篇专利文献有一个主要技术点,主要技术点一致的专利文献分布在地形图上的同一区域,区域上标有主要技术点,区域中山峰的海拔高度代表特定技术点专利文献的密度大小,密度越大,海拔越高。



地形图可以按日期、分类号、专利权人、项目、标签等对技术点进行颜色标示,提供了一种方式以可视化和快速捕捉洞察专利间的联系。



专利图景 (PatentScape) 结合 Innography 的文本聚类功能, 可以快速挖掘分析目标的技术重点, 同时还可以结合专利权人、专利分类、申请地区、授权/申请对比等衍生多种形象的图形化显示。



通过“专利图景语义”功能可以帮助用户进行更深入的分析, 在原本已经非常强大的专利图景分析功能上进行更多的概念分析。现在通过语义检索, 可将专利文本和主题进行准确定位, 反馈给用户们更加准确的结果。





2. 专利号检索

专利号格式如上所示，“US6611583” 或者 “US6611583 B1 ”，多个专利号中间用竖线“|” 或者分号 “;” 间隔,最多支持 1000 个专利号码检索。如果多个专利号检索，会显示结果列表界面。如果只有一个号码符合，会直接跳转到专利详细信息页面。

单篇专利页面提供以下内容：专利号、标题、摘要、权利要求、说明书首页图、CPC/IPC/USP 分类、①项目信息、②参考文献、③著录信息、④权利要求、⑤引证图、⑥专利说明书、⑦专利家族、⑧法律状态、⑨审查信息。提供链接至全文下载。

单篇专利可以进行单篇⑩专利分析以及生成单篇⑪专利报告

扩展检索至：简单同族专利、诉讼信息、相关商标。

INNOGRAPHY

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US9220394 B2 **专利号、标题**

Oil well perforators

专利概览 引证图 说明书 专利家族 法律状态 审查信息

分析|查找相似专利|保存|生成报告

Overview Citations Description Patent Families Legal Status Public Pair Analyze Find More Like This Save Patent Generate Report

项目信息

Project Info: Not found in any active project

摘要

An oil and gas well shaped charge perforator capable of providing an exothermic reaction after detonation is provided, comprising a housing, a high explosive, and a reactive liner where the high explosive is positioned between the reactive liner and the housing. The reactive liner is produced from a composition which is capable of sustaining an exothermic reaction during the formation of the cutting jet. The composition may be selected from any known formulation which is suitable for use in an oil and gas well perforator, typically the composition will comprise at least one metal and at least one non-metal, wherein the non-metal is selected from a metal oxide, or any non-metal from Group III or Group IV or at least two metals such as to form an intermetallic reaction. Typically at least one of the metals in the invention may be selected from Al, Ce, Li, Mg, Mo, Ni, Nb, Pb, Pd, Ta, Ti, Zn or Zr. The liner composition may preferably be a pressed particulate composition, such that the material is consolidated under pressure to form the desired shape of the liner. To aid consolidation a binder may also be added.

附图

权利要求

授权专利显示从申请到授权过程中权利要求的变化

Claim #1: A reactive, oil and gas well shaped charge perforator comprising a liner and an associated shaped charge, whereby the liner is a green compacted particulate composition formed from a powder mixture comprising at least two metal elements, and whereby the liner is reactive such that the at least two metal elements will undergo an intermetallic alloying reaction to give an exothermic reaction upon activation of the associated shaped charge, and in which the at least two metal elements are provided in respective proportions calculated to give an electron concentration of 1.5, and wherein the composition further comprises at least one further inert metal, wherein the at least one further inert metal is not capable of an exothermic reaction with the at least two metal elements upon activation of the shaped charge liner.

Claim #1 Dependents:

- A liner according to claim 1 in which one of the metals is aluminum.
- A liner according to claim 1 in which one of the metals is selected from nickel and palladium.
- A liner according to claim 1, wherein a binder is added to aid consolidation.

Claim #4 Dependents:

- A liner according to claim 4, wherein the binder is selected from a polymer.

Claim #6 Dependents:

①**项目信息**是指该专利如果被用户加入一个或多个 project，会显示相关项目名称和标签，并提供链接至项目。

②**参考文献**是指本专利涉及的科技文献、国际诉讼、标准、药物文献，点击查看相关内容。

③**著录信息**包括以下：

Patent Overview		
Status	Expired	专利状态
	Expiration Date 2016-01-22	
	Reason Expired due to legal status event	失效原因
	Note: This patent is subject to a terminal disclaimer	
Terminally Disclaimed To	US09/857104 US10/803898 US09/728090	期末放弃
Links	Full Document ↗ Legal Status ↗	链接
Downloads	PDF	PDF 下载
Priority Date	1998-12-04	
Publish Date	2008-01-22	
Filed Date	2005-06-16	
Application Number	US11/153405	申请号
Application Publication Date	2005-10-20	申请公开日
Application Publication Number	US20050231301 A1	申请公开号
Grant Date	2008-01-22	授权日
Patent Number	US7321277 B2	
Curr. Assignee	Alcatel Lucent	原始专利权人
Orig. Assignee	Alcatel	
Location	AU	所在地区
Inventors	Broad, Graham J McDonald, Noel A Williams, Charles	发明人
Law Firm	SUGHRUE MION, PLLC	
Examiner	DEAN O TAKAOKA	
# Claims	19	权利要求数量
PTO Length	2.6 years	审查时间
# Forward Citations	4	前后引用数量
# Backward Citations	7	
Strength	30th-40th Percentile	专利强度

④ 权利要求

权利要求对比 : 可了解专利从申请到授权过程中权利要求的变化, 对于了解专利权的保护范围, 确定专利的创新点, 非常有帮助。

权利要求层级显示 : 独立权利要求和从属权利要求一目了然, 并且鼠标可快速定位某一权利要求, 方便阅读。

Hide Claims Difference

Claims

权利要求对比

No.	Text
1	Difference Between This Grant's Claims and Original Application Claims
2	Deleted From Application Claims / Added To This Document
3	
4	1. A reactive, oil and gas well shaped charge liner perforator comprising a stoichiometric composition and an associated two shaped metal, whereby the liner is a green compacted particulate, in operate composition formed from a powder mixture comprising at least two metal elements, and whereby the liner is reactive such that the at least two metal elements will undergo an intermetallic alloying reaction to give an exothermic reaction upon activation of an the associated shaped charge, and in which the at least two metal elements are provided in respective proportions calculated to give an electron concentration of 1.5, and wherein the composition further comprises at least one further inert metal, wherein the at least one further inert metal is not capable of an exothermic reaction with the at least two metal elements upon activation of the shaped charge liner.
6	
7	
8	
9	
10	
11	2. A liner according to claim 1 in which one of the metals is aluminium.
5	
27	3. A liner according to claim 1 in which one of the metals is selected from nickel and palladium.
12	4. A liner as claimed in claim 1 wherein the composition is a pressed particulate composition.
13	5. A liner according to claim 1, wherein a binder is added to aid consolidation.
14	5. A liner according to claim 1, wherein at least one of the metals is coated with a binder.

权利要求层级显示

⑤ 引证图包括专利权人统计、引证时间和 CPC 分布和非专利引文信息。

US8220394 B2
Oil well perforators

Overview **Citations** Description Patent Families Legal Status Public Pair Analyze Save to Project Generate Report

Patent Citations

Forward & Backward Citations US8220394 : Oil well perforators

Y轴：CPC分类号

引用专利

关注该专利的公司

• [5] Halliburton Company	• [4] Qinetiq Group Plc	• [4] Schlumberger Limited	• [2] Surface Treatment Tec...	• [2] Orbital Atk Inc.
• [2] Baker Hughes Inco...	• [2] Lockheed Martin Corpo...	• [2] Unassigned	• [1] State Of Israel, Mini...	• [1] Los Alamos National S...
• [1] De Navy	• [1] Louisiana State Unive...	• [1] Crucible Intellectual...	• [1] Owen Oil Tools Inc	• [1] Geodynamics Inc
• [1] Olin Corporation	• [1] Lockmann, Hans, 5000...			

➤ Citation List 31 Patents

Other Citations 非专利引文

- Fischer et al., "A Survey of Combustible Metals, Thermites, and Intermetallics for Pyrotechnic Applications", published by Sandia National Laboratories (SAND 95-2448C), presented at AIAA/ASME/SAE/ASEE Joint Propulsion Conference, Lake Buena Vista, FL, Jul. 1-3, 1996, pp. 1-13.
- Jacobi et al., "Optical Properties of Ternary beta Electronphases based on NiAl₃", J. Phys. Chem. Solids, 1973, vol. 34, pp. 1737-1748. Pergamon Press. Printed in Great Britain.
- Jacobi et al., "Electrical Properties of beta-Phase NiAl₃", J. Phys. Chem. Solids Pergamon Press 1969, vol. 30, pp. 1261-1271. Printed in Great Britain.
- Mansalali et al., "Electronic Structures of Hume-Rothery Phases", Progress in Materials Science, 1978 vol. 22 pp. 151-155.
- Alexander Hardt, Incendiary Potential of Exothermic Intermetallic Reactions, Lockheed Palo Alto Research Laboratory, Technical Report AFATL-TR-71-87, Jul. 1971.

⑥ 专利说明书包括专利相关申请、发明技术领域、技术背景、发明内容、附图说明等。

30

Patent Description

FIELD OF THE INVENTION

The present invention relates to a reactive shaped charge liner for a perforator for use in perforating and fracturing well completions.

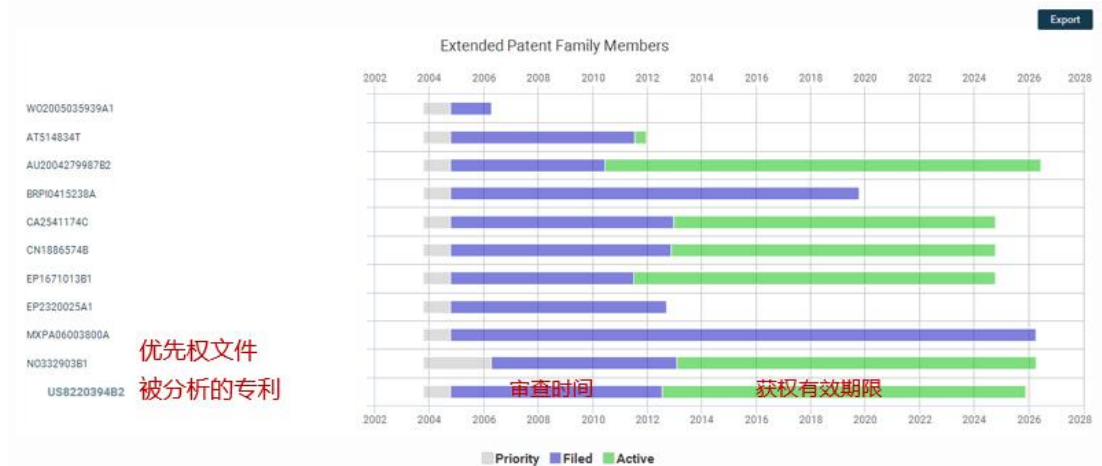
BACKGROUND TO THE INVENTION

By far the most significant process in carrying out a completion in a cased well is that of providing a flow path between the production zone, also known as a formation, and the well bore. Typically, the provision of such a flow path is carried out by using a perforator, initially creating an aperture in the casing and then penetrating into the formation via a cementing layer, this process is commonly referred to as a perforation. Although mechanical perforating devices are known, almost overwhelmingly such perforations are formed using energetic materials, due to their ease and speed of use. Energetic materials can also confer additional benefits in that they may provide stimulation to the well in the sense that the shockwave passing into the formation can enhance the effectiveness of the perforation and produce an increased flow from the formation. Typically, such a perforator will take the form of a shaped charge. In the following, any reference to a perforator, unless otherwise qualified, should be taken to mean a shaped charge perforator.

A shaped charge is an energetic device made up of a housing within which is placed a typically metallic liner. The liner provides one internal surface of a void, the remaining surfaces being provided by the housing. The void is filled with an explosive which, when detonated, causes the liner material to collapse and be ejected from the casing in the form of a high velocity jet of material. This jet impacts upon the well casing creating an aperture, the jet then continues to penetrate into the formation itself, until the kinetic energy of the jet is overcome by the material in the formation. The liner may be hemispherical but in most perforators is generally conical. The liner and energetic material are usually encased in a metallic housing, conventionally the housing will be steel although other alloys may be preferred. In use, as has been mentioned the liner is ejected to form a very high velocity jet which has great penetrative power.

Generally, a large number of perforations are required in a particular region of the casing proximate to the formation. To this end, a so called gun is deployed into the casing by wireline, coiled tubing or indeed any other technique known to those skilled in the art. The gun is effectively a carrier for a plurality of perforators that may be of the same or differing output. The precise type of perforator, their number and the size of the gun are a matter generally decided upon by a completion engineer based on an analysis and/or assessment of the characteristics of the completion. Generally, the aim of the completion engineer is to obtain an appropriate size of aperture in the casing together with the deepest possible penetration into the surrounding formation. It will be appreciated that the nature of a formation may vary both from completion to completion and also within the extent of a particular completion. In many cases fracturing of the perforated substrate is highly desirable.

