

**INNOGRAPHY** 

操作指南

(2020年秋季版)

广州奥凯信息咨询有限公司

2020. 10



# 目录

第一部分 Innography 总览······	
1.登录	1
2.功能	1
3.其他	2
第二部分 专利检索和分析	2
1.关键字检索	
2.专利号检索	
3.语义检索	
4.化学结构式检索······	
第三部分 公司检索······	
1.公司发现	
2.公司检索	
3.公司对比	
第四部分 诉讼信息检索······	45
第五部分 商标检索······	
第六部分 非专利文献(NPL)	
第七部分 项目管理(Project)	
1.添加内容到项目	
2.使用标签······	



第八部分 专利仪表盘(PatentlQ)57
1.创建仪表盘
2.结果显示
3.发布、共享
第九部分 检索历史 (History)60
1.检索历史查看
2.检索历史导入、导出61



# 第一部分 Innography 总览

# 1.登录

地址: <u>http://app.innography.com/</u>

使用帐号密码登录

You have success	fully logged out.	
Username	输入账号	
password	输入密码	
	Login <u> </u>	

# 2.功能

提供下面五大功能模块。

atent	0						
	Company	Litigation	Trademark	NPL			
Key	yword Pu	ublication Number	Application/Se	rial Number	Semantic	Chemical	
E	inter Search	n String					Search
Sea	rch Builder					Syntax Help	

# \*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;
- 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,直接进入公司概览;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。

INNOG	RAPHY		
Q, Home	🚔 Projects	🖀 Playbooks 💡 PatentiQ 🕕 Alerts	Jobs <sup>8</sup> History   ?
主页	项目	Playbooks 专利仪表盘 预整 Patent Company Litilation Trademark NPL	历史访问 帮助 账号管理
		Keyword         Publication Number         Application/Serial Number         Semantic         Chemical	
		Enter Search String Search	
		Search Builder Syntax Help Default O Include Body Ocrowert Legacy Query	
		> Recent Activity 近期活动 > Projects 项目管理	

# 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 <sup>™</sup> 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:



INNOGF	RAPHY									Check o	ut the Spring	2020 Bel	ta release	ii.
Q, Home	🞽 Projects	📒 Playb	oooks 🦞 Pa	atentiQ 🌻 Alerts						Jobs 33	History		2	
	1	Patent	Company	/ Litigation	Trademark	NPL	My Portfolio		Use Search B	luilder 高能	级检索			
			关键词	公开(公告)号	申请号		语义检索	化学结构式检索						
			Keyword	Publication Number	Application/	Serial Numbe	Semantic	Chemical						
			Enter Keyv	words					Search					
			Source: Defau	ilt 🔹 🗆 Convert	Legacy Query			Syntax Help						
			Show Hist	ory 检索历史				Clear History						
			Enter your sean numbers and b	ch above. A historical list of oolean operators (AND, OR, I	searches for this se NOT).	ssion will appea	r here. Combine sear	rches using the list						
			> Recent A	ctivity										
			> 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+2	<space>,&amp;₽</space>	完全匹配所有的单词、短语或组词。~	graphical programming 42
NOT.₽	-,I#	显示不含任一被排除的单词、短语或组词的搜索结果。4	cellular -biology 🕫
OR₽	10	显示含有任何一个单词、短语或组词的搜索结果。→	toothpaste OR polish +3
0.0	4	组合单词或短语。布尔逻辑搜索中常用。↩	cats NOT (dogs OR mouse) 🕫
nn <sub>e</sub> j	¢J	用于短语搜索,结果必须严格匹配引号中的内容。4	"lip balm" ↔
~n or NEAR/N₽	ф.	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₽
=ne <sup>3</sup>	φ	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 voip"=2 +3
^ or \$₽	ø	限定关键词出现在句首或者句末。↩	"^lip balm" or "lip balm\$"+?
<< or >>+2	ф.	限定关键词以规定的前后顺序出现。↩	lip << balm or balm >> lip₽
@field+?	43	仅在指定范围内搜索。如:@* searches all fields (默认全部范围)。@	@inventor "bob smith" +?
@!field#	φ	把搜索范围限制在除指定范围外的其他全部范围。🖗	@!pseudomark colour.
@*+?	<i>\$</i>	全字段检索,也用于限制新的搜索范围。↩	@*~
[n] text	4	指定对搜索范围内的前 n 介字符进行搜索。♀	@abstract[50] "lip balm"47
•4	43	通配符。ダ	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	•	Results: 392082 Patents, 0 Selected						
@abstract computer ADJ/4 system //	" ≝	View	By Re	sults 🗸	🕈 🛩 🛛 Anal			
Include Body			۴	Patent Number	‡ Title			
Refine Clear All 😵	1			US6757744 B1	Distributed transport communications manager with messaging subsystem for high-speed communications between heterogeneous computer systems			
Reduce Options     Family Reduction Options: clear     Simple (EPO) Family	2			US6810431 B1	Distributed transport communications manager with messaging subsystem for high-speed communications between heterogeneous computer systems			
<ul> <li>Extended (INPADOC) Family</li> <li>Application/Case</li> </ul>	3			EP3018576 A1	A method for controlling changes in a computer system			
Jurisdictions	4			EP3018576 B1	A method for controlling changes in a computer system			
Source Click to Select	5			KR20050037299 A	Device and method for recovering computer system			
Filter Options								
Status clea	6			JPS6349839 A	Leading system for electronic computer system			
Carlos Active Expired	7			W02015137907 A1	Providing an operating system session			

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

INNOGRAPHY	NNOGRAPHY"								
🔍 Home 🔺 Projects 🗧	Playbo	oks	ę ۴	PatentIQ 🌵 Alerts		Jobs History 🛛 ?			
You searched Patent Keywords	for	Â.	Res	ults: 10 Patents, 0 Selecte	d	Save Search 🛩			
@(abstract,claims,title) (smartphor SENTENCE "multifunction wireless device")	ie		View	/ By Results 👻		nalyze Save Patents 🗸 🛛 Export 🗸 🌣			
Default				Patent Number	↓ Title	Assignee			
Include Body		1		US20080018543 A1	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.			
Refine Clear	All 🕲								
Reduce Options     Family Reduction Options:         Simple (EPO) Family         Extended (INPADOC) Family         Application/Case	lcai								
Jurisdictions									
Source Click to Sele	:t 🗸	2		US8738103 B2	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.			
Filter Options									
Status c Active Expired	lear								
Grants/Applications c Grants Only Applications Only	lear								

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 🛛 🗧 Playb	ooks	💡 F	PatentIQ ! Alerts		Jobs	History   ?		
You searched Patent Keywords for		Res	ults: 8 Patents, 0 Selected			Save Search 🛩		
@(abstract,claims,title) (handheld PARAGRAPH "multifunction wireless device")	â	∠ View	By Results 👻	A	Analyze Save Patents ~ Export ~ 🌣			
Default			🕆 Patent Number	🕆 Title	Assignee			
O Include Body	1		US8738103 B2	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.	1		
Refine Clear All 😵								
Reduce Options     Family Reduction Options: clear@     Simple (EP0) Family     Extended (INPADOC) Family     Application/Case								
Jurisdictions								
Source Click to Select	2	•	US20140253395 A1	Multiple-body-configuration multimedia and smartphone multifunction wireless devices	Fractus, S.a.			
Filter Options								
Status cleant								
Grants/Applications clearS Grants Only Applications Only								

# 在检索框输入"@"会显示字段提示:

Keyword	Publication Number	Application/	Serial Number	Semantic	Chemical	
@					s	earch
@*					All-field Search	
@(abstrac	t,claims,title)			Abstract	, Claims & Title	
@abstract					Abstract	
@examine	r				Examiner	
@applicati	onNumber			Application,	/Serial Number	
@body				Pater	t Specification	
@claims					Claims	
@inventor					Inventor	
@legalStat	tus				Legal Status	
@normOrg	Name			Current A	ssignee (norm)	
Reconing	tionName			Current	Assignee (text)	

输入"+"会出现范围提示,可选择在诉讼、异议、参考文献中检索:



Keyword	Publication Number Application/Serial Number Semantic Chemical
+	Search
+litigated	Litigation Patents
+opposit	ion Opposed Patents
+xref	Extended References

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。

Keyword	Publication Number	Application	/Serial Number	Semantic	Chemical	
Enter H	(eywords					Search
Source: D	efault 🔹 🗐 Conve	ert Legacy Query			Syntax Help	
🗷 Show	History				Clear History	
Enter your numbers a	search above. A historical lis nd boolean operators (AND,	t of searches for this s DR, NOT).	session will appear	here. Combine sear	ches using the list	

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。



O Application/Case

Keyword	Publication Number	Application/Serial Number	Semantic	Chemical	
Enter Kej	ywords			Searc	
Search Buile	der			Syntax Help	
Default	Include Body		Conver	t Legacy Query	
Show Hi	story				
<b>3</b> 1 ar	nd 2			123	
2 @ti	tle surgery		43027		
<b>1</b> @(a	abstract,claims,title) lapa		2356		

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 - 1	Que	ery Stri	ng			+ Add
Stest	patent	@title	e lapar	oscop	by and surgery		×
You searched Paten	t Keywords for		_				
Stest or @title endosc	copy //	▲ ፈ	Resi View	ults: By Re:	2814 Patents, 0 Selec	sted	
Include Body				۴	Patent Number	💠 Title	
lefine	Clear All 🔕	1			W02007065237 A2	Integrated digital set for laparoscopy surgery	
Reduce Options Family Reduction Optio	ns: clea	2			MXPA02009959 A	Robotic assistant for laparoscopy surgery.	
<ul> <li>Extended (INPA</li> </ul>	ADOC) Family		-				

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:

Retract apparatus for laparoscopy surgery

3 🗐 🔿 KR101089101 B1



🔍 Home 🛛 🚔 Projects 📲 Playbooks	PatentiQ D Alerts	Jobs History 🧿 单
Patents Litigation Trademarks		
检索字目	3	Clear Submit
Title & Abstract	telephone, credit financing	Eiles Ostion
Title, Abstract & Claims	sodium, credit financing	
Title	sodium, credit financing	O Active
Abstract	telephone, credit financing	O Expired
Claims	telephone, credit financing	Grants/Applications 授权、申请 clear ●
Body / Description	telephone, credit financing	Grants Only     Applications Only
Publication Number	US123456, EP1357911, 2,555,333	Types 专利类型 clear @
Application/Serial Number	US06/123456	Utility patents     Design patents
Source	US, WO or EP	O Plant patents
Priority Date	from MM/DD/YYYY or MM/YYYY to MM/DD/YYYY or MM/YYYY	Legal Status 法律状态 dear @
Filing Date	from MM/DD/YYYY or MM/YYYY to MM/DD/YYYY or MM/YYYY	Terminal disclaimers
Publish Date	from MM/DD/YYYY or MM/YYYY to MM/DD/YYYY or MM/YYYY	Reissued patents
Expiration Date	from MM/DD/YYYY or MM/YYYY to MM/DD/YYYY or MM/YYYY	Reassignments
Organization (Current Assignee)	Tayota, Pepsico	□ Failure to pay fees

检索结果界面如下:

INNOGRAP	PHY			
🔍 Home 🛛 📩	Projects 🛛 📒 Playbooks	🥊 PatentlQ	() Alerts	Jobs History   ? 💄
You searched P	atent Keywords for	<ul> <li>Results: 519</li> </ul>	71 Patents, 0 Selected 检索结果	保存检索 Save Search ~
@(abstract,claim	is,title) "smart phone" 检索素	View By Results	-	Analyze Save Patents 🗸 🛛 Export 🗸 🌣
Default Include Body		t	来速预览视图 全附图视图 图文摘要视图	Assignee 设
Refine	Clear All 😒	Kesults	e, and control method	Hella Kgaa Hueck & Co.
C Reduce Options	同族去重选项	Custom 4D	📑 Heatmap 🛛 🛃 Bubble 📈 Line 📑 Bar	2
Jurisdictions	技术应用国	Organization	📑 Heat 🛛 🔮 Pie 🛛 💘 Bubble (Market) 🗱 Grouped	
Filter Options	筛选选项	CP Class	Trae Pia Vina (Data) 🙆 Circle Packing 📰 Grouped	
Organizations	专利权人(当前专利权人	、原始专利权人、	专利权人收益)	
Dates	日期(申请时间/优先权时	间/公开时间?过	🙀 👘 💛 Pie 📌 Line (Date) 🛞 Circle Packing 📰 Grouped	
Classifications	分类号(CPC分类/IPC分类	[/UPC分类] <sub>Class</sub>	🏹 Tree 🔥 Pie 📈 Line (Date) 📀 Circle Packing 📰 Grouped	
Projects	项目、标签			Digience Go., Ltd.; Woo, In Koo
Inventors	发明人、发明人国别	Expiration Year	24 Line (Future Expiration) 24 Line (Expiration)	
Strength	专利强度	Priority Year	📲 Bar (Source) 🚽 Grouped	
Technical Standa	ards 技术标准		In market strands and strands	

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。



## **INNOGRAPHY°**

	10	Grownin						
٩	Hom	e 蓎 Projects 📒 Pla	ybooks 🂡 PatentlQ	! Alerts			Jobs History   ?	
Refi	ne 🕨	Results: 7188 Patents, 0	Selected				Save Search 🛩	1
₩	View	By Results 🕶			Analyze Save Patents	🛩 Export 🛩 🗱	×	
		Patent Number	‡ Title			Assignee		4
51		CA2605378 C	Compact julcer			Breville Pty Limited	Query Keywords       juicer       Custom Keywords       compat       sidewall       2	
52		U\$20050011373 A1	Juicer			Bsh HausgerÄte Gn Top <b>^</b>	Add Custom Keyword CA2605378 C Compact juicer Overview Claims More Abstract Jump to 51 of 7188 K ( ) J1	

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。

#### **INNOGRAPHY**° 🔍 Home 🚔 Projects 🗿 Playbooks 💡 PatentiQ 🌗 Alerts Jobs History | ? You searched Patent Keywords for 👔 🔺 Results: 7188 Patents, 0 Selected Save Search 🗸 juicer Default Include Body 😭 View By Results 🕶 Analyze Save Patents 🗸 🛛 Export 🗸 🗱 🔲 💠 Patent Number Images Clear All 😒 5 🔲 EP0131569 B1 Refine 0 Reduce Options Family Reduction Options: clear Simple (EPO) Family Extended (INPADOC) Family Application/Case clear Jurisdictions 6 🔲 US4509418 A Click to Select Source Second Second Filter Options 400 Status Active Expired clear Grants/Applications clear 7 🔲 W02018044021 A1 Тор 🔨 clear® a Types

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。

<b>INNOGRAPHY°</b>											
🔍 Home 🔺 Projects 🗧 Play	books	💡 F	atentIQ	! Alerts			Jobs	Histor	y   (	?	•
You searched Patent Keywords for Julcer		Res	ults: 7188	Patents, 0 \$	Selected				Save Se	earch 🗸	2
● Default ○ Include Body		View	By Results	y		Analyze	Save Pate	nts 🗸	Export ~	×   3	2
Refine Clear All @	3 1		Fruit cut	ter and juicer							1
Reduce Options     Family Reduction Options: clear®     Simple (EPO) Family     Extended (INFAOCO) Family     Application/Case      Jurisdictions      Source     Click to Select      Filter Options				NA 100 UND 701	US4479425 A (Expired) Assigner: Automatic Drange Juicer Corp., The, A De Corp. Inventor: Nelson, Stewart C Priority Date: 1983-01-24 Relevance: 39 PCT No. PCT/US83/00111 Sec. 371 Date Jan. 24, 1983 Sec. 102(e) Date Jan. 24, 1983 PCT Filed and performed and the stematic stematic three drange in the sloping of cutting ionife angle of 45 DEG to 80 DEG to the horizontal. Fruit is fed to the kinke (2) via a aloped chute (1) and pedestal (3), where the fruit gradually and fully opens, is placed on a mechanism for expressing to are, generally, as described in the prior art.	d Jan. 24, 196 e (2) and its s d the cut fruit, the juice. Othe	33.A cutter to upporting ca after passin er portions of	halve citru m pedesta g over the the autom	is fruit in I (3) at an cam iatic juicer		
Status clear®											
Expired	2		Cutter an	nd juicer							
Grants/Applications clear® Grants Only Applications Only			1	1	ES277068 U (Expired) Assignee: The Automatic Orange Juicer Corp. Inventor, Nelson, Stewart C						
Types clear®	-			tr.	Priority Date: 1983-01-24 Publish Date: 1984-07-01 Filling Date: 1984-01-24 Relevance: 92						



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。



# 审查国家/组织的筛选:



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 Active Expired	clear
Grants/Applications	clear⊗ 申请
Types     专利类       Utility patents     发明专       Design patents     外观设       Plant patents     植物专	望 clear⊗ 利 计专利 利
Legal Status Abandoned applicatio Terminal disclaimers Litigated Litigated Family Reissued patents Reassignments Multiple assignees	法律状态:axxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
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 Lt	d. 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	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。请留意公司概览页 面的信息不会随虚拟实体的创建而改变。



/irtu	al Er	ntity Editor			
/irtu	al Er	ntity			
San	nsun	g Group		]	Delet
Sams	sung	Group			
Sams	sung			Search	
rga	niza	tions from Current Keyword Search		Selected List:	Clear A
,		Samsung Electronics Co., Ltd.	16503	Samsung Electronics Co., Ltd.	×
>		Samsung SDI Co., Ltd.	3493	Samsung SDI Co., Ltd.	×
		Samsung Electronic Monitor Co., Ltd., Tianjin	146	Samsung Electronic Monitor Co., Ltd., Tianjin	×
>		Samsung Electro-Mechanics Co., Ltd.	113	SHENZHEN SAMSLING COMMUNICATION TECHNOLOGY RESEARC	н 🗸
~	0	Hanwha Techwin Co., Ltd.	31		1111 <b>A</b>
		Samsung TechWin Co., Ltd.	16	Samsung Ecotech	×
		C Comucon Estaculadoru Ind I td	n	Samsung Prec Ind Co., Ltd.	×
the	r Ma	tching Organizations		Samsung Airspace Industrial Co., Ltd.	×
		SHENZHEN SAMSUNG COMMUNICATION TECHNOLOG	GY RES	Samsung Image Security Co Ltd	×
	٥	SAMSUNG TIANJIN MOBILE DEVELOPMENT CENTER	96	Samsung STS	×
		Samsung Ecotech	9	Tionin Demonra High Tech Meter Oc 144	
		Samsung Prec Ind Co., Ltd.	9	Tianjin Samsung High-Tech Motor Co Ltd	
		Samsung Airspace Industrial Co., Ltd.	9	SAMSUNG HOME KOREA CO., LTD.	×
		Samsung Image Security Co Ltd	9	ADVANCED TECHNOLOGY CO., LTD. SAMSUNG ELECTRO-MECH	×
	-	Comoune CTC	^		

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。

13



## Select Columns

All Fields	+	Active States	÷	Drag and Drop to Reorder
General		🕑 Agent	- 1	Ittle
Claims		All CP Classifications	- 1	🗮 Assignee
Classifications		All IP Classifications		📰 Publish Date
Assignee		All US Classifications		Filed Date
Citations		Application Number		Priority Date
Dates		Art Unit Description		Expiration Date
First Page Clipping	5	🔲 Art Unit ID		Patent Strength
Chemical		🗹 Assignee		🗏 Status
Custom Strengths		Chemical Image		Patent Strength Range
Projects		Disclaimed By		🗏 Agent
Partfalial0		Disclaimed To		📰 Project: Name
Portioliolo		Examiner		Nationalized States
		<ul> <li>Expiration Date</li> </ul>	+	Project: Labels
				Num Fwd Citations

# 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。

INNOGRAPHY						
🔍 Home 📑 Projects 🚦 Playboo	ks	🕴 P	atentIQ ! Alerts	i de la companya de l	Jobs Hist	ory   ? 💄
You searched Patent Keywords for	•	Resu	ults: 14445 Patents,	14445 items selected		Save Search 🛩
@abstract "smart phone"		Viev	w By Results 🔻		Analyze Save Patents 🛩	Export 🛩 🗳
O Include Body	#	•	Patent Number	Title	Assignee	publish Date
Refine Reduce By Family Clear All 🔇	1	•	CN1175696 C	Equipment and method for adding blue-tooth function on cellular telephone and <mark>smart phone</mark> platform	Iwill Ladder Technology (beijing) Co., Ltd.	2004-11-10
<ul><li>Jurisdictions</li><li>Filter Options</li></ul>	2	•	CN1426265 A	Equipment and method for adding blue-tooth function on cellular telephone and smart phone platform	Iwill Ladder Technology (beijing) Co., Ltd.	2003-06-25
Organizations	3	•	US20120258700 A1	Smart phone that includes a touch sensitive screen and a wireless communication unit compatible to bluetooth and/or ieee802.11 standards	Flexiworld Technologies, Inc.	2012-10-11
Organization Click to Select	4	•	US20130095887 A1	Smart phones that include a digital camera, a touch sensitive screen, and support for voice activated commands	Flexiworld Technologies, Inc.	2013-04-18
Organization Revenue	5	•	US20130109353 A1	Smart phones or internet phones that support voice activated commands for managing and replying to e-mails	Flexiworld Technologies, Inc.	2013-05-02
no min 🗸 no max 🗸	6	•	US9037088 B2	Smart phone that includes a wireless communication unit compatible with at least one protocol within bluetooth and/or ieee802.11 standards for wireless transmission of avide disits contact from the act there to be	Flexiworld Technologies, Inc.	2015-05-19
IP Cost	7	•	US9092177 B2	Smart phones that include a digital camera, a touch sensitive screen, support for voice activated commands, and support to at least part of a protocol within imag 802.11 standards	Flexiworld Technologies, Inc.	2015-07-28
	8	•	US9383956 B2	Smart phones that include touch sensitive screen and supporting voice activated commands for managing or replying to e-mails	Flexiworld Technologies, Inc.	2016-07-05

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
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) Pie (Law Firm) Bar (Success Rate) 代理人饼状图 律师事务所饼状图 申请成功率柱状图
Location	🚱 World 🔥 Pie 🚺 Heat 🔚 Grouped
Source Jurisdiction	World Grouped
Label	🔂 Tree 🛯 📴 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。





ks 🥊 I	PatentIQ (!) Alerts			Jobs	History	0	-
A Res	sults: 7188 Patents					Save Sean	ch 🛩
🕍 Viev	By IP Class - Display Preferences				E	xport 🗸	*
400	DATE OPTIONS Date Type Publish Year	~	by Publish Year				
300 ±	IP CLASS GROUP OPT Group Options Top 20	NS				Ĵ	M
Patent Cour	IP CLASS VIEW OPTIO Level Subclass	s				ſ	
100		Cancel Confirm	man	1	11	5	
0	9 <sup>90</sup> ,9 <sup>50</sup>	1.950 1.970	20100000000000000000000000000000000000	2000	2010		

# Custom 4D 热力图 (heatmap)



橫坐标 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:



INNOGRAPHY					
🔍 Home 📸 Projects 📲 Playbo	oks 🎙	PatentiQ () Ale	rts.	Jobs <sup>40</sup> History   🔞	2
You searched Patent Keywords for	R	esults: 4496 Patents	s, 4496 items selected	Save Search	÷.
@(abstract,claima,title) "two dimension code" or "two dimensional code" or "two dimensional	44	View By Results =		Analyze Save Patents 🛩 Export 🛩	۰
code of "2-d code" or "quick response		Patent Number	1 Tate	Assignee	P
Cooler Brite Sold Cooler		CN101908155 A	Encoding system and method and decoding system and method of two-dimension code	Zherwince: Net Technology (shanghai) Co., Ltd.; Ideal Marketing Strategist Co., Ltd.	2010
Refine Diear All @	2	CN105185169 A	Analyze Limit number of items to: Min+1; Mise+100000 and ty two-dimension	Narging Yishousse Information Science & Technology Co., Ltd.	2012
Searce Deletations 👻		CN101908155 B	thad of two-dimension code	Zhenxincal Net Technology (shanghal) Co., Ltd.; Ideal Marketing Strategist Co., Ltd.	2011
Entended References Districtions	4	CN103577421 A	Method, device and system applying two-dimension code	Chine Mobile Communications Corporation	201-
Organization Revenue	6	2 US6983886 B2	Two-dimensional code reader setting method, two-dimensional code reader, two dimensional code reader setting program and computer readable recording medium	Keyence Corporation	2004
mi min 🤟 no max 👻		IP4926189 BZ	Being Installation manner of two dimensional code record	Navitime Japan Co Ltd	2013
Original Organization	7	2 CN105205382 A	Two-dimension code identity authentication method and device	Honghe Technology Co., Ltd.	2011
P Cassification		2 JP2004053986 A	Computer readable recording medium setting reader apparatus setting method of reading fees-dimensional code, two dimensional code, device settings and program	Keyence Corp	200

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:

INNOGRAPHY®					
🔍 Home 🔺 Projects 🛛 🛜 Playboo	ks	💡 F	atentiQ 🥊 Alerts		Jobs History   ?? 💄
You are analyzing 51971 Patents	•	Res	ults: 51971 Patents, 0 Selec	ted	Save Search 🗸
Analyze by	₩	View	By Results 👻	A	nalyze 🛛 Save Patents 🗸 🛛 Export 🗸 🗱
Text Clustering 支本服类 PatentScape 2 专利图景 *			÷ Patent Number	∲ Title	Assignee
Recommended by Classificat (자유 학가 표 Backward Citations	1		US20010002926 A1	Method for dialing in a smart phone	Samsung Electronics, Co., Ltd.
+ 2					
<ul> <li>Default</li> <li>Illigated 添許专利</li> <li>opposition 异议专利</li> <li>typestion 异议专利</li> <li>typestion 异议专利</li> <li>typestion 异议专利</li> <li>typestion 是文書</li> </ul>	2	۰	U\$20010034607 A1	System for providing automated real estate services	Greenridge Realty, Inc.
Family Reduction Options: clear					

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。



	X1 - (* f.	Strength									
1	Р	Q	R	S	Т	U	V	W	Х	Y	Z
1	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
2	G07D 7/00 G06K 9/64 G06K	A1	1992/11/30	Mars Gmbh	0	5	5	MARS INCORPOR	10th-20th Percentile	Mars Inc	453031000
3	G07D 11/00	D1	2000/9/15	Giesecke & Dev	0	0	0	GIESECKE & DEVF	0th-10th Percentile	Giesecke & Dev	453031000
4	B42D 15/00 B42D 15/10 B44	A1	1977/3/1	Bank Of England	0	2	5	THE GOVERNOR	0th-10th Percentile	Governor And C	281039000
5	G07D 7/00 G07D 7/12 G07E	A1	2000/1/24	Alaris Limited	1	3	0	DE LA RUE INTERI	0th-10th Percentile	The Alaris Grou	p, Inc.
6	B65H 1/26 B65H 1/00 G07D	A1	1978/12/8	De La Rue Cros	0	2	0	DE LA RUE CROSE	0th-10th Percentile	De La Rue Plc	271163000
7	B41M 3/00 B41M 3/10 B41M	A1	1999/1/26		1	11	13	THE GOVERNOR	30th-40th Percentile	Governor And C	101170000
8	G07D 11/00	B2	1998/3/18	Cts Cashpro Srl	0	3	0	CTS CASHPRO S.I	10th-20th Percentile	Caspro Sa	453031000
9	G07G 1/12 G07D 7/00 G07E	A1	1979/3/27	Laurel Bank Ma	0	1	1	LAUREL BANK MA	0th-10th Percentile	Laurel Bank Ma	235099000
10	B65H 33/00 B07C 3/02 B070	A1	1983/4/4	Kabushiki Kaish	0	2	4	TOKYO SHIBAURA	0th-10th Percentile	Toshiba Corpor	271163000
11	B65H 31/24 B07C 3/02 B070	A1	1983/4/4	Kabushiki Kaish	0	3	6	TOKYO SHIBAURA	0th-10th Percentile	Toshiba Corpor	271163000
12	G07D 7/00 G07D 7/12 G07E	A2	1981/7/24	Fujitsu Limited	1	9	28	FUJITSU LIMITED	30th-40th Percentile	Fujitsu Limited	453031000
13	GOZD Z/001GOEK 9/001GOET	Δ1	1986/11/11	Laurel Bank Ma	0	3	12	LAUREL BANK MA	Oth-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,从而对文本聚类的结果进行调整。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。



NOE S SE BA

Clustering Preferences		ATA BEE BASE THE	
Cluster By	Title, Abstract, Claima	BILE OD	2
Cluster Stop Words/Phrases e.g. sodium telephone ored financing	two-dimension codes	MOHONE COOLS OF	10TA
Cluster Priority Words, Phrases 优先词 e.g. chloride smartphone credit card	Add priority words. One ward	ALLE ALLE	COLUMN T
Cluster Thesasous 同义词 e.g. New Word + Old Word My New Phrase + The Old Phrase Saft - sodium ofMande, table saft, softy	Add additional thesessorie wi Trapic) per tine	No Real State	Shaot.
		BARCO BARCO	an

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。



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 By	Text Cluster 👻		
View Patents Text Clustering	-	Text Cluster	Circles	@ Terrain	Grouped
PatentScape / Recommended by Classification Backward Citations					

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。

Results: 8591 Patents, 248 Unlabeled (from Title, Abstract, Claims)	
💒 View By Text Cluster 🕶	Export 🔫 🗱
Display Preferences	juice extractor,upper end,raw material(436)
TEXTCLUSTER VIEW OPTIONS Group by	squeezer,lower end(207)
tee	fult juicejuice extractorraw material(112)
sweet	juice extracting,screw assembly,extracting



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,提供了另一 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。

- Topics		^ •	Res	ults: 0 items selecte	d							Sav	e PatentScape
Control Unit Data Base Electronic Devices	843 823	Sel	ected	l Topic: Control Unit,	Subset: Not in Subse	<b>.</b>			6 doc	uments per cell.	Cle	ar Selection	Export Chart
Mobile Terminals Blue Tooth Intelligent Mobile Phone Real Time Touch Screen Liquid Crystal	596 495 447 343 307 129		Re	al Time	Mobile	Wireless LAN Creat	Rear Side	Lens Plate QR Codes			Fablet PC	Inte Mobile	lligent e Phone
Tablet PC Rear Side Cover Portion QR Codes Cradle Gaming Machine Wireless LAN	139 194 182 80 86 47 39			Data Base	Cover Portion	Liquid Crystal	Blue Tooth	Sotar Panel Cradle		To Sc	uch reen	Elect Dev	ronic ices
Solar Panel Lens Plate Credentials	18 22 27								Carrights	Analyze	Save Pate	nts ~ Exp	ont ≃ 🗢
Other Topics	686			Patent Number	Publish Date	Assignee		¢ Filed Dat	¢	Priority Date	© Expira	tion Date	Num Fwd
Subsets	Edit 🛩	1		KR20160140049 A	2016-12-07			2015-05-29	20	115-05-29	2035-05	29	0
Microsoft Corporation													
DIC Corporation		2		US20160120001 A1	2016-04-28	Finelite Inc.		2015-10-27	20	114-10-27	2035-10	27	0
Johnson & Johnson													
Kyocera Corporation		з		CN105212912 A	2016-01-06	Yu Xianmei		2015-10-31	20	115-10-31	2035-10	-31	0
Panasonic Corporation			2.00										

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。

🔍 Home 🞽 Projects 🚦	Playbooks 💡 PatentiQ 🕕 Alerts	Jobs History   ?	•
Remote Control Electronic Devices Telephone Number	308 <b>*</b> 291 <b>*</b> 232	Save PatentScap	•
Smart Phone Holder Smart Phone Cradle Credit Card	268 Selected Topic: None 160 95	6 documents per cell. Export	2
Cellular Phone QR Codes Tablet PC Advertising Content Address Book Blood Glucose Information Regarding Non-transitory Computer-readable > Other Topics	Remote Enter Your Text To Find Where It Would Be Found Semantically Within The PatentScape Control A method and apparatus for using electronic documents within a smotphene. A merchant, legal organization, or other entity provides an electronic document to subscriber as proof of registration for a service or of legal entitlement. At the time of registration, the subscriber registers a phone number of a phone a which the subscriber device the is used electronic approximation of the service or of legal entitlement. At the time of registration, the subscriber registers a phone number of a phone and which the subscriber device the issued electronic approximation of the service of the	trol Real Time	
Subsets Add Custom Subset Find Semantic Idea Location	Cancel Phone D1UC +・・	Intelligen Mobile	t
OR Start with a Template: Top 5 Companies	通过语义检索的方式 Telephone Tooth Electronic Devices 添加子集	Smart Phone Cradle	



🔍 Home 🚵 Projects	Playbool	ks 💡 PatentlQ 🕛 Al	erts	(And			Job	s History   ?
Control Unit Smart Phone Case	952 <b>*</b> 790	4						Save PatentScape
Blue Tooth Touch Screen Real Time	455 470 352	Selected Topic: None					6 document	s per cell. Export 🛩
Remote Control Electronic Devices Telephone Number Smart Phone Holder Smart Phone Cradle Credit Card Cellular Phone QR Codes Tablet PC Advertising Content	308 291 232 268 160 95 110 83 72 50	Remote Control	Touch Screen	Internation Regarding Book Tablet Blass PC	Smart Phone Holder	Con <sup>-</sup> Un	trol	Real Time
Address Book Blood Glucose Information Regarding Non-transitory Computer-readable > Other Topics Subsets > Semantically Similar	36 27 39 31 969 Edit V	Smart Phone Case	Cellular Pone Telepone Number	Blu Toot	Codes	Electronic Devices	Smare Phone Cradia	Intelligent Mobile Phone

## 2.专利号检索

Keyword	Publication Number	Application/Serial Number	Semantic Chemical	
US6611	583			Search
	US66	511583 EP0330901	Syntax Hel	P
> Recen	t Activity			

