

Derwent Innovation

用户快速上手指南 2019年8月版

Derwent
Powering IP Innovation

 **Clarivate**
Analytics

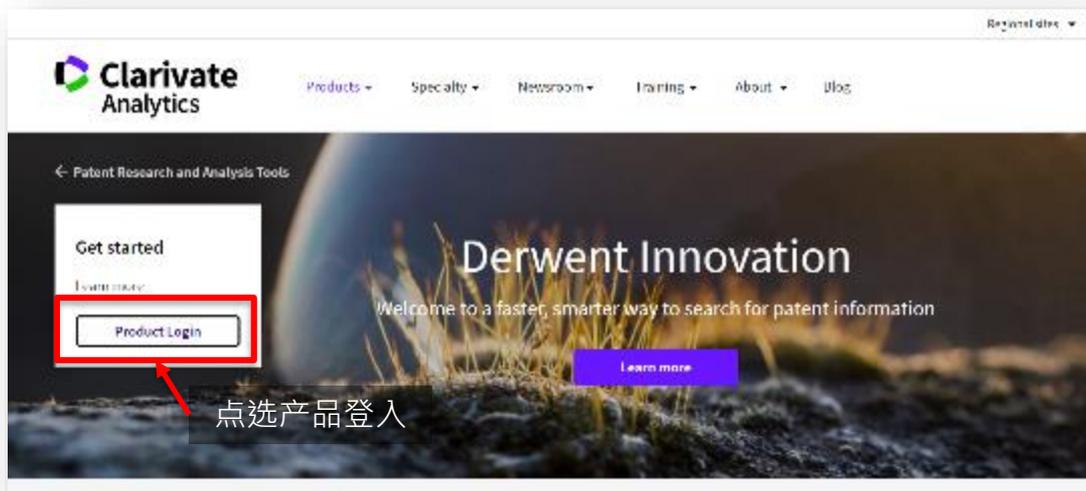
目录

如何登入?	账号设定与支持	Appendix I
快速检索 Quick Search	使用技巧资源: 成功蓝图	切截符号如何使用?
专利检索/分析	调整最佳作业环境	邻近操作数如何使用?
专利字段检索	取得支持与系统各项功能说明	申请人检索怎么作?
基本常用字段	Derwent Innovation的AI功能	检索指定专利局的专利怎么做?
专利公开号检索	Smart Search 智慧检索	如何查DWPI Assignee Code申请人代码?
查看检索结果	Predictive Data预测数据	如何应用DPWI Assignee Code帮助检索?
查看专利内容	优化申请人与和终属母公司	如何应用DPWI Assignee Code帮助统计?
引证分析图 Citation Map	智能主题	数据集和覆盖范围概述
导出	Derwent Innovation的进阶功能	DWPI (Derwent World Patents Index)是什么?
下载	ThemeScape专利地图	分类列表、代码和列表
储存	Text Clustering 文本聚类	Appendix II
追踪		Derwent Innovation 基础入门资源 (连结)
检索历史		免费教学影片 (YouTube 连结)
储存/下载/信息中心		Derwent Innovation成功蓝图 PDF下载
工作文件夹		
下载中心		
通知中心		联系我们 400-8822-031

如何登入？

请透过这个连结进入 [Derwent Innovation](https://clarivate.com/products/derwent-innovation/) 的产品登入页面

<https://clarivate.com/products/derwent-innovation/>



Derwent
Powering IP Innovation

附注说明

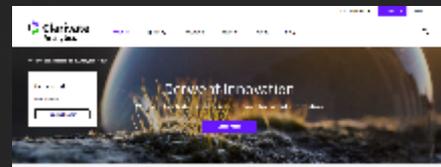
Derwent Innovation是在云端运作的专利数据库。完全不需安装。用户可将产品登入页面加入浏览器中的「我的收藏」。

或透过搜索引擎搜关键词

Derwent Innovation



即可找到产品登入页面



如何登入?

Clarivate Analytics Derwent Innovation

SELECT LANGUAGE: [ENGLISH](#) | [日本語](#) | [简体中文](#)

Log into Derwent Innovation

QUICK LAUNCH IP AUTHENTICATION

EMAIL:

PASSWORD:

[Forgot your password?](#) [LOG IN](#)

Sign in with SSO

输入您的使用者信箱(账号)与密码并点选登入

© 2019 CLARIVATE ANALYTICS [COPYRIGHT](#) [PRIVACY POLICY](#) [TERMS OF USE](#) [CONTACT US](#) [VISIT IP.CLARIVATE.COM](#)

附注说明

Derwent Innovation的设计是一个账号对应一个使用者。启用前便会跟使用者确认登入信箱并要求初次使用的用户重设新密码(Forget your password)。

用户在任何装置都能随时登入Derwent Innovation。需要注意的是，后面的登入会将前面的登入者踢出。

认识初始画面: 快速搜寻栏

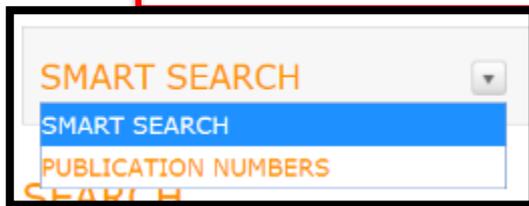
左上角的Derwent Innovation是「首页键」
在任何页面点选都可以跳回初始画面



快速搜寻栏

SMART SEARCH

Enter key terms or text block



附注说明

Smart Search 智慧检索，使用者可以直接输入关键词或贴上一段技术描述，快速获得检索结果。



点选下拉选单可调整为

Publication number，使用者可以输入一或多个专利号，但必须加入国家代码 (Country code: US EP JP CN...)



有关于Smart Search的详细说明请参考下方连结:

<http://www.derwentinnovation.com/tip-innovation/support/help/index.htm>

认识初始画面: 完整检索功能

SMART SEARCH

检索



点选下方的**橘色方块**，进入完整的检索功能模式：

- 专利检索(Patent)
- 科学文献检索(Literature)
- 检索历史(Search History)
- 日文检索(Native Japanese)

信息中心 支持 管理

附注说明

快速检索强调速度快、方便、直觉，但支持的字段条件只有智慧检索及公开号检索。若要执行更精细的检索作业，以支持您输入更多的检索条件，可点选检索方块进入**完整检索功能**。

Derwent Innovation预设的检索方块为专利检索及检索历史。另外，使用者还可以进一步选配科学文献与日文检索模块（两个模块需要额外购买）。

认识初始画面: 完整检索功能

附注说明

Derwent Innovation是云端平台，所有的储存都会自动保存在使用者的账号内，使用者可在**保存的工作**中找到储存的文件夹、图表、检索式...随时可以查看。如有需要也可再输出或下载至使用者本地。

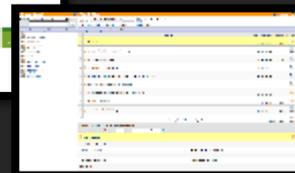


点选下方的**绿色方块**，您在Derwent Innovation上的各项操作都会自动保存

- 保存的工作(Saved Work)
- 专业服务 (Professional Service)
- 下载中心 (Download Center)
- 信息中心 (Information Center)

检索历史

日文专利检索



认识初始画面: 完整检索功能

点选下方的蓝色方块，您可将喜欢的工作环境设成预设，或管理账户

SMART SEARCH

- 我的账号设定 (My Account)
- 系统支持区 (Support)
- 组织账号管理者区 (Administration)

检索

专利检索	科技文献检索	保存的工作	专业服务	我的帐户
检索历史		下载中心		支持
日文专利检索		信息中心		管理

附注说明

做为一个专业数据库，帮助文件 (HELP)的完整度关系到使用者是否能查到相关的操作信息。**Derwent Innovation的HELP**就做得非常的完整。除了各项功能定义，甚至加入了「如何上手?」「使用技巧」「在线操作影音(Youtube)」等资源。使用者除了可以在Support找到HELP，在操作过程中看到任何的问号符式都可以点选以获得该功能更多说明。

有关**HELP**更多信息请参考链接
<http://www.derwentinnovation.com/tip-innovation/support/help/index.htm>

目录

[专利字段检索](#)

[基本常用字段](#)

[专利公开号检索](#)

[查看检索结果](#)

[查看专利内容](#)

[引证分析图 Citation Map](#)

[汇出](#)

[下载](#)

[储存](#)

[追踪](#)

[检索历史](#)



完整检索功能: 专利表单检索

PATENT SEARCH

PUBLICATION NUMBER

Collection 选择数据范围(ALL)

Feedback Help

FIELD

EXPERT

Change collections: All

字段间以布尔逻辑(AND OR NOT)串连

Assignee/Applicant

Toyota or nissan or honda

Browse

Include blank fields

AND

+

-

点选加号或减号新增(或移除)更多字段

Title/Abstract/Claims

(FC Stack or fuel cell stack OR fuel cell or fuel battery) and (car or vehicle

Browse

AND

+

-

IPC-Any

(H01M000804291) OR (H01M000804298) OR (H01M00082475) OR (H01M001204) OR (H01M001208)

第一步骤 输入您的检索条件:

几个常用字段 defaults

检索专利权人可选择 Assignee/Applicant (专利权人/申请人)

检索技术关键词可选择 Title/Abstract/Claim (标题摘要权利要求)

第二步骤: 点选检索

Search

SEARCH RESULTS

第三步骤: 浏览检索结果 (显示如下)

1,180 record(s) found out of 114,910,433 searched (display limit 1,000,000)

Displaying 1 - 159 of 159

Display 500 records per page

Item	Publication Number	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relevancy	Count of Citing Refs-Patent
1	CA2909948C	TOYOTA JIDOSHA KK	2018-06-19	Alive	174	0
<p>DWPI Drawing:</p> <p>DWPI Title: Fuel cell system mounted on fuel cell vehicle, performs first cooling control that sets upper limit value of driving amount of radiator fan and regulates flow rate of liquid pump or driving amount of fan, to cool down fuel cell</p> <p>Abstract: A fuel cell system that is mounted on a fuel cell vehicle comprises: a fuel cell; a cooling system circuit including a cooling liquid supply path that is configured to supply a cooling liquid to the fuel cell, a radiator that is configured to cool down the cooling liquid, a radiator fan, and a cooling liquid pump that is provided in the cooling liquid supply path to feed the cooling liquid to the fuel cell.</p>						

专利表单检索: 选择数据库范围

PATENT SEARCH PUBLICATION NUMBER

FIELDDED EXPERT Change collections: All

Assignee/Ap 增值专利信息 - DWPI 和 DPCI

要检索的集合

按专利授权机构划分的专利集合

- 欧美审查机构的专利全文
 - 美国授权专利
 - 美国专利申请
 - 欧洲授权专利
 - 欧洲专利申请
 - WIPO 专利申请
- 亚洲
 - 中国实用新型
 - 中国授权专利
 - 中国专利申请
 - 印度授权专利
 - 印度专利申请
- 拉丁美洲
 - 阿根廷实用新型
 - 阿根廷专利申请
 - 巴西实用新型
 - 巴西授权专利
 - 巴西专利申请

其他审查机构的专利著录信息

- 其他专利授权机构

澳大利亚创新专利

- 澳大利亚授权专利
- 澳大利亚专利申请
- 英国授权专利
- 英国专利申请

印度尼西亚创新专利

- 印度尼西亚专利申请
- 日本实用新型
- 日本授权专利
- 日本专利申请

墨西哥授权专利

- 墨西哥专利申请

法国授权专利

- 法国专利申请
- 德国实用新型

韩国实用新型

- 韩国授权/已审专利
- 韩国专利申请
- 马来西亚授权专利
- 新加坡授权专利

新加坡专利申请

- 泰国授权/已审专利
- 越南授权专利
- 越南专利申请

俄罗斯实用新型

- 俄罗斯专利申请

Collection description

Collection update schedule

取消 确定

附注说明

无论您的检索式下的再好，Collection未勾选的国家/地区数据库，检索结果都不会显示该国家/地区的专利。为确保您的检索式可以找到最广的结果，Collection建议保持全选All。

有关于Collection的完整收录范围请参考下方连结:

<http://www.derwentinnovation.com/tip-innovation/support/help/index.htm#introduction.htm>

专利字段检索: 基本常用字段

FIELD **EXPERT** Change collections: [All](#)

Text Fields ? (printer AND scanner) + -

Text Fields(文本字段): 检索专利上全部的内容有符合检索条件的目标

Clear All Fields Reset Search

FIELD **EXPERT** Change collections: [All](#)

..Title/Abstract/Claims ? 3D printing or three Dimension printing + -

Title/Abstract/Claims: 检索专利文件的标题/摘要/请求项任一字段的内容有符合检索条件的目标

Clear All Fields Reset Search

FIELD **EXPERT** Change collections: [All](#)

Assignee/Applicant ? Toyota or GM technology Browse Include blank fields + -

Assignee/Applicant: 检索专利权人(企业名称/组织单位名称/学校名称/自然人名称...)

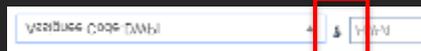
Make these my defaults

Clear All Fields Reset Search

附注说明

「字段 Field」是数据库的重要概念，文件中不同的字段记载着不同特性的内容。例如: 申请人栏位记载着申请人的信息、请求项字段记载着所主张技术的描述、引用/被引用字段记载着与该专利相关联的前、后案...

使用者应了解各字段的特性，并善用其特性做更精准的检索。可在选好字段后点选右侧的“?”得到该字段的定义。



专利字段检索:基本常用字段

FIELDDED **EXPERT** Change collections: [All](#)

..Title/Abstract/Claims ? 3D printing or three dimension printing AND ? + -

..Country Code ? CN or US or TW or EP or JP or DE + -

Country Code: 检索来自于指定国家/地区的专利，常用于搭配其他检索条件限缩

Clear All Fields Reset Search

FIELDDED **EXPERT** Change collections: [All](#)

..Title/Abstract/Claims ? 3D printing or three dimension printing AND ? + -

..Priority Year(s) ? 2013 To 2016 + -

Priority Year(s): 检索来自于该优先权年区间的专利

Clear All Fields Reset Search

FIELDDED **EXPERT** Change collections: [All](#)

..Title/Abstract/Claims ? 3D printing or three dimension printing AND ? + -

CPC-Any ? (B29C006400) Browse + -

CPC- Any: 检索历年各版本CPC分类号，使用者可进一步在右侧 **Browse** 查询分类号

Clear All Fields Reset Search

附注说明

Derwent Innovation上的字段部分会有Earliest的字样，例如: Priority Year-Earliest。当使用者选取有该字样的字段，则系统检索目标为专利文件上(若有)多个优先权号，比对其最早的一个是否符合检索条件，显示该结果。

国家代码可于下列网址查询

http://www.derwentinnovation.com/tip-innovation/support/help/reference_docs/patent_country_codes.htm

完整检索功能:专利公开号检索

自字段检索切换成专利公开号检索

PATENT SEARCH

PUBLICATION NUMBER

Number type:

- Patent Publication Number
 DWPI Accession Number

Output type:

- Result Set
 Work File
 Patent Copies
 File Histories
 DWPI Images

针对这些专利号的「特殊检索需求」

预设是None；您也可设定检索与所输入专利号相关的其他资讯

Specialized Search options None

Make these my defaults

贴上您要检索的专利公开号

Enter/upload numbers:

```

US20170259814A1 US20170192437A1 US20170206418A1 US20170220045A1
US20170181383A1 US20170220043A1 US20170218862A1 US20170212522A1
US20170212519A1 US20170212525A1 US20170197627A1 US20170185088A1
US20170176996A1 US20170160742A1 US20170168485A1 US20170176986A1
US20170148075A1 US20170176991A1 US20170154225A1 US20170153639A1
US20170148312A1 US20170137024A1 US20170176997A1 US20170168492A1
US20170174092A1 US20170168498A1 US20170160744A1 US20170166204A1
US20170144655A1 US20170167881A1 US20170166216A1 US20170158193A1 EP2336719A2
  
```

Feedback Help

Specialized Search options

None

Make these my defaults

None

Family Look-Up INPADOC

Family Look-Up DWPI

Patent Citations Forward

Patent Citations Backward

Patent Citations Both

DPCI Patent Citations Forward

DPCI Patent Citations Backward

DPCI Patent Citations Both

Family Changes

Legal Status Change

New Publication Stage (new records)

Citation Changes

DPCI Citation Changes

Assignment Changes

Family Look-up

找出与这些专利号相关的专利家族成员

Patent Citations

找出相关引用(Backward)/被引用(Forward)

SEARCH RESULTS

Item

No records

Derwent

Powering IP Innovation

Clarivate
Analytics

查看检索结果

The screenshot shows the Derwent Innovation search results interface. At the top, the search criteria are displayed: "2,446 record(s) found out of 114,358,361 searched (display limit 1,000,000) 1680 INFADOC Series 0 record(s) selected". A red box highlights the search results summary. Below this, a table of results is shown, with the first entry selected. A red box highlights the patent number "KR1043095R1". A red box highlights the "PDF" icon in the left sidebar, with a callout box stating "点击PDF开启专利说明书原始档案". A red box highlights the "Print" button in the bottom navigation bar. A red box highlights the "DWPI Drawing" section, which contains a flowchart and a mathematical formula:
$$u = \frac{2}{m_1 - m_2} v_e$$
. A red box highlights the "Function List" (功能列) at the bottom, which includes buttons for "Print", "Watch Records", "Alert", "Analytic", "Edit Custom Fields", "Order", "Export", "Save", and "Add To".

查看检索结果总专利数量、专利家族数量

点击专利号后查看内容，或勾选专利，以进行其他处理(批次下载、批次输出、追踪该专利...)

点击PDF开启专利说明书原始档案

功能列(由左至右):
打印、追踪特定专利(需勾选)、追踪当前的检索式(未来有更新会通知)、分析当前的检索结果、自定义字段、下载专利文件、将专利内容输出(Excel, pdf, txt...)、储存本次检索、将检索结果加到云端文件夹

附注说明

「单次显示最高上限是100万笔」，但检索结果上显示的专利总数不受显示上限限制。若使用者的检索结果真的超过100万件，且希望能显示超过100万笔的结果，则需要透过例如：分切时间或加入其他限缩条件，将每次显示的结果切割成100万件以下达成。

查看检索结果

SEARCH RESULTS

149,229 records (完整的检索结果数 1,000,000) 320 DWPI families (检索结果的专利家族数量)

Displaying 1 - 50 of 53420 Page 1 of 1069

<input type="checkbox"/>	Item	Publication Number	DWPI Assian
--------------------------	------	--------------------	-------------

勾选或展开所有专利(含每个家族成员)

附注说明

虽然Derwent Innovation单次显示最高上限是100万条，但检索结果上方的结果总数并不受显示上限限制，显示的即为检索条件能找到的完整数量。

查看检索结果: 筛选器 & 检索结果显示调整

The screenshot shows a search results interface. At the top, there is a search bar with a 'Reset' button and a 'Search' button. Below the search bar is a toolbar with four icons: a funnel (filter), a bar chart (chart filter), a document with a plus sign (search results options), and a gear (display options). A red box highlights this toolbar. Below the toolbar is a table with columns: 'on Date', 'Dead/Alive', and 'Relevand'. The first row shows 'Alive' and '174'. Below the table, there are three larger icons corresponding to the toolbar icons: a funnel, a bar chart, and a document with a plus sign.

由左至右

筛选器:

可统计「检索结果」的各项统计 (申请人、国家、年份、引用....)

图表筛选器:

以图表方式呈现检索结果的各项统计

检索结果选项:

取得目前检索结果的所有家族成员或优化申请人的相关专利

显示选项:

调整检索结果呈现方式 (图式大小、显示字段、排序方式、....)

查看检索结果: 筛选器



筛选器:

可统计「检索结果」的各项统计 (申请人、国家、年份、引用...)