⑦**专利家族**指的是扩展同族，可以进行可视化显示，查看专利家族成员的申请时间、有效时间以及失效时间。快速辨别同族专利家族中的优先权专利，审查中专利和有效专利。



⑧**法律状态**包括专利授权、转让、维持等信息。

Legal Status

转让 维持
 Assignment Maintenance View All

- Jan 6, 2010 ASSIGNMENT**
 Owner Name: QINETIQ LIMITED
 Assignor: BOURNE, BRIAN;BATES, LESLIE RAYMOND
(effective Feb 22, 2006) ASSIGNMENT OF ASSIGNORS INTEREST
- Jan 6, 2010 ASSIGNMENT**
 Owner Name: QINETIQ LIMITED
 Assignor: BATES, LESLIE RAYMOND;BOURNE, BRIAN
(effective Feb 22, 2006) ASSIGNMENT OF ASSIGNORS INTEREST
- Aug 15, 2014 ASSIGNMENT**
 Owner Name: GEODYNAMICS, INC.
 Assignor: QINETIQ LIMITED
(effective Jul 10, 2009) LICENSE
- Jan 5, 2016 FEE PAYMENT**
(No Effective Date Available)

⑨ 审查信息

可以查看专利的审查通过率以及审查时间等信息。

US9229913 B2
Font processing method for maintaining e-document layout

Overview Citations Description Patent Families Legal Status **Prosecution** Analyze Save to Project Generate Report

Probability of Allowance: - Status: Granted
Filed date: 2013-09-10
USPTO status: 2015-12-16
Last Correspondence: 2015-12-16 Estimated Time to Grant: -

Allowance Rate	Benefit of Interview	Benefit of Appeal	Benefit of RCE	Timings	Correspondences	Export Public Pair
	Mail Room Date	Document Code	Document Description	Document Category	Page Count	
	2015-12-16	ISSUE.NTF	Issue Notification	PROSECUTION	1	
	2015-11-25	IFEE	Issue Fee Payment (PTO-85B)	PROSECUTION	2	
	2015-11-25	N417	EFS Acknowledgment Receipt	PROSECUTION	2	
	2015-11-25	N427	Post Allowance Communication - Incoming	PROSECUTION	1	
	2015-11-25	WFEE	Fee Worksheet (SB-06)	PROSECUTION	2	
	2015-11-13	892	List of references cited by examiner	PROSECUTION	1	
	2015-11-13	IIFW	Issue Information including classification, examiner, name, claim, renumbering, etc.	PROSECUTION	3	

<< 1/6 >>

⑩ 专利分析

单篇专利提供**分类分析**、**引证挖掘**(前后 3 级引用专利)、**引证分析**、**无效分析**(前 3 级被引专利)和**侵权分析**(后 3 级施引专利)。**滑动相似度**进行结果匹配，获得最为相似的专利。同时可以进行二次检索以及专利权人、时间、专利强度等著录项的筛选。显示界面可视化选项与其他功能一致。

You are analyzing US8220394B2 Results: 706847 Patents, 0 items selected

Analyze by: Classification Analysis, Citation Mining, Invalidation, Infringement, Forward Citations, Backward Citations, Forward + Backward Citations

Refine: Keywords, Include Body, Reduce By Family, Similarity (Low to High), Source

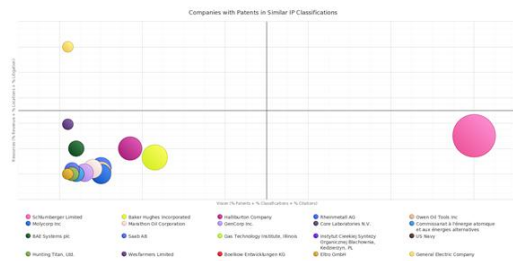
分类分析
引证挖掘
无效分析
侵权分析
引证分析

#	Patent Number	Title	Assignee
1	CA2933225 A1	Consistent entry hole shaped charge	Hunting Titan, Inc.
2	CA2933439 A1	Low angle bottom circulator shaped charge	Hunting Titan, Inc.
3	US20160245053 A1	Shaped charge system having multi-composition liner	Schlumberger Technology Corporation
4	BE551007 A		
5	CH331626 A	Procédé pour la fabrication en continu d'éléments en matière plastique armée et machine pour la mise en oeuvre de ce procédé	Blanchard, Roger
6	CH361232 A	Charge creuse	Societe De Prospection Electrique Procèdes Schlumberger
7	DE1182999 B	Hollow charge with exothermically reacting lining	Societe De Prospection Electrique Procèdes Schlumberger

①专利报告

报告内容包括专利基本信息、竞争对手气泡图、专利摘要文本、权利要求分析、引证分析、诉讼分析、专利权人分析、发明人分析等。可以下载并保存为 word 格式。

Priority Date: 2003-10-10
 Publication Date: 2012-07-17
 Current Assignee: Qinetiq Limited
 Filed Date: 2004-10-08
 Expiration Date: 2025-11-19
 (aka Qinetiq Group Plc)
 Location: GB
 Inventors: Bates, Leslie Raymond, Bourne, Brian
 Claims: 28
 Forward Citations: 8
 Simple Family Members: 17
 PTO Length: 7.78 years
 Backward Citations: 23
 Litigation: yes



formulation which is suitable for use in an oil and gas well perforator typically the composition will comprise at least one metal and at least one non-metal wherein the non-metal is selected from a metal oxide or any non-metal from Group III or Group IV or at least two metals such as to form an intermetallic reaction. Typically at least one of the metals in the invention may be selected from Al Ce Li Mg Mo Ni Nb Pd Ta Ti Zr or Zr. The liner composition may preferably be a pressed particulate composition such that the material is consolidated under pressure to form the desired shape of the liner. To aid consolidation a binder may also be added.

Claims Analysis

Independent Claims: 2
 Dependent Claims: 26
 Total Claims: 28

Shortest Independent Claim: #1 (131 words)

A reactive, oil and gas well shaped charge perforator comprising a liner and an associated shaped charge, whereby the liner is a green compacted particulate composition formed from a powder mixture comprising at least two metal elements, and whereby the liner is reactive such that the at least two metal elements will undergo an intermetallic alloying reaction to give an exothermic reaction upon activation of the associated shaped charge, and in which the at least two metal elements are provided in respective proportions calculated to give an electron concentration of 1.5, and wherein the composition further comprises at least one further inert metal, wherein the at least one further inert metal is not capable of an exothermic reaction with the at least two metal elements upon activation of the shaped charge liner.

Organization	Vision (% Patents + % Classifications + % Citations)	Resources (% Revenue + % Locations + % Litigation)	Patents
Schlumberger Limited	100	30	129
Baker Hughes Incorporated	23	13	35
Halliburton Company	18	20	23
Rhoneplast AG	11	5	14
Owen Oil Tools Inc.	10	0	13
MolyCorp Inc.	10	0	13
Mawson Oil Corporation	9	5	11
GenCorp Inc.	7	1	9
Cone Laboratories N.V.	5	1	6
Commissariat à l'énergie atomique et aux énergies alternatives	5	0	6
B&E Systems Inc.	5	20	5
Saab AB	4	3	5
Gas Technology Institute, Illinois	3	0	4
Instytut Chemii i Techniki Organicznej Białochowia, Kielce, Poland	3	0	4
US Navy	3	0	4
Hunting Titan, Ltd.	3	0	4
Westermans Limited	2	40	3
Berkow Entwicklungen KG	2	0	3
Euro GmbH	2	0	3
General Electric Company	2	100	3

Abstract

An oil and gas well shaped charge perforator capable of providing an exothermic reaction after detonation is provided comprising a housing a high explosive and a reactive liner where the high explosive is positioned between the reactive liner and the housing. The reactive liner is produced from a composition which is capable of sustaining an exothermic reaction during the formation of the cutting jet. The composition may be selected from any known

Longest Independent Claim: #28 (132 words)

A reactive oil and gas well shaped charge perforator comprising a liner and an associated shaped charge, whereby the liner is a green compacted particulate composition formed from a powder mixture comprising two metal elements, nickel and aluminium, and whereby the liner is reactive such that the two metal elements will undergo an intermetallic alloying reaction to give an exothermic reaction upon activation of the associated shaped charge, and in which the two metal elements are provided in respective proportions calculated to give an electron concentration of 1.5, thereby forming the intermetallic compound NiAl, and wherein the composition further comprises at least one further inert metal, wherein the at least one further inert metal is not capable of an exothermic reaction with the two metal elements upon activation of the shaped charge liner.

Classification Analysis

IP Classifications: 3
 F42B 1/02: Shaped or hollow charges
 E21B 43/117: Shaped-charge perforators
 F42B 1/032: characterised by the material of the liner

Litigation Analysis

Plaintiffs: (Qinetiq Group plc: 1 case)

Defendants: (Hon David J Kappos: 1 case)

Cases:
56895.1:2012cv01443: Qinetiq Limited v. Kappos (filed: 2012121400)

Assignee Analysis

Ultimate Parent: QinetiQ Group plc
Website: <http://www.qinetiq.com/>
Market Cap: \$ 1,868,402,945
Annual Revenue: \$ 1,081,125,886
Location: London, ENG SW1E, United Kingdom
Employees: 6250

Inventor Analysis

Total Patents by Inventor: 16 (Brian Bourne: 58, Leslie Raymond Bates: 14, Kenneth Graham Cowan: 13, PETER NORTON JONES: 9, ROGER HILL WARREN: 9, NATHAN GARRETT CLARK: 7, John Michael Jenkins: 2, Peter N Jones: 2, Roger H Warren: 2, PETER JOHN HUBBARD: 2)

Other Work: 10 (see below)

1. EP1671013 A1: Improvements in and relating to oil well perforators
2. WO2005035939 A1: Improvements in and relating to oil well perforators
3. CA2541174 A1: Improvements in and relating to oil well perforators
4. BRPI0415238 A: Recobrimento de carga oca reativa, perfurador de carga oca, canhão de perfuração e métodos de completar um poço de petróleo ou gás e de melhorar o fluxo de saída de fluido a partir de um poço
5. AU2004279987 A1: Improvements in and relating to oil well perforators
6. NO20061593 A: Forbedringer ved og knyttet til oljebrønnperforatorer
7. AU2004279987 B2: Improvements in and relating to oil well perforators

patents, the patents are grouped by the current owning organizations. Next, the matches associated with the top 20 organizations are analyzed to plot the companies on a bubble map visualization. The bubble map is essentially a 3-axis map, with the size of the bubble (representing # of matches) acting as the third axis.

文档结尾 ■

8. EP2320025 A1: Improvements in and relating to oil well perforators
9. EP1671013 B1: Improvements in and relating to oil well perforators
10. AT514834 T: Verbesserungen bei Ölbohrlochperforatoren und diese betreffend

Citation Analysis

Backward Citations: 23 (Schlumberger Limited: 3, Halliburton Company: 2, Orbital ATK Inc.: 2, Surface Treatment Technologies, Inc.: 2, Unassigned: 2, Los Alamos National Security, LLC: 1, Geodynamics Inc.: 1, Baker Hughes Incorporated: 1, QinetiQ Group plc: 1, State Of Israel, Ministry Of Defence, Israel Military Industries The: 1)

Forward Citations: 8 (<|>(Halliburton Company: 3, QinetiQ Group plc: 2, Schlumberger Limited: 1, Lockheed Martin Corporation: 1, Baker Hughes Incorporated: 1)

About the Patent Report

This patent report provides a snapshot of the dynamic information associated with the patent on the day the report was generated. Patent data is updated in Innography weekly on Monday morning. Please see the Innography documentation for more information on the update frequency of information contained in the product.

Related Company Market Map Visualization

This visualization provides information on the companies that have patents related to this patent. The related patents are calculated based on a minimum matching of International Patent Classifications. After finding all related

对于非英语国家的专利，其标题、摘要、权利要求、说明书可双语显示，只需点击页面上方的语言切换按钮，便可查看该件专利的原语言。

The screenshot shows the PatentIQ web interface for patent CN1175696 C. The title is "Equipment and method for adding blue-tooth function on cellular telephone and smart phone platform". The abstract in English reads: "The present invention relates to a method of appending a function of Bluetooth on prior cellular telephone and Smart Phone platform. The said device comprises: a human-computer interface element, a GSM/GPRS module, a Bluetooth module, an antenna, a coding and decoding means, and other peripheral devices. The said method is: not modifying much in the hardware structure of prior cellular telephone and Smart Phone but only appending a Bluetooth module and a CODEC circuit; integrating the Bluetooth protocol stack and multiple Bluetooth application profiles in the baseband processes of Bluetooth; using the physical interface in the format of Universal Asynchronous Receiver Transmitter (UART) between the baseband processor of Bluetooth and the main processor of cellular telephone and Smart Phone."

The screenshot shows the PatentIQ web interface for patent CN1175696 C with the language set to Chinese. The title is "一种在蜂窝电话和Smart Phone平台上添加蓝牙功能的设备和方法". The abstract in Chinese reads: "本发明公开了一种在已有蜂窝电话和Smart Phone平台上添加蓝牙功能的方法，所述的设备包括：人机界面单元、GSM/GPRS模块、蓝牙模块、天线、编解码器、其它外围设备，所述的方法的特征在于：已有蜂窝电话和Smart Phone的硬件结构不作大的改变，只需增加蓝牙模块和CODEC电路；在蓝牙基带处理机中集成了蓝牙协议栈和多种蓝牙应用框架(Profiles)；蜂窝电话和Smart Phone的主处理机和蓝牙基带处理机之间采用通用异步收发器(UART)格式的物理接口；蜂窝电话和Smart Phone的主处理机和蓝牙基带处理机之间信息交互不采用蓝牙标准的主机控制接口(HCI)协议，而采用自定义的简单消息，该方法的优点在于，由于在蓝牙基带处理机中实现了大部分蓝牙相关的功能，电子工程师可以在不熟悉蓝牙技术的情况下，通过采用蓝牙基带处理机，较快地在已有蜂窝电话和Smart Phone平台上实现满足蓝牙规范的应用。"

3.语义检索

输入一个专利号码或者一组文本信息（例如专利摘要，一项特别的权利要求）进行相近专利的检索，检索范围可以是全部专利、公司或者已保存的项目。Innography 就会自动对文本进行估值，确定最有价值的单词和概念，然后自动检索出最多 5,000 篇相关的专利。所有专利选项中提供 7 个专利国别进行选择，当使用语义检索时，可以在专利国别滑动条调整返回结果数量，调整范围为每个专利国别返回 100 到 5000 个专利集。

Keyword Publication Number Application/Serial Number **Semantic** Chemical

Enter Publication Number or Text **语义检索** Search Translate

Syntax Help Reset to Default

Title low high 2

Abstract low high 5

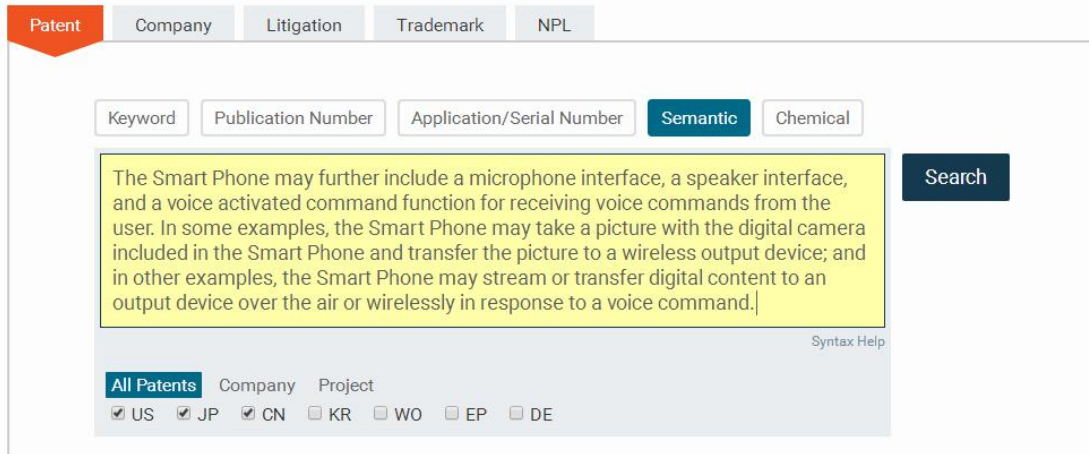
Claims low high 8

Documents Per Jurisdiction fewer (faster) more (slower) 1000

All Patents Company Project

US JP CN KR WO EP DE

或者输入一段文字：



Patent Company Litigation Trademark NPL

Keyword Publication Number Application/Serial Number **Semantic** Chemical

The Smart Phone may further include a microphone interface, a speaker interface, and a voice activated command function for receiving voice commands from the user. In some examples, the Smart Phone may take a picture with the digital camera included in the Smart Phone and transfer the picture to a wireless output device; and in other examples, the Smart Phone may stream or transfer digital content to an output device over the air or wirelessly in response to a voice command.