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。



INNOGRAPH	Y		
Q Home 📑 Pri	sjects 📄 Playbooks	🕈 PatentiQ 🔮 Alerts	Jobs <sup>9</sup> History   😗 🚨
US#220394 B2 Oil well perfe 专利概览 Overview	orators 引证图 说明书 Citations Descriptio	、 <mark>标题</mark> ら	✓ 分析 查找相似专利 保存 牛成报告 Analyze Find Mare Like The
Project Info Text Found in any active Extended Reference Desenvational Desenvational Lonion Desenvation Application Number Proving Date Fried Date Publication Dyte Curr. Assgnee	<b> 取目信息</b> またのでは、100 155000000000000 155000000000 155000000000 155000000000 155000000000 15500000000 1550000000 15500000 15500000 15500000 15500000 15500000 155000000 155000000 155000000 155000000 1550000000 15500000000 15500000000 15500000000 1550000000000	Abstract 摘要 An oil and gas well shaped charge perforator capable of providin housing, a high explosive, and a reactive liner where the high exp reactive liner is produced from a composition which is capable of cutting jet. The composition may be selected from any known for typically the composition will comprise at least one metal and at oxide, or any non-metal from Group II or Group IV or at least two one of the metals in the invention may be selected from AL, Qe, Li preferably be a pressed particulate composition, such that the me liner. To aid consolidation a binder may also be added. Drawings 前意	g an exothermic reaction after detonation is provided, comprising a looke is positioned between the reactive liner and the bousing. The f sustaining an exothermic reaction during the formation of the resultation which is suitable for use in an oil and gas well perforator, least one non-metal, wherein the non-metal is selected from a metal metals such as to form an intermetallic reaction. Typically at least , Mg, Mo, Ni, Nb, Pb, Pd, Ta, Ti, Zh or Zr. The liner composition may aterial is consolidated under pressure to form the desired shape of the
Ung Assignme Location Inventors # Claims # Forward Citations # Reviewed Citations	08 Bates, Lester Reymond Rourse, Dran 26 27,75 years 8 23	Claims 权利要求  Claims dl and gas well shaped charge perforator comprising a liner a particulate composition formed from a powder mixture comprising a liner a two orneral elements will undergo an intermetalle alloying reaction to give in which the at least two metal elements are provided in respective propo composition for there comprises are lead and mutule view mutal, whereast in	按权专利显示从申请到授 Bee New New New New New New New New New N
Strength Searches Dangle Family Membe Patient Litigation Asia Company's Related Tr All Related Trademan CP Classifications Main	top-1000 Persentie 扩展检索 address the Pattern address top Pattern CPC分类	the at least two metal elements upon activation of the shaped charge fin Claim #1 Dependents Claim #1 Dependents A liner according to claim 1 in which one of the metals is selected from A liner according to claim 1, wherein a binder is added to aid consolid Claim #6 Dependents A liner according to claim 4, wherein the binder is selected from a g	er n nickel and palladium. ation.

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		
Ctatus	Expired	
Status	Expired Expiration Date	专利状态
	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	
Patent Number	US7321277 B2	
Curr. Assignee	Alcatel Lucent	
Orig. Assignee	Alcatel	原始专利权人
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	前后引田数量
# 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
1	Difference Between This Grant's Claims and Origin	nal Application Claims
2	Deleted From Application Claims / Added To This Document	t
3 4 7 8 9 10	1. A reactive, oil and gas well shaped charge linperforator co assoficiated twoshaped mchargetals, whereby the liner is a g formed from a powder mixture comprising at least two meta that the at least twof metal elements will undergo an interme reaction upon activation of anthe associated shaped charge provided in respective proportions calculated to give an elect composition further comprises at least one further inert metal capable of an exothermic reaction with the at least two metal liner.	emprising a stolichiomnetric compositioand an green caompabcted particule, in operate composition al elements, and whereby the liner is reactive such etallic alloying reaction to give an exothermic , and in which the at least two metal elements are tron concentration of 1.5, and wherein the al, wherein the at least one further inert metal is not al elements upon activation of the shaped charge
11.)	2. A liner according to claim 1 in which one of the metals is a	aluminium.
5 27	3. A liner according to claim 1 in which one of the metals is s	selected from nickel and palladium.
12 13	4. A liner as claimed in claim 1 wherein the composition is a according to claim 1, wherein a binder is added to aid consol	pressed particulate composition.\n\n5. A liner lidation.
14	5. A liner according to claim 1, wherein at least one of the me	etals is coated with a binder.
权利要求	<b>吴级显示</b>	

# 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。



**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。



### 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 case 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 oreating 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. Experimentally, 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.

## 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

A	转让 ssignment	维持 Maintenance	View All
1	Jan 6, 2010 Owner Name Assignor: (effective Feb 22	ASSIGNMENT QINETIQ LIMI BOURNE, BRI/ 2, 2006) ASSIGNA	T TED AN;BATES, LESLIE RAYMOND <i>MENT OF ASSIGNORS INTEREST</i>
1	Jan 6, 2010 Owner Name Assignor: (effective Feb 22	ASSIGNMENT QINETIQ LIMI BATES, LESLI 2, 2006) ASSIGNA	r TED E RAYMOND;BOURNE, BRIAN <i>MENT OF ASSIGNORS INTEREST</i>
1	Aug 15, 2014 Owner Name Assignor: (effective Jul 10)	ASSIGNMENT GEODYNAMIC QINETIQ LIMI 2009) LICENSE	r CS, INC. TED
I	Jan 5, 2016 (No Effective Da	FEE PAYMEN	г

# 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。

Overview Cit	ations Description	Patent Families	Legal Status Pr	osecution				Analyze Save to Proje	ct Generate Report
	Probability of Allow -	vance	Last	Status: Filed date: USPTO status: Correspondence:	Granted 2013-09-10 2015-12-16 2015-12-16		Estim	ated Time to Grant -	
Allowance Rate	Benefit of Interview	Benefit of Appeal	Benefit of RCE	Timings	Correspondences				Export Public Pair
	Mail Room Date	• Docu	ment Code	• Doc	ument Description	•	Document Category	Page Count	•
	2015-12-16	ISSUE	E.NTF	Issu	e Notification		PROSECUTION	1	
	2015-11-25	IFEE		Issu	e Fee Payment (PTO-85B)		PROSECUTION	2	
	2015-11-25	N417		EFS	Acknowledgment Receipt		PROSECUTION	2	
	2015-11-25	N427		Post	t Allowance Communication ming	-	PROSECUTION	1	
	2015-11-25	WFEE		Fee	Worksheet (SB-06)		PROSECUTION	2	
	2015-11-13	892		List	of references cited by exami	ner	PROSECUTION	1	
	2015-11-13	IIFW		lssu clas renu	e Information including sification, examiner, name, c imbering, etc.	laim,	PROSECUTION	3	
< 1/6	> >> 10	•		••					

# 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 U	\$8220394B2	4	Res	ults: 706847 Patents, 0	items selected	Save Search 🛩
Analyze by	八米八七	ŝ	{ Vie	w By Results 🖛	Anal	yze – Save Patenta – 🛛 Export – 🗘 🕏
Classification Analysis Citation Mining	刀突刀机引证挖掘		0	1 Patent Number	© Thie	Assignee
Infringement Forward Citations	无效分析	.1	E.	CA2933225 A1 📀	Consistent entry hole shaped charge	Hunting Titer, Inc.
Forward + Backward Cita	侵权分析	2	0	CA2933439 A1	Low angle bottom circulator shaped charge	Hunting Titan, loc.
Refine	SIVEDAL	3	8	US20160245053 A1	Shaped charge system having multi-composition liner	Schlumberger Technology Corporation
Keywords						
Enter Keywords	2	4		BE551007 A		
Include Body Reduce By Family		5	0	CH331626 A	Procédé pour la fabrication en continu d'éléments en matière plastique armée et machine pour la mise en ceuvre de ce procédé	Blanchi,serge; Lacour,roger
Similarity	High	6	8	CH361232 A	Charge creuse	Societe De Prospection Electrique Procedes Schlumberger
Source	Olek to Select 👻	7	8	DE1182999 B	Hollow charge with exothermically reacting lining	Societe De Prospection Electrique Procedes 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。





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 AI ce Li Mg Mo Ni No 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.

### **Claims Analysis**

Independent Claims: 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, and whereby the liner is reactive such that the 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 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	30
Halliburton Company	18	20	23
Rheinmetall AG	11	5	14
Owen Oil Tools Inc	10	0	13
Molycorp Inc	10	0	13
Marathon Oil Corporation	9	5	11
GenCorp Inc.	7	1	9
Core Laboratories N.V.	5	1	6
Commissariat à l'énergie atomique et aux énergies alternatives	5	0	6
BAE Systems plc	5	20	6
Saab AB	4	3	5
Gas Technology Institute, Illinois	3	0	4
Instytut Cieekiej Syntezy Organicznej Blachownia, Kedzierzyn, PL	3	0	4
US Navy	3	0.	-4
Hunting Titan, Ltd.	3	0	4
Wesfarmers Limited	2	40	3
Boelkow Entwicklungen KG	2	0	3
Eltro 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, threeby forming the intermetallic compound NiAI, 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)
  EP1671013 A1: Improvements in and relating to oil well perforators
  W02005035939 A1: Improvements in and relating to oil well perforators
  CA2541174 A1: Improvements in and relating to oil well perforators
  BRPI0415238 A: Recobrimento de carga oca reativa, perfurador de carga
  ca, canhão de perfuração e métodos de completar um poço de petrôles ou gás
  AU2004279987 A1: Improvements in and relating to oil well perforators
  N020051593 A: Forbedringer ved og knyttet til oljebronnperforatorer
  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

 EP2320025 A1: Improvements in and relating to oil well perforators
 EP1671013 B1: Improvements in and relating to oil well perforators
 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, Qinetid Group plc: 1, State Of Israel, Ministry Of Defence, Israel Military Industries The: 1)

Forward Citations: 8 <i>(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。

🔍 Home 🏾 🞽 Pr	rojects 🛛 🛜 Playbooks	PatentIQ I Alerts		Jol	s History	? 🛓
CN1175696 C Equipment a	and method for a	dding blue-tooth function o	on cellular telephone	and smart phone platform		
Overview	Citations Description	on Patent Families Legal Sta	tus Prosecution	Analyze Find More Like This 🛩 Save	atent 🛩 Generate	Report 🛩
Project Info		Abstract			- 1	EN [ ZH
Projects	: 智能手机 20170829	The present invention relates to a met The said device comprises: a human-	hod of appending a function of computer interface element, a G	FBluetooth on prior cellular telephone and SSM/GPRS module, a Bluetooth module, a	Smart Phone plat n atenna, a coding	form. g and
Labels	· 原始数据 smart phone	decoding means, and other peripheral telephone and Smart Phone but only a	devices. The said method is: no appending a Bluetooth module	ot modifying much in the hardware struct and a CODEC circuit; integrating the Blue	ure of prior cellular ooth protocol stac	r k and
Notes		multiple Bluetooth application profiles Asynchronous Receiver Transmitter (L	in the baseband processes of IART) between the baseband pr	Bluetooth; using the physical interface in rocessor of Bluetooth and the main proce	the format of Univ sor of cellular tele	ersal phone
Users	Support Ourchem	Drawings				
Extended Referen	1003					
0.0			<del></del>			
🔍 Home 🛛 🚔 Pr	rojects 🗿 Playbooks	💡 PatentiQ 🔹 Alerts		J	obs History	•
Q Home 🞽 Pr	rojects 🗧 Playbooks	🕈 PatentiQ 🚺 Alerts	-	j Se	obs History	0 1
Q Home Pr CN1175696 C Equipment a cellular telep	rojects 🖀 Playbooks and method for a phone and smart	PatentiQ Alerts	CN1175696 C on 一种在鲜窝电ì 备和方法	」 话和Smart Phone平台上添	obs History 加蓝牙功能	♀ ▲   ✓
Q Home Pr CN1175696 C Equipment a cellular telep Overview	rojects Playbooks and method for a phone and smart Citations Descriptio	PatentiQ Alerts  dding blue-tooth function phone platform  Patent Families Legal St	on CN1175696 C 一种在蜂窝电音 备和方法 atus Prosecution	J 活和Smart Phone平台上添 Analyzz Find More Like Thia ~ Saw	obs History 加蓝牙功能	) ⑦ 🔔 了 的设 ate Report ~
Q Home Pr CN1175696 C Equipment a cellular telep Overview Abstract	rojects 🖀 Playbooks and method for a phone and smart Citations Description	PatentiQ Alerts	on CN1175696 C 一种在鲜窝电音 备和方法 atus Prosecution Abstract (ZH)	J 话和Smart Phone平台上添 Analyze Find More Like This ~ Sav	bbs History 加蓝牙功能	● ② ▲ ● 的设 ate Report ~ EN   ZH