SEARCH RESULTS

再检索: 基于目前的检索结果找出符合条件的限缩结果



1,000 record(s) found out of 1,000 searched (display limit 60,000) 0 record(s) selected

Search within your results: ..Title/Abstract/Claims

Filter your results:

Optimized Assignee	Dead/Alive	Country Code	Publication Year
<p>专利所有者(AI辅助)</p> <ul style="list-style-type: none"> <input type="checkbox"/> GOOGLE INC(99) <input type="checkbox"/> MOBILEYE VISION TECHNOLOGIES(96) <input type="checkbox"/> IROBOT CORP(71) <input type="checkbox"/> TOYOTA JIDOSHA KK(57) <input type="checkbox"/> DEERE & CO(54) 	<p>专利生死状态(AI辅助)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Indeterminate(481) <input type="checkbox"/> Alive(473) <input type="checkbox"/> Dead(46) 	<p>市场在哪?</p> <ul style="list-style-type: none"> <input type="checkbox"/> US(715) <input type="checkbox"/> WO(138) <input type="checkbox"/> EP(62) <input type="checkbox"/> CN(22) <input type="checkbox"/> AU(15) 	<p>时间趋势</p> <ul style="list-style-type: none"> <input type="checkbox"/> 2017(294) <input type="checkbox"/> 2018(285) <input type="checkbox"/> 2016(144) <input type="checkbox"/> 2015(72) <input type="checkbox"/> 2013(38)

查看检索结果: 图表筛选器

SEARCH RESULTS

1,000 record(s) found out of 1,000 searched (display limit 1,000,000) 0 record(s) selected

Search within your results: Smart Search-Topic

Enter key terms or text block

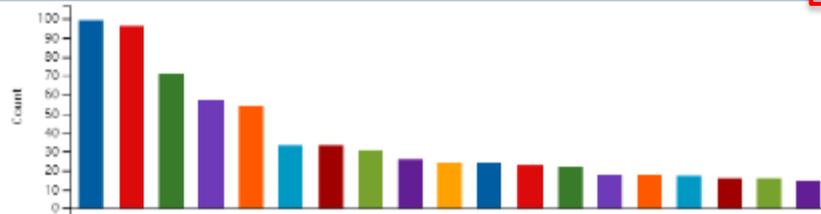
Subsearch

Filter your results:

Optimized Assignee

Show Top:

10 20



Country Code

Show Top:

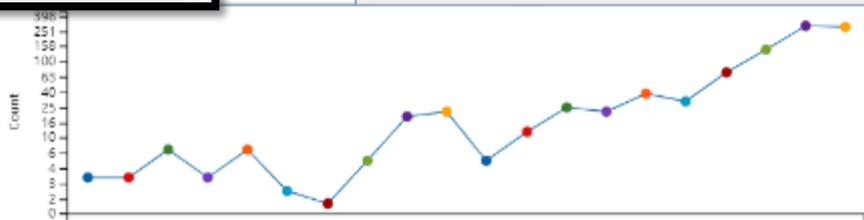
10 20



WO (138)
EP (62)

Disclaimer

Count



Reset

Filter Results

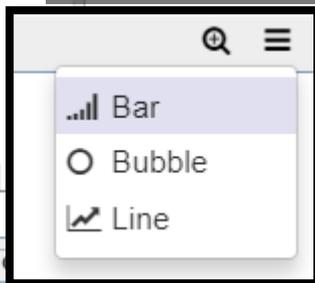


图表筛选器:

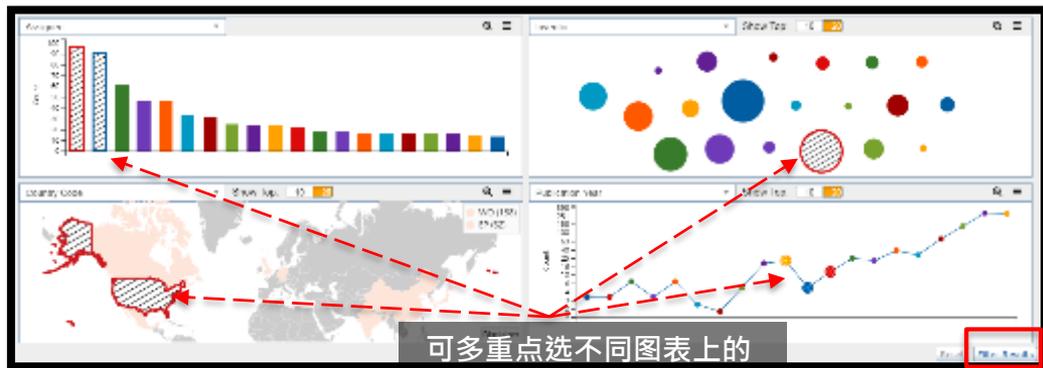
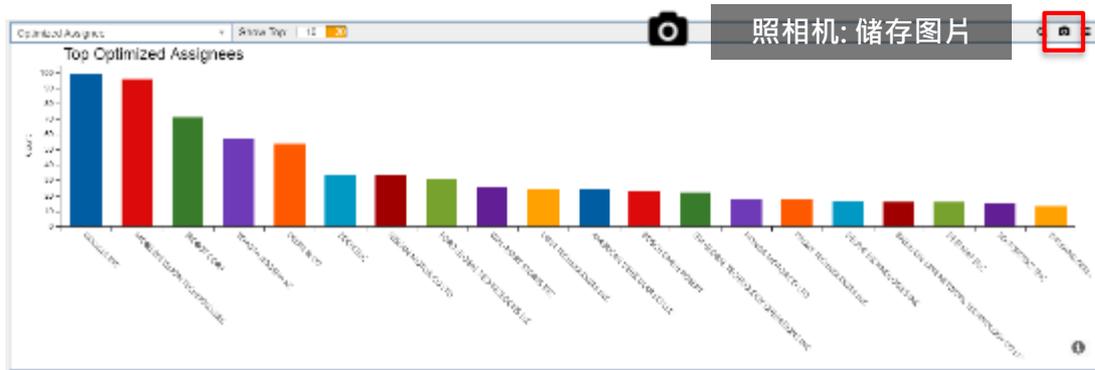
以图表方式呈现检索结果的各项统计



点击右上角放大镜或选单
可以细看内容或调整图表样式

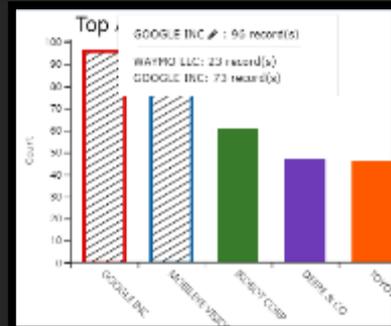
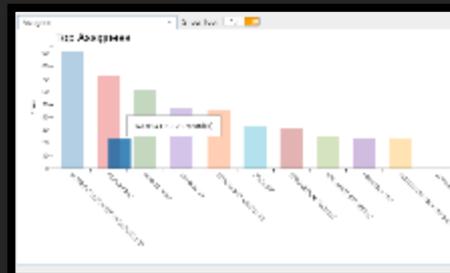


查看检索结果: 图表筛选器



附注说明

若要合并图表上的统计数据，只要用鼠标「拖曳」欲合并的数据，即可。图表上数据的卷标也可点选，并依使用者需求修改。



查看检索结果: 检索结果选项

The screenshot shows the Derwent Innovation search results interface. At the top right, there is a navigation bar with 'Blueprints for Success' and 'Clarivate Analytics' logos. Below this, a search bar contains the text '检索结果选项' (Search Results Options). A dropdown menu is open from this search bar, listing three options: 'Retrieve DWPI Family', 'Retrieve INPADOC Family', and 'Retrieve Optimized Assignees'. The background shows a search results table with columns for 'Item', 'Publication Number', and 'DWPI Assignee/Applicant'. The first row shows a patent with publication number US9422943B2 and assignee UNITY FLORENZA A & N. The second row shows a patent with publication number US20160231824A1 and assignee UNITY FLORENZA A & N. The table also includes 'DWPI Drawing' thumbnails for each entry.

Retrieve DWPI Family (Derwent Innovation特有的专利家族归类)

Retrieve INPADOC Family (国际通用的专利家族归类)

让系统将目前检索结果的相关专利家族成员给「找出来」

Retrieve Optimized Assignees

让系统将目前检索结果的可能专利权人的所有专利「找出来」

Derwent

Powering IP Innovation

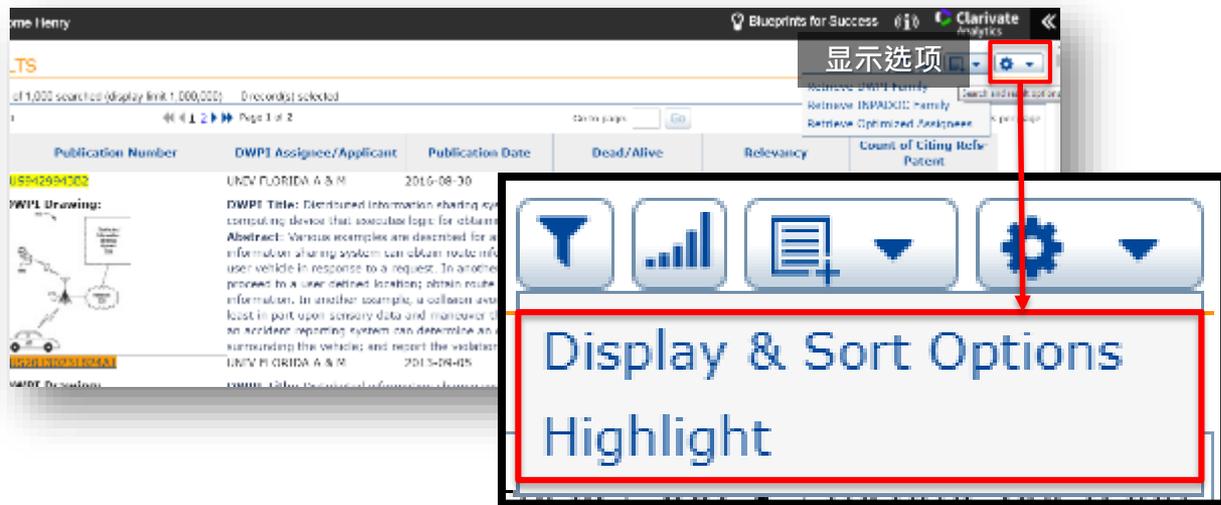
附注说明

为何需要**Retrieve Family** ?

检索条件输入后得到的专利是「符合检索条件」的结果。然而，可能发生专利的部分家族成员因不符合检索条件而没在检索结果中显示。则使用者可利用Derwent Innovation上的Retrieve Family来「补齐」遗失的相关专利。

使用者输入检索条件并得到检索结果后，可于右上角的检索结果选项找到该项功能。当然，并非「必要」，若只想显示符合检索条件的专利，可忽略此步骤。

查看检索结果: 显示选项



Display & Sort Options 检索结果显示内容调整

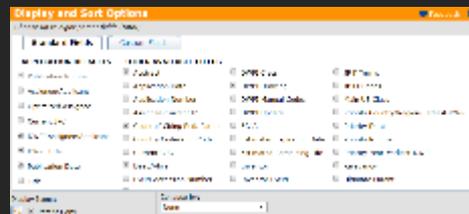
检索结果要显示哪些字段。图式大小、排序方式、是否以专利家族归并...

Highlight 关键词标亮的选项

如果内容有符合检索条件的关键词请标亮；或有特定感兴趣的关键词，也可以设定无论有没有在使用者输入的检索条件中，只要有出现一律标亮。

附注说明

检索结果显示内容调整首先会让使用者选择要在检索结果画面中显示的字段，例如：图式(DWPI drawing)、标题(DWPI title)、生死状态(Dead/Alive)...由于浏览器窗口空间有限，一次最多只能选8个字段。



左下角可将目前设定做为预设，则下一次就不用再做调整了。

Make These My Default Preferences

显示选项: 调整显示字段

Display and Sort Options ?

Choose up to eight patent fields (total)

Standard Fields | **Custom Fields**

APPLICATION DEFAULTS

- Publication Number
- Assignee/Applicant
- Current IPC
- DWPI Assignee/Applicant
- DWPI Title
- Publication Date
- Title

OTHER AVAILABLE FIELDS

- Abstract
- Application Date
- Application Number
- Count of Citing Refs-Patent
- Country Code/Kind Code
- Current CPC
- DWPI Drawing
- DWPI Accession Number
- DWPI Assignee Code
- DWPI Class
- DWPI Manual Codes
- DWPI Update
- ECLA
- Inventor
- Inventor DWPI
- JP F Terms
- JP FI Codes
- Main US Class
- Priority Country -Earliest- DWPI
- Priority Date
- Priority Number
- Priority Year-Earliest-DWPI
- Relevancy

Display Icons:

- Patent Copy
- Notes (Work files only)
- Display Result Set Numbers

Sort by: Priority Year-Earliest-...

Order: Ascending Descending

Display: 10 records per page

Drawing Size: 150

Collapse by: DWPI Family

Preferred Document: Basic Patent

Authority and Type:

- US Granted
- US Applications
- European Granted
- European Applications
- WIPO Applications
- Australian Innovation
- Australian Granted
- Australian Applications
- British Granted
- British Applications
- Canadian Granted
- Canadian Applications

Make These My Default Preferences Apply To Current Search Results

Cancel OK

设定检索结果显示字段
(最多选择8个项目)

使用者可依专利家族来折迭检索结果

排在最外层的专利以哪一件为主。Basic Patent为预设，使用者也可依感兴趣的地区/国家作为排序基础。

选择每页显示数量及
图片大小

附注说明

依用户习惯可设定显示方式，决定显示字段与排序方式。由于浏览器分辨率限制，用户在选取字段时最多可选择8个项目。

单页显示结果数与图片大小，以上两种选项会影响检索结果生成的速度，建议调整每页显示不超过20件、图片大小为300，执行速度较佳。

查看专利内容: Quick View

德温特摘要 DWPI Abstract

先用一句话描述整件专利的技术范畴

Novelty: 与以前的技术差在哪里?

Use: 可以应用在哪?

Advantage: 具体改进了哪个部分?

First Claim: 本篇专利主张的权利范围?

是谁申请的?

研发人员有哪些?

申请信息、优先权信息、IPC...

所有图式

按一下键盘左右键便能跳转至下一个记录

附注说明

点击Full View查看专利的完整内容

点击专利查看其内容，预设初始画面为Quick View，是由超过900位DWPI专家，就该专利进行阅读、分析后，改写成重点精华摘要DWPI Abstract，在阅读专利(原)全文前，使用者皆能先阅读DWPI摘要，便能更快地掌握专利的重点。



QUICK VIEW

FULL VIEW

- Bibliography
- Abstract
- Classes/Indexing
- Legal Status
- Family
- Claims
- Description
- Citations
- Other
- Custom Fields

关于DWPI的背景您可以在下方链接获得更多信息

<https://clarivate.com.tw/product-category/patent-research-intelligence-and-services/>

查看专利内容: Full View

针对目前的专利

加入文件夹、标注、追踪、下载、线上翻译
(支持中文) 引证图分析、标亮、打印

Record View: US20140303827A1

Add to Work File | Mark Record | Watch Record | Download | Translate | Citation Map | Highlight | Print

Key Summary Data

Patent: ● Alive View granted patent **Publication Date:** 2014-10-09

DWPI Family: ● Alive View Details **Expiration Date:** 2033-04-05 (estimated) View factors

INPADOC Family: ● Alive View Details **Remaining Life:** 5353 days (14 year(s), 7 month(s))

Original Assignee: Google Inc., Mountain View, CA, US

Optimized Assignee: GOOGLE INC

Ultimate Parent: GOOGLE INC

Request Expert Translation

Preferred Documents

FULL VIEW Jump to: Bibliography Abstract Classes/Indexing Legal Status Family Claims Description Citations Other Custom Fields

Description

Background/ Summary ?

Collapse Background/Summary

BACKGROUND

Autonomous vehicles use various control systems to transition from one location to another. Some autonomous vehicles may require some initial most of continuous input from an operator, such as a pilot, driver, or passenger. Other systems, for example autopilot systems, may be configured to operate in a manual mode, which allows a high degree of control over the movement of the vehicle, to an autonomous mode (where the vehicle essentially drives itself) to modes that lie somewhere in between.

SUMMARY

The present application discloses embodiments that relate to adaptive methods for transitioning control to the driver in autonomous vehicles. In one aspect, the present application describes a method. The method may comprise receiving, via a computing device, an indication for a transition or control of a vehicle operating in an autonomous mode, and the computing device is configured to control the vehicle in the autonomous mode. The method may further comprise determining, by the computing device, a state of the vehicle based on at least one parameter related to operation of the vehicle in the autonomous mode. The method may also comprise based on the state of the vehicle and the indication, determining instructions corresponding to the transition or control of the vehicle from the autonomous mode to a manual mode of operation, and the instructions include information indicative of one or both of a strategy for the transition of control of the vehicle and a duration of time over which the transition of control of the vehicle from the autonomous mode to the manual mode of operation is configured to occur. The method may additionally comprise providing the instructions to perform the transition of control of the vehicle from the autonomous mode to the manual mode of operation.

In another aspect, the present application describes a non-transitory computer readable medium having stored thereon executable instructions that, upon execution by a computing device, cause the computing device to perform functions. The functions may comprise receiving, via a computing device, an indication for a transition of control of a vehicle operating in an autonomous mode, and the computing device is configured to control the vehicle in the autonomous mode. The functions may further comprise determining, by the computing device, a state of the vehicle based on at least one parameter related to operation

Images Highlighting

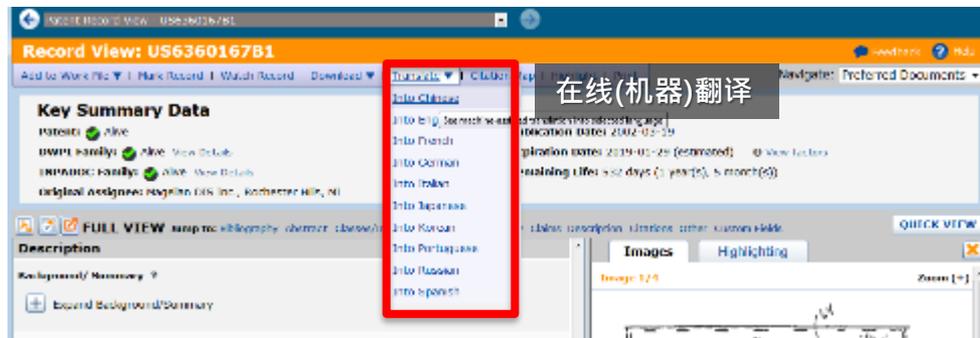
Image 1/7

Key summary Data
AI科技辅助预测专利存续状态

各字段的书签

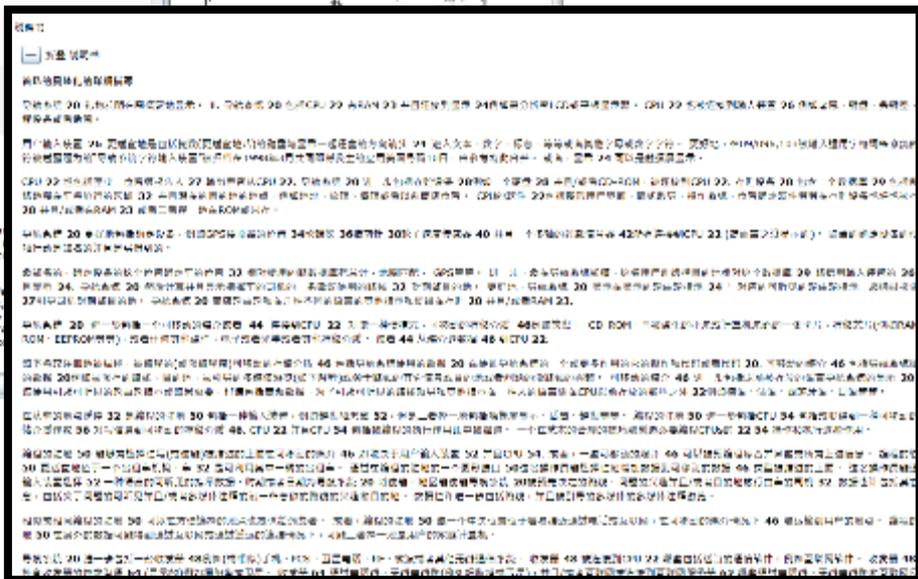
书目数据、摘要、分类号及各类索引、法律状态、专利家族、请求项、完整内容描述、引用/被引用、其他、自定义字段

查看专利内容Full View : 专利内容翻译



附注说明

Derwent Innovation上的全部内容均已被翻译为英文，即，无论是哪一种语言的专利都是以英文呈现。而这些英文内容在被放上数据库中提供用户检索之前，是以机器+人工校正进行翻译作业。然而使用者若需要在在线「实时翻译」，则纯粹为「机器翻译」。



查看专利内容Full View :引证分析图 Citation Map

Record View: US20140303827A1

Add to Work File | Mark Record | Watch Record | Download | Translate | Citation Map | Highlight | Print | Preferred Documents

Key Summary Data

Patent: DWPI Form: INPADOC: Original A: Optimized: Ultimate P:

FULL

Description

Background/Summary

BACKGROUND

Autonomous

one location

continuous in

example autop

permits the de

degree of con

essenti

SUMMARY

The present

transitioning d

application des

De

Pol

Request Expert Translation | Feedback | Help

Create Patent Citation Map (by Generation) US7367049B1

Select Display Format:

By Generation

By Time & Generation

向前引用Forward
分析引用本专利的引证图

向后引用Backward
分析本专利引用的引证图

前后引用Both
同时分析引用被引用

Forward Only

Backward Only

Forward and Backward

Select Depth:

1 Generation

2 Generations

3 Generations

4 Generations

5 Generations

6 Generations

7 Generations

8 Generations

9 Generations

10 Generations

展开数个世代的专利延伸
的引用关系(滚雪球)

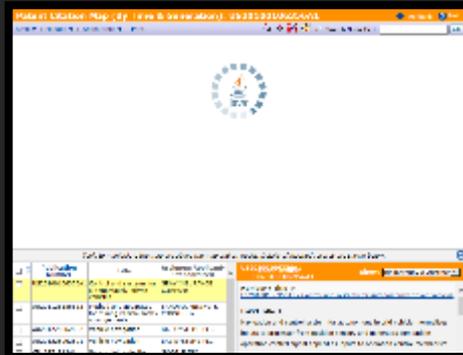
Cancel

Create

产生图形

附注说明

Derwent Innovation的Citation map必须在有支持JAVA的浏览器运行·目前Chrome与新版的Firefox已不支援JAVA·建议使用者若要执行Citation Map可移至IE, Safari...等支援JAVA的浏览器操作。



分析检索结果 Charts

Create Chart Feedback ? Help

Create Chart from Template

Assignee Inventor Classifications Citations General Your Saved Templates

Top Assignees
See the top patenting companies

Top Assignees by Assignee-Current US
See the current top patenting companies for US patents

Top Assignees by Year
Based on Publication Year

Top IPCs by Year
Uses IPC classification

Displaying 1 - 5 of 11

使用者可从很多预定义图表模板中选用一个，也可使用自己的图表模板，方法是创建一个自定义图表并将其另存为范本。

Top Assignees Feedback ? Help

Save Edit Export

编辑图表的统计参数以取得不同的统计数据

Top Assignees

30
20
10
0

Source: Derwent Innovation®, www.derwentinnovation.com

分析检索结果 Charts

如果预定义图表未包含您需要的信息，您可以设计一个自定义图表。自定义设计图表保存为模板，以供今后使用。



Edit Chart

Title (Optional):
 Example:

Description (Optional):

Content Type:

Chart Type:
 调整图表类型

Visual Options:

Primary Field to Analyze:
 分析的字段

Remove Unspecified Items

Number of Items for Primary Field:
 Top选项

Sort: 依字母或数量排序

Ascending Descending

Secondary Field to Analyze (Optional):

Number of Items for Secondary Field (Optional):

Tertiary Field to Analyze (Optional):

Number of Items for Tertiary Field (Optional):

2D or 3D:

Collapse by:
 是否依专利家族归并

Preferred Document:

Authority and Type:

汇出检索结果(Excel)

SEARCH RESULTS

3,365 record(s) found out of 114,571,005 searched (Display limit 1,000,000) 1837 DWPI families 1,837 record(s) selected

Displaying 1 - 20 of 1837 Page 1 of 97 Go to page: [Go] Display 20 records per page

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Count of Citing Re-Patent
1	US2016022201	AMAZON TECHNOLOGIES INC	AMAZON TECHNOLOGIES INC	2016-04-19	Alive	0
<p>DWPI Drawing:</p> <p>DWPI Title: voice-controlled audio playback system, has processors attenuating audio playback signal based on attenuation amount by determining first portion of audio playback signal associated with speech and second portion of audio playback signal</p>						
2	US2017022201	AMAZON TECHNOLOGIES INC	AMAZON TECHNOLOGIES INC	2017-03-21	Alive	1
<p>DWPI Drawing:</p> <p>DWPI Title: system for performing echo cancellation, has subtraction component which subtracts second estimated echo signal from input audio signal to produce echo-suppressed audio signal</p>						

EXPORT

将目前的检索结果「汇出(Export)」可将目前的检索结果列表「汇出」多种档案格式(.csv, .xlsx, .txt, .xml...)