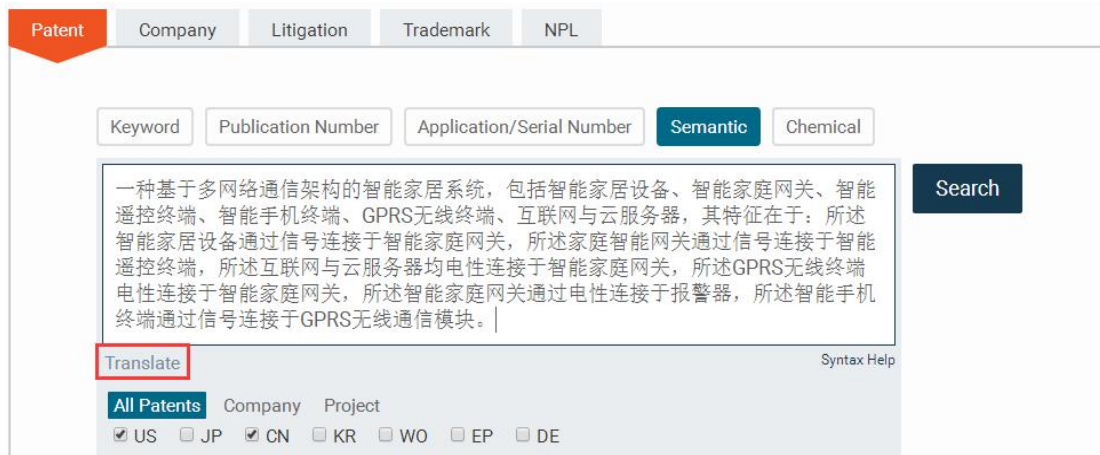
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Syntax Help

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另外，我们可以输入其他国家的语言，点击检索框下方“Translate”选项即可帮助用户将原文翻译成英文，进而实现语义检索功能。



Patent Company Litigation Trademark NPL

Keyword Publication Number Application/Serial Number **Semantic** Chemical

一种基于多网络通信架构的智能家居系统，包括智能家居设备、智能家庭网关、智能遥控终端、智能手机终端、GPRS无线终端、互联网与云服务器，其特征在于：所述智能家居设备通过信号连接于智能家庭网关，所述家庭智能网关通过信号连接于智能遥控终端，所述互联网与云服务器均电性连接于智能家庭网关，所述GPRS无线终端电性连接于智能家庭网关，所述智能家庭网关通过电性连接于报警器，所述智能手机终端通过信号连接于GPRS无线通信模块。

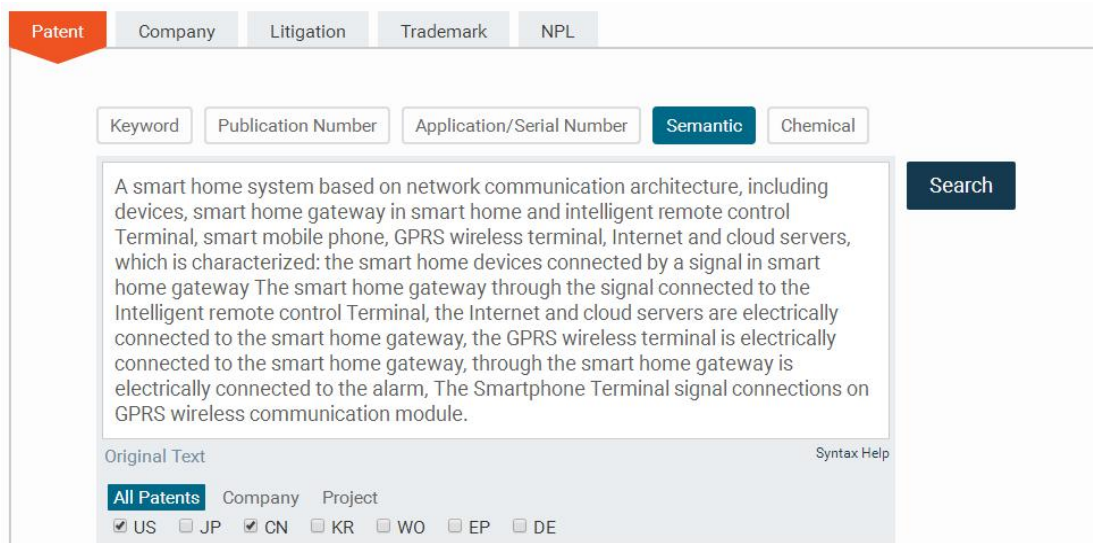
Search

Translate

Syntax Help

All Patents Company Project

US JP CN KR WO EP DE



Patent Company Litigation Trademark NPL

Keyword Publication Number Application/Serial Number **Semantic** Chemical

A smart home system based on network communication architecture, including devices, smart home gateway in smart home and intelligent remote control Terminal, smart mobile phone, GPRS wireless terminal, Internet and cloud servers, which is characterized: the smart home devices connected by a signal in smart home gateway The smart home gateway through the signal connected to the Intelligent remote control Terminal, the Internet and cloud servers are electrically connected to the smart home gateway, the GPRS wireless terminal is electrically connected to the smart home gateway, through the smart home gateway is electrically connected to the alarm, The Smartphone Terminal signal connections on GPRS wireless communication module.

Search

Original Text

Syntax Help

All Patents Company Project

US JP CN KR WO EP DE

语义检索有检索权重调节栏，用户可以根据检索需求，自定义检索侧重点，包括标题、摘要和权利要求，拖动调节栏即可完成检索权重的调整。

The screenshot shows a search interface with several tabs: Keyword, Publication Number, Application/Serial Number, Semantic (selected), and Chemical. Below the tabs is a search input field with the placeholder text "Enter Publication Number or Text" and a "Search" button. To the right of the input field are links for "Syntax Help" and "Translate", and a "Reset to Default" button. Below the input field are four sliders for adjusting search weights: "Title" (set to 2), "Abstract" (set to 5), "Claims" (set to 8), and "Documents Per Jurisdiction" (set to 700). The "Documents Per Jurisdiction" slider has "fewer (faster)" on the left and "more (slower)" on the right. At the bottom, there are tabs for "All Patents", "Company", and "Project", and a row of checkboxes for countries: US (checked), JP, CN, KR, WO, EP, and DE.

语义检索结果显示如下，可以对结果进行引证扩展、同族整理、二次检索、分析和导出，以及可视化显示，**当使用分类扩展时，refine 会出现相似度滑动条，可以进行相似度匹配：**

The screenshot shows a search results interface. On the left is a sidebar with "Analyze by 分析功能" and "Refine 筛选" sections. The main area shows a table of results with the following data:

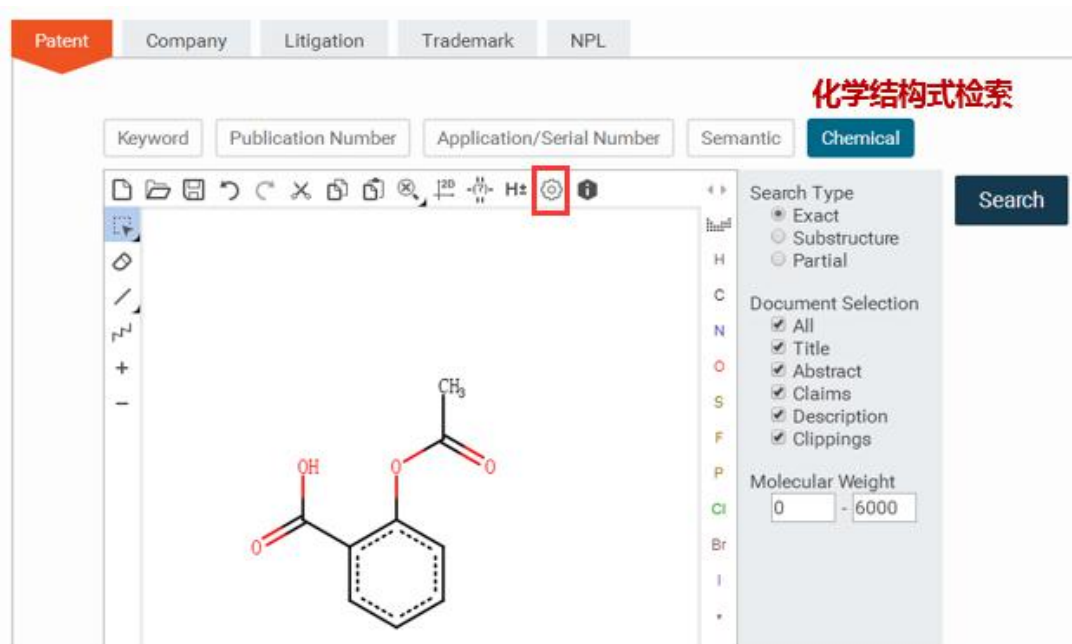
#	Patent Number	Title	Assignee
1	US20150128732 A1	Passive dry deposition (pas-dd) collector	Her Majesty The Queen In Right Of Canada, As Represented By The Minister Of Environment
2	US5616681 A	Polyaromatic hydrocarbon (pah) immunoassay method, its components and a kit for use in performing the same	Mw Monitoring Ip Limited
3	US5449611 A	Polyaromatic hydrocarbon (pah) immunoassay method, its components and a kit for use in performing the same	Mw Monitoring Ip Limited
4	US9222858 B1	Dispersive micro solid phase extraction of polycyclic aromatic hydrocarbons from an aqueous sample	King Fahd University Of Petroleum And Minerals
5	US970804 A	Methods and apparatus for analysis of complex mixtures	Trustees Of Tufts College, Tufts University
6	US2015037752 A1	Determination of polycyclic aromatic hydrocarbons in water using nanoporous material prepared from waste avian egg shell	King Fahd University Of Petroleum And Minerals
7	US9146228 B2	Determination of polycyclic aromatic hydrocarbons in water using nanoporous material prepared from waste avian egg shell	King Fahd University Of Petroleum And Minerals

4. 化学结构式检索

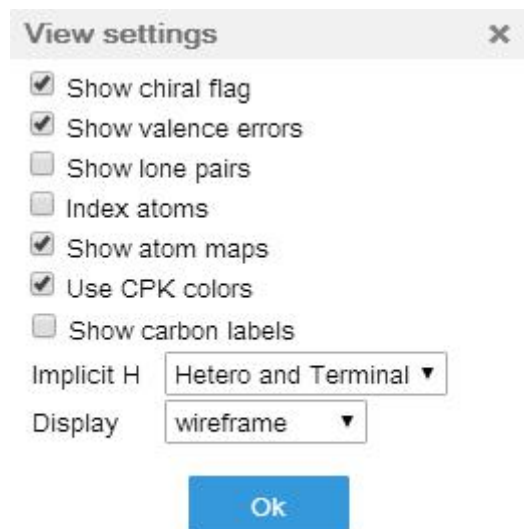
化学物质的名称复杂多变，很难用若干关键词进行充分描述；很多新合成或者新发现的化学物质必须以化学结构的方式进行描述；很多化学物质亦存在着同分异构现象.....，导致常规的文字信息检索方式不能满足化学专利文献检索对查全率的要求。此时，化学结构信息检索

作为文字信息检索的重要补充就显得尤为重要。

我们可根据检索需求,在作图区域绘制出化学结构或上传已保存过的结构或直接输入某化学物质的 CAS 号进行检索,并且检索类型分为三类:Exact、Substructure、Partial,即实现精确检索、子结构检索或部分检索,还可设置检索范围以及检索化学物质的分子量。



可点击“小齿轮”,设置结构式显示方式,如:是否显示孤对电子,以及是以键线式还是以球棍式等方式显示,可以根据需求进行自定义设置。



第三部分 公司检索

1. 公司发现

公司发现功能 (Discover), 可以帮助我们在不知道目标公司的名称时, 通过设置对应的参数, 以找到一组符合设定特征的公司。可供设置的参数包括: 公司年度收入, 公司市场总值, 员工规模, 专利数量和诉讼案件数量。从检索结果中可以通过点击公司名称继续挖掘该公司的其他信息。

The screenshot shows the 'Company Discover' interface with the following elements:

- Navigation tabs: Patent, **Company**, Litigation, Trademark, NPL.
- Buttons: Discover, Name, Comparison.
- Search input: Enter Keywords, Search.
- Filters:
 - Revenue: no min, no max
 - Market Cap: no min, no max
 - # Employee: no min, no max
 - Patent Count: no min, no max
 - Litigation Count: no min, no max
- Options: > Recent Activity, > Projects.