# 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 Pu	blication Number or Te	ext	语义检索		Search
				Syntax Help	Translate
				Reset to Default	
Title				2	
low Abstract				high	
low		-0		biob 5	
Claims					
low			•••	high 8	
Documents	Per Jurisdiction			1000	
fewer (faster)				more (slower)	
All Patents	Company Project				
🗹 US 🔲	JP CN KR 🗆	WO 🗆 EP 🔲 DE			

或者输入一段文字:



Keyword	Publication Number	Application/Serial Number	Semantic	Chemical	
and a void user. In so included i in other e	ce activated comman ome examples, the Sr n the Smart Phone ar xamples, the Smart P vice over the air or wi	d function for receiving voice nart Phone may take a pictu d transfer the picture to a we hone may stream or transfe relessly in response to a voice	e commands f ire with the dig ireless output r digital conte ce command.	rom the jital camera device; and nt to an	Scaluli

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。

Com	any	Litigation	Irademark	NPL			
Keyword	Pu	blication Number	Application	/Serial Number	Semantic	Chemical	
一种控 彩家 彩 连 建 能 袋 家 後 连 通	于端居端妾过多、设,于信网智备所智号	络通信架构的智 能手机终端、GF 通过信号连接于 述互联网与云服 能家庭网关,所 连接于GPRS无约	能家居系统, (RS无线终端、 智能家庭网关, 务器均电性连 述智能家庭网 ; 通信模块。	包括智能家居 互联网与云肌 所述家庭智 接于智能家庭 关通过电性连	设备、智能家 没务器,其特征 能网关通过信 网关,所述GI 接于报警器,	庭网关、智能 E在于:所述 号连接于智能 PRS无线终端 所述智能手机	Search
Translate						Syntax H	lelp
All Pate	its Co	ompany Project					
✓ US	JP	CN KR	WO EP	DE			

t	Compan	y Litigation	Trademark NPL			
	Keyword	Publication Number	Application/Serial Number	Semantic	Chemical	
	A smart he devices, su Terminal, s which is ch home gate Intelligent connected electrically GPRS wire	ome system based o mart home gateway smart mobile phone, haracterized: the sma eway The smart home remote control Term d to the smart home of d to the smart home of y connected to the al-	n network communication in smart home and intellige GPRS wireless terminal, In art home devices connecte e gateway through the sign inal, the Internet and cloud gateway, the GPRS wireless gateway, through the smart arm, The Smartphone Term module.	architecture, ir ent remote con- ternet and cloud d by a signal ir nal connected servers are el s terminal is el t home gatewa ninal signal con-	ncluding htrol ud servers, h smart to the lectrically ectrically ay is nnections on	Search
1	Original Text				Syntax Help	
	All Patents	Company Project 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。

Keyword	Publication Number	Application/Serial Number	Semantic	Chemical	
Enter Pu	blication Number or Te	ext			Search
				Syntax Help	Translate
-				Reset to Default	
litle				high 2	
Abstract					
low				high	
Claims			_0	[8]	
low				high	
Documents	Per Jurisdiction			700	
fewer (faster)				more (slower)	
All Patents	Company Project				
🗹 US 🗌	JP CN KR	WO EP 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:

View Patents	6	{ Vie	w By Results +	And	yze Save Patoria -> Export -> 🕏
PatentScope / Recommended by Classification		0	1 Patent Number	1 Title	Assignee
Backward Citations Forward Citations Forward + Backward Citations Family Evanation	ъ	0	US20150128732 A1	Passive dry deposition (pas-dd) collector	Her Majesty The Queen in Right Of Canada, As Represented By The Minister Of Environment
Refine (帝)先 Clear All @	2	8	US5618681 A	Polyaromatic hydrocarbon (pah) immunoassay method, its components and a kit for use in performing the same	Mw Monitoring Ip Limited
Keywords	з	8	US5449611 A	Polyaromatic hydrocarbon (pah) immunoassay method, its components and a kit for use in performing the same	Mw Monitoring Ip Limited
Enter Keywords	4	.0	U\$9222858 B1	Dispersive micro solid phase extraction of polycyclic aromatic hydrocarbons from an aqueous sample	King Fahd University Of Petroleum And Minerals
Reduce By Family	5	8	US5970804 A	Methods and apparatus for analysis of complex mixtures	Trustees Of Tufts College, Tufts University
Source Cleik to Select 👻	6	0	US20150377752 A1	Determination of polycyclic aromatic hydrocarbons in water using nanoporous material prepared from waste avian egg shell	King Fahd University Of Petroleum And Minerals
Projecta Cluic to Select 🛩	7		U\$9146228 B2	Determination of polycyclic aromatic hydrocarbons in water using nanoporous material prepared from waste avian egg shell	King Fahd University Of Petroleum And Minerals
Labels Clinit to Select 🛩	-			1-11-0-00 (000-000-075-000)	

# 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

**INNOGRAPHY**\*

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。

Enter Keyw	vords						s	Search
Revenue				Market Can				
no min	~	no max	~	no min	~	no max	~	
# Employee				Patent Count				
no min	~	no max	~	no min	~	no max	~	
Litigation Count								
no min	~	no max	~					

#### 🔍 Home 📑 Projects 📲 Playbooks 💡 PatentiQ 🌗 Alerts Jobs History | ? You Searched Company Discover for Results: 15966 Companies, 0 Selected Save Search 🔐 View By Results 🗸 🕈 🔹 🛛 Export 💌 🗳 • Ultimate Parent Stock Ticker Symbol Stock Exchange + Patent Count Market Capitaliza Keywords Name Reduce by Ultimate Parent 1 🗉 Panasonic Corporation Panasonic Corporation 6752 TYO 1327983 0 Refine Clear All© 2 Hitachi, Ltd. Hitachi, Ltd. 6501 TYO 1100570 0 Annual Revenue clear 3 Toshiba Corporation Toshiba Corporation 6502 TYO 970993 8976451900 no min v no max Panasonic Corporation 4 🗉 Matsushita Electric Co Ltd 847276 0 clear Litigation Co no min v no max 5 🗐 Samsung Electronics 005935 Co., Ltd. KRX 765654 Samsung Electronics Co., Ltd 0 Market Capitalization clear 6 Canon Inc. CAJ NYSE 722427 41640000000 Canon Inc v no max no min 7 SIE FRA 639475 108664000000 Siemens AG Siemens AG # of Employee clear 8 200 no max ~ NEC Corporation NEC Corporation 6701 TYO 606598 6683627600 Mitsubishi Electric Mitsubishi Electric Corpo Patent Count clear 9 6503 TYO 573346 0 Corpora 100 v no max 10 DowDuPont Inc 0 DowDuPont Inc 569928 SIC clear® 11 🔲 562500 Select. Sony Corporation Sony Corporation SNE NYSE 61080350000 General Electric 12 557379 Flag clear General Electric Company GE NYSE 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:

Patent	Company Litigation Trademark NPL	
	Discover Name Comparison	
	denso	Search
	Patent Count	
	Denso Corporation 257463	
	Denso Corp., Kariya 4599	
	Denso Wave Inc 4049	
	Densoo Kk 1368 -	

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。



Citations	司名称 Portfolio			公司 Analy	かけ Add to Proje	回 项目 公司 预 sct Create Company Alert G	<mark>割生</mark>
Summary Stoc	股票			Patents		Top 5 Jurisdictions	±
	Website	www.denso.co.jp/ja/ #	3004	专利信息		1	
	Ultimate Parent	N/A	2004		.9	145,706	
	Validation Source	Extracted from Bibliographic Data	5	100	- 5	32,413	
Denso Corporation	Stock Symbol	6902	1006		-	15,316	
	Market Cap	N/A	0		1	8,227	
	Annual Revenue	\$39,779,334,010	TOPH AN	the set of	1 1	4,717	
	Location	Aichi, 448-866 Japan	102	Active Active Mar		0 50K 100K 150K	2008
	# Employees	146714					1.5.0
		Lest updated 2016-04-14	30		200	Trademarks 赤仁合自	±
roject Info found in any active project subsidiaries	子公司		20 <b>R</b>		100	11111111111111111111111111111111111111	
C D-F G-I J-L M-O P-R	S-U V-X Y-Z View	All (279) Report an Error			100	2 2	-
MERICAN INDUSTRIAL MANUF	ACTURING SERVICES, I	NC.	0	11	work o	1 1 1 1	P
nde Co., Ltd.				Onen day		them the	
nden			Tee	2 Court Turner	and the		
iden (Thailand) Co., Ltd.			Top	5 Court Types	*		
ahi Manufacturing Co., Ltd.							
GMO Co., Ltd.				3			
no Czech s.r.o.							
MO DETROIT, INC			(				
MO GREENVILLE OF NORTH	AROLINA, INC.			20			
MO NORTH CAROLINA, INC.				23			

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,

还可支持统计数据和图表的导出,有助于快速了解公司的主要竞争对手。

🔍 Home 🛛 📩 F	rojects 🗿 Playbooks	💡 PatentiQ	! Alerts		Jobs	History  ?
Denso Corp	oration					
Overview	Citations Portfolio					数据导出
Company C	itations					Export 🛩 🏛
		后引专利			前引专利	
	Denso Corporation	n Backward Ci	tations	±	Denso Corporation Forward Citations	±
Denso Corporati		-		Denso Corporati		
Toyota Motor Co				Toyota Motor Co		
Hitachi, Ltd.				Robert Bosch Gm		
Panasonic Corpo				Mitsubishi Elec		
Mitsubishi Elec				Hitachi, Ltd.		
Nissan Motor Co				Ford Motor Comp		
Robert Bosch Gm				Panasonic Corpo		
Honda Motor Co				Honda Motor Co		
Toshiba Corpora				Hyundai Motor C		
Fujitsu Limited				Continental AG		

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	Î	4	Res	ults: 407958 Patents	s, 0 items selected	Save Se	earch
Analyze by	相似技术	ŝ	{ Vie	w By Results 👻		Analyze Save Patents - Export -	٠
Similar Technologies In Assignment	转入专利			Patent Number	3 Title	Assignee	÷ p
Hidden Assignments	<b>粮田专利</b> 隐藏专利	1		JP5110106 B2	Idling stop decision device		20
	_	2		JPS6077746 U			1981
Refine Keywords	Clear All 🛇	3		JPS63314412 A	Accumulation device for running data of motor vehicle	Sony Corp	1988
Enter Keywords				US20050225175 A1	Vehicle controller and vehicle control method	Fujitsu Ten Limited	2005
Reduce By Family Similarity		5		JP2005325832 A	Vehicle controller	Fujitsu Ten Ltd	2001
•	~	6		JP4066826 82	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
Source	Chicago Series 🖌	7		JP4657705 B2	Vehicle control device	Fujitsu Ten Ltd	201
Extended References	Chair as Salars 🖉 🗸	i,		US4456883 A	Method and apparetus for indicating an operating characteristic of an internal combustion engine	All Corporation	1984
Organization	This is failed			EP0110802 A2	Method and apparatus for indicating an operating characteristic of an internal combustion	All 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。



Year	Patents	Litigation	Trademarks
2007	358% - 11,446	80% - 4	1% - 1
2008	346% - 11,057	20% - 1	9% - 7
2009	361% - 11,554		10% - 8
2010	318% - 10,164	-	10% - 8
2011	287% - 9,182	40% - 2	4% - 3
2012	330% - 10,569	40% - 2	15% - 12
2013	327% - 10,470	-	9% - 7
2014	359% - 11,481	40% - 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

303% - 6,514 actual (9,705 15% - 8 actual (12 est.) 2016

#### **Patent Portfolio**

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

<b>Recent Patent</b>	Si
2016-09-01	DE102004019945: Rotation drive apparatus
2016-09-01	DE102006012441: Ejector pumps circle device
2016-09-01	DE102008033680: Alternating current generator with belt pul-
ley for a vehicle	2
2016-09-01	DE102009011654: Collision - detector device for detecting a
collision of a ve	ehicle
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, control	s air suction quantity corresponding to target valve lifting
amount of cylir	nder, when drive start time is within closed valve period of air in-
take valves	
2016-09-01	US20160252060: Fuel supply device

Top Inventors: (Tsutomu Shiga: 887, Tetsuo Fujili: 868, Masami Niimi: 774, Tadashi Hattori: 637, Hirotsugu Takeuchi: 627, Atsushi Umeda: 573, Ichiro Yo-shida: 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 in-formation contained in the product.