Print Watch Records Alert Analyze Edit Custom Fields Order Export Save Add To

汇出检索结果(Excel)

Export & Report Options

Export Selected records (1,837) All records (3,305)

Format Excel 2007(.xlsx) Templates

Fields

Available Fields

- Field Sets
- Brief
- Initial
- Biblio+Abstract
- Family Member Report
- Fam Mem & Legal Status Report
- Assignee Report
- Forward Citation Report
- Backward Citation Report
- Complete IPC Report
- DWPI Record
- Inventor Report

Export Field List

- Item Number
- PDF Copy
- Front Page Drawing (30,000 record limit)
- Publication Number
- Title - DWP1
- Assignee - DWP1
- Inventor
- Publication Year
- Abstract - DWP1 Novelty
- Abstract - DWP1 Use
- Abstract - DWP1 Advantage
- Abstract - DWP1 Detailed Description
- Abstract - DWP1 Tech Issues

File name excel2018-06-10-12-14-11

Share via email (optional)

henry.chiu@clarivate.com, abc.123@clarivate.com

Cancel Create

选择欲输出的文件格式

调整输出字段排序

可选择的输出栏位

已选择输出的字段

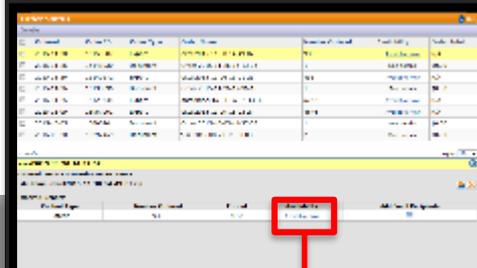
文件名

使用者可输入Email将档案直接发送给指定收件人email(选择性)

附注说明

选择输出的字段时，用户会看到蓝色字体的「模板」为系统为用户默认相关联的字段，只需要带入就会自动选取这些字段。使用者当然也可以选择全部字段。

點選Create后画面跳转至下载进度页面，当下载状态呈现Available时表示下载完成，點選后才会下载到本机端。



Availability

Available Now

Derwent

Powering IP Innovation

下载PDF原始说明书

下载或列印

SEARCH RESULTS

3,365 record(s) found out of 114,971,005 searched (display limit 1,000,000) 1837 DWPI Entries 0 record(s) selected

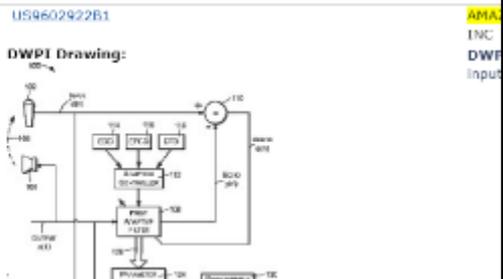
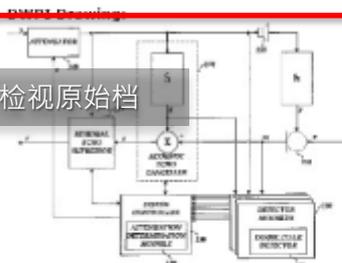
Displaying 1 - 20 of 1837

Page 1 of 92

Item	Publication Number	Classification
1	US9319783B1	A61A INC DWP date



点选PDF图式检视原始档



Derwent
Powering IP Innovation

US000009319783B120160419 1 / 12

US09319783B1

(12) United States Patent
Barton et al.

(54) ATTENUATION OF OUTPUT AUDIO BASED ON RESIDUAL ECHO

(71) Applicant: Amazon Technologies, Inc., Reno, NV (US)

(72) Inventor: William Fulwell Barton, Harvard, WA (US); Amit Chhetri, Santa Clara, CA (US)

(73) Assignee: Amazon Technologies, Inc., Seattle, WA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 151 days.

(21) Appl. No.: 14694336

(22) Filed: Feb. 19, 2014

(51) Int. Cl.
HMAN 3/20 (2006.01);
HMAN 15/00 (2006.01);
HMAN 1/00 (2006.01);
G10L 21/02W (2013.01);
HMAN 8/09 (2006.01)

(52) U.S. Cl.
CPC HMAN 3/002 (2013.01); G10L 21/0205 (2013.01); HMAN 3/002 (2013.01)

(16) Patent No.: US 9,319,783 B1

(42) Date of Patent: Apr. 19, 2016

(58) Field of Classification Search
None
See application file for complete search history.

(62) References Cited
U.S. PATENT DOCUMENTS

2013/015105 A1*	02/01	Yano	2004/0082
2014/010540 A1*	03/14	Zhu	G10L 11/175
2014/030782 A1*	10/21/14	Lalloue	H04G 7/345
			80/95

* cited by examiner

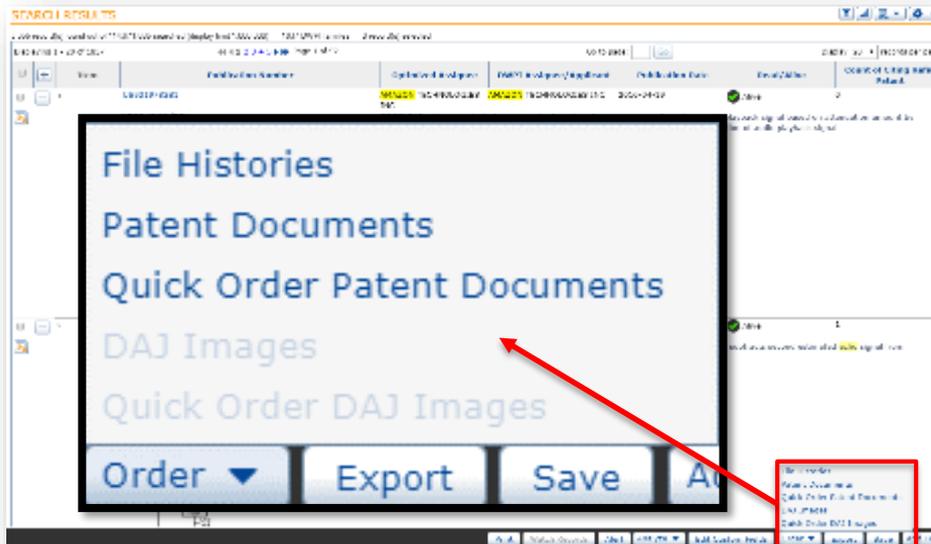
Primary Examiner — Megan N Holder
(74) Attorney, Agent, or Firm — Kaebbe Markey Olson & Bear, LLP

(57) ABSTRACT
Residual echo that remains after an echo cancellation process may interfere with speech recognition. If residual speech is detected in an audio input signal, a controller may attenuate the audio playback signal. The echo cancellation may distort playback, whereas less attenuation may not improve speech recognition. Accordingly, instances are disclosed for attenuating an audio playback signal based at least in part on residual echo level.

24 Claims, 4 Drawing Sheets

Clarivate
Analytics

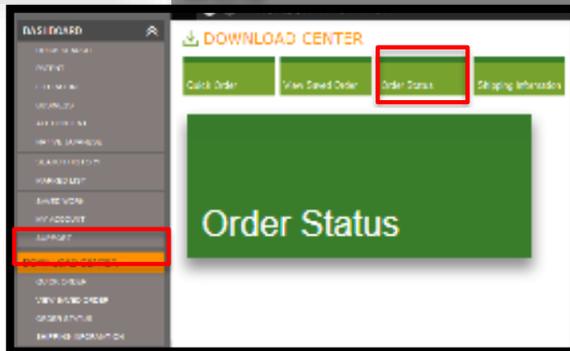
「批次」下载PDF原始说明书



可至Download Center的
Order
Status中查看下载或订购的档
案进度

Order

- File Histories (付费的专利历史文件)
- Patent Document (专利PDF批次下载)
- Quick Order Patent Documents (专利PDF快速批次下载)



附注说明

若采用Quick Order Patent Documents，系统会依您在预设喜好(Preference)的设定，自动将档案寄送或储存。可至My Account (本手册蓝色章节)中进一步调整设定。

另外，选择Quick Order的好处还包括，部分特殊情况需要收费下载的专利(占极少数)系统会自动排除，因此，当使用者批次选取了多件专利时，也不用担心下载到收费的专利。

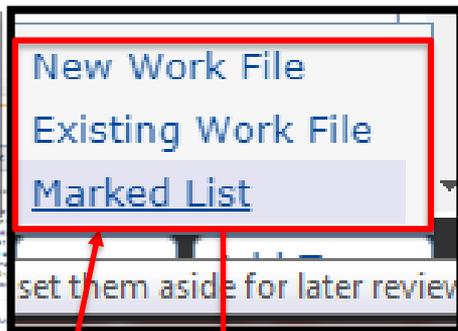
Derwent

Powering IP Innovation

储存检索结果至工作文件夹

Add To

- **Work File** 将目前的专利列表储存至文件夹中
- **Existing Work File**
- **Marked List** 标注感兴趣的专利



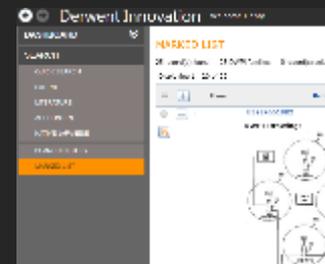
将目前的检索结果储存为工作档案夹



附注说明

工作文件夹打开后会在检索结果画面呈现之前储存的专利列表，使用者也可以在之后的检索作业过程中将新结果加入既有工作资料夹中 (Existing Work File)。

Marked List是一个暂存的专利列表文件夹，使用者可以将一整天搜集而来的专利加入Marked List中再分配到指定的工作文件夹中，系统可以设定每天清理Marked List列表(或不清理)以维持列表中的专利为当天的工作纪录。



查看检索结果: 检索式追踪(Alert 预警)

PATENT SEARCH PUBLICATION NUMBER

FIELDLED LX11.01 Change collection: all

Feedback ? Help

Field 1: (Assoc. of sound) nearB (speaker or vibrating or music box)

Field 2: G00G C or APPY C or M0CT C or AMAZ C

Preview/edit query

FIELD#1 (Assoc. of sound) nearB (speaker or vibrating or music box) AND/OR G00G-C or APPY-C or M0CT-C or AMZ-C

Search Results

726 records found out of 114,971 BBS searched (display limit 1,000/932)

20 of 2/2

Records per page

Thru	Publication Number	Optimized Assignee	DWPE Assignee/Applicant	Publication Date	Dead/Alive	Count of citing refs-Patent
1	20160206782	APPLE INC	APPLE COMPUTER INC	2016-07-05	Alive	0
	DWPE drawing:					
	DWPE Title: Electronic audio device for smart phone, has acoustic output duct that is arranged in damping chamber at position upstream from speaker, and whose length is greater than width of acoustic output duct					
	20170902700	APPLE INC	APPLE COMPUTER INC	2017-09-11	Alive	0

Print Watch records Alert Analyze Call Custom Fields Order Export Save Add To

使用者欲将目前的检索式设定为 Alert，做长期的追踪。

打开Alert功能

附注说明

Alert预警功能可定期的追踪「检索式」是否产生新的专利符合该检索式的条件，一旦有新的专利系统即寄信通知用户，可作为追踪技术发展、竞争对手动态...的工具。

Alert是透过云端执行，使用者无需维持登录Derwent Innovation，系统仍会依照设定的频率与格式，在后台运行预警通知功能。

检索式追踪(Alert 预警)

Derwent Innovation - Google Chrome

Save Search & Create Alert

Feedback Help

Properties Run Options Delivery & Content Options Tracking

Name:

Description: (Optional)

Owner: henry.chiu@clarivate.com

Additional Save and Share Options

Save to personal folder

Share via public folder

Share via the saved work inbox

Share via email

收件人email(可输入多个)

Make these my defaults

Save Search & Create Alert

Feedback Help

Properties **Run Options** Delivery & Content Options Tracking

Status: Active Inactive

Frequency: Weekly Select day of week: Friday
 Monthly Select day of month: 01
 Upon collection update(Recommended for RSS)
 Every 1 DWPI Update(s)

Expiration: YYYY-MM-DD Never

Save results: Last results only Accumulate all results

New work file for each run
 All results into a single work file

Optionally, also save results to Personal or Public folder

Make these my defaults

设定运行的频率(每周、每月、每次数据库更新...)

什么时候停止(Expiration)

是否将结果储存至 Derwent Innovation 上的工作文件夹中? 只保留最新的? 累积资料?

检索式追踪(Alert 预警)

Save Search & Create Alert 设定寄送内容 Feedback ? Help

Properties Run Options **Delivery & Content Options** Tracking

Select Format Type: PDF

PDF Format Options: One record per page Multiple records per page

Include in Alert Choose options that will help you take appropriate action on your alert

Name:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Updates covered:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Description:	<input type="radio"/> Yes <input checked="" type="radio"/> No	Date range of run:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Search strategy/query:	<input type="radio"/> Yes <input checked="" type="radio"/> No	Owner name:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Collections covered:	<input type="radio"/> Yes <input checked="" type="radio"/> No	Recipients:	<input type="radio"/> Yes <input checked="" type="radio"/> No

Email contents: Link to results only All records Limit records to

Include DWPI fields: Yes No

Patent

Available Fields	Chosen Fields
<p>Field Sets</p> <ul style="list-style-type: none"> Brief (1st level content) Biblio+Author Abstract Biblio+Original Abstract+Claims Brief (DWPI) DWPI Alert <p>Individual Fields</p>	<ul style="list-style-type: none"> Drawing DWPI Title Publication Number DWPI Assignee/Applicant Assignee DWPI Assignee Code DWPI Abstract

Make these my defaults

Cancel Save

来信格式 (直接写在email里或PDF, Excel,...)

PDF

In email body

Comma-Separated (.csv)

Excel 2007 (.xlsx)

HTML (.html)

HTML with Table of Contents (.html)

PDF

RSS (URL)

Rich Text Format (.rtf)

Tab-Separated (.tsv)

Plain Text ASCII File (.txt)

XML

Thomson Data Analyzer (.pdf)

信件开头的说明应包含

寄来的信件要包含哪些字段?

追踪特定专利的状态变化

SEARCH RESULTS

Displaying 1 of 272

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Public
<input checked="" type="checkbox"/>	US2009116261A1	MICROSOFT TECHNOLOGY MICROSOFT CORP	MICROSOFT TECHNOLOGY MICROSOFT CORP	2009-12-08

DWPI Drawing: [Diagram showing a calibration system for audio/video equipment]

DWPI Title: Calibration system for audio/video equipment that accurately determines distance between selected recording device

勾选感兴趣的专利

选择Watch Records

Watch Records

Watch Records

Watch Records

Watched Record Details

这件专利发生什么变化才通知?

- INPADOC Family Changes
- Legal Status Changes
- New Publication Stages
- DWPI Family Changes
- Citation Changes
- Reassignment

Additional Save and Share Options

Save to central folder

Share via public folder

未来这些专利有变化立即通知这个信箱

Watch My e-mail address

附注说明

Watch Records用于追踪特定专利的状态更新(包括法律状态、移转、被引用、...)。使用者除在检索结果页面中勾选(一或多个)专利进行追踪,也可以在检视专利内容的过程中,选择追踪该件专利。

WATCHED RECORD: US2009116261A1

WATCH RECORD

WATCH RECORD

Watch Record

检索历史 Search History

Derwent Innovation Welcome Henry

Search History

Select History: Default Search History

PATENT SEARCH (9) NATIVE JAPANESE SEARCH (0) LITERATURE SEARCH (22) ALL CONTENT (10)

FIELD SEARCH PUBLICATION NUMBER EXPERT SEARCH

AND AND AND

Search History

Select History: Default Search History

PATENT SEARCH (9) NATIVE JAPANESE SEARCH (0) LIT...

Templates Run Read Save as New Scan Search

QUERIES IN THIS SEARCH HISTORY

Note: Select a query to edit it

	Results	Collections	Search Query	Last Run	Run	Alert	Annotate
2379	1002	DIRPL, AR App, AR UBL, AU App, AU G...	SS10=("POWDER BED" "INKJET PRINTER...	2015-08-13 01:29:09			
2378	1	All	prn=(US20100106255);	2015-08-09 01:59:18			
2377	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:35:30			
2376	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:35:55			
2375	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:35:11			
2374	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:25:02			
2373	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:24:32			
2372	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:33:04			
2371	312911	DIRPL, AR App, AR UBL, AU App, AU G...	CTS=(test and environment);	2015-08-09 03:11:25			

使用者执行的每个检索都会自动保留检索历史的预设检索历史(Default search history)中

检索历史 Search History

Search History

Select history: 人工智慧專利檢索

New Search History

PATENT SEARCH (7) NATIVE JAPANESE SEARCH (0) LITERATURE SEARCH (0) ALL CONTENT (0)

FIELDED SEARCH

Title/Abstract/Claims: (artificial adj) intelligen* or (AI near10 (machin* or process or control or learning)) OR

DWPI Manual Codes: (T01-J16) OR (T06-A05A) OR (X13-C15B) Browse OR

IPC-Any: (G06F001924) Browse

Change collections: DWPI, AR App, AR Util, AU App, AU Grant...
 CTB=((artificial adj) intelligen* or (AI near10 (machin* or process or control or learning)) or (machine adj) learn*) OR MC=((T01-J16) OR (T06-A05A) OR (X13-C15B)) OR IC=((G06F001924));

Templates

New Reset **Save as New** Save Search

QUERIES IN THIS SEARCH HISTORY

Note: Select a query to edit it

PI	#	Results	Collections	Search Query	Last Run	Run	Alert	Annotate
14	28179	DWPI, AR App, AR Util, AU App, AU G...	(MC=((T01-J16) OR (T06-A05A) OR (X...	2016-09-30 02:51:49				
13	54883	DWPI, AR App, AR Util, AU App, AU G...	(MC=((T01-J16) OR (T06-A05A) OR (X...	2016-09-30 02:39:59				
12	147799	DWPI, AR App, AR Util, AU App, AU G...	(MC=((T01-J16) OR (T06-A05A) OR (X...	2017-07-20 09:09:12				
6	58874	DWPI, AR App, AR Util, AU App, AU G...	(MC=((T01-J16) OR (T06-A05A) OR (X...	2016-08-30 02:46:14				
5	1248	DWPI, AR App, AR Util, AU App, AU G...	(MC=((T01-J16) OR (T06-A05A) OR (X...	2016-08-25 04:59:32				
3	22894	DWPI, AR App, AR Util, AU App, AU G...	MC=((T01-J16) OR (T06-A05A) OR (X1...	2016-08-22 08:52:59				
1	55928	DWPI, AR App, AR Util, AU App, AU G...	CTB=((artificial adj) intelligen* ...	2016-09-22 08:38:35				

Displaying 1 - 7 of 7

Display: 30 records per page

Update Result Count Delete Save As New Append To Combine Export Print

使用者亦可在Derwent Innovation上建立專利檢索式，作為專屬的「技術檢索式数据库」，長期管理使用。

检索历史 Search History

QUERIES IN THIS SEARCH HISTORY

<input checked="" type="checkbox"/>	#	Results	Collections	
<input checked="" type="checkbox"/>	14	28179	DWPI, AR App, AR Util, AU App, AU G...	+
<input checked="" type="checkbox"/>	13	54883	DWPI, AR App, AR Util, AU App, AU G...	+
<input checked="" type="checkbox"/>	12	147799	DWPI, AR App, AR Util, AU App, AU G...	+
<input checked="" type="checkbox"/>	6	58874	DWPI, AR App, AR Util, AU App, AU G...	+
<input checked="" type="checkbox"/>	5	1248	DWPI, AR App, AR Util, AU App, AU G...	+
<input checked="" type="checkbox"/>	3	22894	DWPI, AR App, AR Util, AU App, AU G...	+
<input checked="" type="checkbox"/>	1	55928	DWPI, AR App, AR Util, AU App, AU G...	+

Displaying 1 - 7 of 7

实时update检索式更新最新检索结果

 Update Result Count

Derwent

Powering IP Innovation

<input checked="" type="checkbox"/>	#	Results	Collections
<input checked="" type="checkbox"/>	14	30598	DWPI, AR App, AU C
<input checked="" type="checkbox"/>	13	64318	DWPI, AR App, AU C
<input checked="" type="checkbox"/>	12	147824	DWPI, AR App, AU C
<input checked="" type="checkbox"/>	6	61270	DWPI, AR App, AU C
<input checked="" type="checkbox"/>	5	1346	DWPI, AR App, AU C
<input checked="" type="checkbox"/>	3	29513	DWPI, AR App, AU C
<input checked="" type="checkbox"/>	1	68475	DWPI, AR App, AU C

Displaying 1 - 7 of 7

 Update Result Count

目录

[保存的工作](#) Saved Work

[下载中心](#) Download Center

[信息中心](#) Information Center



储存工作



SMART SEARCH

检索



附注说明

使用者可随时再**SAVE WORK**中找到之前储存的专利列表、图表、检索式、追踪清单...