INNOGRAPHY

Home Projects Playbooks PatentQ Alerts Jobs History

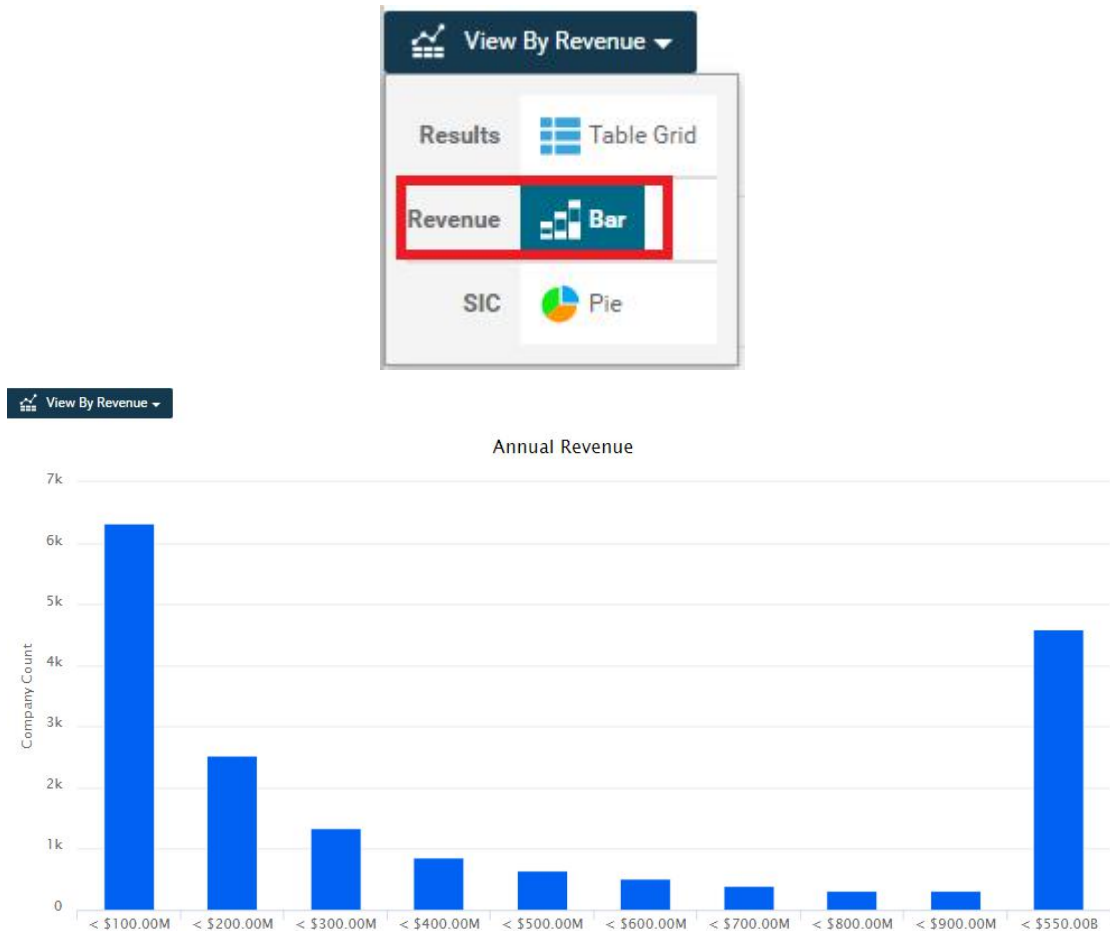
You Searched Company Discover for

Results: 15966 Companies, 0 Selected

View By Results

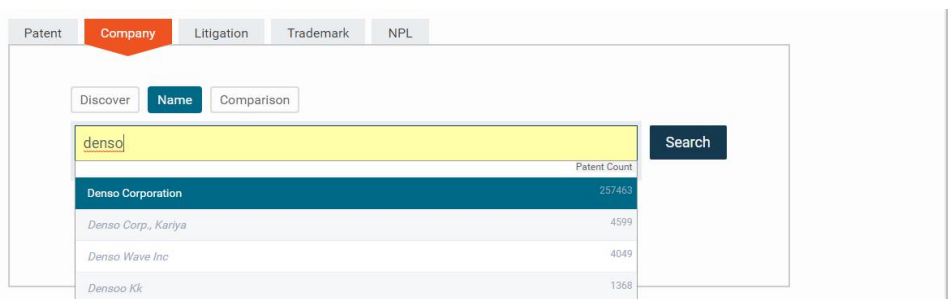
	Name	Ultimate Parent	Stock Ticker Symbol	Stock Exchange	Patent Count	Market Capitalizati
1	Panasonic Corporation	Panasonic Corporation	6752	TYO	1327983	0
2	Hitachi, Ltd.	Hitachi, Ltd.	6501	TYO	1100570	0
3	Toshiba Corporation	Toshiba Corporation	6502	TYO	970993	8976451900
4	Matsushita Electric Co Ltd	Panasonic Corporation			847276	0
5	Samsung Electronics Co., Ltd.	Samsung Electronics Co., Ltd.	005935	KRX	765654	0
6	Canon Inc.	Canon Inc.	CAJ	NYSE	722427	41640000000
7	Siemens AG	Siemens AG	SIE	FRA	639475	108664000000
8	NEC Corporation	NEC Corporation	6701	TYO	606598	6683627600
9	Mitsubishi Electric Corporation	Mitsubishi Electric Corporation	6503	TYO	573346	0
10	DowDuPont Inc	DowDuPont Inc			569928	0
11	Sony Corporation	Sony Corporation	SNE	NYSE	562500	61080350000
12	General Electric Company	General Electric Company	GE	NYSE	557379	117041130000

通过公司发现功能找到一系列公司后, 可按年度收入指标对目标公司进行分析并得到年度收入柱状图, 点击图中的柱子可得到相应的公司列表。



2.公司检索

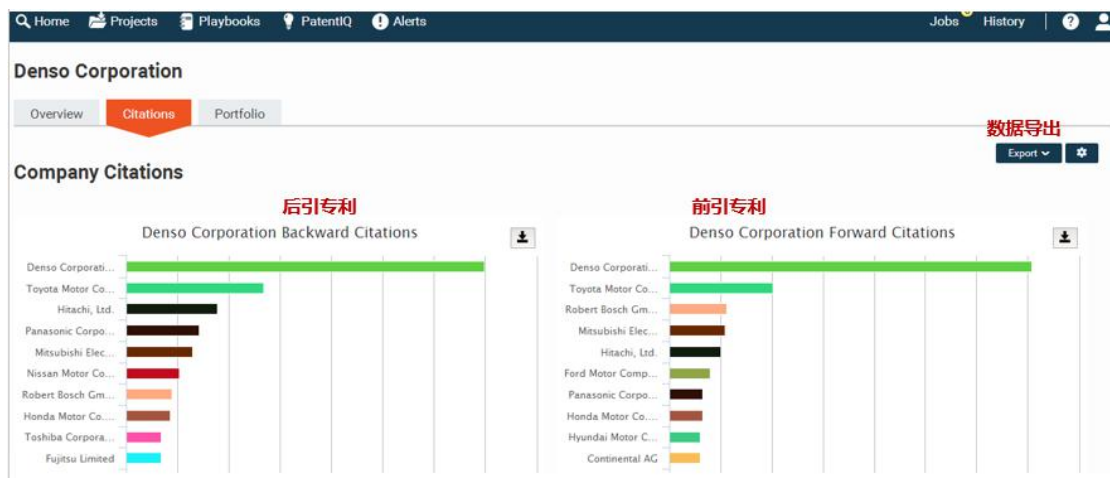
Innography 的公司检索是输入公司名称或者从系统匹配结果中选择，点击 Search 按钮进入该公司信息界面：



Innography 公司信息包括公司名称、子母公司关系、股票、市值、雇员人数等信息，这些信息来自邓白氏商业数据或者证券交易委员会，另外还提供专利、诉讼、商标统计，并可以链接至相关内容。



其中引证分析 (citations) 对公司所有前引和后引专利进行统计分析, 并进行可视化呈现, 还可支持统计数据 and 图表的导出, 有助于快速了解公司的主要竞争对手。



Innography 的公司分析是基于专利分析进行的, 提供了相似技术扩展分析、专利转进/转出分析、隐藏专利分析。

Denso Corporation Results: 407958 Patents, 0 items selected

Analyze by: Similar Technologies, In Assignment, Out Assignment, Hidden Assignments

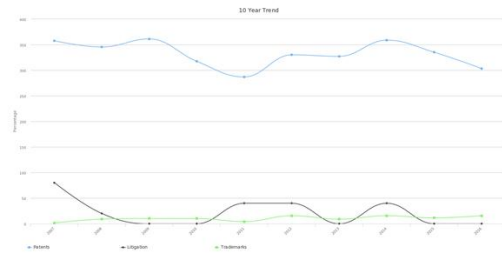
相似技术
转入专利
转出专利
隐藏专利

Refine: Keywords, Include Body, Reduce By Family, Similarity, Source, Extended References, Organization

#	Patent Number	Title	Assignee	Pr
1	JPS110106 B2	Idling stop decision device		2001
2	JPS6077746 U			1981
3	JPS63314412 A	Accumulation device for running data of motor vehicle	Sony Corp	1988
4	US20050225175 A1	Vehicle controller and vehicle control method	Fujitsu Ten Limited	2005
5	JP2005325832 A	Vehicle controller	Fujitsu Ten Ltd	2005
6	JP4066826 B2	Idle stop execution condition information sharing method, the same system, the same program and computer-readable recording medium recording the same program	Mazda Motor Corp	2006
7	JP4657705 B2	Vehicle control device	Fujitsu Ten Ltd	2011
8	US4456883 A	Method and apparatus for indicating an operating characteristic of an internal combustion engine	Ail Corporation	1981
9	EP0110802 A2	Method and apparatus for indicating an operating characteristic of an internal combustion	Ail Corporation	1984

系统可以直接生成简单公司报告，内容包括公司基本信息、近 10 年专利、诉讼和商标趋势分析、专利参数、近期申请专利、诉讼信息和商标信息等。

Website: <http://www.denso.co.jp/ja/> Market Cap: Unknown
 Annual Revenue: \$ 39,779,334,010 Location: Aichi, 448-866, Japan
 Employees: 146714



Year	Patents	Litigation	Trademarks
2007	358% - 11,446	85% - 4	4% - 1
2008	346% - 11,057	25% - 1	9% - 7
2009	361% - 11,954	-	10% - 8
2010	318% - 10,184	45% - 2	10% - 8
2011	329% - 9,482	45% - 2	4% - 3
2012	330% - 10,569	45% - 2	15% - 12
2013	327% - 10,478	45% - 2	9% - 7
2014	359% - 11,481	45% - 2	15% - 12
2015	335% - 10,730	-	12% - 9

Total: 27 (Plaintiff: 25% - 7, Defendant: 62% - 17)

Plaintiff Statistics: Win: 0, Loss: 0 (Settled: 0, Transferred: 0, Judgement: 0, Other: 0)

Defendant Statistics: Win: 0, Loss: 0 (Settled: 0, Transferred: 0, Judgement: 0, Other: 0)

Award range: \$0 - \$0

Penalty range: \$0 - \$0

Trademark Portfolio

Total: 173 (Pending: 10% - 19, Registered: 41% - 72, Dead: 47% - 82)

Recent Trademarks:

2016-08-17	87141762: CRAFTING THE CORE
2016-07-21	87112208: GOODIE CALL
2016-07-21	87112266: GOODIE CALL
2016-06-14	87070681: OPELINK
2016-05-11	87033034: RAFESPA
2016-04-27	87016022: MOINA
2016-03-25	86953062: FRAMEQR
2016-03-15	86940304: UNIFREEZE
2015-12-14	86848198: COBOTTA
2015-12-02	79184756: DEKOMIX

About the Company Report

This company report provides a snapshot of the dynamic information associated

2016	303%	6,514 actual (9,255 est.)	-	15%	8 actual (12 est.)
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Patent Portfolio

Total: 209049 (Active: 36% - 75936, Expired: 63% - 133113)

Recent Patents:

2016-09-01	DE102004019945: Rotation drive apparatus
2016-09-01	DE102006012441: Ejector pumps circle device
2016-09-01	DE102008033680: Alternating current generator with belt pulley for a vehicle
2016-09-01	DE102009011654: Collision - detector device for detecting a collision of a vehicle
2016-09-01	DE102016101879:
2016-09-01	DE102016102491:
2016-09-01	DE102016103007:
2016-09-01	DE102016103205:
2016-09-01	DE10357986: Valve timing controller for internal combustion engine, controls air suction quantity corresponding to target valve lifting amount of cylinder, when drive start time is within closed valve period of air intake valves
2016-09-01	US20160252060: Fuel supply device

Top Inventors: (Tsutomu Shiga: 887, Tetsuo Fujii: 868, Masami Niimi: 774, Tadashi Hattori: 637, Hirotsugu Takeuchi: 627, Atsushi Umeda: 573, Ichiro Yoshida: 568, Makoto Taniguchi: 563, Mitsuo Inagaki: 554, Shigeki Iwanami: 554)

Patent Litigation

with the Ultimate Parent on the day the report was generated. Please see the In-nography documentation for more information on the update frequency of information contained in the product.

Trend Line Visualization

This visualization provides trending of the assets currently owned by the company. The trend is calculated by taking the assets created in the most recent 10 years. These assets are normalized for comparison by taking the percentage of the total per year. A flat trend would thus be a straight line with a y-value of approximately 10%.

文档结尾

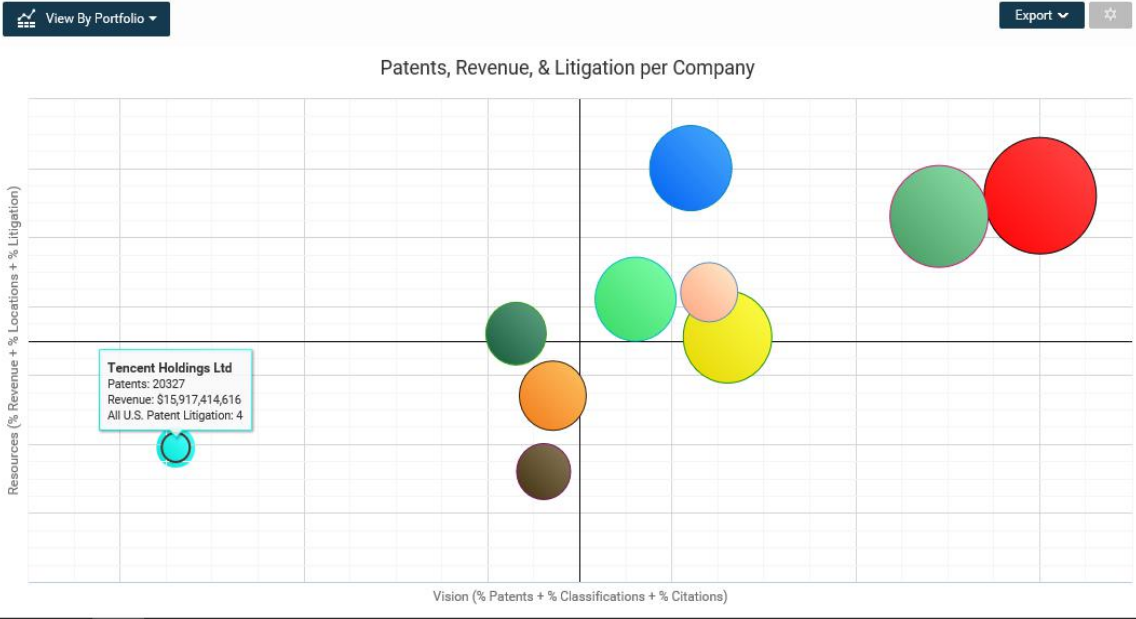
3. 公司对比

Innography 最多支持 10 家公司同时进行对比，对比内容包括**专利权人气泡图**、**专利申请地域分布**、**申请时间**、**专利强度和专利分类情况**等。