#### Trend Line Visualization

Trend Line Visualization This visualization provides trending of the assets currently owned by the com-pany. 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 ap-proximately 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。

<b>.</b>

🕍 View By Re	sults 🔻
Results	Table Grid
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):

EM



# 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:



GRAPHY										
ne Projec	cts Pl	aybooks	PatentIQ	Alerts					Jobs <sup>1</sup> Histo	ry
	Patent	Com	pany Litig	ation	Trademark	NPL				
		@						Search		
		@*					All-field Search			
		@attorn	neyName				Attorney			
		@count	erclaimant				Counterdefendant			
		@court	erdelenuarit				Court (e.g. candce or California Northern D C)			
		@defen	dant				Defendant	t.		
		@docke	rtText				Docket Text	t.		
		@docun	nentText				Document Text (Legal)			
		@judge					Judge			
		@lawFir	m				Law Firm			
		@outco	me				Outcome Partice (All)			
		@party	t Abetraat				Parties (All) Patent Abstract			
		@paten	tClaims				Patent Claims	1		
		@paten	tNumber				Publication Number			
		@paten	tTitle				Patent Title			
		@p <mark>l</mark> ainti	iff				Plaintifi	Ē		
		@title					Title			
		@trialty	pe				Trial Type	t.		

# 高级检索界面如下:

Patents Litigation Trademark			
Any fie	telephone, credit financing		
Attorne	Grace Van Owen, Stuart Markowitz		
Case Event Typ	Complaint, Order, Answer		
Counterclaima	t Toyota, Pepsico		
Counterdefenda	t Toyota, Pepsico		
Court (e.g. candce, California Norther	nyedce, wiwdce		
Defenda	t Toyota, Pepsico		
Docket Te	sodium, credit financing	]	
Document Text (Lega	sodium, credit financing		
Judg	Janet C Hall, Rya W Zobel		
Law Fin	Cage and Fish, Crane, Poole & Schmidt		
Outcom	Settled, Appeal, Transferred		
Parties (A	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 L for	itigation Keywords	•	Res	ults: 3 Cases, 0	items selected		Save Search 🛩
@patentNumber	r US7663607	Ĥ	∠ Vie	w By Results 🔻		Save Litigation 🛩	Export 🛩 🗱
Refine	Clear All 😒	#		ID	† Title	‡ Court	Filed Date
Plaintiff	Click to Select	1		3:2010cv00661	Apple, Inc. v. Motorola, Inc. et al	Wisconsin Western D C	2010-10-29
Defendant	Click to Select 🖌	2	0	5:2011cv01846	Apple Inc. v. Samsung Electronics Co. Ltd. et al	California Northern D C	2011-04-15
Court	Click to Select 🔽	3		337-TA-750	Mobile Devices and Related Software	International Trade Commission	2010-10-29
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 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:

INNOGRA	PHY						
Home	Projects	Playbooka	Patenti	Q Ale	rts		Jobs <sup>9</sup> History
E Search Ress	ults for @pate	ntNumber US76636	07				R C > H Jumpto 1 of3
3:2010ev0066 Apple, Inc	. v. Mot	orola, Inc. e	at al 案	件编	号、核	顽	
							A del to Device I Device Bourset
Project Info							and an other constant about
Not found in any	y active project		Patents	涉案	長利		
Case Overview	安州		10	7.6-		_	
case of erriter	*11	-184/26	100246897	Meth	od and system	for namer	ation a complex pseudopoles sequence for processing a code division multiple access signal
	Links PACER	Document ::	- Ithadate		Destantiation	ar interfa	ne for notable communication device
Down	Noed Al Ave	Hable Docket PDFs	\$1午信;	記 ト 著	X	ton for and	an te personale contract and a regulard managers in a saferthis roll regular
10	Filed 2010-1	0-29	100404000	Link	and a distantion	and the sec	entered and a barrow of a reserve reserve on reserve
Ternin	noted 2012-0	9-27	003000223	Sec.	pos or acaptive	Constrained and	acctos anempra
Last Ac	tivity 2012-0	9-27	007731828	ayers	m and memor	IOI BALL	weation privacy protection
(	Court Wecor	nsin Western D C	0033/9430	Ubjec	t-onemed syste	In locato	a system
	udge District	Judge Barbara B.	057663607	Math	point touchaure	au .	NUMBER AND AND ADDRESS AND
Test	Time None		U95272333	Meth	ad and apparel	AS IN MICH	interes communication system for controlling a delivery of data
2714	type Both		US7812828	Elips	e fitting for mu	di-touch a	surfaces
Jury ben	nand ware		Deeket It	×+		11	
Date	oprime 0		Docket It	enta IZ	ירויסלא	BNE	D9K
Com	dues 2.2010	10000	Answer	Cape Tran	isfer Cor	nplaint	Corporate Disclosure Statement Motion Order View All
Calle G	H 1	<b>+</b> ++	Date Filed	Docket #	Core Event	Text	
Parties 原	古、作	发古	2012-09-27	44	Order	ORDER Grabb	closing this case administratively. Case may be respond by either party at any time. Signed by District Judge Barbara B on 9/27/12. (reg) (Entered: 09/27/2012)
Show Lew Film	13		2012-09-27	45		Report 09/27/	on Filing of Patent or Trademark: Copy provided to the US Patent and Trademark Office electronically. (vep) (Entered 2012)
Plaintiffs Apple Inc.			2012-09-26	42	Order	-** TEX	T CNLY CRDER ** ORDER granting 42 Motion to Admit Robert Viaels Pro Hac Vice. Signed by Magistrate Judge Peter A er: or %/26/2012. ((i) (Entered. 0%/26/2012)
Oefendanta Motorola Inc	e.++		2012-09-25	42	Motion	Motion Counte (II) (Er	to Admit Robert T. Viasa, III Pro Hao Voe (Pro Hao Voe fee \$50 recept number 0758-1054205) by Plaintiff Apple, Inc., Defendant Apple, Inc. Motions referred to Magistrate Judge Peter A. Oppeneer, (Viasa, Robert) Modified on 9/26/2012 read 09/25/2012)
Motorole Mo	sbility, Inc. **		2012-04-13	41		Status (Schm	Report Regarding Related Investigations in the United States International Trade Commission by Plaintiff Apple, Inc. dt, J40 (Entervet: 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。报告内容包括原被告诉讼统计热力图、涉案专利和法院归档记录:



 Filed:
 2010-10-29
 Terminated:
 2012-09-27

 Last Activity:
 2012-09-27
 Court:
 Wisconsin
 Western
 D C

 Judge assigned:
 District
 Judge Barbara
 Crabber
 Trial
 Type:
 None

 Jury demand:
 Both
 Action:
 Case of rec.:
 3:2010cv00661

Acer Blackberr AT&T Inc. Apple Nokia Corporatior Motorola Solutions Inc Inc. HP Inc. Lenovo Group Limited Dell

for controlling a

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

**Docket Items Analysis** 

Docket Items: 50

#### Last 10 Entries:

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: 2012-00-27)

09-27) 3. \*\* TEXT ONLY ORDER \*\* ORDER granting 42 Motion to Admit Robert Via-3. \*\* TEXT ONLY ORDER \*\* ORDER granting 42 Motion to Admit Robert Via-19/26/2012.

09-27)
09-27)
09-27)
09-27)
09-27)
09-27)
09-26/2012.
09-26/2012)
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/2012]
09-26/201

Party (Plaintiff or Defendant)	U.S. Court Cases	Revenue
Apple Inc.	978	\$ 233,715,000,000
Motorola Solutions Inc	209	\$ 5,695,000,000
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	\$ 13,739,525,750
Sony Corporation	102	\$ 80,135,393,073
LG Electronics Inc.	99	\$ 48,974,403,755
AT&T Inc.	81	\$ 146,801,000,000
HP Inc.	79	\$ 103,355,000,000
Dell Inc.	77	\$ 58,100,000,000
Blackberry Limited	77	\$ 2,160,000,000
Microsoft Corporation	77	\$ 85,320,000,000
Verizon Communications Inc.	69	\$ 131,620,000,000
Acacia Research Corporation	62	\$ 130,880,000
Alphabet Inc.	57	\$ 74,989,000,000
Acer Incorporated	55	\$ 11,920,400,000
Panasonic Corporation	54	\$ 75,183,807,118
Toshiba Corporation	48	\$ 64,354,600,960
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 communica-

- tion device US5359317 A: Method and apparatus for selectively storing a portion of a з.
- US5359317 A: Method and apparatus for selectively storing a portion of a received message in a selective call receiver
   US5636223 A: Methods of adaptive channel access attempts
   US7751826 B2: System and method for e911 location privacy protection
   US5749430 A: Object-oriented system locator system
   US7663607 B2: Multipoint touchscreen
- 8. US6272333 B1: Method and apparatus in a wireless communication system

\*\* TEXT ONLY ORDER \*\* ORDER granting 36 Motion to Withdraw by God-frey & Kahn, S.C., James D. Peterson and Bryan J. Cahili as Attorneys for plain-tiff. Signed by Magistrate Judge Stephen L. Crocker on 9/27/2011. (ilj) (En-tered: 09/27/2011) (filed: 2011-09-27)
 Motion to Withdraw as Attorney and Notice of Withdrawal as Counsel by Godfrey & Kahn, S.C. by Plaintiff Apple, Inc., Counter Defendant Apple, Inc., Re sponse due 10/3/2011. (Peterson, James) (Entered: 09/26/2011) (filed: 2011-09-26)

Re-

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 infor-mation 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.