Derwent Innovation上所有的储存动作，可储存于个人的资料夹(Personal Folders)；或公开资料夹(Public Folders)与其他使用者共享。

收件夹用于组织内部账号传送数据使用。

储存工作

菜单

Derwent Innovation 用户: Guangkai Blueprints for Success Clarivate Analytics

仪表盘

保存的工作

- 个人资料夹
- 公共文件夹
- 收件箱
- 已删除项目

检索式

- 检索历史
- 检索式和预警

结果

- 工作文件
- 监控的记录

分析

- 图表
- 引证关系图
- 文本聚类
- ThemeScape 专利地图

模板

- 导出模板

保存的工作

个人资料夹、公用文件夹、收件箱、删除的项目

检索历史、储存的检索及追踪

工作文件夹(专利结果)、追踪的特定专利

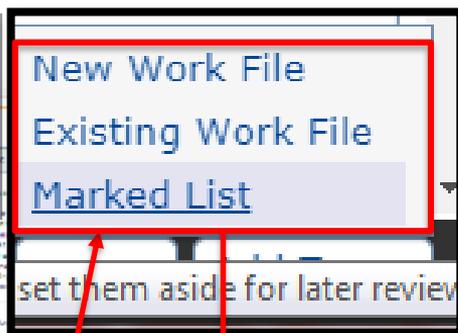
图表、Citation Map、文本聚类(高阶模块)、专利地图(高阶模块)

输出模板

储存检索结果至工作文件夹

Add To

- **Work File** 将目前的专利列表储存至文件夹中
- **Existing Work File**
- **Marked List** 标注感兴趣的专利



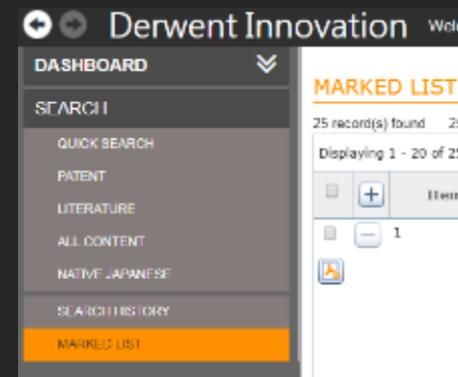
将目前的检索结果储存为工作档案夹



附注说明

工作文件夹点开后会在检索结果画面呈现之前储存的专利列表，使用者也可以在之后的检索作业过程中将新结果加入既有工作资料夹中 (Existing Work File)。

Marked List是一个暂存的专利列表文件夹，使用者可以将一整天搜集而来的专利加入Marked List中再分配到指定的工作文件夹中。



工作文件夹: 打开之前记录下来的专利列表

The screenshot shows the Derwent Innovation dashboard interface. The top navigation bar includes the logo, user name 'Welcome, Jerry', and utility icons for 'BlazePilot' and 'Clarivate Analytics'. The left sidebar lists various dashboard sections: DASHBOARD, SAVED WORK, PATENTS, QUERIES, RESULTS, ANALYSIS, and TEMPLATES. The main content area is titled 'SAVED WORK' and contains several categories of tiles: 'Personal Folders', 'Public Folders', 'Inbox', 'Deleted Items', 'QUERIES' (Search Histories, Searches & Alerts), 'RESULTS' (Work Files, Watched Patents), and 'ANALYSIS' (Charts, Citation Maps, Top Clusters, Thematic Maps). The 'Work Files' tile in the RESULTS section is highlighted with a red border. A grey callout box with white text '工作文件夹(专利结果)' points to this tile. To the right of the dashboard, a separate white box with a black border is titled 'RESULTS' and contains a green horizontal bar above the text 'Work Files'.

下载中心: 浏览专利输出结果



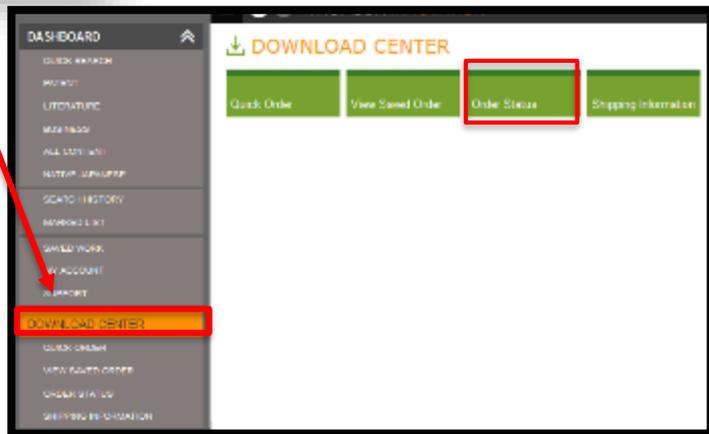
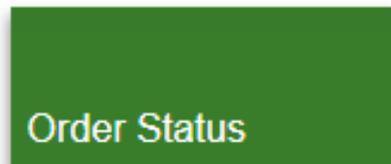
SMART SEARCH



检索

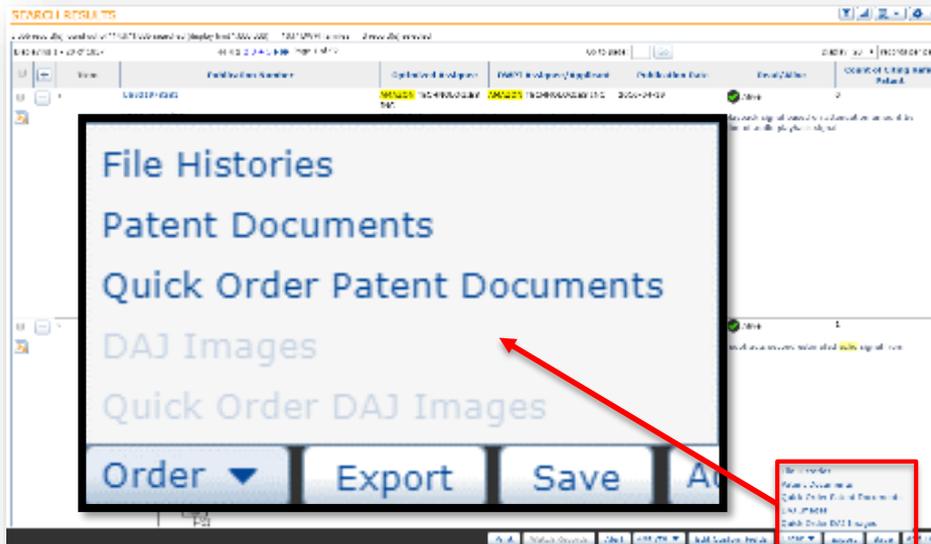


下载中心: 浏览专利输出结果



可至Download Center的Order Status中查看输出的档案

下载中心: 浏览专利下载结果



Order

- File Histories (付费的专利历史文件)
- Patent Document (专利PDF批次下载)
- Quick Order Patent Documents (专利PDF快速批次下载)

Derwent

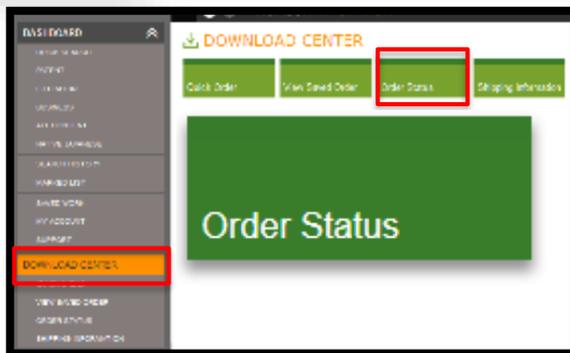
Powering IP Innovation

附注说明

若采用Quick Order Patent Documents, 系统会依您在预设喜好(Preference)的设定, 自动将档案寄送或储存。可至My Account (本手册蓝色章节)中进一步调整设定。

另外, 选择Quick Order的好处还包括, 部分特殊情况需要收费下载的专利(占极少数)系统会自动排除, 因此, 当使用者批次选取了多件专利时, 也不用担心下载到收费的专利。

可至Download Center的Order Status中查看下载或订购的文件进度



下载中心: 浏览专利输出与下载结果

The screenshot displays the Derwent Innovation Download Center interface. The main navigation menu on the left includes: DASHBOARD, QUICK SEARCH, PATENT, LITERATURE, BUSINESS, ALL CONTENT, MY ACCOUNT, SUPPORT, DOWNLOAD CENTER, ORDER STATUS, and SEARCH HISTORY. The 'DOWNLOAD CENTER' section is active, showing options for Quick Order, View Saved Order, Order Status (highlighted with a red box), and Shipping Information. A text box indicates: 'Order Status查看 目前批量下载进度'.

The 'Order Status' window shows a table of orders:

Ordered	Order ID	Order Type	Order Name	Number Ordered	Availability	Order Total	
<input type="checkbox"/>	2015-11-30	16159695	Document	Order 2015-11-30-15-04-25	4	See details	\$0.00
<input type="checkbox"/>	2015-11-30	16159687	Export	excel2015-11-30-14-40-07	939	Available Now	N/A
<input type="checkbox"/>	2015-11-26	16141030	Document	Order 2015-11-26-16-13-26	1	See details	\$0.00
<input type="checkbox"/>	2015-11-26	16140572	Export	excel2015-11-26-16-01-26	851	Available Now	N/A
<input type="checkbox"/>	2015-11-25	16138596	Document	Order 2015-11-26-12-36-16	1	See details	\$0.00
<input type="checkbox"/>	2015-11-25	16129644	Export	dataAnlz2015-11-25-15-14-39	5752	Available Now	N/A
<input type="checkbox"/>	2015-11-09	15987091	Export	excel2015-11-09-10-03-27	4076	Available Now	N/A
<input type="checkbox"/>	2015-10-05	1590701	Document	Order 2015-10-05-14-37-05	1	See details	\$0.00
<input type="checkbox"/>	2015-08-19	15707459	Document	UP 2015-08-20-11-00-03	2	See details	\$0.00

The detailed view for Order 2015-11-30-15-04-25 shows 'Patent Documents (4)' and a 'Retrieve Documents: Zip Download' button (highlighted with a red box). A text box indicates: '下载好时附上压缩 檔下载连结 ZIP Download'.

The detailed view also shows a table of patent documents:

Pub Number	Publication Date	TITLE	Page Count	Availability	Price
US2012030375A1	1291-06-27	METHOD AND SYSTEM			
US2007026173A1	2007-03-15	ERGONOMIC MAN MACHINE CONTROL SYSTEM			

The bottom of the screenshot shows the Derwent logo and the tagline 'Powering IP Innovation'.

附注说明

在Derwent Innovation上做任何的输出或下载动作,「预设」都不会直接下载到使用者的本机端,而一律储存在Download Center中,使用者可再依需求下载或寄出。

通知中心: Derwent Innovation何时update、有什么新功能、新玩意? 来这里都看得到

The screenshot displays the Derwent Innovation web application interface. At the top, the navigation bar includes the logo, the user name 'Guangkai', and the slogan 'Blueprints for Success'. Below this is a search bar with the text 'SMART SEARCH' and a search button. The main content area is divided into two sections: a navigation menu on the left and a main content area on the right.

Navigation Menu (Left):

- 检索 (Search)
- 专利检索 (Patent Search)
- 科技文献检索 (Technology Literature Search)
- 保存的工作 (Saved Work)
- 检索历史 (Search History)
- 下载中心 (Download Center)
- 日文专利检索 (Japanese Patent Search)
- 信息中心 (Information Center)** - This item is highlighted with a red border.

Main Content Area (Right):

The main content area is titled 'INFORMATION CENTER' and contains two news items:

扩大了中国专利附图覆盖范围
 中国专利附图覆盖范围现在包括：
 自 1990 年起的授权专利
 自 1988 年起的专利申请
 自 1985 年起的实用新型
 覆盖范围包括专利文献中的多个附图（如果有）。
 查看专利附图可帮助您识别不同发明之间的相似之处，尤其是机械和工程领域的发明。您可以在记录视图中查看专利附图，还可以比较多条记录，将相似附图彼此进行对比。

解决了可检索 WO PDF 中存在的错误
 以前，我们曾报告 WO 集中的可检索 PDF 因 OCR 流程而包含一些错误。这些错误会影响日语、中文、韩语或俄语文本的可读性。我们虽解决了这些错误，但却将日语、中文、韩语和俄语文本记录的可检索 PDF 替换为不可检索的版本。我们已经解决这些可检索 PDF 存在的问题。现在，Derwent Innovation 中提供了更新的版本。

目录

[使用技巧资源: 成功蓝图](#)

[调整最佳作业环境](#)

[取得支持与系统各项功能说明](#)

Derwent Innovation Welcome Henry

Blueprints for Success Clarivate Analytics

SMART SEARCH Enter key terms or text block

SEARCH

Patent Literature Saved Work Professional Services

All Content Search History Download Center

Native Japanese Information Center

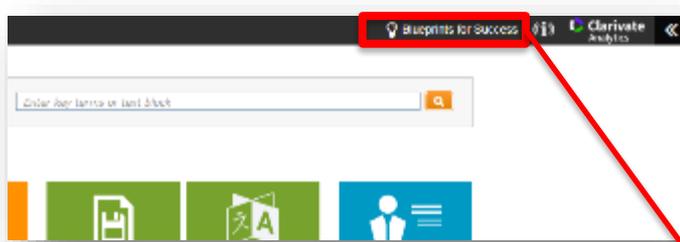
我的帐户

支持

管理

My Account & Support
账号设定与支持

使用技巧资源: 成功蓝图 Blueprint for success



成功蓝图:

成功蓝图有助于使用者有效地利用 Derwent Innovation。这些可供下载的 PDF 档向您介绍了如何通过几个简单的步骤，利用 Derwent Innovation 来解答常见的业务问题。

Blueprints for Success

Step by step guidance for some key requirements

- Identify Keynote Presentations in Your Patent Portfolio – **New**
- Quickly Research Your R&D for an invention
- Create Freedom to Operate for a New Invention
- Research Patents in a Specific Technology Context
- Keep Aware of Changes in Your Patent Field
- Evaluate Intellectual Property Acquisition or Licensing – **New**
- Analyze the Competitive Landscape in a Technology Space
- Research Market Trends in a Technology Space – **New**
- Defend and Protect Patent Infringement – **New**

选择您目前的「课题」

取得相关的检索与分析步骤与使用技巧

Step by step guidance for patent search professionals

- Business Development and Procurement for Law Firms
- Research Chemical Substances and Pharmaceuticals
- Patenting by Plan and execute a search like an examiner
- Formulate Intellectual Property Strategy for IP – **New**
- Perform IP Due Diligence for Strategic Acquisitions – **New**
- Research and develop key business patents

更多成功蓝图资讯:

<https://clarivate.com/training/derwent-learning-sessions/download-materials/blueprints-for-success/>



调整最佳作业环境: My Account 到我的帐户修改系统默认值

Derwent Innovation 用户: Guangkai

SMART SEARCH Enter key terms or text block

检索

- 专利检索
- 科技文献检索
- 保存的工作
- 专业服务
- 我的帐户**
- 检索历史
- 下载中心
- 支持
- 日文专利检索
- 信息中心
- 管理

仪表盘

我的帐户

- 跟踪
- 跟踪
- 跟踪报告
- 跟导出报告
- 首选项
- 预警
- 文献传递
- 导出和报告
- 高亮显示
- 常规
- 检索结果
- 记录视图
- 检索
- 文本聚类
- 文本聚类
- 跟检索结果相关的预设
- 跟检索相关的预设
- 配置文件
- THEMESCAPE 专利地图
- 配置文件
- 常规和隐私权
- 注册信息
- 重置密码

我的帐户

跟踪

- 跟踪
- 跟踪报告
- 跟导出报告
- 相关的预设
- 首选项
- 预警
- 文献传递
- 导出和报告
- 高亮显示
- 常规
- 检索结果
- 记录视图
- 检索
- 文本聚类
- 跟检索结果相关的预设
- 跟检索相关的预设
- 配置文件
- 常规和隐私权
- 注册信息
- 重置密码

取得支持与系统各项功能说明: Support 获得整个Derwent Innovation各项功能的完整解说

Derwent Innovation 用户: Guangkai Blueprints for Success (i) Clarivate Analytics <<

SMART SEARCH

Enter key terms or text block

检索



系统帮助文件

作为一个专业数据库，帮助文件(HELP)的完整度关系到使用者是否能查到相关的操作信息。Derwent Innovation的HELP就做得非常的完整。除了各项功能定义，甚至加入了「如何上手?」「使用技巧」「在线操作影音(Youtube)」等资源。

关于HELP更多信息请参考链接。
<http://www.derwentinnovation.com/ip-innovation/support/help/index.htm>

🏠 Derwent Innovation 入门指南

- 📄 发行说明 (2019年11月3日更新)
- 📄 帮助视频
- 📄 Derwent Innovation 成功蓝图
- 📄 导航
- 🔍 检索
- 🔍 Smart Search
- 📊 结果仪表盘
- 📊 结果列表
- 📊 检索历史
- 📊 记录视图

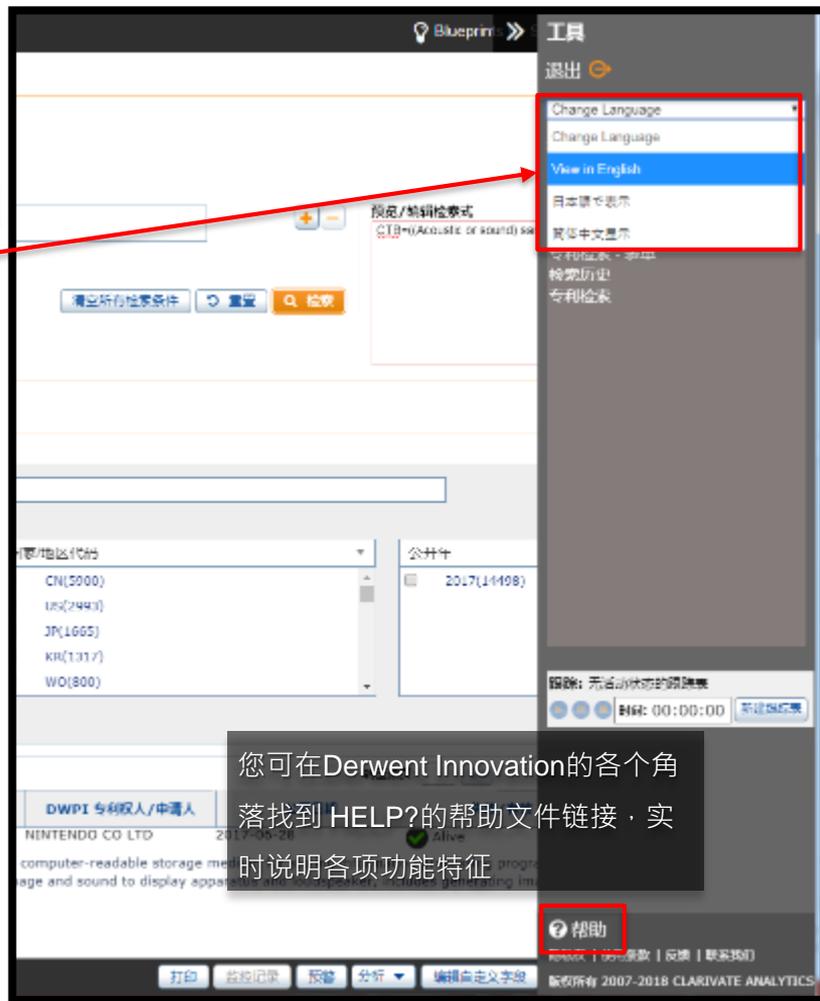
Home > 关于帮助

Derwent Innovation 入门指南

<p>检索式和预警</p> <ul style="list-style-type: none"> Smart Search 表单检索和检索结果 公开号检索和检索结果 创建预警 	<p>系统信息</p> <ul style="list-style-type: none"> 发行说明 (2019年11月3日更新) 技术要求 系统维护时间安排
<p>集合</p> <ul style="list-style-type: none"> 专利 Derwent World Patents Index (DWPI) 科技文献 	<p>分析和工作流</p> <ul style="list-style-type: none"> ThemeScape 专利地图 竞争情报图表 检索历史 下载专利 PDF 文件 导出和报告

更改显示语言与帮助文件

打开工具窗口



更改显示语言

英文(预设)

日文

中文(简体)

您可在Derwent Innovation的各个角落找到 HELP?的帮助文件链接，实时说明各项功能特征

更改显示语言

中文(简体)介面:
界面与说明文档都会变成中文, 但专利内容与检索语言仍保持英文

让检索更加智能的小技巧

- 将打印页实例(专利-及新公开、摘要或文章等)按技术领域进行检索。 您可使用常用的输入位域来指定要进行的检索。
- 自动分析文本, 以查找与该技术新近提交的相关专利。

Smart Search 可以让您轻松运用 DWPI 的强大功能

Smart Search 充分利用 Derwent World Patents Index (DWPI) 的输入位域功能来提供最佳的搜索结果。 DWPI 数据库包含由美国专利局 (USPTO) 数据库中的每个提交的文本, 以便专利分析师进行检索。 DWPI 数据库包含由美国专利局、世界知识产权组织 (WIPO) 和欧洲专利局 (EPO) 提交的专利。 使用此数据库可帮助您使用 Smart Search 查找与您的内容最相关的专利。

您还可以通过 DWPI 数据库使用 Smart Search 也可以将 DWPI 内容集成到您的系统中的一部分, 但您目前只能 DWPI 数据库的检索功能, 不能将检索结果记录集成。 这功能可以在您更新系统时将输入文本) 中更改或从数据库的 DWPI 中删除。

详细了解 Smart Search...