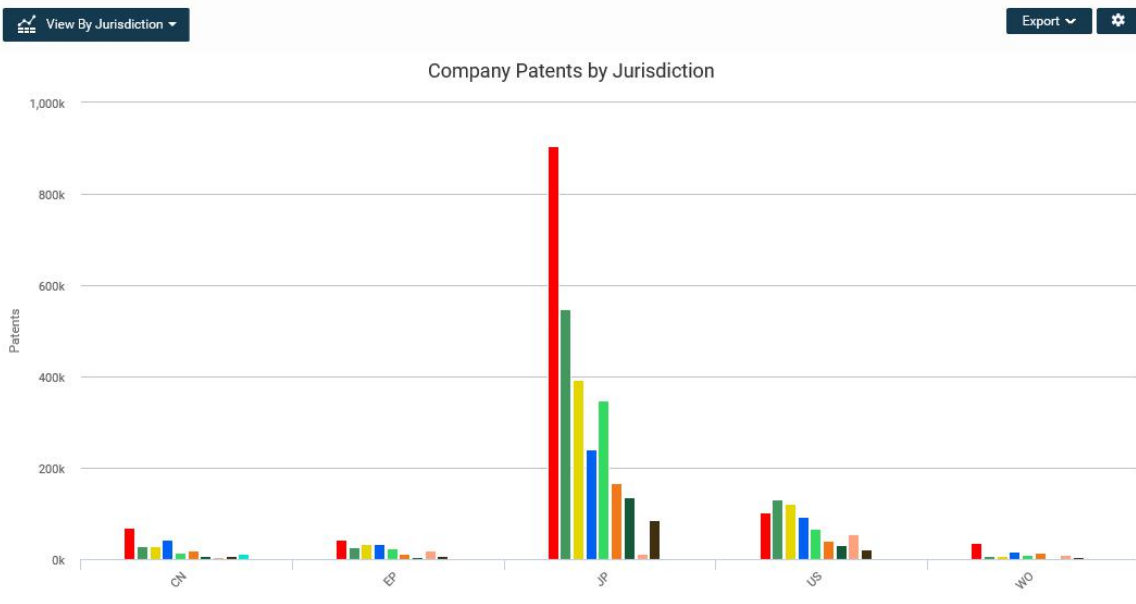
The screenshot displays the Innography web application interface. At the top, there is a navigation bar with 'Home', 'Projects', 'Playbooks', 'PatentIQ', and 'Alerts'. The main content area is titled 'Company' and features a search box with a 'Compare' button. Below the search box, there are links for 'Recent Activity' and 'Projects'. A 'View By Results' dropdown menu is visible, showing various visualization options:

- Results:** Table Grid (selected)
- Portfolio:** Heat, Bubble (Market)
- Jurisdiction:** Histogram
- Date:** Priority Date, Application Filing Trend, Patent Granting Trend, Portfolio Aging
- Strength:** Bar (PatentStrength), Radar (Strength Factors)
- Classifications:** Tornado (CPC), Tornado (IPC), Tornado (USC)

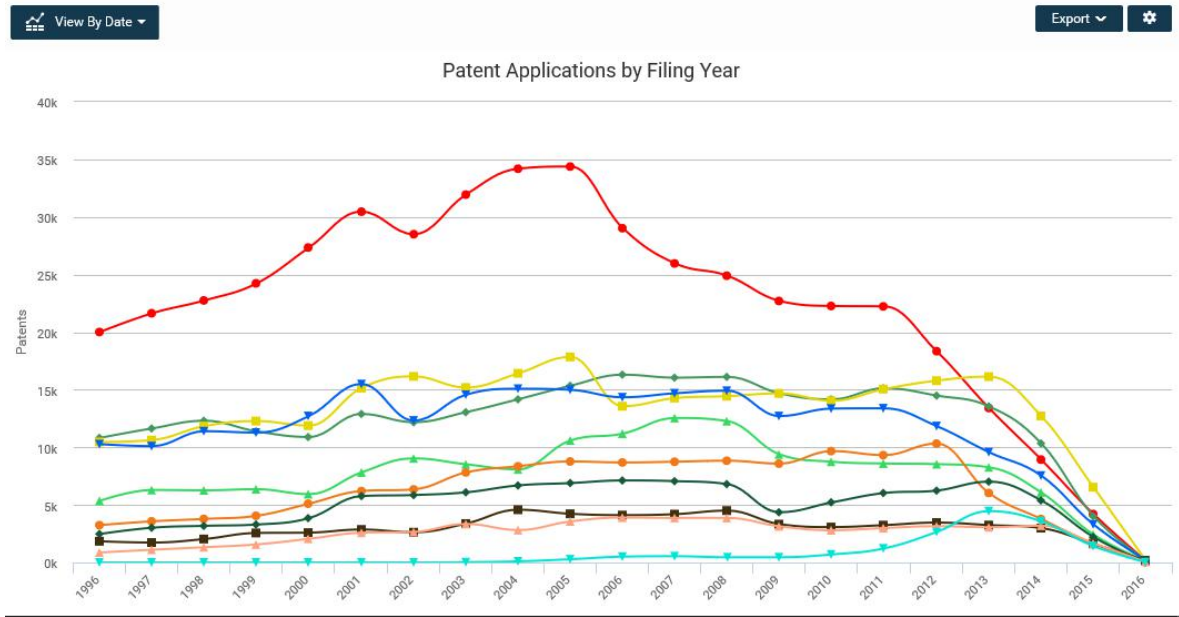
公司对比气泡图 (Bubble(Market)):



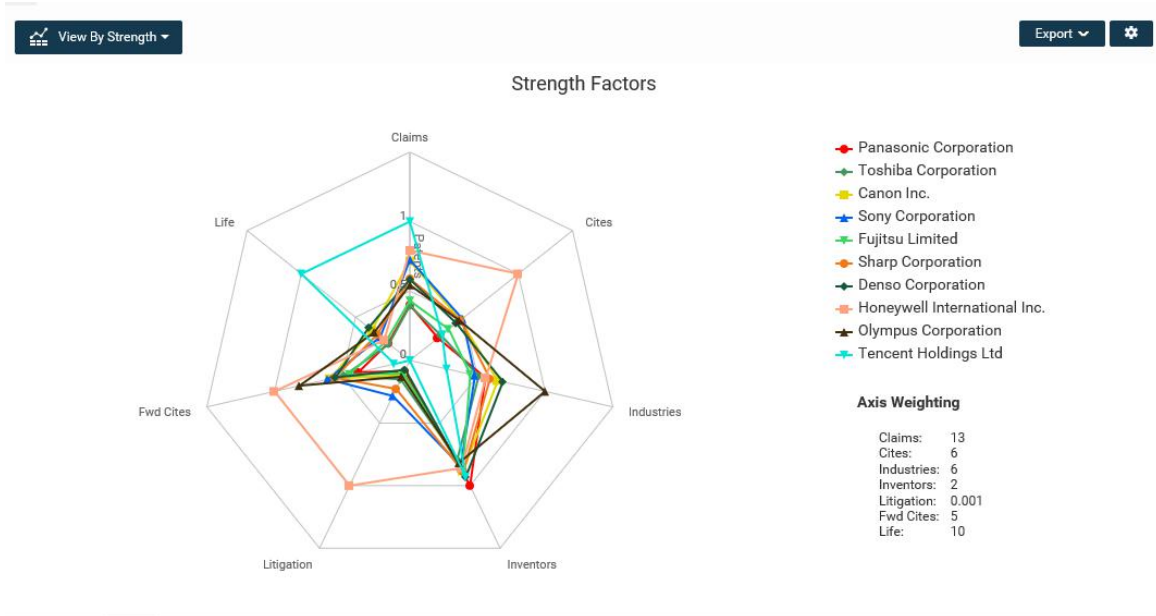
公司对比柱状图(Histogram) :



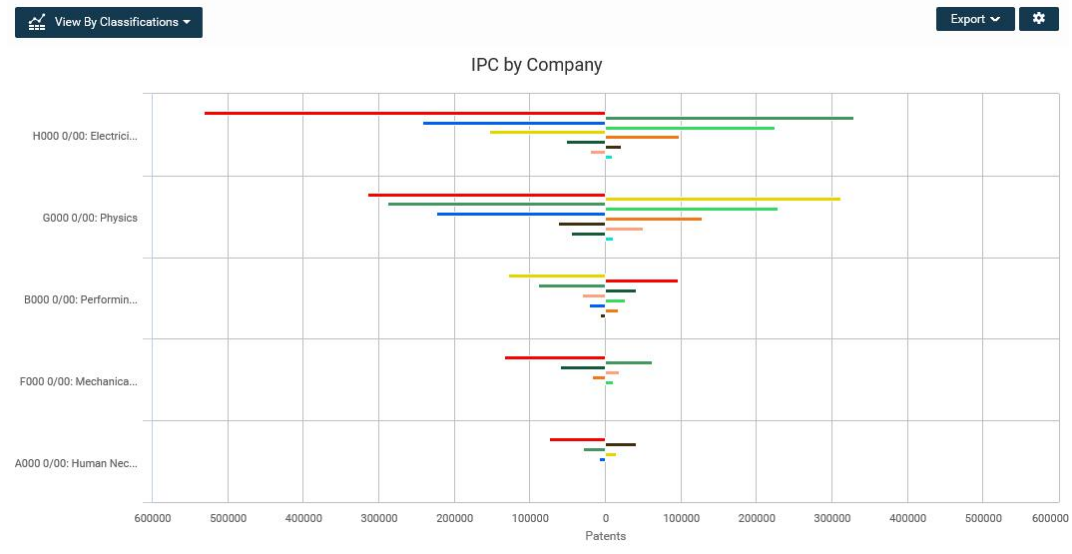
公司对比线性图(Application Filing Trend) :



公司对比雷达图(Radar(Strength Factors)) :



公司对比旋风图(Tornado IPC) :



第四部分 诉讼信息检索

Innography 提供发生在美国的专利诉讼案例检索，支持以下检索字段：

诉讼信息检索

搜索域	说明	搜索域/前缀	说明
@*	所有范围	@outcome	诉讼结果
@attorneyName	律师名字	@party	诉讼当事人
@counterclaimant	反诉原告	@patentAbstract	相关专利摘要
@counterdefendant	反诉被告	@patentClaims	相关专利权利要求
@court	法院	@patentNumber	相关专利号
@defendant	被告	@patentTitle	相关专利标题
@docketText	诉讼进程	@plaintiff	原告
@documentText	法律文件文本	@title	诉讼案标题
@judge	法官名字	@trialtype	审讯类型
@lawFirm	律师事务所	ipc_usc_cpc_	相关分类号

检索界面如下：

INNOGRAPHY

Patent Company **Litigation** Trademark NPL

Search

@*	All-field Search
@attorneyName	Attorney
@counterclaimant	Counterclaimant
@counterdefendant	Counterdefendant
@court	Court (e.g. candce or California Northern D C)
@defendant	Defendant
@docketText	Docket Text
@documentText	Document Text (Legal)
@judge	Judge
@lawFirm	Law Firm
@outcome	Outcome
@party	Parties (All)
@patentAbstract	Patent Abstract
@patentClaims	Patent Claims
@patentNumber	Publication Number
@patentTitle	Patent Title
@plaintiff	Plaintiff
@title	Title
@trialType	Trial Type

高级检索界面如下：

Patents **Litigation** Trademarks Clear Submit

Any field	<input type="text" value="telephone, credit financing"/>
Attorney	<input type="text" value="Grace Van Owen, Stuart Markowitz"/>
Case Event Type	<input type="text" value="Complaint, Order, Answer"/>
Counterclaimant	<input type="text" value="Toyota, Pepsico"/>
Counterdefendant	<input type="text" value="Toyota, Pepsico"/>
Court (e.g. candce, California Northern)	<input type="text" value="nyedce, wiwdce"/>
Defendant	<input type="text" value="Toyota, Pepsico"/>
Docket Text	<input type="text" value="sodium, credit financing"/>
Document Text (Legal)	<input type="text" value="sodium, credit financing"/>
Judge	<input type="text" value="Janet C Hall, Rya W Zobel"/>
Law Firm	<input type="text" value="Cage and Fish, Crane, Poole & Schmidt"/>
Outcome	<input type="text" value="Settled, Appeal, Transferred"/>
Parties (All)	<input type="text" value="Toyota, Pepsico"/>

例如检索专利 US7663607 的诉讼信息，结果显示案件编号、标题、法院、诉讼时间等信息：

You searched Litigation Keywords for @patentNumber US7663607

Results: 3 Cases, 0 items selected

Save Search

View By Results

Save Litigation Export

#	ID	Title	Court	Filed Date
1	3:2010cv00661	Apple, Inc. v. Motorola, Inc. et al	Wisconsin Western D C	2010-10-29
2	5:2011cv01846	Apple Inc. v. Samsung Electronics Co. Ltd. et al	California Northern D C	2011-04-15
3	337-TA-750	Mobile Devices and Related Software	International Trade Commission	2010-10-29

Refine: Clear All

Plaintiff: Click to Select

Defendant: Click to Select

Court: Click to Select

Judge: Click to Select

Law Firm: Click to Select

Attorney: Click to Select

点击诉讼编号查看详细信息，包括诉讼标题和本案涉案专利、诉讼时间、类型、州法院、原告被告等信息，同时支持诉讼过程文件的**全文下载**。在案件概况和法院归档记录都提供了美国法院电子记录的外链接：

INNOGRAPHY

Home Projects Playbooks PatentIQ Alerts Jobs History

Search Results for @patentNumber US7663607

3:2010cv00661 **Apple, Inc. v. Motorola, Inc. et al** 案件编号、标题

Add to Project Generate Report

Project Info: Not found in any active project

Case Overview **案件概况**

Links: PADER Document

Download: All Available Docket PDFs

Filed: 2010-10-29

Terminated: 2012-09-27

Last Activity: 2012-09-27

Court: Wisconsin Western D C

Judge: District Judge Barbara E. Crabb

Trial Type: None

Jury demand: Both

Outcome:

Damages: 0

Case of rec: 3:2010cv00661

Parties **原告、被告**

Show Law Firms

Plaintiffs: Apple, Inc.