文档结尾 🔳

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。



INNOGRAPHY	Y									
🔍 Home 🛛 🚔 Pro	jects 📑 Playboo	oks 🌹 Pater	ntlQ ! Al	lerts						Jobs
You searched Litiga for	tion Keywords	Results:	3 Cases, 0 it	tems sele	acted	-1942-1142-DT	铜化日子		_	
@patentNumber us7	663607 al	삶 View By	Results -	TRUET	旧大班口	相小进行中	现代亚小		Ser	e Litigetio
Refine (存)件	Clear All 🥥	Results	Table Grid			^		0 Court	Filed Date	
Courts		Plaintiff	Heat 6	Pie	Grouped			Wisconsin Western D C	2010-10-29	
Pantit		Defendant	💦 Heat 🍕	Pie	Grouped	s Co. Ltd. et al		California Northern D C	2011-04-15	
Desendant	Contraction of the	Court	Heat (	Pie	Grouped					
Court	Detta Salari	Judge	Heat (	Pie	Grouped	ware		International Trade Commission	2010-10-29	
Judge	Dist to Select 👻	Law Firm	Heat (	Pie :	Grouped					
Counsel		Attorney	Heat	Pie	Grouped					
Law Firm	Chin in Solare 💌	CP Class	Bi Heat	Pie	Grouped					
Attorney	Did to Salart 🔽	IP Class	Heat (	Pie	Grouped					
Classifications		USP Cless	Heat	Pie 1	Grouped					
CP Classification	Chin to Select 👻	Outcome	Heat (	Pie	Grouped	-				
IP Classification	Chin to faster 👻	Case Events	Heat	Pie :	Grouped	~				

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		dcdce	Judge Rosemary M.	35:183 Patent Infringement	830 Patent
3:2009cv01355	Digimarc Corporation v. Shazam E	Digimarc Corporation	Shazam Entertainment, Ltd.	2009/11/16		ordce	Judge Garr M. King	35:271 Patent Infringement	830 Patent
2:2009cv00865	Cummins-Allison Corporation v. D	Cummins-Allison Co	Data Financial Business Serv	2009/9/9		wiedce	Judge Rudolph T Ra	35:271 Patent Infringement	830 Patent
4:2009cv00148	Fire King International LLC v. Tidel	Fire King Internationa	Corporate Safe Specialists In	2009/4/2	2009/4/28	txedce	Judge Richard A Sc	35:271 Patent Infringement	830 Patent
3:2008cv00466	United Coin Machine, Co. v. Arden	United Coin Machine	Ardent Progressive Systems :	2008/8/28		nvdce	Judge Larry R. Hicks	28:1338 Patent Infringement	830 Patent
9:2007cv00228	Cummins-Allison Corp v. Shinwoo	Cummins-Allison Co	Shinwoo Information & Teleco	2007/9/24		txedce	Judge Ron Clark	35:271 Patent Infringement	830 Patent
9:2007cv00196	Cummins-Allison Corp v. Shinwoo	Cummins-Allison Co	Shinwoo Information & Teleco	2007/8/27		txedce	Judge Ron Clark	35:271 Patent Infringement	830 Patent
1:2007cv02206	Corporate Safe Specialists, Inc. v. F	Corporate Safe Spec	FireKing International, LLC	2007/4/20	2007/8/9	iIndce	Honorable Amy J. Sl	28:2201 Declaratory Judgement	830 Patent
3:2007cv00655	Fire King International LLC v. Corp	Fire King Internationa	Corporate Safe Specialists In	2007/4/16		txndce	Judge A. Joe Fish	35:271 Patent Infringement	830 Patent
2:2007cv00077	Tidel Technologies, Inc. et al v. Fire	Tidel Technologies, I	FireKing International, Inc.;FK	2007/3/9		txedce	Judge T. John Ward	35:271 Patent Infringement	830 Patent
2:2005cv01433	Japan Cash Machine Co., LTD v. N	Japan Cash Machine	MEI, Inc.	2005/12/2		nvdce	Judge Robert C. Jon	35:271 Patent Infringement	830 Patent
3:2005cv01767	Corporate Safe Specialists Inc v. Ti	Corporate Safe Spec	Tidel Technologies Inc;Tidel	2005/9/1	2007/4/2	txndce	Judge Ed Kinkeade	35:271 Patent Infringement	830 Patent
1:2005cv22219	Int. Currency Tech v. Accubanker	International Current	Accubanker	2005/8/10	2005/11/21	fisdce	Judge Patricia A. Se	35:0145 Patent Infringement	830 Patent
1:2005cv03165	MARS INCORPORATED V. JCM A	MARS INCORPORA	JCM AMERICAN CORP.; JAP.	2005/6/17	2008/12/23	njdce	Judge Robert B. Kug	35:145 Patent Infringement	830 Patent
2:2004cv00236	Glory LTD et al v. Cummins-Allisor	Glory LTD; Glory Sho	Cummins-Allison Corp	2004/6/25	2007/9/27	txedce	Judge T. John Ward	35:271 Patent Infringement	830 Patent
1:2003cv08547	Glory Ltd, et al v. Cummins-Allison	Glory Ltd;Glory Shoji	Cummins-Allison Corporation	2003/11/25	2004/6/3	iIndce	Hon. Suzanne B. Co	35:183 Patent Infringement	830 Patent
2:2003cv00358	Cummins-Allison Corp v. Glory LT	Cummins-Allison Co	Glory LTD; Glory Shoji Co LTD	2003/10/20	2006/3/28	txedce	Judge T. John Ward	35:271 Patent Infringement	830 Patent
1:2002cv07008	Cummins-Allison Corp v. Glory Ltd	Cummins-Allison Co	Glory Ltd;Glory Shoji Co., Ltd.	2002/10/1	2007/4/25	iIndce	Honorable Richard A	35:271 Patent Infringement	830 Patent
1:2001cv00416	Ellenby Technologies, et al v. AT S	Ellenby Technologie	AT Systems Inc.;AT Systems	2001/6/19	2002/5/6	dedce	Honorable Sue L. Ro	28:1338 Patent Infringement	830 Patent
9:2000cv08659	Global Transaction v. LML Paymer	Global Transaction S	LML Payment Systems, Inc.;L	2000/7/20	2001/1/11	fisdce	Chief Judge William	28:1338 Copyright Infringement	830 Patent
1:2000cv01218	Cummins-Allison Corp v. De La Ru	Cummins-Allison Co	De La Rue Cash Systems Inc	2000/3/1	2000/8/7	iIndce	Honorable William J	35:271 Patent Infringement	830 Patent

# 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

捜索域	说明	搜索域/前缀	说明
@attorney	代理人	<pre>@pseudoMark</pre>	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) <sup>®</sup> 三位代码
@ownerAddress	当前所有人地址	ustc_	美国贸易分类号(USTC) <sup>®</sup> 三位代码

检索界面如下:



INNOGR/	APHY												
Home	Projects	Play	books Pater	ntlQ Alert	s					Jobs	History		
		Patent	Company	Litigation	Trademark	NPL							
			0					1					
			@						Search				
			@*					All-field Search					
			diationicy					Attorney					
			@goodServices					Goods & Services					
			@markDescription					Mark Description					
			@markType					Mark Type					
			@owner					Owner					
			@ownerAddress					Owner Address					
			@pseudoMark					Pseudo Mark					
			@registrationNum	ber			R	egistration Number					
			@serial					Serial Number					
			@wordmark					Word Mark					

# 检索结果界面如下:

INNOGE	APHY							
Q, Home	🚔 Projects 🛛 🛜 Playboo	ks	۴ P	PatentiQ	Alerts			Jobs History 🕜 👤
You search	ed Trademark Keywords for he 商标所有人检察	<b>₹</b>	Res	ults: 3429 Tr	ademarks, 0 items selected			Save Search 🛩
Refine	Clear All 😳			w by results *				
C Status			-	ID	© Title	© Owner	Filed Date	<ul> <li>Relevance</li> </ul>
Context	Chek in Salari 🛩	,		85786108	GET A SLICE OF THE APPLE.	Town of Apple Valley	2012-11-21	73
Live/Dead	有效/无效	2		78950740	APPLE VALLEY SCALE COMPANY	Apple Valley Scale Company	2006-08-11	73
Owner		x		74434868	APPLE HOLLER	APPLE FARM MANAGEMENT, INC.	1993-09-13	73
C Dates								
File Date	申请日期	4		77760094	APPLE SMOKED CHEESE	RED APPLE CHEESE, LLC	2009-06-15	73
	YYYY - NOV DO C YYYY	5		77043895	THE CARAMEL APPLE GIFT COMPANY LLC	The Caramel Apple Gift Company LLC	2006-11-14	73
Classification IP Classification	ins IPC分类号	•		86031606	SWISS APPLE	Swiss Apple, Inc.	2013-08-07	73
Trademark Clar	mination 商标种类 ~	7		73119155	SHENANDOAH	Shenandoah Apple Co-Operative, anc.	1977-03-15	73
O Projects				74721806	WASHINGTON APPLES THEY ARE AS GOOD AS YOU'VE HEARD	Washington State Apple Advertising Commission AKA	1995-08-28	73

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:



Clearch Results for SOD045 PPLE roject Info Iot found in any active rademark Overview	@owner apple		Add to Project Germate Re
SDOO45 PPLE reject Info Int Inurd III any active redemark Overview	project		Add to Project Operation Re
reject info Iot hund in any active rademark Overview	project	-	Add to Project German's Re-
roject info ict found in any active ademark Overview	project	Image	Add to Project Generate Re
iot found in any active ademark Overview	project	Image	
ademark Overview		image	
	100000	ala -	
Lots Setal Number	73105046	appia	
Regariation	1200280		
Filed Date	1981-03-05		
Opposition Date			
Mark Type	TRADEMARK	Goods and Services	
Mark Drawing Code	(2) DESIGN PLUS WORDS, LETTERS, AND/OR NUMBERS	Computers, Computer Peripherals and Computer Programs Recorde DATE OF FIRST USE: 1977.01.00	d on Discs
Live/Dead	Dead	DATE OF FIRST USE IN COMMERCE: 1977.01.00	
Owner	Apple Computer, Inc.	Design Search Code	
Owner Address	10260 Bandley Dr. Dupertine CALEDRINA	beargn bearon obbe	
	95014 CORPORATION Corporation	05.09.05 Apples	
arches 相	关专利	Classifications	
	1010-0074	v Intil. Trademark Classification	
Company's Related Pat Al Related Patents	ente	009 Electrical and scientific apparatus	
U Related Trademarks Inademarks with Relate	d Designs	~ Intl. Patent Classification	
	100	C12N 15/00: Mutation Dr Genetic Engineering, Dna Or Rna Concerning Gene Purification, Use Of Hosts Therefor	rtic Engineering, Vectors, E.g. Plasmids, Or Their Isolation, Preparation Or
		G06F 3/00: input Amangementa For Transferring Data To Be Processed into	A Form Capable Of Being Handled By The Computer
		G06F 9/00: Antangements For Programme Control, E.g. Control Unit	
		606F 17/00. Digital Computing Or Data Processing Equipment Or Methods,	Specially Adapted For Specific Functions
		HD4L 12/00: Data Switching Networks	
	4		

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	4	Res	ults: 91321 Patents, 0 i	tems selected	Save Search 🛩
IPC_G06F00300000 IPC或USC与	ョ商	标	描述	Ana	lyze – Seve Patientie 🥪 – Esport 🛩 😫
IPC_G06F01700000 IPC_H04L01200000 USC_358441000		.0	Patent Number	1 Title	Assignee
USC_530392000 USC_713500000 USC_714799000 USC_435317000*=1 'APPLE*=1	1	Ð	US8510665 82	Methods and graphical user interfaces for editing on a multifunction device with a touch screen display	Apple Inc.
Include Body	2	8	US7669134 B1	Method and apparatus for displaying information during an instant messaging session	Apple Computers, Inc.
Refine Clear AT ©	3	9	CN1809796 A	Graphical user interface for browsing, searching and presenting media items	Apple
Reduce By Family					
Source Clear to facuer	4		US8255815 82 📀	Motion picture preview icons	Apple Inc.
Extended References Click to Select V	5	0	US8261191 B2	Multi-point representation	Apple Inc.
Organization Division (	6	.0	US8677257 82	Granular graphical user interface element	Apple Inc.
no min 👻 no max 👻	7	8	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。



Keyword Se	mantic		
@			Search
@*		ŝ	All-field Search
@abstract			Abstract
@authors			Authors
@text			Full Text
			Title