- 如何使用 Smart Search
- Smart Search 检索结果
- Smart Search 的工作流程?
- Smart Search 与您即将向客户提供之间的区别
- Smart Search 常见问题解答

Derwent
Powering IP Innovation

Derwent Innovation上的AI功能

AI on Derwent Innovation

科睿唯安如何运用AI技术来优化IP workflow？

科睿唯安早在十多年前开始导入机器辅助人力的相关技术来改善IP workflow，包括机器翻译、语意分析、文本聚类等技术。所有专利收录进我们的数据库后，便会进行机器翻译及语意分析等处理，并指派给对应技术背景的DWPI专家进行人工再校稿的作业。在多年的技术及DWPI加值数据积累之下发展出我们的机器学习系统，并形成成熟的人-机协作的工作流。随着基础技术发展逐渐成熟，我们将这些应用转化成既有产品上的功能，包括专利存续状态预测、智能检索、智能技术主题、优化申请人等...让广大的用户得以运用人工智能辅助他们既有的工作，提升效率与工作质量。



Derwent Innovation 整合人工智能与人类的工作流来确保数据质量



过去我们一直在做的事情



官方原始资料收录

来源
各国专利局
可检索的数据内容
不同格式不同语言
未校正原始数据
...

First Level Data
(FLD)



DWPI资料加值

机机器辅助分析原始数据
书目数据正规化、翻译、任务指派...
DWPI人工编译
人工翻译校正、编写摘要、分类索引
、公司组织索引...
可检索内容上线
...

Enhanced Patent
Data

现在我们进入到AI的时代



机器学习

机器学习与训练
专利精华内容改写建议
专利内容语意分析
续词表(Thesaurus)
专利自动分类
...

Machine
Learning



产品功能强化

存续状态预测
智慧检索
语意分析技术主题
专利可能拥有者推算
自动找出相似专利
专利强度
...

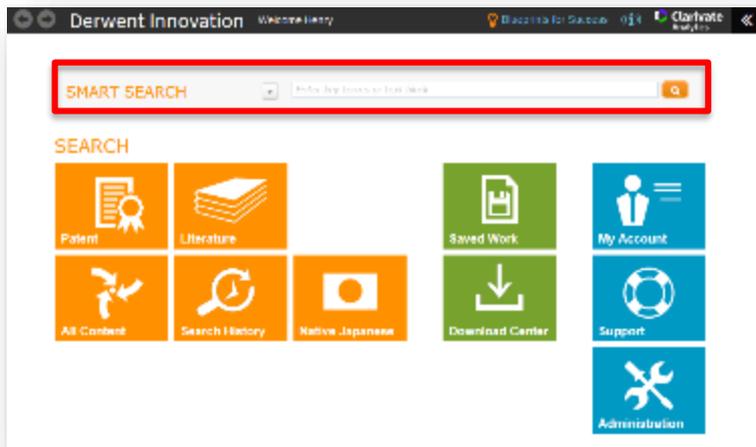
Enhanced
Search

Smart Search智慧检索

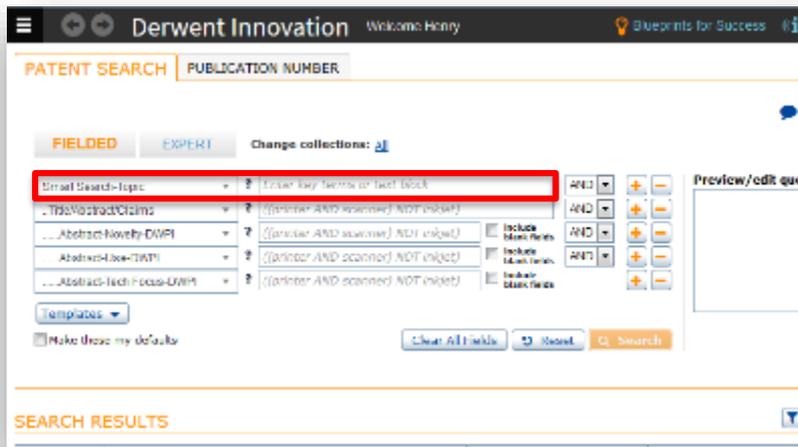
即使您不是某项特定技术的专家，Smart Search 也能让您轻松找到与该技术相关的专利。只需输入(或贴上)技术描述文本，任意长度，Smart Search 分析该文本中的关键词后，根据从您输入的文本中提取的关键词，经过语意分析、关键字拓展、引用被引用、分类号等演算，获取准确、完整的检索结果。就像熟练的专利检索人员在检索一样。

Smart Search 智慧检索

在快速检索中使用Smart Search



在字段检索中找到Smart Search的字段



Smart Search 智慧检索

WIKIPEDIA the free encyclopedia

3D printing

From Wikipedia, the free encyclopedia

For methods of transferring an image onto a 3D surface, see *gold printing*. For methods of generating autoradiographs, see *autoradiography* and *histography*.

3D printing is any of various processes in which material is joined or solidified under computer control to create a three-dimensional object (3D) with material being added together, just as liquid molecules or powder grains being fused together. 3D printing is used in both rapid prototyping and **additive manufacturing (AM)**. Objects can be of almost any shape or geometry and typically are produced using digital model data from a 3D model or another electronic data source such as an ASCII file. Manufacture using AM (AMF) is usually sequential (layered). There are many different types of 3D printing, including:

- **additive layer manufacturing (ALM)** (usually by successively adding material layer by layer.)

The term "3D printing" is typically referred to in processes that separately deposit material onto a substrate, such as jettable powder beds, layer by layer. More recently, the term is being used in popular vernacular to encompass a wider variety of additive manufacturing techniques. United States and global technical standards use the official term, *additive manufacturing* for this broader sense.

Contents (1 of 1)

- 1 Technology

Innovation Welcome Henry

SMART SEARCH

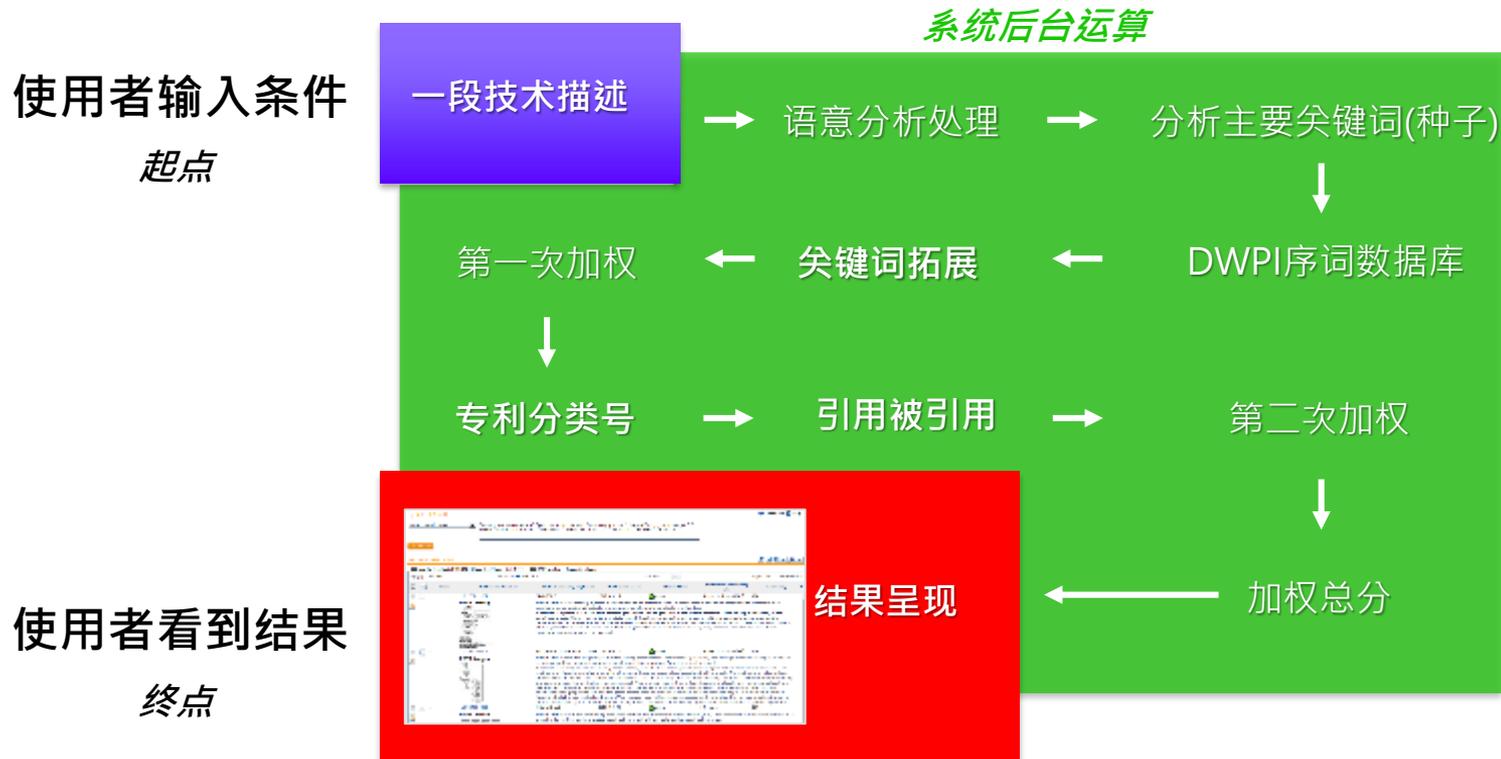
贴 上

All-new Echo (2nd Gen) has a new speaker, new design, and is available in a range of styles including fabric and wood veneers. Echo connects to Alexa to play music, make calls, set alarms and timers, ask questions, control smart home devices, and more—instantly. Just ask for a song, artist, or genre from Amazon Music, Spotify, Pandora, and more. With multi-room music, you can play music on compatible Echo devices in different rooms. Echo can also play audiobooks, radio stations, news briefs, and more. Call or message anyone hands-free with your Echo device. Also, instantly connect to other Echo devices in your home using just your voice.

详细了解 Smart Search

- [如何使用 Smart Search](#)
- [Smart Search 检索结果](#)
- [Smart Search 的工作原理？](#)
- [Smart Search 与传统检索相关性之间的区别](#)
- [Smart Search 常见问题解答](#)

Smart Search 智慧检索



Smart Search 智慧检索

PATENT SEARCH PUBLICATION NUMBER

运算过后所保留的技术关键词，连接词、介系词、符号等字符已被清除

FIELDLED EXPLRT Change collections: [AI](#)

Smart Search-Topic: ? POWDER BED "INKJET PRINTER" "PRINTER HEADS" "VERNACULAR" "LAYER BY LAYER" "ADDITIVE" "BINDER MATERIAL" "OFFICIAL" "POPULAR" "RECENTLY" "UNITED STATES" "GLOBAL"

Templates Make these my defaults

Clear All Fields Reset Search

SEARCH RESULTS

1,000 record(s) found out of 110,032,158 searched (display limit 1,000) 362 DWPI families 0 record(s) selected

Displaying 1 - 20 of 362 Page 1 of 19

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relevancy
1	EA288548BC	SCHEERING AG	BUNDESBIBLIOTHEK DER BUNDESDEUTSCHEN WIRTSCHAFT	2010-07-03	Alive	94
2	US2017007707A1	BEGO MEDICAL GMBH	BEGO MEDICAL AG	2017-03-15	Indeterminate	75
3	CN106488819B	VELCO3D INC	VELCO3D INC	2018-06-22	Alive	67
4	US10035304B2	ECS GMBH ELECTRO OPTICAL SYSTEMS	ECS ELECTRO OPTICAL SYSTEMS GMBH	2018-07-31	Alive	75

运算出前1000件与输入条件最相关的专利依相关性排序

附注说明

Smart Search功能的目的在于快速找到目标，当用户输入技术描述后，系统便会为用户演算，找出与该描述最相关的前1000件专利，排序越前面与输入的技术描述越相关。

可以理解，Smart Search的检索结果与使用者输入的描述「高度相关」

Smart Search 智慧检索

调整Smart Search挑选出来的「种子」：

「手动去除」不想加入运算的关键词

再按一次Search获得「新的」Smart Search 结果

再按一次Search获得「新的」Smart Search 结果

调整Smart Search挑选出来的「种子」：

「手动加入」新的关键词 (必须加双引号)

再按一次Search获得「新的」Smart Search 结果

Predictive Data 预测数据

预测资料是透过演算法将机器学习与 Derwent World Patents Index (DWPI) 中经过编辑增强的信息结合在一起，提供了有关专利的高度准确的可操作情报，例如：

Alive (有效)、Dead (失效) 或 Indeterminate (不确定) 状态。提供各专利及其同族专利成员的状态的存续状态、专利的到期日和剩余有效期。



Cloud Platform



Big Data Analytics



Data Scientists

PREDICTIVE ANALYTICS

这专利对该公司的重要程度？

这个专利申请人可能是哪间公司的子公司？

专利什么时候到期？

这个专利申请人是否有可能放弃这件专利？

Predictive Data 预测数据

Record View: US9931785B2 [Request Expert Translation](#) [Feedback](#) [Help](#)

[Add to Work File](#) | [Mark Record](#) | [Watch Record](#) | [Download](#) | [Translate](#) | [Citation Map](#) | [Highlight](#) | [Print](#)

Key Summary Data

Patent: ✔ Alive	Publication Date: 2018-04-03
DWPI Family: ✔ Alive View Details	Expiration Date: 2034-09-18 (estimated) View factors
INPADOC Family: ✔ Alive View Details	Remaining Life: 5880 days (16 year(s), 1 month(s))
Original Assignee: 3D Systems Inc., Rock Hill, SC, US	
Optimized Assignee: 3D SYSTEMS INC	
Ultimate Parent: 3D SYSTEMS INC	

附注说明

“关键概要信息”将来自专利授予机构的信息和强大的预测数据结合在一起，提供有关专利记录的重要情报。

[FULL VIEW](#) [Jump to: Bibliography](#) [Abstract](#) [Classes/Indexing](#) [Legal Status](#) [Family](#) [Claims](#) [Description](#) [Citations](#) [Other](#) [QUICK VIEW](#)

Bibliography

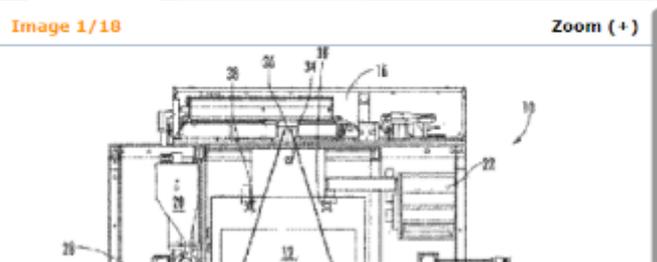
DWPI Title [?](#)
Laser sintering system for fabricating three dimensional object base sinterable powder, has chute that extends from hopper toward surf deposited upon and is formed between device and bed

Original Title [?](#)
Chute for laser sintering systems

Appl. No./Pub. No.

Images **Highlighting** [X](#)

Image 1/18 [Zoom \(+\)](#)



Derwent

Powering IP Innovation

Predictive Data 预测数据

Key Summary Data

Patent:  Alive

DWPI Family:  Alive [View Details](#)

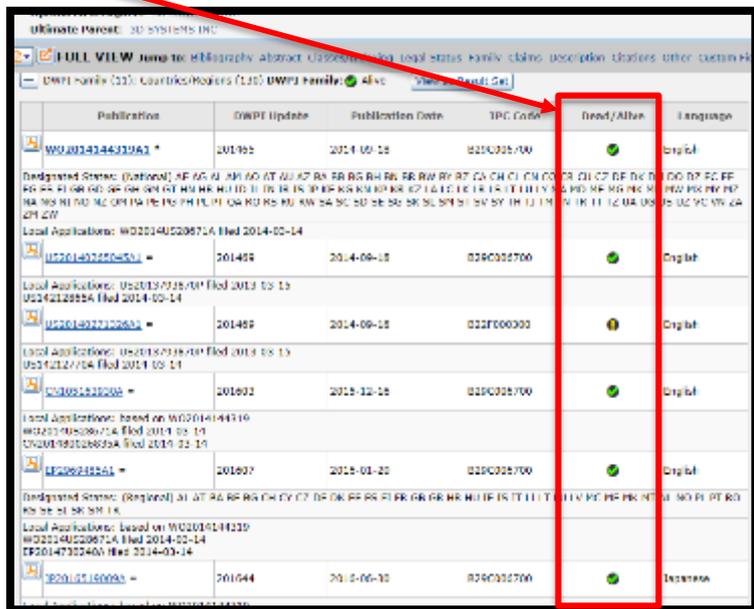
INPADOC Family:  Alive [View Details](#)

Original Assignee: 3D Systems Inc, Rock Hill, SC, US

Publication Date: 2018-04-03

Estimated Date: 2034-09-18 (estimated) [View factors](#)

(Indeterminate) • Remaining Life: 5880 days (16 year(s), 1 month(s))



Publication	DWPI Update	Publication Date	IPC Code	Dead/Alive	Language
WO/2018/04319A1 *	201805	2018-04-03	B29C305/00		English
US2018022505A =	201805	2018-04-03	B29C305/00		English
US2018022505A =	201805	2018-04-03	B29C305/00		English
US2018022505A =	201805	2018-04-03	B29C305/00		English
US2018022505A =	201805	2018-04-03	B29C305/00		English
US2018022505A =	201805	2018-04-03	B29C305/00		English
US2018022505A =	201805	2018-04-03	B29C305/00		English

指示专利的 DWPI 同族专利是失效、有效，还是不确定。如果同族专利至少包含一个具有有效状态的专利，则该同族专利即会被视为有效。

Predictive Data 预测数据

Key Summary Data

Patent:  Dead

DWPI Family:  Alive [View Details](#)

INPADOC Family:  Alive [View Details](#)

Original Assignee: PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO.

Optimized Assignee: PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO.

Ultimate Parent: MATSUSHITA DENKI KABUSHIKI KAISHA

专利预计到期的日期。除非法律状态事件已确定专利的到期日期，否则，此日期为估计日期。如果法律状态事件提前结束预计的期限，则事件的公开日期将成为预计专利期限的结束日期。

Publication Date: 2016-10-25

Expiration Date: 2017-11-17 (estimated)

Remaining Life: (0 year(s))

 [View factors](#)

Factors considered for expiration date calculation

Publication Number - KR2016123386A

Estimated Expiration Date

2017-11-17

KR, E601, DECISION TO REFUSE APPLICATION

2017-11-17

到期日期旁边的查看因素连结可打开一个新的页面或窗口，其中列出用于预测到期日期的因素。

优化申请人与和终属母公司 (Optimized Assignee/ Ultimate Parent)

由于专利原始文件遗漏、专利发生移转等种种原因，专利本身可能未揭露专利最终所有者的资讯，优化的专利权人运用了机器学习技术，对大量的专利数据进行演算并学习，将**专利的可能所有者** 揭露给使用者知悉，并辅由 Derwent 编辑团队提供专家审核，将所有者以一个标准化名称呈现。“终属母公司” 则在这一过程之后更进一步，**揭示专利的最终拥有者**。

优化申请人与和终属母公司: 要确认谁是专利的所有者，有时比想象中要难

Approximately
20% of patent documents have:

- **No** assignee listed
- Most of these only have Applicant-Inventors



US 20160261555A1

(19) **United States**

(12) **Patent Application Publication**
Niemasz et al.