Defendants: Motorola, Inc. ** Motorola Mobility, Inc. **

Patents **涉案专利**

ID	Title
US6244997	Method and system for generating a complex pseudonoise sequence for processing a code division multiple access signal
US6334917	Controlled user interface for portable communication device
US6334917	Method and apparatus for selectively storing a portion of a received message in a selective call receiver
US6366223	Methods of adaptive channel access attempts
US7751826	System and method for e911 location privacy protection
US5379430	Object-oriented system locator system
US7663607	Multipoint touchscreen
US6272333	Method and apparatus in a wireless communication system for controlling a delivery of data
US7812828	Ellipse fitting for multi-touch surfaces

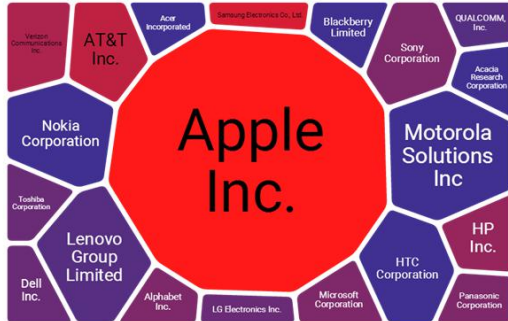
Docket Items **法院归档记录**

Answer	Case Transfer	Complaint	Corporate Disclosure Statement	Motion	Order	View All
Date Filed	Docket #	Case Event	Text			
2012-09-27	44	Order	ORDER closing this case administratively. Case may be reopened by either party at any time. Signed by District Judge Barbara E. Crabb on 9/27/12. (lsp) (Entered: 09/27/2012)			
2012-09-27	45		Report on Filing of Patent or Trademark. Copy provided to the US Patent and Trademark Office electronically. (lsp) (Entered: 09/27/2012)			
2012-09-26	43	Order	** TEXT ONLY ORDER ** ORDER granting 42 Motion to Admit Robert Vlasia Pro Hac Vice. Signed by Magistrate Judge Peter A. Oppenzer on 9/26/2012. (l) (Entered: 09/26/2012)			
2012-09-25	42	Motion	Motion to Admit Robert T. Vlasia, II Pro Hac Vice (Pro Hac Vice fee \$50 receipt number 0738-1054205) by Plaintiff Apple, Inc., Counter-Defendant Apple, Inc. Motions referred to Magistrate Judge Peter A. Oppenzer. (Vlasia, Robert) Modified on 9/25/2012 (l) (Entered: 09/25/2012)			
2012-04-13	41		Status Report Regarding Related Investigations in the United States International Trade Commission by Plaintiff Apple, Inc. (Schmidt, JII) (Entered: 04/13/2012)			

任何诉讼案件都可以添加至项目，也可以点击 generate report 生成普通报告。报告内容包括原告被告诉讼统计热力图、涉案专利和法院归档记录：

Filed: 2010-10-29
 Last Activity: 2012-09-27
 Judge assigned: District Judge Barbara B. Crabb
 Jury demand: Both
 Damages: 0

Terminated: 2012-09-27
 Court: Wisconsin Western D C
 Trial Type: None
 Action:
 Case of rec.: 3:2010cv00661



Party (Plaintiff or Defendant)	U.S. Court Cases	Revenue
Apple Inc.	978	\$ 233,715,000,000
Motorola Solutions Inc	209	\$ 2,955,000,000
Lenovo Group Limited	167	\$ 46,264,826,880
Samsung Electronics Co., Ltd.	115	\$ 173,899,445,838
HTC Corporation	112	\$ 6,047,000,000
Nokia Corporation	105	\$ 13,739,325,750
Sony Corporation	102	\$ 80,135,393,107.3
LG Electronics Inc.	99	\$ 48,974,403,755
AT&T Inc.	81	\$ 146,803,000,000
HP Inc.	79	\$ 103,355,000,000
Dell Inc.	77	\$ 58,100,000,000
BlackBerry Limited	77	\$ 2,160,000,000
Microsoft Corporation	77	\$ 85,240,000,000
Verizon Communications Inc.	69	\$ 131,420,000,000
Acacia Research Corporation	62	\$ 130,880,000
Alphabet Inc.	57	\$ 74,989,000,000
Acer Incorporated	55	\$ 11,200,400,000
Panasonic Corporation	54	\$ 75,183,807,118
Toshiba Corporation	48	\$ 64,354,600,000
QUALCOMM, Inc.	48	\$ 25,281,000,000

Patent Analysis

Source: Unknown: 9

1. US6246697 B1: Method and system for generating a complex pseudonoise sequence for processing a code division multiple access signal
2. US6246862 B1: Sensor controlled user interface for portable communication device
3. US5359317 A: Method and apparatus for selectively storing a portion of a received message in a selective call receiver
4. US5636223 A: Methods of adaptive channel access attempts
5. US7751826 B2: System and method for e911 location privacy protection
6. US5379430 A: Object-oriented system locator system
7. US7663607 B2: Multipoint touchscreen
8. US6272333 B1: Method and apparatus in a wireless communication system

9. ** TEXT ONLY ORDER ** ORDER granting 36 Motion to Withdraw by Godfrey & Kahn, S.C., James D. Peterson and Bryan J. Cahill as Attorneys for plaintiff. Signed by Magistrate Judge Stephen L. Crocker on 9/27/2011. (lj) (Entered: 09/27/2011) (filed: 2011-09-27)
10. Motion to Withdraw as Attorney and Notice of Withdrawal as Counsel by Godfrey & Kahn, S.C. by Plaintiff Apple, Inc., Counter Defendant Apple, Inc. Response due 10/3/2011. (Peterson, James) (Entered: 09/26/2011) (filed: 2011-09-26)

About the Litigation Report

This litigation report provides a snapshot of the dynamic information associated with the litigation on the day the report was generated. New cases are updated in Innography daily. Please see the Innography documentation for more information on the update frequency of information contained in the product.

All Party Visualization

This visualization is a heat map for all litigation associated with all parties in the case. Any litigation in which any party was involved as a plaintiff or defendant is included in the map. The map also includes all other parties involved in the related litigation.

for controlling a delivery of data
 9. US7812828 B2: Ellipse fitting for multi-touch surfaces

Docket Items Analysis

Docket Items: 50

Last 10 Entries:

1. ORDER closing this case administratively. Case may be reopened by either party at any time. Signed by District Judge Barbara B. Crabb on 9/27/12. (rep) (Entered: 09/27/2012) (filed: 2012-09-27)
2. Report on Filing of Patent or Trademark. Copy provided to the US Patent and Trademark Office electronically. (rep) (Entered: 09/27/2012) (filed: 2012-09-27)
3. ** TEXT ONLY ORDER ** ORDER granting 42 Motion to Admit Robert Vlasits Pro Hac Vice. Signed by Magistrate Judge Peter A. Oppeneer on 9/26/2012. (lj) (Entered: 09/26/2012) (filed: 2012-09-26)
4. Motion to Admit Robert T. Vlasits, III Pro Hac Vice (Pro Hac Vice fee \$50 receipt number 0758-1054205) by Plaintiff Apple, Inc., Counter Defendant Apple, Inc. Motions referred to Magistrate Judge Peter A. Oppeneer. (Vlasits, Robert) Modified on 9/26/2012 (lj). (Entered: 09/25/2012) (filed: 2012-09-25)
5. Status Report Regarding Related Investigations in the United States International Trade Commission by Plaintiff Apple, Inc. (Schmidt, Jill) (Entered: 04/13/2012) (filed: 2012-04-13)
6. Notice of Appearance filed by Catherine Cetrangolo for Plaintiff Apple, Inc., Counter Defendant Apple, Inc. (Cetrangolo, Catherine) Modified on 4/11/2012 (lj). (Entered: 04/10/2012) (filed: 2012-04-10)
7. Notice by Plaintiff Apple, Inc. of Attorney Name Change from Jill Jane Ho to Jill Jane Schmidt. (Schmidt, Jill) Modified on 3/28/2012 (lj). (Entered: 03/27/2012) (filed: 2012-03-27)
8. ORDER of Recusal. Magistrate Judge Stephen L. Crocker recused. Case reassigned to Magistrate Judge Peter A. Oppeneer for all further proceedings. Signed by Magistrate Judge Stephen L. Crocker on 2/22/2012. (lj) (Entered: 02/23/2012) (filed: 2012-02-23)

诉讼检索结果显示，可以按照原告、被告、法院、IPC、US 分类、涉案专利、起诉时间等筛选，并且可以选择案件终止时间或者是否已经终止。检索结果可以按照以上字段进行分组聚类，结果可以按照热力图、饼状图、列表等形式进行显示。

检索结果可以导出为 CSV 格式，字段内容包括：案件编号、标题、原告、被告、起诉时间、案件终止时间、法官、法院、案件类型。

Case Identifier	Title	Plaintiffs	Defendants	Date Filed	Date Terminated	Court	Judge	Cause	Nature of Suit
1:2010cv00567	CUMMINS-ALLISON CORPORATI	CUMMINS-ALLISON	THE HONORABLE DAVID J.	2010/4/8					
3:2009cv01355	Digimarc Corporation v. Shazam	Digimarc Corporation	Shazam Entertainment Ltd.	2009/11/16					
2:2009cv00865	Cummins-Allison Corporation v. D	Cummins-Allison Co	Data Financial Business Serv	2009/9/9					
4:2009cv00148	Fire King International LLC v. Tidel	Fire King Internation	Corporate Safe Specialists In	2009/4/2	2009/4/28				
3:2008cv00466	United Coin Machine, Co. v. Arden	United Coin Machine	Ardent Progressive Systems	2008/8/28					
9:2007cv00228	Cummins-Allison Corp v. Shinwoo	Cummins-Allison Co	Shinwoo Information & Teleco	2007/9/24					
9:2007cv00196	Cummins-Allison Corp v. Shinwoo	Cummins-Allison Co	Shinwoo Information & Teleco	2007/8/27					
1:2007cv02206	Corporate Safe Specialists, Inc. v. F	Corporate Safe Spec	FireKing International, LLC	2007/4/20	2007/8/9				
9:2007cv00855	Fire King International LLC v. Corp	Fire King Internation	Corporate Safe Specialists In	2007/4/16					
2:2007cv00077	Tidel Technologies, Inc. et al v. Fir	Tidel Technologies, I	FireKing International, Inc. FK	2007/3/9					
2:2005cv01433	Japan Cash Machine Co., LTD v. M	Japan Cash Machine	MEI, Inc.	2005/1/22					
3:2005cv01767	Corporate Safe Specialists Inc. T	Corporate Safe Spec	Tidel Technologies Inc;Tidel	2005/9/1	2007/4/2				
1:2005cv22219	Int. Currency Tech v. Accubanker	International Currenc	Accubanker	2005/8/10	2005/11/21				
1:2005cv03165	MARS INCORPORATED v. JCM AM	MARS INCORPORAT	JCM AMERICAN CORP.;JAP	2005/6/17	2008/12/23				
2:2004cv00236	Glory LTD et al v. Cummins-Allison	Glory LTD;Glory Sho	Cummins-Allison Corp	2004/6/25	2007/9/27				
1:2003cv08547	Glory Ltd. et al v. Cummins-Allison	Glory LTD;Glory Sho	Cummins-Allison Corporation	2003/11/25	2004/6/3				
2:2003cv00358	Cummins-Allison Corp v. Glory LTD	Cummins-Allison Co	Glory LTD;Glory Sho	2003/10/20	2006/3/28				
1:2002cv07098	Cummins-Allison Corp v. Glory LTD	Cummins-Allison Co	Glory LTD;Glory Sho	2002/10/1	2007/4/25				
1:2001cv00416	Ellenby Technologies, et al v. AT S	Ellenby Technologies	AT Systems Inc.;AT Systems	2001/6/19	2002/5/6				
9:2000cv08659	Global Transaction v. LML Payment	Global Transaction S	LML Payment Systems, Inc. L	2000/7/20	2001/1/11				
1:2000cv01218	Cummins-Allison Corp v. De La Ru	Cummins-Allison Co	De La Rue Cash Systems Inc	2000/3/1	2000/8/7				

第五部分 商标检索

Innography 商标信息检索包括以下字段：

商标信息检索

搜索域	说明	搜索域/前缀	说明
@attorney	代理人	@pseudoMark	虚拟商标
@goodservices	商品和服务描述	@registrationNumber	商标登记号
@markDescription	商标文本描述	@serial	商标序列号
@markType	商标类型	@wordmark	文字类商标
@owner	当前所有人	itc_	国际贸易分类号 (ITC) ®三位代码
@ownerAddress	当前所有人地址	ustc_	美国贸易分类号 (USTC) ®三位代码

检索界面如下：

INNOGRAPHY

Patent Company Litigation **Trademark** NPL

@*	All-Field Search
@attorney	Attorney
@goodServices	Goods & Services
@markDescription	Mark Description
@markType	Mark Type
@owner	Owner
@ownerAddress	Owner Address
@pseudoMark	Pseudo Mark
@registrationNumber	Registration Number
@serial	Serial Number
@wordmark	Word Mark

检索结果界面如下：

INNOGRAPHY

Home Projects Playbooks PatentIQ Alerts Jobs History

You searched Trademark Keywords for @owner apple 商标所有人检索

Results: 3429 Trademarks, 0 items selected

Save Search

Save Trademarks Export

#	ID	Title	Owner	Filed Date	Relevance
1	85785108	GET A SLICE OF THE APPLE	Town of Apple Valley	2012-11-21	73
2	78950740	APPLE VALLEY SCALE COMPANY	Apple Valley Scale Company	2006-08-11	73
3	74434868	APPLE HOLLER	APPLE FARM MANAGEMENT, INC.	1993-09-13	73
4	77760094	APPLE SMOKED CHEESE	RED APPLE CHEESE, LLC	2009-06-15	73
5	77043895	THE CARAMEL APPLE GIFT COMPANY LLC	The Caramel Apple Gift Company LLC	2006-11-14	73
6	86031606	SWISS APPLE	Swiss Apple, Inc.	2013-08-07	73
7	73119155	SHENANDOAH	Shenandoah Apple Co-Operative, Inc.	1977-03-15	73
8	74721806	WASHINGTON APPLES- THEY ARE AS GOOD AS YOU'VE HEARD	Washington State Apple Advertising Commission AKA Washington Apple Commission	1995-08-28	73

Refine: Clear All

Status: Context (Click to Select)

Live/Dead: 有效/无效 (Click to Select)

Owner

Dates: File Date (申请日期)

Classifications: IPC分类号

IP Classification

Trademark Classification: 商标种类

Projects

商标详细信息显示如下，包括商标描述、图片、ITC 分类，以及对应的 IPC 分类，并且提供相关商标和专利的进一步检索：

Project info
Not found in any active project

Trademark Overview

Links	USPTO Document ID
Serial Number	73300046
Registration	1200380
Filed Date	1981-03-06
Opposition Date	
Mark Type	TRADEMARK
Mark Drawing Code	(2) DESIGN PLUS WORDS, LETTERS, AND/OR NUMBERS
Live/Dead	Dead
Owner	Apple Computer, Inc.
Owner Address	10260 Sandway Dr. Cupertino CALIFORNIA 95014 CORPORATION Corporation

Image

Goods and Services
Computers, Computer Peripherals and Computer Programs Recorded on Discs
DATE OF FIRST USE: 1977.01.00
DATE OF FIRST USE IN COMMERCE: 1977.01.00

Design Search Code
05.09.05 Apples

Classifications

- Int'l. Trademark Classification
 - 009 Electrical and scientific apparatus
- Int'l. Patent Classification
 - C12N 15/00: Mutation Or Genetic Engineering, Dna Or Rna Concerning Genetic Engineering, Vectors, E.g. Plasmids, Or Their Isolation, Preparation Or Purification, Use Of Hosts Thereof
 - G05F 3/00: Input Arrangements For Transferring Data To Be Processed Into A Form Capable Of Being Handled By The Computer
 - G05F 9/00: Arrangements For Programme Control, E.g. Control Unit
 - G05F 17/00: Digital Computing Or Data Processing Equipment Or Methods, Specially Adapted For Specific Functions
 - H04L 12/00: Data Switching Networks

Disclaimer
No disclaimers.