# 检索结果信息显示如下:

You searched N	on Patent Literature for	4.8	Results:	458 Paper	5											Save Search
@title "multi tou	ch"							Doc	uments	per Pub	ication Y	/ear				
View by		60 -														
Text Clustering	文本聚类										_		1			
Refine	Clear All 🚭															
Source	数据来源	22								-	-	- 0		-	-	
Source Type	(No) to Salary 🗸		_		_	_	_									
Author	Chiefe States 🔍	Selec	uộiế: O D	ocyments	P	P	15th	P	10th	1	-Ball	dit.	dit.	1500	At Save Davar	eren 🕴 Esport
Year		per s														
	eler O			Multi-touch by Sean Hay	h Interac es, Eli Hoc	ction for ta oter, Julie A	asking robo	đs								
Projecta	China Salar 🖌		1	later adopted interactions.	e is to dev 5 for voice An initial	reop a mobi r and touch user evaluation	interaction, A tion found th	oct imertace A new multi-to at the multi-t	mat is optimi such interfaci ouch interfac	e permita mi e ia preferre	itouch input ilti-touch gei d and yields	tures, for ex superior per	pertentace wi ample zoomi loomance	is designed f ng and parni	or mouse and keyboard i ng a map, and robot task	apeofic touch
	Chief in States			Relevance: 7	8									原	义链接 👐	unitrier.de 🗋

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。





# 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。

INNOGRAPHY					
Q Home Projects Playbooks Y PatentiQ	1 Alerts				Jobs 🤊 History   📀 💄
Search Project Names, Labels & Filenames	Create Project	Advanced Sear	ch		
不同的项目列表	Items	Created	Last Active	Owner	Sushier Patients
▼ ■ _thSi ▼ ■ Patents	4512 4512	2016-07-15	2016-09-01	James Wang	Projects: 140 Labels: 288
	4398 70	2016-07-15			Project中的专利量、标签数
CN CN	114	2016-09-01			Giter Section
▶ 💼 lydia	55883	2016-08-16	2016-09-01	James Wang	F7917*01
▶ ● 西安电子科技大学	8793	2016-08-03	2016-08-31	James Wang	
▶ <b>■</b> 健康院	445	2016-08-30	2016-08-30	James Wang	46806
▶ <b>■</b> 新能源汽车	387	2016-08-29	2016-08-29	James Wang	专利申请
magnetic probe	4821	2016-08-29	2016-08-29	James Wang	36804
▶ m 西安理工大学(4)	3019	2016-08-02	2016-08-29	James Wang	现外专利申请
▶ mm 至南大学	2535	2016-07-08	2016-08-26	James Wang	31549
► ■ F	O 3278	2016-08-15	2016-08-26	James Wang	20767
▶ ● 广方项目	82011	2016-05-08	2016-08-26	James Wang	电子气门
▶ ▲ 行星搅拌机 (12)	15193	2016-08-10	2016-08-23	James Wang	18470
► ■ 20160822	9	2016-08-22	2016-08-22	James Wang	400
sherry-GZDX (1)	907	2016-08-12	2016-08-17	James Wang	17273

# 下图是Items栏旁边齿轮键可进行的操作。

Search Project Names, Labels & Filenames	Clear Search	Create Project	Advanced Searc	h	
		Items	Created	Last Active	Owner
▶ 💼 二维码		4512	31 70 3100	0014 00 01	James Wang
🕨 💼 lydia		Analyze Patents	专利分	BT .	James Wang
▶ 💼 西安电子科技大学		Manage Labels	管理标	签	James Wang
▶ 💼 健康院		Create	创建子	项目	James Wang
▶ 💼 新能源汽车		Rename	重命名		James Wang
magnetic probe		Import Patents	导入专	<b>EII</b>	James Wang
▶ ■ 西安理工大学 (4)		Clone	(百生)	<b>1</b> .0	James Wang
▶ ■ 暨南大学		Share	复刑		James Wang
▶ 💼 F		Transfer	刀子		James Wang
▶ 💼 广汽项目		PatentIQ	牧杨	+ +	James Wang
▶ 💼 行星搅拌机 (12)		Upload	智能仪	表益	James Wang
► 1 20160822		Move to Trash	上传文	件	James Wang
sherry-GZDX (1)		Archive	移至垃	圾箱	James Wang
长海医院磁性纳米粒子(0810)		Clone to Users	存档		James Wang
▶ 💼 lei (2)		482	复制给	其他用户	James Wang
▶ 💼 全球汽车用新型碳纳米复合材料技术		54044	2010-00-01	2010-00-12	James Wang
▶ ■ 核电技术		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。

PatentlQ(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。

Projects - 二维码 Manage Patents		<ul> <li>Results: 4511 Patents, 4511 items selected</li> </ul>		1 items selected 从项目中移出专	从项目中移出专利 添加标签 清除标签		
Define and					Remove from Project Add Label	Clear Label 🏼 🏚	
Retine		2	2 Patent Number	0 Title	Project: Labels	Project: Note	
Keywords	-						
Enter Keywords	1	8	US20010017319 A1	Scanner	uston		
Source the indust v	1		US20010017932 A1	Encoding and recording a message within an image	un ( en		
Extended References Disk = talks   *		ø	U\$20010023896 A1	Techniques for reading two dimensional code, including maxicode	us   cn		
Organization Division Indian V			US20010025886 A1	Autodiscrimination and line drawing techniques for code readers	wien		
Organization Revenue							
na min 🔍 na mas 🗸	÷.	Ø	US20020023961 A1	Data code image reading apparatua	us ( cn		
Driginal Organization the scheme 💙	à.		US20020030713 A1	Printing certridge with two dimensional code identification	us ( on		
CP Classification	-						
IF Classification	2.	2	US20020044689 A1	Apparatus and method for global and local feature extraction from digital images	us ( en		

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。



Import Patents						
TYPE						
Publication Numbers						
O Application/Serial Numbers						
SOURCE						
<ul> <li>Spreadsheet File (.xls, .xlsx or .csv)</li> <li>Label Delimeter:</li></ul>						
File to Import:						
浏览						
O List of Numbers						
ouncer						

# 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)。

Save Search to Project	
Project 二维码	~
Title	
You are analyzing 4512 Patents	×
	Cancel Confirm

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 👻	∫ f∗ Identifier					
	A	В					
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倒相关项目。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。

~
prward slash to nest labels
Min = 1, Max = 60000

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(PatentlQ)

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 PatentlQ 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。

	Alerts
PatentIQ Dashboards Datasets Files	+ New Dilishboard
	All Dashboards + Date Created (Newest First) +
IntroB Webinar No Description	(Published: Mar 17, 2016 12:59 PM) (© Users)
ReleaseTest3 No Description	(Unpublished)(@Users)
ReleaseTest2 No Description	(Unpublished) (Ullers)
ReleaseTest No Description	Published, Mar 2, 2016 10:05 PM [ 3 Users ]
Intro A Dashboard	[Unpublished] [@Users]
New Company Dataset	New Search Dataset Project Dataset Existing Dataset
Dataset Name	
Companies	Select up to 10 companies
Patent Keywords	
Litigation Keywords	
Trademark Keywords	

## 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。



NOGF	RAPHY									
<b>L</b> Home	🖄 Projects	Playbooks	PatentlQ	! Alerts						? 2
			二维码					Files	Sharing Settings	
			Created: Jul 27, 2016 2	13 PM   Last Modifie	ed: Jul 27, 2016 2:13 PM				Send Feedback	
	Select the data like to display	you would		You ha	ave no widgets on y	our dashboard. D	Drag a widget from the libra	ry to <mark>begin</mark> .		
	You searche	d P 🔻								
	Drag and Drop a to add to the da	a widget ishboard								
	Summary									
	Activity									
	Source Jurisdie	ction								
	Market									
	Trademarks									
	PatentStrength	тм								
	Classification									
		IP S	ummary All Time -	atent Keyw	ords for: @(a	hetract claim	os title)		/♥?	*
		D	ataset Statistics	atent Keyw	Applications Fi	led	Patents Granted	Patent	ts Expired	
		Ti O	stal Results - 4,736		Filed Date - All Time		Publish Date - All Time	Expiration	on Date - All Time	
		:	Denso Corporation Honeywell Internatio	nal Inc.	3.081		1.654	29	7	
			Tencent Holdings Lt Toshiba Corporation	d I	-,		.,			
Select like to	t the data you wou display	uld •	Plus 1,369 more		US E	P	US KR	CN -	EP	
You	searched P	•								
Drag a to add	and Drop a widge d to the dashboar	t d Inn	ography PatentStrengt	h™ All Time <del>v</del>	All Patents 🗸				/ 🤋 ?	± -
Sum	mary	Yc	u searched P	atent Keyw	ords for: @(a	bstract,claim	ns,title) Total Proportion			
Activ	rity		JK							
Sour	ce Jurisdiction	atents	2k -						Low	
Mark	(et		1k -	_					Medium High	
Trad	emarks		0k	30 40 60	60 10 a0	90,00				
	101 117		0-10-20	30- 40-2	50- 60- 10-0	20-12				

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









## 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 <sup>Sharing</sup>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。



-	Company Litigation Trademark	NPL My Po	ortfolio	Use Search
	Keyword Publication Number Application	on/Serial Number	Semantic Chemical	
	Enter Keywords			Search
	Source: Default 🔹 🔲 Convert Legacy Query	/	Syntax	Help
	Show History		Clear Histo	bry
	2 @abstract laparoscopy		1107	
	1 @title surgery		45468	
	<ul> <li>&gt; Recent Activity</li> <li>&gt; Projects</li> </ul>			
	<ul> <li>&gt; Recent Activity</li> <li>&gt; Projects</li> </ul>		Jobs	4 History
	<ul> <li>&gt; Recent Activity</li> <li>&gt; Projects</li> </ul>	Clear History	Jobs Import <del>–</del>	4 History Export
	<ul> <li>&gt; Recent Activity</li> <li>&gt; Projects</li> </ul>	Clear History 12-31-201	Jobs Import <del>▼</del> 9	4 History Export
	<ul> <li>&gt; Recent Activity</li> <li>&gt; Projects</li> <li>Home</li> <li>Keywords: @title laparoscopy</li> </ul>	Clear History 12-31-201 12-31-201	Jobs Import <del>▼</del> 9 510	4 History Export
	<ul> <li>&gt; Recent Activity</li> <li>&gt; Projects</li> <li>Home</li> <li>Keywords: @title laparoscopy</li> <li>Keywords: source_AP</li> </ul>	Clear History 12-31-201 12-31-201 12-31-201	Jobs Import <del>▼</del> 9 9 510 9 13686	4 History Export

# 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。

Info	CustomStrength Preferences	Cookie Policy		
	Save History Preferences			
	Enable history log (search history will be kept for 14 days)			
		1 m m m m m m m m m m m m m m m m m m m		the second se
		Clear History	Import 🔻	Export
	Home	Clear History 12-31-2019	Import 🔻	Export
1	Home <b>Keywords</b> : @title laparoscopy	Clear History 12-31-2019 12-31-2019	Import -	Export
1 2	Home <b>Keywords</b> : @title laparoscopy <b>Keywords</b> : source_AP	Clear History 12-31-2019 12-31-2019 12-31-2019	Import ▼ 510 13686	Export
1 2 3	Home Keywords: @title laparoscopy Keywords: source_AP Keywords: @abstract surgery and medicine and endoscopy	Clear History 12-31-2019 12-31-2019 12-31-2019 12-31-2019	510 13686 40	Export
1 2 3	Home Keywords: @title laparoscopy Keywords: source_AP Keywords: @abstract surgery and medicine and endoscopy Project Index	Clear History 12-31-2019 12-31-2019 12-31-2019 12-31-2019 12-31-2019	Import ▼ 510 13686 40	Export
1 2 3	Home Keywords: @title laparoscopy Keywords: source_AP Keywords: @abstract surgery and medicine and endoscopy Project Index Project Index	Clear History 12-31-2019 12-31-2019 12-31-2019 12-31-2019 12-31-2019 12-31-2019	Import ▼ 510 13686 40	Export