(10) **Pub. No.:** US 2016/0261555 A1
(43) **Pub. Date:** Sep. 8, 2016

(54) **SYSTEM AND METHOD FOR COMMUNICATION AMONGST ENTITIES BY WAY OF PUBLIC IDENTIFIERS**

(52) **U.S. CL.**
CPC *H04L 61/1547* (2013.01); *H04L 51/28* (2013.01)

(71) Applicants: **John Niemasz**, Newton, NJ (US); **Walid Nabhane**, Long Valley, NJ (US)

(57) **ABSTRACT**

(72) Inventors: **John Niemasz**, Newton, NJ (US); **Walid Nabhane**, Long Valley, NJ (US)

Systems and methods disclosed herein facilitate communication in a communication network amongst entities by way of publicly-available identifiers. In an embodiment a first entity sends to a node in the communication network a first electronic communication which includes a public or private identifier for the first entity and a public identifier for a second entity which is a publicly-available identifier observable by the first entity and may include, for example, a vehicle identifier, a geographic locator, a venue identifier, a seating locator, a wearable identification device, and combinations thereof. The node determines a private identifier for the second entity based on the received public identifier for the second entity and sends a second electronic communication to the second entity which includes at least one of the public or private identifier for the first entity and at least one of the public or private identifier for the second entity.

(21) Appl. No.: 15/059,088

(22) Filed: Mar. 2, 2016

Related U.S. Application Data

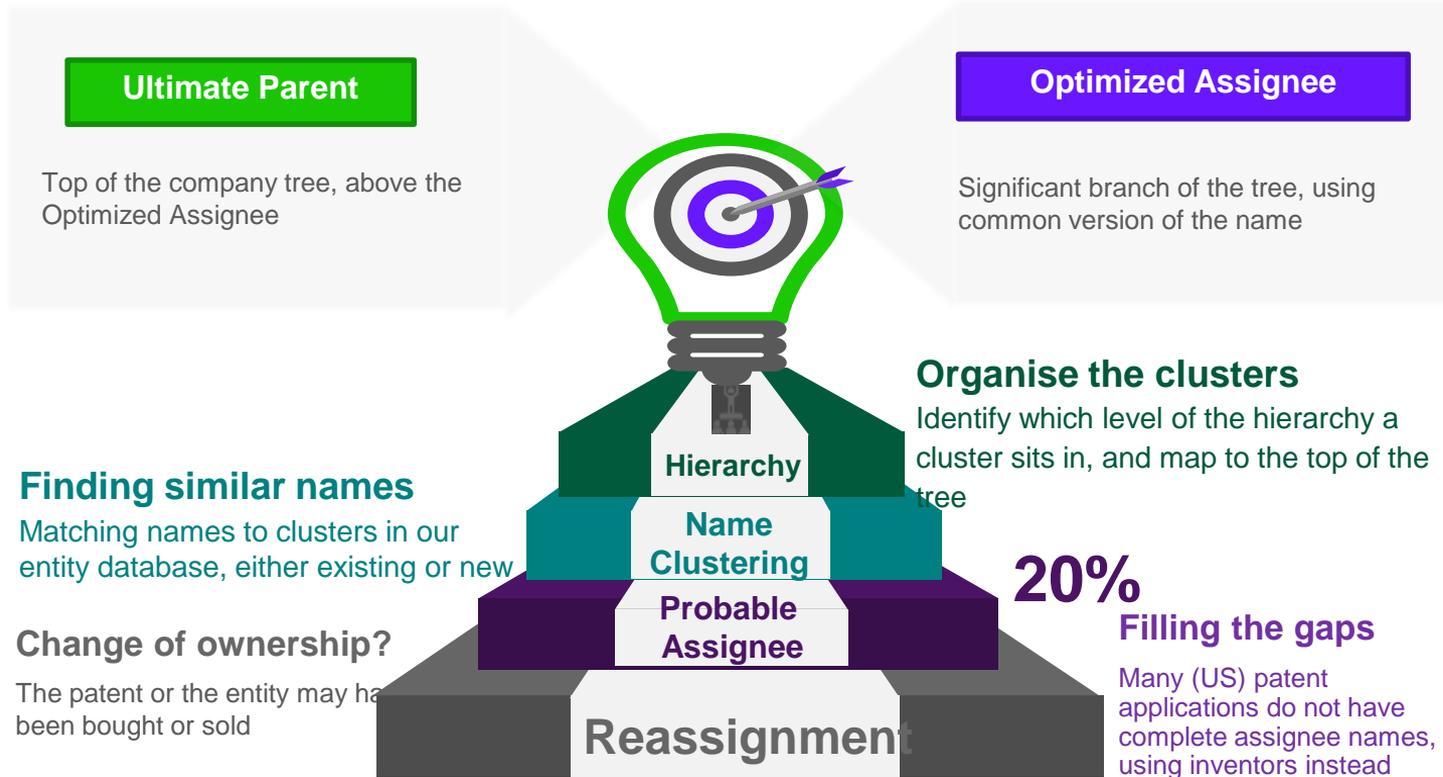
(60) Provisional application No. 62/128,333, filed on Mar. 4, 2015.

Publication Classification

(51) **Int. Cl.**
H04L 29/12 (2006.01)
H04L 12/58 (2006.01)

没有申请人信息，只有发明人信息

优化申请人与和终属母公司: 要确认谁是专利的所有者，有时比想象中要难



优化申请人与和终属母公司

Record View: US9003569B2 Request Expert Translation Feedback Help

Add to Work File | Mark Record | Watch Record | Download | Translate | Citation Map | Highlight | Print

Navigate: Preferred Documents

Key Summary Data

Patent: Alive
DWPI Family: Alive View Details
INPADOC Family: Alive View Details
Original Assignee: Ramirez John Cuevas, Redlands, CA, US
Publication Date: 2015-04-14
Expiration Date: 2033-05-15 (estimated) View factors
Remaining Life: 5423 days (14 year(s), 10 month(s))

Optimized Assignee: ERGOTRON INC
Ultimate Parent: FKI IND INC

系统自动帮您「推算」当前的专利可能的所有者

FULL VIEW Jump to: Bibliography Abstract Claims Linking Legal Status Family Claims Description Citations Other **QUICK VIEW**

Bibliography

DWPI Title ?
Partial-fingered **glove** having dorsal and palmar portions for overlaying respective back and palm regions of human hand, has **glove** improvement that is defined by metacarpal of forefinger and extending up along metacarpal of thumb

Original Title ?
Partial-fingered gloves

Assignee/Applicant ?
Standardized: **RAMIREZ JOHN CUEVAS**
Original: Ramirez John Cuevas, Redlands, CA, US

Optimized Assignee/Ultimate Parent ?	
Optimized Assignee	Ultimate Parent
ERGOTRON INC	FKI IND INC

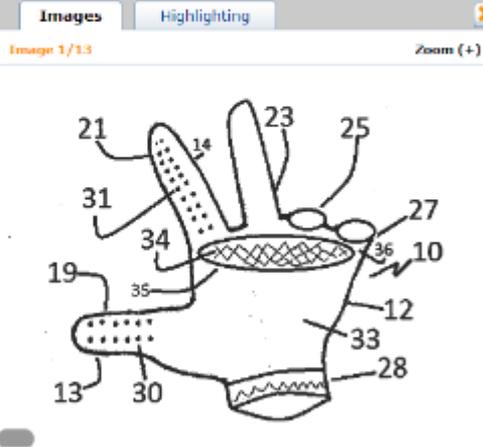
Assignee-Current US ?
RAMIREZ JOHN CUEVAS

DWPI Assignee/Applicant ?
RAMIREZ J C (RAMI-J)

Inventor ?
Ramirez John Cuevas, Redlands, CA, US

Images

Image 1/13 Zoom (+)



1 2 3 4

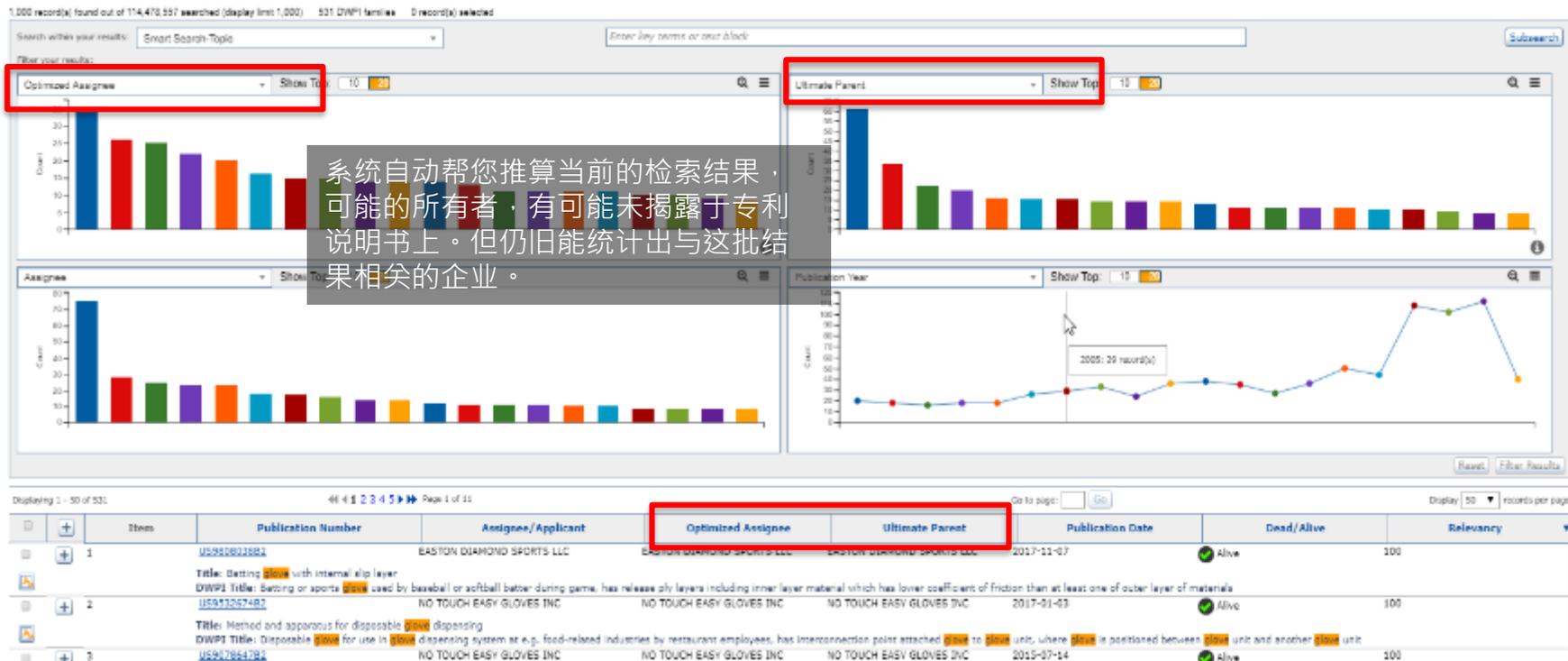
附注说明

确定优化的专利权人和终属母公司的常规流程如下：

1. 确定专利的当前所有者
2. 如果我们无法确定专利的当前所有者，可以预测可能的所有者
3. 确定当前所有者或可能所有者的一个标准化名称，这就是优化的专利权人
4. 从公司层次结构数据确定专利的最终所有者（如果适用），这就是终属母公司

优化申请人与和终属母公司

SEARCH RESULTS



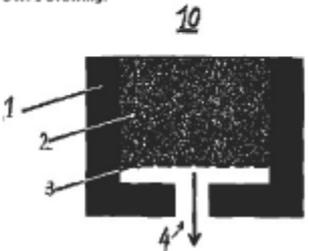
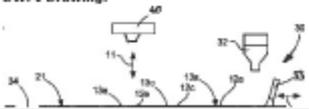
系统自动帮您推算当前的检索结果，可能的所有者，有可能未揭露于专利说明书上。但仍旧能统计出与这批结果相关的企业。

智能主题Smart Theme

智能主题从某项技术的实际专利中提取出清晰简明的关键词，作为对 IPC 定义的有效补充。针对特定 IPC 代码分类下的所有专利来分析 DWPI 标题，并选取排名靠前的关键词成为智能主题，清晰、简明地总结了在该 IPC 分类代码下的相关专利所描述的技术主题。

Derwent Innovation的新图表Chart (Beta)

Showing 1 - 20 of 362 Page 1 of 19 Go to page: Go

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relev
1	CA2886438C	SCHERING AG	BUNDESREPUBLIK DEUT BUNDESMIN WIRTSCHAFT	2018-07-03	Alive	84
<p>DWPI Drawing:</p>  <p>DWPI Title: Device for stabilizing powder bed for manufacturing powder-based additive component used in prototyping appl connected to suction pump to produce low pressure so that powder bed is pressed against filter</p>						
2	US20170071707A1	BEGO MEDICAL GMBH	BEGO MEDICAL AG	2017-03-16	Indeterminate	75
<p>DWPI Drawing:</p>  <p>DWPI Title: Products e.g. dental prostheses, manufacturing device for dental laboratory, has applicator for applying materia equal to angle of repose of material, where surface of segment is aligned to plane</p>						

Print Watch Records Alert Analyze Edit

laboratory, has applicator for applying materia
ne

Charts (Beta)

Charts

Themes **Create charts from your results**

Text Clustering

Alert Analyze Edit Custom Fields

Derwent Innovation的新图表Chart (Beta)



Competitive intelligence



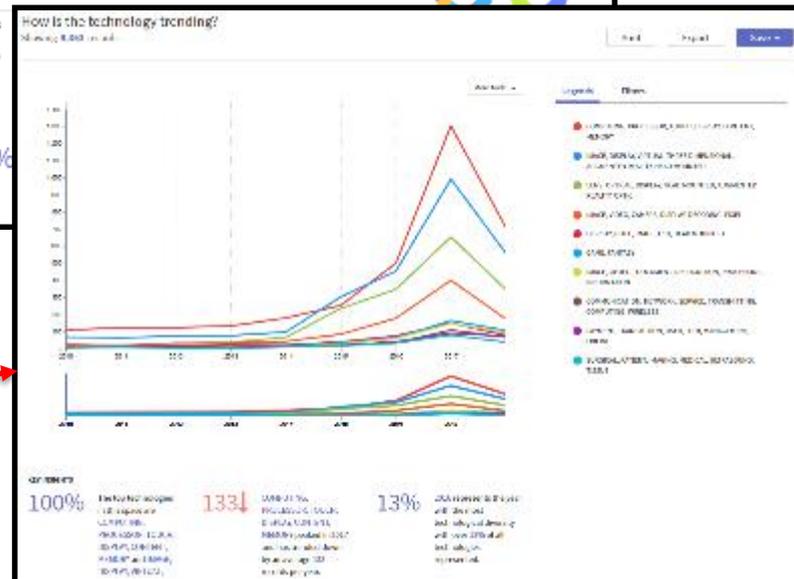
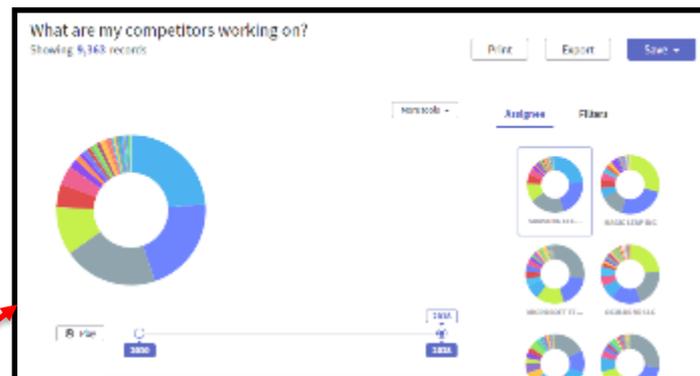
-  **Who are the major players?**
Identify the top assignees in this result set.
-  **Where has this technology been developed?**
Uncover where companies file for initial protection. See which countries/regions are found in this search.
-  **What are my competitors working on?**
Understand which technical areas the competition is focusing on



Technology Landscape



-  **How is the technology trending?**
Identifies when a technology first appears and its evolution over time



新图表上的描述是基于智能主题分析得到



× IMAGE, VIDEO, CAMERA, DISPLAY, DECODING, PIXEL

66%

Smart Theme

VIDEO, CAMERA, CONFERENCING, IMAGE, CAPTURING, TRANSMITTING, SCENE

30%

CAMERA, IMAGE CAPTURING, PANORAMIC, PIXEL ARRAY, VIDEO, FOCUS, SCENE

16%

DECODING VIDEO, CURRENT BLOCK, IMAGE CODING, BITSTREAM, PICTURE, INTRA PREDICTION MODE, MOTION VECTOR

6%

PROJECTOR, HIGH DYNAMIC RANGE, IMAGE PROCESSING, PIXEL, PLAYBACK, COLOR, VIDEO DISPLAY

5%

CHROMA INFORMATION, PICTURE DECODING, COLOR DIFFERENCE SIGNAL, VIDEO, MOTION VECTOR, PREDICTION, ENCODER

5%

BROADCAST SIGNAL, STREAMING, VIDEO CONTENT, MEDIA, PLAYBACK, MANIFEST, PRESENTATION

4%

CAMERA CALIBRATION, VIDEO QUALITY, IMAGE, SET TOP BOX, CAPTURING, COLOR, PIXEL

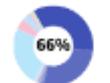
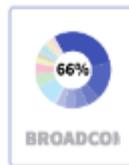
1%

IMAGE, VIDEO, CAMERA, DISPLAY, DECODING, PIXEL

<1%

Assignee

Filters



Derwent

Powering IP Innovation

Clarivate
Analytics

新图表上的描述是基于智能主题分析得到

More tools ▾

x IMAGE, VIDEO, CAMERA, DISPLAY, DECODING, PIXEL

66%

VIDEO, CAMERA, CONFERENCING, IMAGE, CAPTURING,
TRANSMITTING, SCENE

30%

CAMERA, IMAGE CAPTURING, PANORAMIC, PIXEL ARRAY,
VIDEO, FOCUS, SCENE

16%

DECODING VIDEO, CURRENT BLOCK, IMAGE CODING,
BITSTREAM, PICTURE, INTRA PREDICTION MODE,
MOTION VECTOR

6%

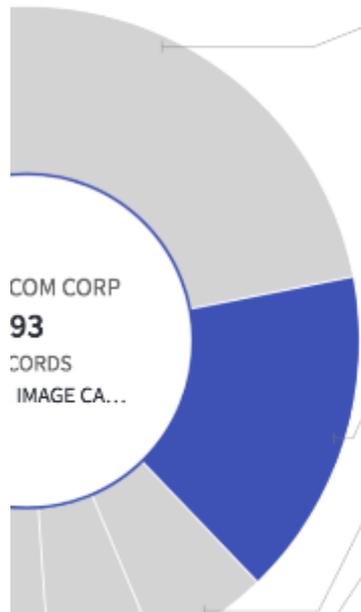
PROJECTOR, HIGH DYNAMIC RANGE, IMAGE
PROCESSING, PIXEL, PLAYBACK, COLOR, VIDEO DISPLAY

5%

CHROMA INFORMATION, PICTURE DECODING, COLOR
DIFFERENCE SIGNAL, VIDEO, MOTION VECTOR,
PREDICTION, ENCODER

5%

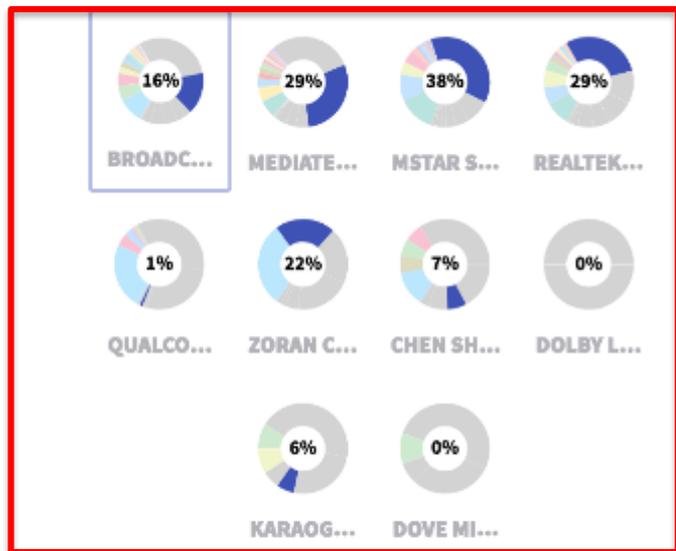
BROADCAST SIGNAL, STREAMING, VIDEO CONTENT,
MEDIA, PLAYBACK, MANIFEST, PRESENTATION



实时比对同一主题，各
专利权人的持有比例

Assignee

Filters



Derwent

Powering IP Innovation

Clarivate
Analytics

新图表上的描述是基于智能主题分析得到

OPTICAL COMMUNICATION, WAVELENGTH, FIBER OPTIC,
MULTIPLEXING, TRANSMITTING, LINK, DIVISION
1%

Key insights:

Smart theme还会先帮您解读这个图表，
并给出简单的描述



KEY INSIGHTS

79%

Overall there are 26 number of technology classifications represented. [IMAGE](#), [VIDEO](#), [CAMERA](#), [DISPLAY](#), [DECODING](#), [PIXEL](#) and [IMAGE](#), [DISPLAY](#), [VIRTUAL](#), [THREE DIMENSIONAL](#), [AUGMENTED REALITY](#), [HEAD MOUNTED](#) and [DISPLAY](#), [PIXEL](#), [IMAGE](#), [LCD](#), [HEAD MOUNTED](#) represent the top 79 % of technologies in this chart. The number of technologies represented can speak to a diverse portfolio, or a specific technical focus.