Searches 相关专利

- Company's Related Patents
- All Related Patents
- All Related Trademarks
- Trademarks with Related Designs

Innography 将商标与专利进行关联，可以通过商标来检索相应的专利。是通过 ITC 和 IPC 的对应来实现，并且加上商标描述作为关键词同时检索。

You searched Patent Keywords for

IPC_C12N150000
IPC_G05F0900000
IPC_G05F0900000
IPC_G05F01700000
IPC_H04L01200000 USC_358441000
USC_530392000 USC_713500000
USC_714799000 USC_435317000"-1
"APPLE"=1

Results: 91321 Patents, 0 Items selected

IPC或USC与商标描述

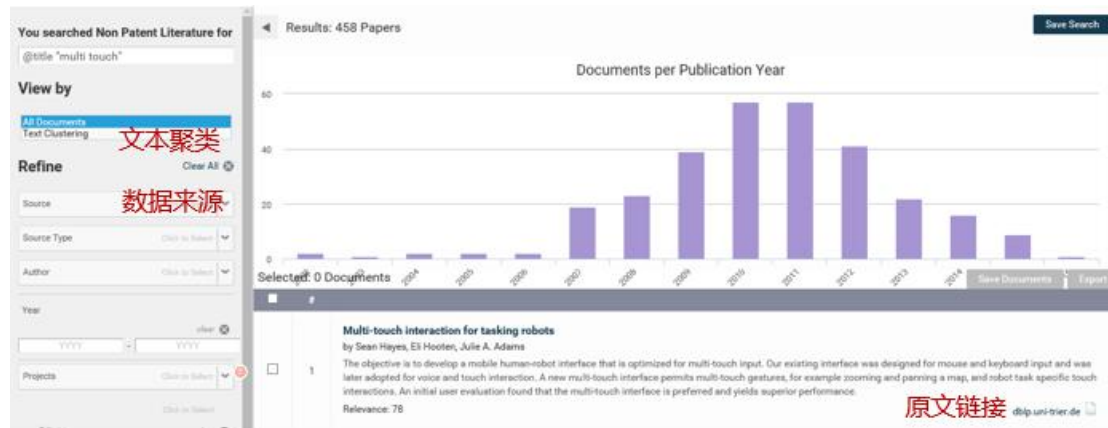
#	Patent Number	Title	Assignee
1	US8510665 B2	Methods and graphical user interfaces for editing on a multifunction device with a touch screen display	Apple Inc.
2	US7669134 B1	Method and apparatus for displaying information during an instant messaging session	Apple Computers, Inc.
3	CN1809796 A	Graphical user interface for browsing, searching and presenting media items	Apple
4	US8255815 B2	Motion picture preview icons	Apple Inc.
5	US8261191 B2	Multipoint representation	Apple Inc.
6	US8677257 B2	Granular graphical user interface element	Apple Inc.
7	US20070101297 A1	Multiple dashboards	Apple Inc.

第六部分 非专利文献 (NPL)

Innography 收录了超过 2200 万件的非专利文献信息，支持关键字检索和语义检索。



检索结果信息显示如下：



Innography 中收录的非专利文献内容包括**公开时间、作者、标题、摘要、引用信息**等，提供原文的下载连接，同时还可以查找相似的专利或文献。

The screenshot shows the detail page for the document 'Multi-touch interaction for tasking robots'. It includes an 'Overview' section with the following information:

Year	
Authors	Sean Hayes, Eli Hooten, Julie A. Adams
Venue	
Download	dblp.uni-trier.de

There is a red annotation '下载链接' (Download Link) pointing to the download link.

The 'Abstract' section is titled '摘要' and contains the text: 'The objective is to develop a mobile human-robot interface that is optimized for multi-touch input. Our existing interface was designed for mouse and keyboard input and was later adopted for voice and touch interaction. A new multi-touch interface permits multi-touch gestures, for example zooming and panning a map, and robot task specific touch interactions. An initial user evaluation found that the multi-touch interface is preferred and yields superior performance.'

The 'Citations' section is titled '引用文献' and lists three references:

- De-xin Wang, Zhi-hui Xiong, Mao-jun Zhang, An application oriented and shape feature based multi-touch gesture description and recognition method, Article, Multimedia Tools and Applications 06/2012; 58(3):1-23. DOI:10.1007/s11042-011-0730-4
- Eli R Hooten, A Mobile, Map-Based Tasking Interface for Human-Robot Interaction, Thesis, Department of Electrical Engineering and Computer Science, Department of Electrical Engineering and Computer Science, Vanderbilt University, Vanderbilt University, 12/2010, Degree: M.Sc
- Sean T Hayes, Eli R Hooten, Julie A Adams, Visually-Cued Touch Gestures for Accurate Mobile Interaction, Conference Paper, Proceedings of the Human Factors and Ergonomics Society Annual Meeting; 09/2011

There is a red annotation '查找相似专利/文献' (Find Similar Patents/Literature) at the top right of the page.

第七部分 项目管理(Project)

Innography 提供了项目功能,用户可以保存特定的专利,公司信息,诉讼案件和商标信息;有关公司信息,专利,诉讼信息和商标的检索式;并可以上传自己的文档,和其他 Innography 用户分享信息。项目页面提供了所有的项目列表信息,按照创建时间顺序排列。点击 Items 栏旁边有个齿轮键,可以对所选项目进行多种操作,包括项目文件管理、专利上传、项目分享、重命名、增加标签等。点击 Create Project 可以创建新项目,点击 Advanced Search 可以实现不同项目之间不同 label 的交叉检索分析。

The screenshot shows the INNOGRAPHY web interface. On the left, there is a sidebar with a search bar and a tree view of projects. The main area displays a table of projects with columns for Items, Created, Last Active, and Owner. A red text annotation '不同的项目列表' (Different project list) is placed over the table. On the right, there is a 'Project中的专利量、标签数' (Patent volume and label count in Project) bar chart showing counts for various labels like '广汽电子气门' (59044), '专利申请' (46806), etc.

下图是Items栏旁边齿轮键可进行的操作。

The screenshot shows a context menu opened over a project item in the table. The menu items are listed on the left, and red text annotations describe their functions. The table columns are Items, Created, Last Active, and Owner.

Item	Created	Last Active	Owner
4512	2016-07-15	2016-09-01	James Wang
Analyze Patents			James Wang
Manage Labels			James Wang
Create			James Wang
Rename			James Wang
Import Patents			James Wang
Clone			James Wang
Share			James Wang
Transfer			James Wang
PatentIQ			James Wang
Upload			James Wang
Move to Trash			James Wang
Archive			James Wang
Clone to Users			James Wang
482			James Wang
54044	2016-08-01	2016-08-12	James Wang
3369	2016-08-11	2016-08-11	James Wang

Items 旁齿轮键中包括的项目操作选项：

Analyze Patents(专利分析) : 分析项目中所保存的专利。

Manage Labels (标签管理):可以增加或删除所选项目中的标签数, 并可以从项目中移除不需要的专利。

Create (创建子项目) : 通过创建功能, 可以在一个 Project 下面设置多个子 Project , 帮助用户对专利进行分类。

Rename(重命名) : 对现有的项目名称重新命名。

Import Patents(导入专利) :添加新的专利到现有的项目中 ,详细信息请参考导入内容专题。

Clone (复制) : 对现有的项目进行复制

Share (分享) : 可以将现有的项目分享给其他 Innography 用户。

Transfer(转移) : 可以将现有的项目转移至其他人, 自己账号中将不存在该项目。

PatentIQ(智能仪表盘) : 可以对当前选中的项目进行智能仪表盘分析。

Upload(上传文件) : 可以选择已经存储在电脑上的文档上传至当前的项目中。

Move to trash(移至垃圾桶) ; 就是删除当前选中的项目。

Archive(存档) : 对当前选中的项目进行存档处理。

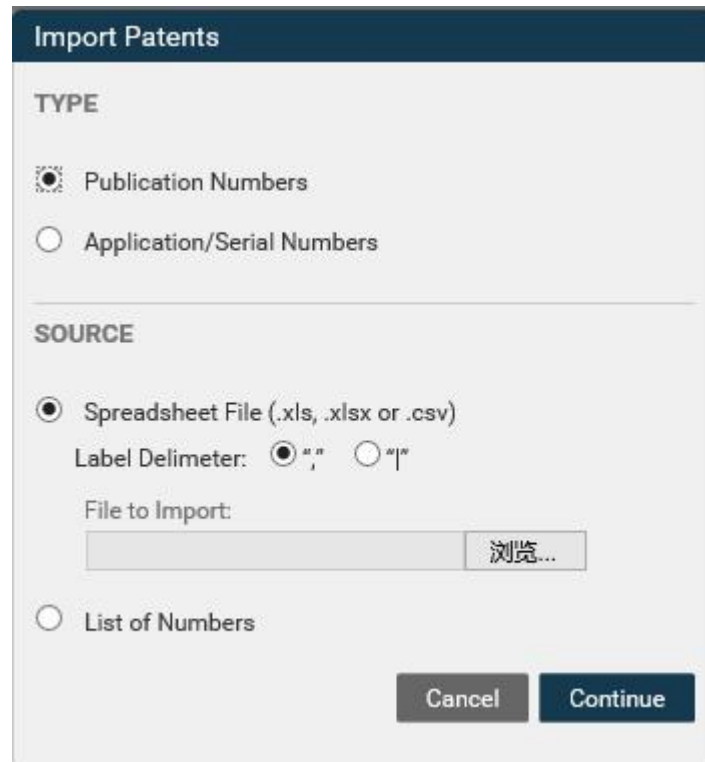
Clone to Users (复制给其他用户) : 对当前选中的项目进行复制并发送给其他用户

① 以下是选中的某项目中的Manage Labels (标签管理)界面。



#	Patent Number	Title	Project	Labels	Project Note
1	US20010017319 A1	Scanner	us	cn	
2	US20010017932 A1	Encoding and recording a message within an image	us	cn	
3	US20010023896 A1	Techniques for reading two dimensional code, including maxicode	us	cn	
4	US20010025886 A1	Autodiscrimination and line drawing techniques for code readers	us	cn	
5	US20000023961 A1	Data code image reading apparatus	us	cn	
6	US20000030713 A1	Printing cartridge with two dimensional code identification	us	cn	
7	US20000044689 A1	Apparatus and method for global and local feature extraction from digital images	us	cn	

② 导入专利(Import Patents), 在Project中导入专利有2种方式, 一是直接导入带有申请号或者是公开号的文件, 二是直接粘贴专利号进行导入, 最多粘贴1000个专利号。



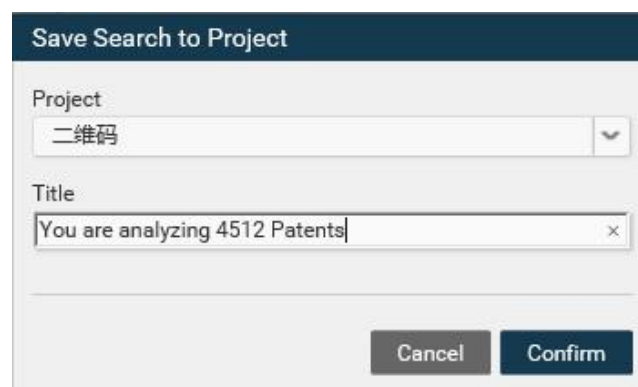
The 'Import Patents' dialog box is divided into two sections: 'TYPE' and 'SOURCE'. In the 'TYPE' section, 'Publication Numbers' is selected with a radio button, while 'Application/Serial Numbers' is unselected. The 'SOURCE' section has 'Spreadsheet File (.xls, .xlsx or .csv)' selected. Below this, 'Label Delimiter' is set to ';' with a radio button, and 'File to Import' is an empty text field with a '浏览...' (Browse...) button next to it. 'List of Numbers' is unselected. At the bottom right, there are 'Cancel' and 'Continue' buttons.

1. 添加内容到项目

1) 添加条目

有三种方法可以把条目添加进项目：

- #1 点击图标上方的Save标签，保存现在选定的专利、诉讼信息或者商标信息。
- #2 光标悬停在条目标题上，通过Add to Project标签添加。
- #3 点击Save Search保存检索结果(或者本次检索生成的可视化视图)。



The 'Save Search to Project' dialog box contains two input fields. The 'Project' field is a dropdown menu with '二维码' (QR Code) selected. The 'Title' field is a text input containing 'You are analyzing 4512 Patents'. At the bottom right, there are 'Cancel' and 'Confirm' buttons.

操作标签根据具体情况的变化而不同，例如是否添加特定的文献或者检索结果、添加进多少个内容，添加进去一个现存的项目或者创建一个新的项目。

2) 导入专利号码

Innography支持导入专利列表进行Innography分析。支持XLS、XLSX或者CSV格式导入，最多一次上传10,000篇专利。可以自动诊断出上传专利公开号存在的问题。同时导入用户标签和标签级别。支持多个标签，可以对同一个专利添加多个标签(例如licensed、litigated、priority等)，**每个标签必须新起一行。**

专利导入模板如下：

A1		Identifier
	A	B
1	Identifier	USER LABEL
2	US7119894B2	import
3	US2010097594A1	import
4	US6910000	computer/CRT
5	US6910000	Litigated: against ACME Co, sued for \$9M
6	US7412345	computer/monitor 23
7	US7412345	Licensed: to XYZ Corp for \$500K
8	USD281116	computer/montitor/CRT
9	USD281116	Product: MyVie Screen, revenue \$500M

说明：

Identifier是导入专利可供系统识别的特殊形式和名字。可以是专利号、公司名、诉讼案件编号等等。接受值：专利号(所有的非字母数字字符都被排除——必须是格式CCNNNNNNN*，CC是国家代码，NNNNNNN*是任何数字或者字母)国家代码和号码之间的任何间隔都会导致识别错误。

User label用户标签，导入用户提供的标签和注释。默认导入空字符。

右斜线(/)被认为是分级符号。例如：home/joe/testing是自动创立一个三级分类。另外一个含有/home/joe的字符的条目将会自动归入joe文件夹。

3) 向项目上传文件

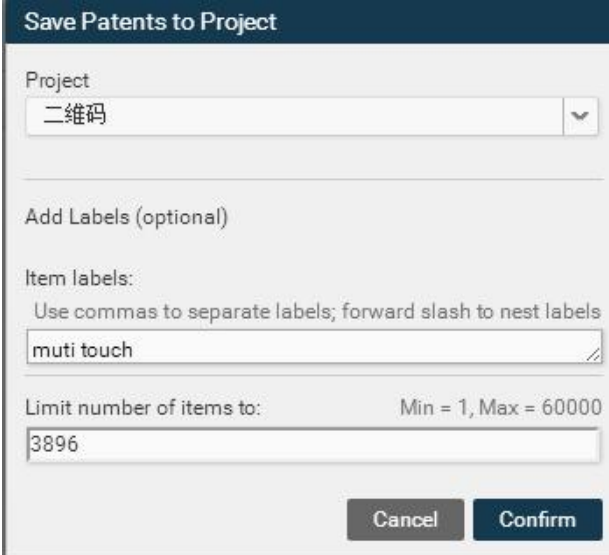
Innography 项目支持把表格、说明或者其他的帮助文档上传到相关项目。在项目概览页面中可以找到文件上传的操作标签。