100%

100 % of the companies in this chart are filing in [IMAGE](#), [VIDEO](#), [CAMERA](#), [DISPLAY](#), [DECODING](#), [PIXEL](#) by 708 records.

Derwent Innovation的进阶功能

ThemeScape 专利地图

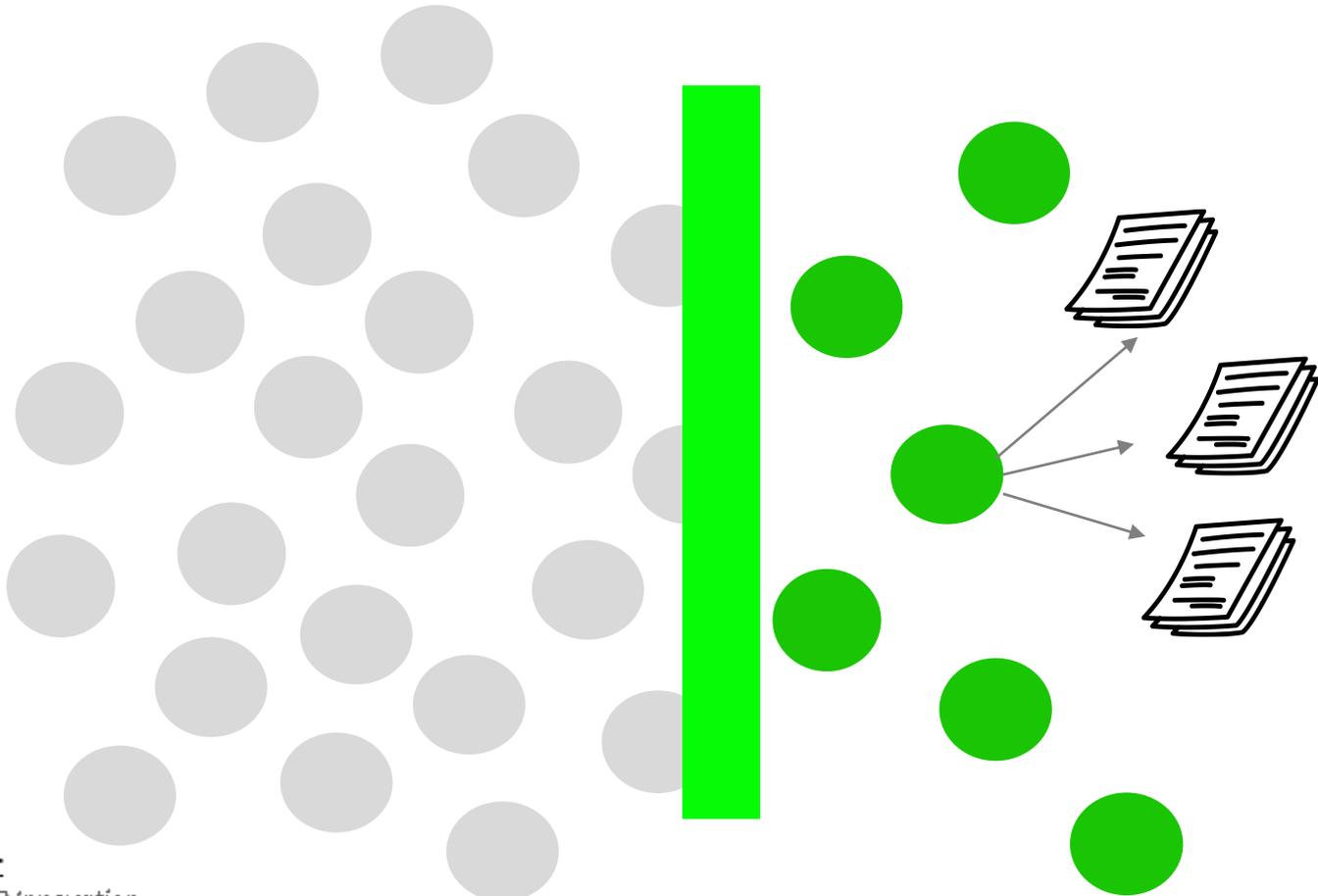
Text Clustering 文本聚类

文字探勘(Text Mining)

系统帮您比对所有专利的「文字内容」并统计「出现频率」
整理出高度被讨论的「主题」

海量专利文件

感兴趣的主题



ThemeScape

专利地图是一种数据分析工具，它可将专利或科技文献上的内容，以图像化的方式表现出主题全景图 (Content Map)。这是一种按主题内容对所选文献进行编排后的直观表现形式。有助于使用者直观的从大量的数据中找到感兴趣的主体，更进一步的挖掘或分析。

您的目的	您的检索条件及检索结果
两间企业的技术比较	把两间企业的相关专利都找出来
某间企业的专利组合	把该企业的专利找出来
某个产业的趋势分析	把相关技术的专利找出来
您手边正要处理的专利组合	输入专利号把专利调出来
近年技术发展趋势	限定年分后把专利找出来
前瞻技术趋势	找出相关论文
...	...

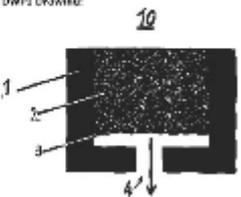


ThemeScape专利地图

SEARCH RESULTS

1,100 results found of 175,000 searched results in 1.000... 382 DWPI results... Unread/Read/Star

Displaying 1 - 30 of 382 Page 1 of 13

Item	Publication Number	Quintessential Assistance	DWPI Assistance/Assistent	Publication Date	Dead/Alive	Re
1	EP2088433B1	SCHERING AG	BUNDESREPUBLIK DEUT BUNDESFIN WIRTSCHAFT	2018-07-03	Alive	34
<p>DWPI Drawings:</p>  <p>Fig. 1</p>						
2	US2017020737A1	0000 MEDICAL DMH	0000 MEDICAL AG	2017-03-16	Discontinued	70
<p>DWPI Drawings:</p>  <p>Fig. 1</p>						
3	CN103400015E	VOLOD INC	VOLOD INC	2018-06-20	Alive	57
<p>DWPI Drawings:</p>  <p>Fig. 1</p>						

Analyze → ThemeScape

将当前的检索结果进行专利地图分析

Charts (Beta)

Charts

ThemeScape

Text Clustering

Analyze

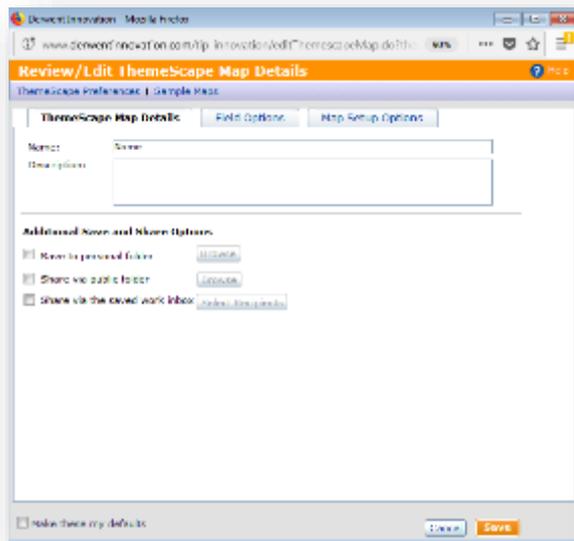
Edit Custom Fields

Derwent

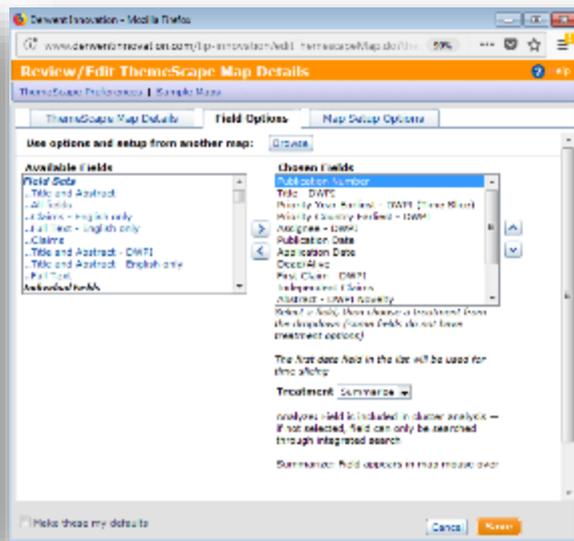
Powering IP Innovation

Analytics

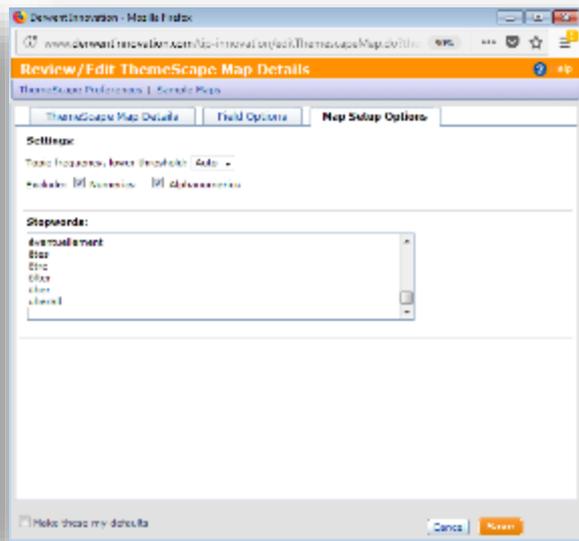
1. 地图名称与叙述



2. 选择要显示及分析的字段



3. 指定不分析的字词



ThemeScape Map

SPEECH CODE SIGNAL

黑色字体代表聚集于此的专利说明书内容高频率讨论的技术主题

每个点都是一件专利

Identified task
Call service

Publication Number: CN107067477A_

Title - DWPI: Data processing system for vehicle, loads payment process in request for added time where request is responsive to notification sent by processor to computer for predetermined period of time prior to expiration of

蓝色海洋表示此处的专利讨论着其他专利较未提及的技术主题

IMAGE PROCESS

白色山峰表示有较多专利聚集于此

ROBOT

TRANSITORY

ROBOT

Instruction Resizable

Intelligent Control system

Operation

Modular Connect
Fuelgent
Communication

Control
Robot
Base

SPEECH SYNTHESIS

Search Result
Response
Query

TREATMENT

Soybean variety
New plant cell
Soybean plant

SAMPLE DETERMINE

Impression
Sample

CANCER

Patient

NATURAL LANGUAGE

Information

Speech recognition
Annotated
Data

Identified task
Call service

DISCOVERY SYSTEM

Data
Predictive model
Base

Data
Base

Neural network
Data
Layer

Base
Game
Determine

OVER

Base

TRANSITORY

Intelligent Control system

ROBOT

Operation

Modular Connect
Fuelgent
Communication

Control
Robot
Base

Text Clustering

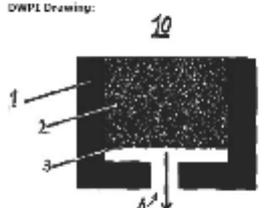
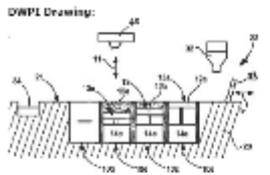
文本聚类是一种强大的分析工具，可对用户所选字段中检索到的文本进行语意分析，从而对专利或科技文献记录进行自动分类。它采用一种类似于文件夹目录的层级结构来整理和组织检索结果，这种结构很容易进行向下的数据挖掘，从而实现检索策略的精炼处理，并在主题词和专利权人之间建立新的关联。

Text Clustering 文本聚类

SEARCH RESULTS

1,000 records found out of 118,234,158 scanned. Max hits: 1,000 36 DWPE entries 0 records selected

Displaying 1 - 20 of 362 Page 1 of 19 Go to page: Go

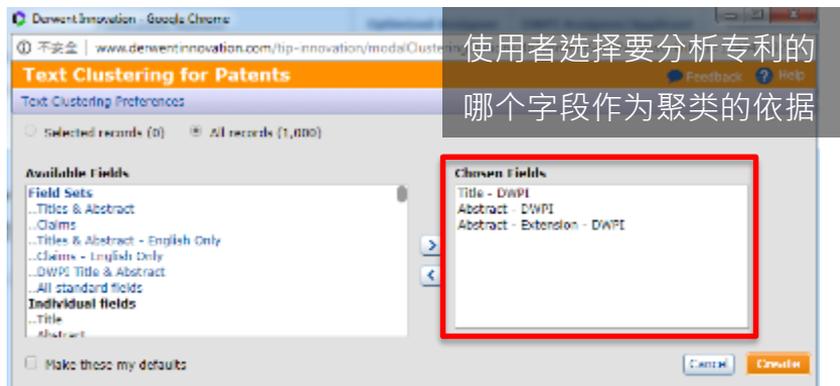
Item	Publication Number	Optimized Abstract	DWPE Assignee/Applicant	Publication Date	Open/Allow
1	CA2986159	SCHERING AG	REUTHERFORD IN DEUT REUTHERFORD WIRTSCHAFT	2018-07-03	Open
<p>DWPE Drawing:</p> 		<p>DWPE Title: Device for stabilizing hydrogel for manufacturing powder-based active component used in connected to surface pump to produce low pressure as flow through bed in process against filter</p>			
2	US2017/017274A1	BIOD MEDICAL GMBH	BIOD MEDICAL AG	2017-03-30	Indeterminate
<p>DWPE Drawing:</p> 		<p>DWPE Title: Prosthesis e.g. dental prosthesis, manufacturing device for dental laboratory, has upper part to angle of repose of material, when surface of segment is aligned to plane</p>			
3	US2018088108	VELDSO INC	VELDSO INC	2018-09-22	
<p>DWPE Drawing:</p> 		<p>DWPE Title: Method for generating three-dimensional object devoid of auxiliary top object devoid of texture, and layer of object is provided with radius of curvature</p>			

[Charts \(Beta\)](#)
[Charts](#)
[ThemeScope](#)
[Text Clustering](#)

Analyze → Text Clustering

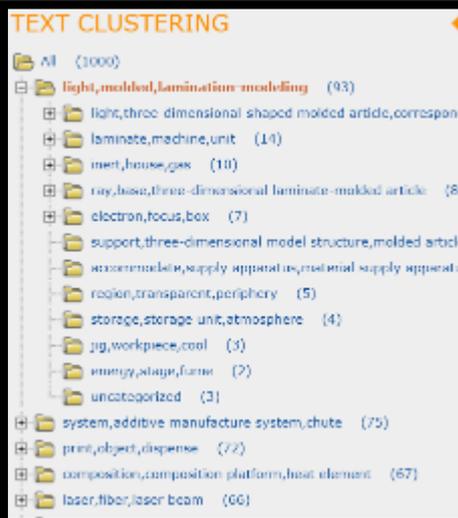
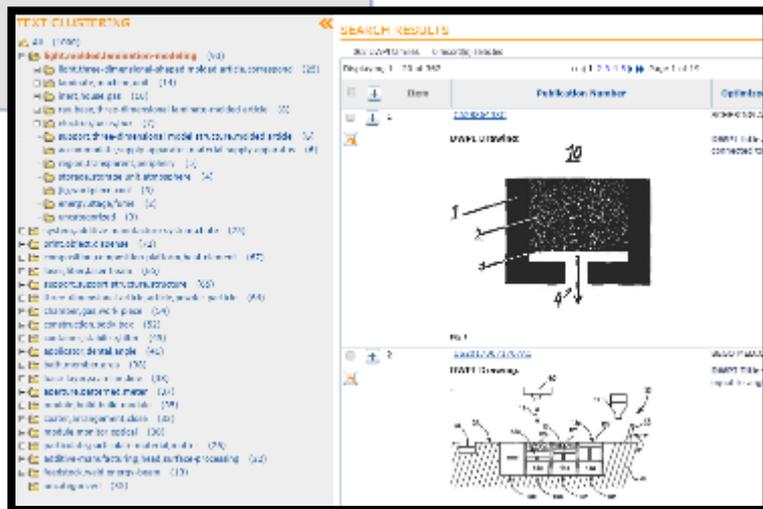
将当前的检索结果进行文本聚类分析

Text Clustering 文本聚类



附注说明

“文本聚类”面板向您显示为当前检索结果创建的所有文本聚类。单击聚类可查看与这些关键词相关的记录的检索结果。



Appendix I

截词符 Wildcard/Truncation Operators

关键词*n

*星号万用字符可取代任何数量的字母，也包括0个字母，可在一个字词的任意位置上使用，并不限于字词尾端。

furfur* (furfur后可有零个或任意数量的字符)

— 结果包括 *furfur*、*furfuryl* 和 *furfural*

furfur*l (furfur和“l”之间可有零个或任意数量的字符)

— 结果包括 *furfuryl* 和 *furfural*

furfur*3 (furfur后可有零至 3 个字符)

— 结果包括 *furfur*、*furfuryl* 和 *furfural*

Derwent

Powering IP Innovation

附注说明

“n”可填入1-99的数字，该数字表相邻的字数距离。若不输入自动代表“1”。

当使用者使用双引号“**关键词**”时，表示检索的目标条件必须完全与引号内一致，在这个情况下并不适用切截符号。

关于Derwent Innovation运算符的信息请参考下方链接：

http://www.derwentinnovation.com/tip-innovation/support/help/search_fundamentals.htm#Search_Operators

邻近算符 Proximity Operators

ADJn

关键词词需依序出现

ALL=((Acoustic or sound) **ADJ2** (speaker or speaking)

在专利全文字段(ALL)中检索符合下列条件:

前面的关键词组**接下来的2个字**以内要出现后面的关键词组

Example: sending a text message, playing a **sound, speaking** a message

NEARn

不受出现顺序的限制

ALL=((Acoustic or sound) **NEAR2** (speaker or speaking)

在专利全文字段(ALL)中检索符合下列条件:

前面的关键词组**周围的2个字**以内要出现后面的关键词组

Example: **Speakers** enable **sounds** to be played

SAME

不受出现顺序的限制

ALL=((Acoustic or sound) **same** (speaker or speaking));

在专利全文字段(ALL)中检索符合下列条件:

前面的关键词组与后面的关键词组要**出现在同一段**

Example: Measure correctly the sound collection time of a head test **sound** in the

case of sound-collecting the test twelve-tone emitted_sound|pronounced from the

speaker, and performing various measurement

附注说明

" n" 可填入1-99的数字，该数字表相邻的字数距离。若不输入自动代表" 1" 。

用户可在任何支持布尔逻辑(AND OR NOT)的字段中，应用邻近运算符。

Derwent

Powering IP Innovation

关于Derwent Innovation运算符的信息请参考下方链接:

http://www.derwentinnovation.com/tip-innovation/support/help/search_fundamentals.htm#Search_Operators

申请人检索怎么作?

• 申请人检索第一步，可先就申请人名称检索

附注说明

公司树:

显示在考虑集团公司并购和收购的情况下，如何将专利权名称添加到公司层次结构中，这样您就可以从该公司层次结构中选择专利权名称以检索专利。资料覆盖美国和 EP 授权专利以及 EP 和 WIPO 专利申请。

如何使用请参考[连结](#)

DWPI专利权人代码

专利权人代码是分配给全球约 21,000 家公司之一的唯一 4 位字母标识符。检索这些代码可获取指定公司的子公司及相关控股信息。4 位字母代码可能包含后缀。后缀表示代码的类型：

-C 表示标准代码 (仅同一组织及其相关单位可使用) -N 表示非标准代码(多个组织共享一个代码) -I 表示个人代码(非专属) -R 表示俄罗斯代码。您可通过公司名称或专利权人代码检索 DWPI 专利权人代码。

如何使用请参考[连结](#)

用OR连结彼此

The screenshot shows a search interface with several input fields and a search button. The fields contain the following text:

- 专利权人/申请人: amazon
- 专利权人/申请人: "AMAZONCOM" OR "LIQUAVISTA" OR "RINGINC"
- 专利权人代码 - DWPI: AMAZ-C
- 当前专利权人 - 美国: amazon

Below the fields is a "模板" (Template) dropdown and a checkbox "将这些选项设为我的默认值". To the right, there is a search button with a magnifying glass icon and the text "检索". Above the search button, there is a "清空所有检索条件" (Clear all search conditions) button and a "重置" (Reset) button. A red box highlights the search button and the "重置" button. A red arrow points from the text "用OR连结彼此" to the search button.

Derwent

Powering IP Innovation

检索指定专利局的专利该怎么做？

The screenshot shows a patent search interface with the following elements:

- PATENT SEARCH** header with a **PUBLICATION NUMBER** filter.
- Navigation tabs: **FIELD** (selected) and **EXPERT**.
- Left sidebar: A list of search fields. **Country Code** is highlighted with a red box. A grey box with the text "选择Country Code的字段" (Select the Country Code field) is overlaid on this item.
- Main search area: The search criteria **US or EP or CN or KR or JP** is entered in a text box and highlighted with a red box. A grey box with the text "输入欲检索的国家代码" (Enter the country code you want to search) is overlaid on this text.
- Search results: Below the search box, it shows "19368 DWPI families" and "0 record(s) selected".
- Bottom of the search box: A search term **"musical instrument" tuning peg** is visible.

附注说明

各地区的专利号一定有该地区的代码 (e.g. US8086236)

采用五大大专利局地区代码下检索式 $CC=(US \text{ or } KR \text{ or } JP \text{ or } EP \text{ or } CN)$ 。

同理，欲检索指定国家/地区的专利只需在所有检索条件的最后一项加入国家代码的检索字段作限缩即可，无须调整Collection理的数据库收录范围。

如何查DWPI Assignee Code申请人代码?

Derwent Innovation Welcome Henry Blueprints f

PATENT SEARCH PUBLICATION NUMBER

选择Assignee Code字段

浏览/查询 DWPI专利权人代码

Assignee Code-DWPI ? FUFA Browse

Templates

Make these my defaults

Clear All Fields Reset Search

输入公司查代码
或输入代码查公司

DWPI Assignee Code Searching

Search for DWPI Assignee Codes

Filter company or code: FUFA

156 Items found

Search Results

ID	NAME	CODE	TYPE
1	PHOENIX INC	PHOEN	C
2	PHOENIX LTD	PHOEN	C
3	PHOENIX CORP	PHOEN	C
4	PHOENIX INC	PHOEN	C
5	PHOENIX INC	PHOEN	C
6	PHOENIX INC	PHOEN	C
7	PHOENIX INC	PHOEN	C
8	PHOENIX INC	PHOEN	C
9	PHOENIX INC	PHOEN	C
10	PHOENIX INC	PHOEN	C
11	PHOENIX INC	PHOEN	C
12	PHOENIX INC	PHOEN	C
13	PHOENIX INC	PHOEN	C
14	PHOENIX INC	PHOEN	C
15	PHOENIX INC	PHOEN	C
16	PHOENIX INC	PHOEN	C
17	PHOENIX INC	PHOEN	C
18	PHOENIX INC	PHOEN	C
19	PHOENIX INC	PHOEN	C
20	PHOENIX INC	PHOEN	C

勾选任一符合条件的代码即可

如何应用DPWI Assignee Code帮助检索?

The screenshot shows the Derwent Innovation search interface. At the top, it says "Derwent Innovation" and "Welcome Henry". On the right, there are logos for "Blueprints for Success", "Clarivate Analytics", and "i". Below the header, there are two tabs: "FIELDDED" (highlighted in orange) and "EXPERT". A grey box with the text "一次检索完包括相关企业的专利" (One search includes patents of related companies) is overlaid on the search area. The search input field is highlighted with a red box and contains the text "Assignee Code-DWPI" in a dropdown menu and "PFIZ-C or MERI-C or NOVS-C" in the main input field. To the right of the input field is a "Browse" button. Below the input field, there is a "Templates" dropdown menu and a checkbox labeled "Make these my defaults". On the right side of the search area, there are buttons for "Clear All Fields", "Reset", and "Search". Below the search area, the results are displayed as "Pfizer PFIZ-C", "Merck MERI-C", and "Novartis NOVS-C".

Derwent Innovation Welcome Henry

Blueprints for Success (i) Clarivate Analytics

FIELDDED EXPERT Change Code

一次检索完包括相关企业的专利

Assignee Code-DWPI ? PFIZ-C or MERI-C or NOVS-C Browse

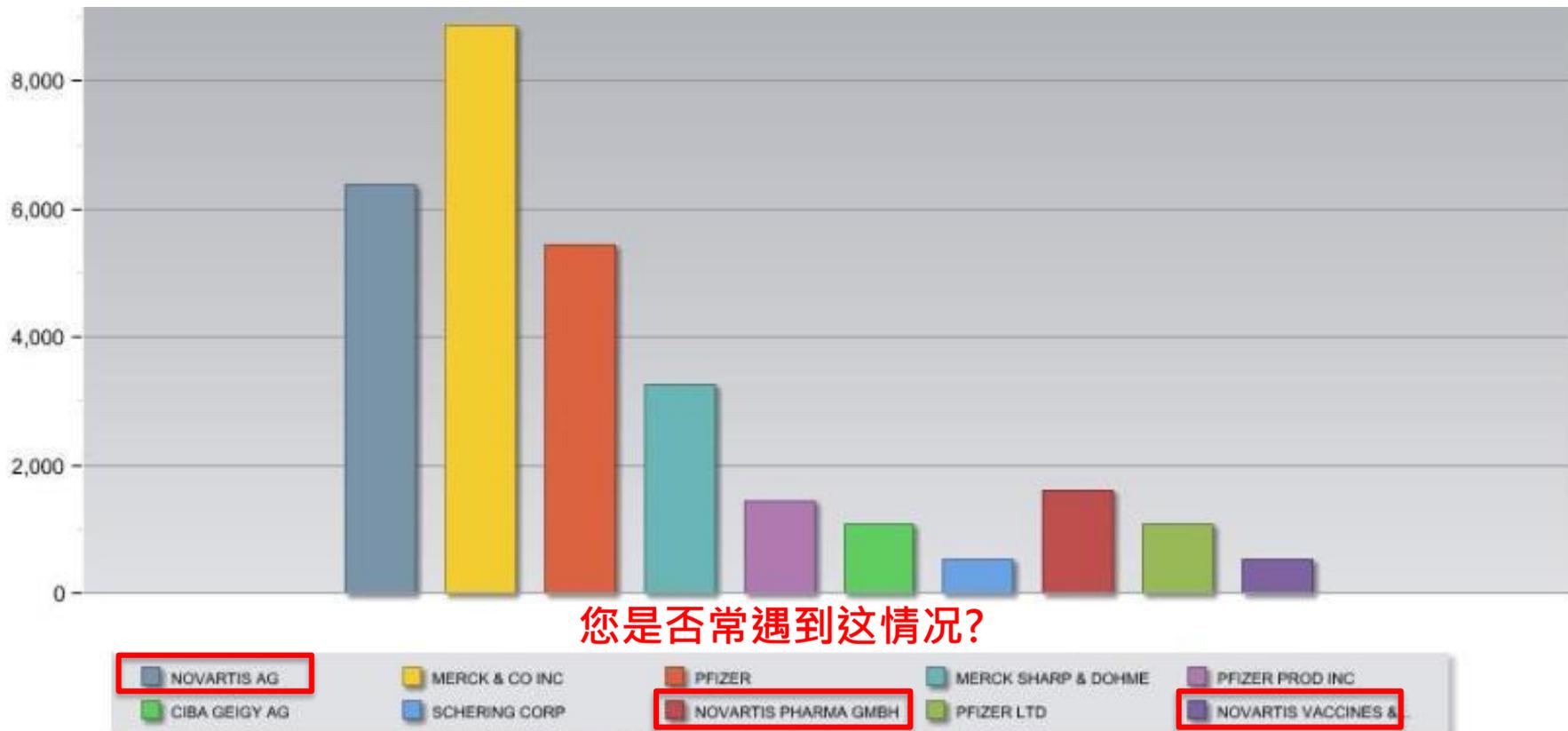
Templates

Make these my defaults

Clear All Fields Reset Search

Pfizer PFIZ-C
Merck MERI-C
Novartis NOVS-C

如何应用DPWI Assignee Code帮助统计?



如何应用DPWI Assignee Code帮助统计?

Top Assignees

Save | **Edit** | Exports & Reports | Print

www.derwentinnovation.com/tip-innovation/modalEditCh 90%

Edit Chart

Title (Optional): Top Assignees

Description (Optional):

Content Type: Patents

Chart Type: Vertical Bar

Visual Options: Solid

Primary Field to Analyze: Assignee/Applicant

Assignee/Applicant

Assignee/Applicant (first)

Assignee-Current US

DWPI Assignee/Applicant

Assignee Code-DWPI

Inventor

DWPI Manual Codes (5 characters)

DWPI Manual Codes (7 characters)

Example:

Show Appearance Options Data Colors

2D or 3D: 2D

Collapse by: DWPI Family

Preferred Document: Most Recent

Authority and Type:

US Granted

US Applications

European Granted

European Applications

WIPO Applications

Australian Applications

British Granted

British Applications

Canadian Granted

QUALCOMM INC

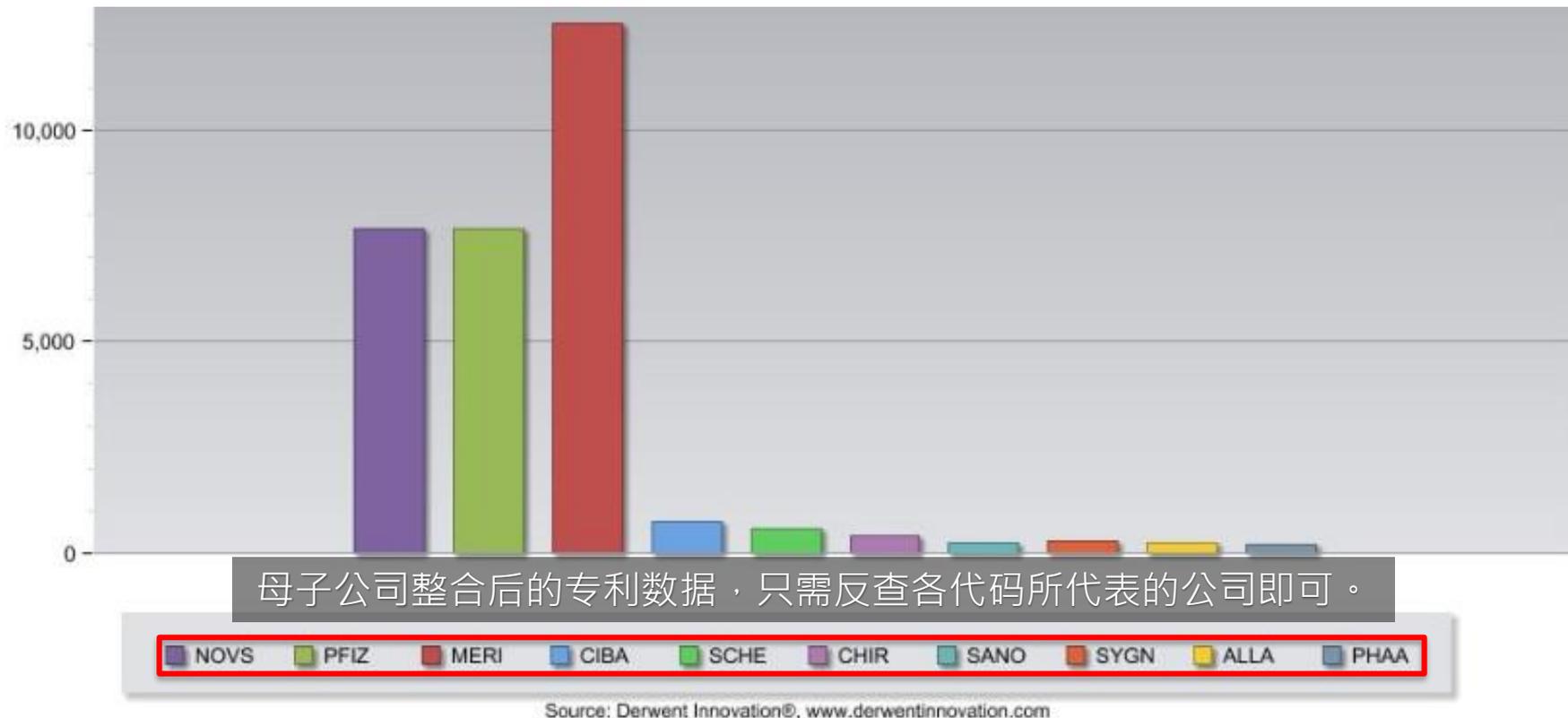
STATVUE Analytics

Powering IP Innovation

点选调整图表内容

稍微调整一下统计的依据
改为统计申请人代码(事先经归并的申请人信息)

如何应用DPWI Assignee Code帮助统计？



数据集合和覆盖范围概述

Derwent Innovation 提供相关度最高的综合性全球专利信息集合，并收录了亚太地区专利的英文翻译，覆盖范围非常广泛。此外，Derwent Innovation 还将科技文献集成在同一平台上，有助于您快速执行全面深入的知识产权研究。单击下面的链接，了解这些可用集合的更多信息：

[专利集合概述](#)

- [专利集合覆盖范围和更新时间安排](#)
- [DWPI 最新更新](#)
- [专利集合覆盖范围概要图表](#)
- [核心版专利集合](#)
- [增值专利信息 - DWPI 和 DPCI](#)

[亚洲专利集合](#)

[拉丁美洲专利集合](#)

[日文专利集合](#)

[科技文献集合](#)

DWPI (Derwent World Patents Index)是什么？

DWPI 加值专利信息提供了 3,550 万个同族专利，涵盖超过 7,430 万个专利记录，覆盖全球 50 个专利授予机构和 2 个期刊来源。由900多位DWPI专家对专利进行内容加值作业，包括改写的精华摘要、专属索引/分类系统、申请人正规化与除错等...。使用者只要在Derwent Innovation上看到DWPI的字样即表示该字段内容是来自于DWPI专家团队加工的内容。

The screenshot displays a patent record for US9947807B2. The interface includes a 'QUICK VIEW' section with the title '德温特摘要 DWPI Abstract'. Below this, there are sections for 'Original Title', 'DWPI Abstract', and 'First Claim'. The 'DWPI Abstract' section contains a detailed technical description of a power generation system. To the right of the text is a technical drawing labeled 'Image L17' showing a 'Mini coil module' with various components like 'Light', 'Wireless Tx module', and 'Tx circuit' connected to a 'Tx antenna' and a 'Tx coil'. The drawing includes reference numerals 720, 730, and 740.

The screenshot shows a 'Change collections:' interface with two tabs: 'FIELDDED' and 'EXPERT'. Below the tabs is a list of collection items, each with a dropdown menu and a search icon. The items are:

- ...Abstract-Advantage-DWPI
- ...Assignee Code-DWPI
- ...Abstract-Drawing Desc-DWPI
- DWPI Manual Codes
- ...Abstract-Use-DWPI

Each item has a dropdown arrow and a question mark icon. To the right of the list, there are search icons and some text fragments like '((printer', 'FUFA', '((hydraul', and '(A12-V04'.

更多DWPI的信息请参考下方链接:

<https://clarivate.com.tw/products/derwent-world-patents-index/>

分类列表、代码和列表

国家/地区代码	专利国家/地区代码清单	国家/地区代码
公司树	公司树帮助	专利权人/申请人
CPC 符号	CPC 检索辅助工具	CPC - 全部
DWPI 专利权人代码	专利权人代码 - DWPI 检索辅助工具帮助	专利权人代码 - DWPI
DWPI 分类	DWPI 分类检索辅助工具帮助	DWPI 分类
DWPI 手工代码	DWPI 手工代码检索辅助工具帮助	DWPI 手工代码
ECLA 分类 (欧洲分类)	ECLA 分类检索辅助工具帮助	ECLA
F Term 和 FI 分类号	F Term、FI 分类号和 FI 方面分类号检索辅助工具帮助	日本 F Term 日本 FI 分类号/FI 方面分类号
INPADOC 法律状态代码	法律状态代码列表	INPADOC 法律状态
IPC (国际专利分类)	IPC 检索辅助工具帮助	IPC - 全部
语言代码	语言代码 (ISO 639-2)	语言
专利文献类型识别代码	专利文献类型识别代码列表 DWPI 专利文献类型识别代码列表	专利文献类型识别代码 专利文献类型识别代码 (基本)
洛迦诺分类	WIPO 网站	洛迦诺
US Class (美国专利分类)	美国分类检索辅助工具帮助	美国分类
美国专利维持状态代码	美国专利维持状态代码列表	美国专利维持状态

Appendix II

Materials

Derwent Innovation 基础入门资源 (连结)

检索式和预警

[Smart Search](#)

[窗体检索和检索结果](#)

[公开号检索和检索结果](#)

[创建预警](#)

集合

[专利](#)

[Derwent World Patents Index \(DWPI\)](#)

[科技文献](#)

培训和参考

[演示和 YouTube 视频](#)

[Derwent Innovation 用户指南 \(PDF\)](#)

[适用于 Express 用户的 Derwent Innovation 用户指南s \(PDF\)](#)

[分类、代码和列表](#)

[培训课程](#)

[可下载的参考和提示与技巧](#)

系统信息

[发行说明](#)

[技术要求](#)

[系统维护时间安排](#)

分析和工作流

[ThemeScape 专利地图](#)

[竞争情报图表](#)

[检索历史](#)

[下载专利 PDF 文件](#)

[汇出和报告](#)

自定义环境

[首选项](#)

[检索范本](#)

[导出范本](#)

[自定义字段](#)

免费教学影片 (YouTube 连结)

快速入门	研究	结果
<ul style="list-style-type: none"> • 研究特定技术 • 通过结果仪表盘探索检索结果 • 从仪表盘快速查找专利 • 快速查找和下载专利 • 快速订购专利文献 • Derwent Innovation 仪表盘 • Derwent Innovation 检索和结果 • 保存结果以便将来查看 	<ul style="list-style-type: none"> • 创建专利检索范本 • 查找专利列表的同族专利 • 查找专利列表的引用 • 查找检索结果的全部同族专利 • 查找转让的美国专利 • 查看美国专利申请的当前所有者 • “专利权人 - 当前 (美国)” 字段如何确定专利的当前所有者 • 使用公司树研究授予特定公司的专利 • 使用公司树检索多个专利权人 	<ul style="list-style-type: none"> • Combine Data Points in the Results Dashboard • 快速查看检索结果 • 轻松地集中显示最相关的结果 • 更改检索结果显示 • 使用筛选功能集中显示最相关的结果 • 通过二次检索精炼您的结果 • 将检索结果中的相关记录分组在一起
预警和监控记录	分析	检索历史
<ul style="list-style-type: none"> • 创建预警 • 监控记录是否有更改 • 预警和监控记录之间的区别 	<ul style="list-style-type: none"> • 生成 ThemeScape 专利地图 • 快速分析：竞争形势概览 • 快速分析：专利区域分布 	<ul style="list-style-type: none"> • 将检索式添加到检索历史 • 将检索式复制到其他检索历史 • 编辑检索历史中的检索式 • 将检索式保存到新的检索历史

Derwent Innovation成功蓝图 PDF下载 (欲取得最新内容需自行上网站下载)

保证新发明的自由使用权

我们的新发明是否对任何活动（可行权的）的专利构成侵权？我们的新发明可以在特定市场实现商业化吗？预计该发明存在哪些新的侵权风险？

自由使用权 (FTO) 研究可帮助您决定是否可以围绕某项发明采取行动（例如测试或商业化），同时又不会侵犯他人的知识产权。

通过 Derwent Innovation，可以在将发明投入市场前，非常轻松地执行全面的 FTO 研究。强大的检索工具和高级预测数据可生成精确且全面的结果，清晰识别活动专利。通过这些工具可以轻松评估待定专利申请可能存在的风险，并在这些专利申请取得专利生命周期内的任何进展时收到通知。

立即下载：[保证新发明的自由使用权](#)

研究特定技术领域的专利

我能否找到某项特定技术的所有专利？我如何确保我的关键词检索能够找到与某项技术相关的所有专利？我如何找到关于某项技术特定方面的较多检索结果？

探索如何借助分类代码轻松查找与某项技术有关的所有专利，或者重点检索与特定技术方面相关的结果。

立即下载：[研究特定技术领域的专利](#)

评估组合的合并、收购或许可

作为收购目标的公司的专利组合有何价值？我们的专利组合是否与潜在合并公司的专利组合互为补充？专利组合中是否存在任何低价值或无用的负担？如果存在，我们该如何许可或售出这些低价值专利？

通过 Derwent Innovation，可以非常轻松地对整个专利组合进行评估。强大的工具可帮助您快速锁定高价值专利、评估互补组合并发现潜在的许可机会。

立即下载：[评估组合的合并、收购或许可](#)

Derwent
Powering IP Innovation

研究化学物质和药物学

如何在 Derwent Innovation 中研究化学或药品成分？我可以进行什么类型的研究？我可以找到即将过期的药品吗？我可以为我们现有的专利找到新的用途吗？Derwent Innovation 提供用于研究化学物质和药物学相关专利的基本工具。通过 Smart Search，可以很轻松地找到所有可能的化学公式名称，并且您可以使用这些公式精心编排有针对性的检索，以用于查找特定物质、及其用途、制造工艺或相关流程的记录。

立即下载：[研究化学物质和药物学](#)

支持专利诉讼

我如何针对专利侵权案件进行辩护？我如何针对我的专利组合提起侵权诉讼？对专利侵权案件进行辩护时，您可以轻松研究主张专利的诉讼历史，评估潜在损失，并确立您的发明的新颖性。

在针对您的知识产权提起侵权诉讼时，您可以快速识别自己最具价值的专利，发现可能的侵权行为，并针对潜在的侵权行为进展设置通知。

立即下载：[提起专利诉讼和进行辩护](#)

创新与市场趋势

某项特定技术的市场到底是会继续走热还是会出现降温态势？您是否应该投资这一领域？您的现有发明是否存在新市场？

通过结果仪表盘和 ThemeScope 专利地图将检索结果重点落在某一特殊技术上，让您可以轻松分析特定技术领域的趋势，并找到问题的答案。

立即下载：[评估组合的合并、收购或许可](#)

更多成功蓝图信息：

<https://clarivate.com/training/derwent-learning-sessions/download-materials/blueprints-for-success/>



Derwent
Powering IP Innovation



科睿唯安

产品客服专线：400-8822-031

产品客服Email：ts.support.china@Clarivate.com