注意：上传单个文件最大为 10M，没有对文件总量规模的限制。但是如果上传过多的大文件，可能会造成 Innography 运行速度变慢。

2.使用标签

通过标签，可以实现对项目的高效管理。

如下图所示，当保存信息到项目之后，可以通过添加标签来管理。Innography根据项目历史，提供了自动完成项目标签功能。标签不得超过255个字符。



提示1 :如果和别人分享同一个文件夹,可以对自己添加的标签做特别标注。例如 :如果Stacy和Andrew在一个项目上合作工作，他们可以共同的项目平台上展开检索，添加自己的名字Stacy或者Andrew作为标签标志。他们可以利用这些标签来筛选自己或别人的内容，但是他们的内容还是存在于一个平台之上。

提示2 : Innography标签不支持中文输入，如果输入中文会以“？”显示。

第八部分 专利仪表盘(PatentIQ)

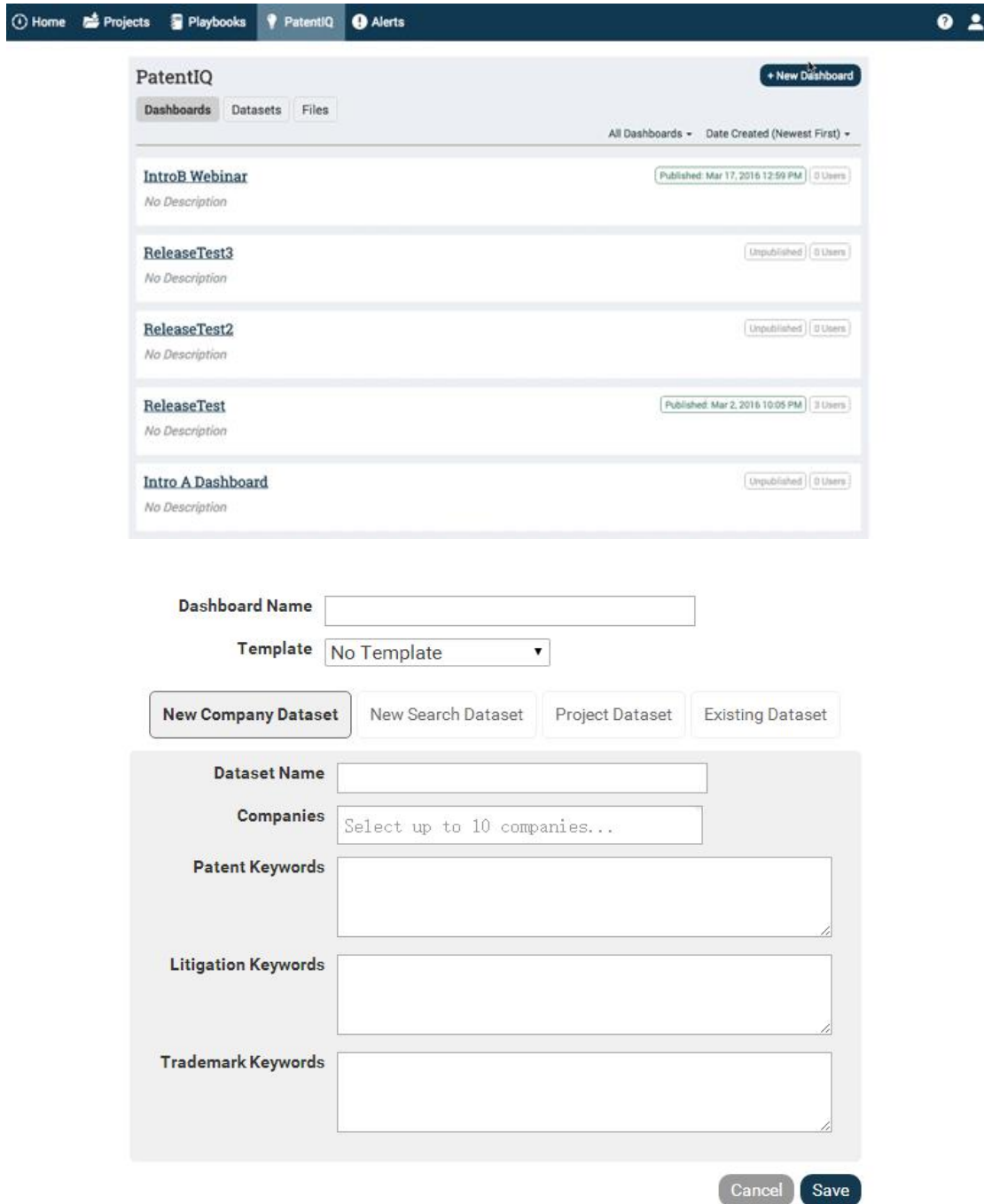
Innography 提供了专利仪表盘 PatentIQ 功能，可进行专利可视化分析。

1.创建仪表盘

可从 PatentIQ 选项卡（通过导航栏访问）创建和管理仪表板（还可以从搜索结果或项目创建）。点击新建仪表板按钮启动创建对话框，您可以再次命名新的仪表板并可选择模板。

在该对话框中，您将有四种不同创建仪表板的选项：新建公司数据集、新建检索数据集、项

目数据集与现有数据集。



The image shows the PatentIQ interface. The top navigation bar includes Home, Projects, Playbooks, PatentIQ, and Alerts. The main content area displays a list of dashboards under the 'PatentIQ' header. The dashboards listed are:

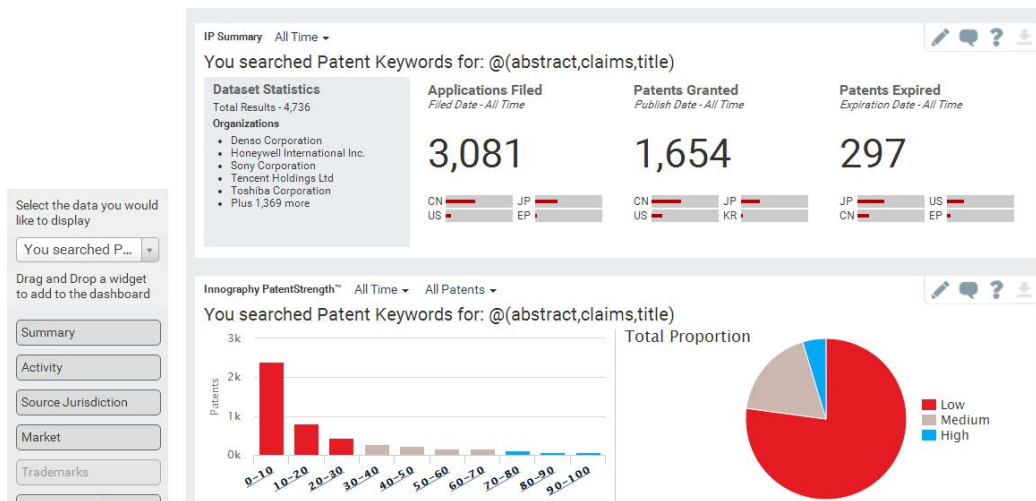
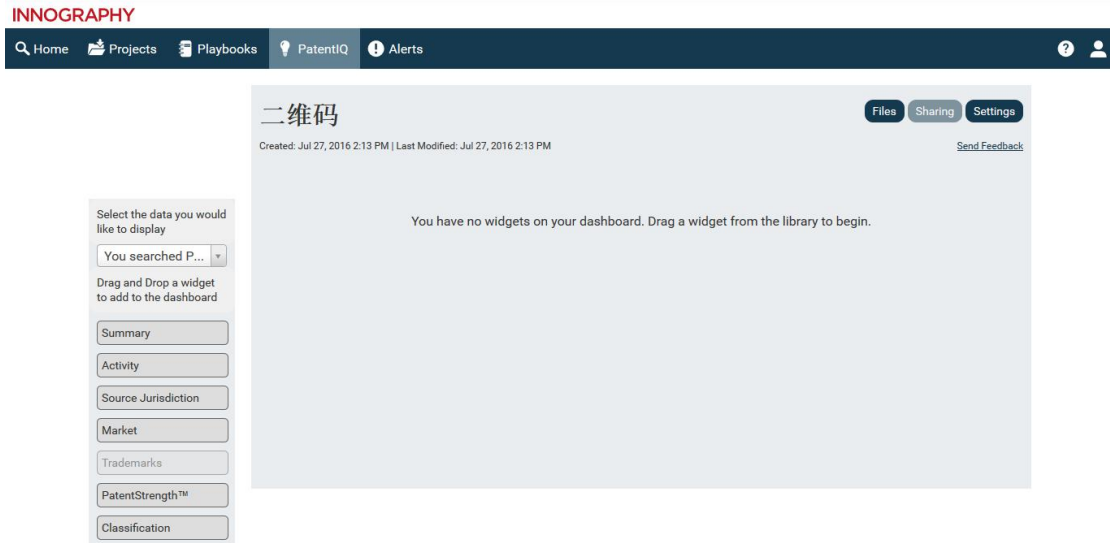
- IntroB Webinar**: Published Mar 17, 2016 12:59 PM, 0 Users
- ReleaseTest3**: Unpublished, 0 Users
- ReleaseTest2**: Unpublished, 0 Users
- ReleaseTest**: Published Mar 2, 2016 10:05 PM, 3 Users
- Intro A Dashboard**: Unpublished, 0 Users

Below the dashboard list is a configuration form for creating a new dashboard:

- Dashboard Name**: Text input field.
- Template**: Dropdown menu set to 'No Template'.
- Dataset Selection**: Four buttons: 'New Company Dataset' (highlighted), 'New Search Dataset', 'Project Dataset', and 'Existing Dataset'.
- Dataset Name**: Text input field.
- Companies**: Text input field with placeholder 'Select up to 10 companies...'.
- Patent Keywords**: Text area for entering keywords.
- Litigation Keywords**: Text area for entering keywords.
- Trademark Keywords**: Text area for entering keywords.
- Buttons**: 'Cancel' and 'Save' buttons at the bottom right.

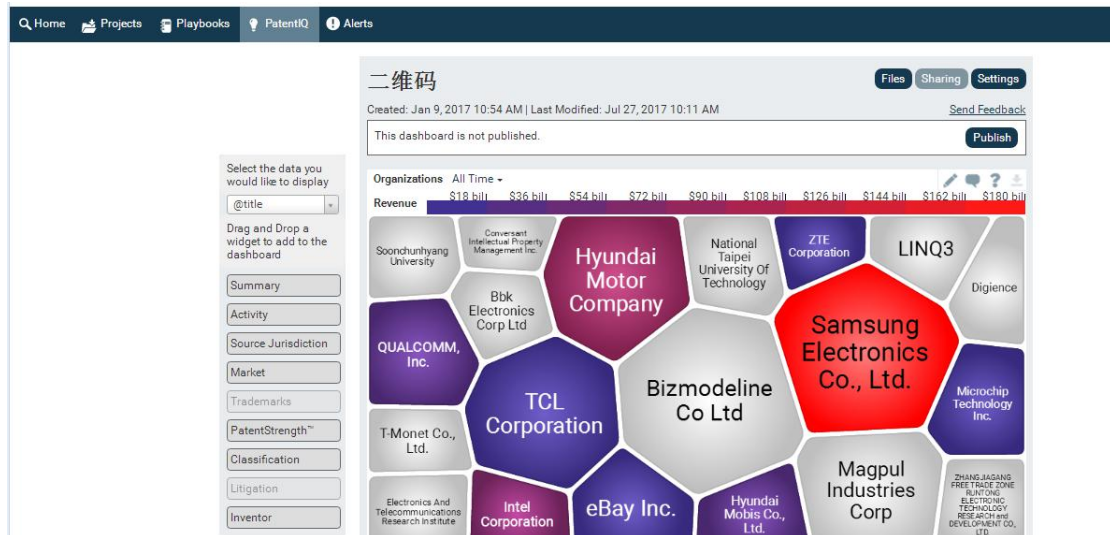
2.结果显示

专利仪表盘提供了九个统计模块进行结果显示，包括：Summary、Activity、Source Jurisdiction、Market、Trademarks、Patent Strength、Classification、Litigation 以及 Inventor。



除了仪表盘上特定的统计模块之外，Innography 中一些其他的分析图表，都支持发送到 PatentIQ，用于自动生成专利报告。





3.发布、共享

在仪表板内只需点击仪表板上的**发布** **Publish** 按钮，接着在生成的**发布** **Publish** 对话框点击发布即可。

发布对话框显示时，只需在**添加用户**：字段输入邮箱地址。另外，还可以点击**添加个人信息** 链接以添加信息到邮件通知。

若要共享发布的仪表板，只需点击仪表板顶部的**共享** **Sharing** 按钮。在生成的共享对话框中，输入邮箱地址并按<输入>将其添加到列表中。另外，还可以点击**添加个人信息** 链接并添加信息到邮件通知中。

第九部分 检索历史 (History)

1.检索历史查看

检索历史可以通过点击关键词检索框下的“Show History” 查看、清空，也可通过 History 进行查看、清空。

Patent Company Litigation Trademark NPL My Portfolio Use Search Builder

Keyword Publication Number Application/Serial Number Semantic Chemical

Enter Keywords Search

Source: Default Convert Legacy Query Syntax Help

Show History Clear History

2	@abstract laparoscopy	1107
1	@title surgery	45468

> Recent Activity
> Projects

Jobs ⁴ History

Clear History Import ▾ Export

Home	12-31-2019	
1 Keywords: @title laparoscopy	12-31-2019	510
2 Keywords: source_AP	12-31-2019	13686
3 Keywords: @abstract surgery and medicine and endoscopy	12-31-2019	40

2.检索历史导入、导出

之前我们使用过的检索历史可以通过 setting 设置保存 14 天，再早的检索记录是无法找到的，还可将检索历史导入，进行再次分析。

Preferences

My Info CustomStrength **Preferences** Cookie Policy

Save History Preferences

Enable history log (search history will be kept for 14 days) Save

Clear History Import ▾ Export

Home	12-31-2019	
1 Keywords: @title laparoscopy	12-31-2019	510
2 Keywords: source_AP	12-31-2019	13686
3 Keywords: @abstract surgery and medicine and endoscopy	12-31-2019	40
Project Index	12-31-2019	
Project Index	12-31-2019	
Home	12-31-2019	