Derwent Innovation®

用户快速上手指南 2018年版

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Derwent
Powering IP Innovation

Clarivate
Analytics

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Derwent Innovation

检索概述

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Analytics

- 每个DI账号同一时间仅限一人在线使用
- 如果之前使用忘记退出，再次登录会使得前一次的登录自动退出

https://www.derwentinnovation.com/login-en/

请输入您的邮箱作为用户名
并输入您的密码

重要提醒

用户名和密码输入无误的情况下，点击LOG IN按钮会弹出新窗口，请务必将您的浏览器设置为**允许DI弹出新窗口**，否则无法进入DI界面

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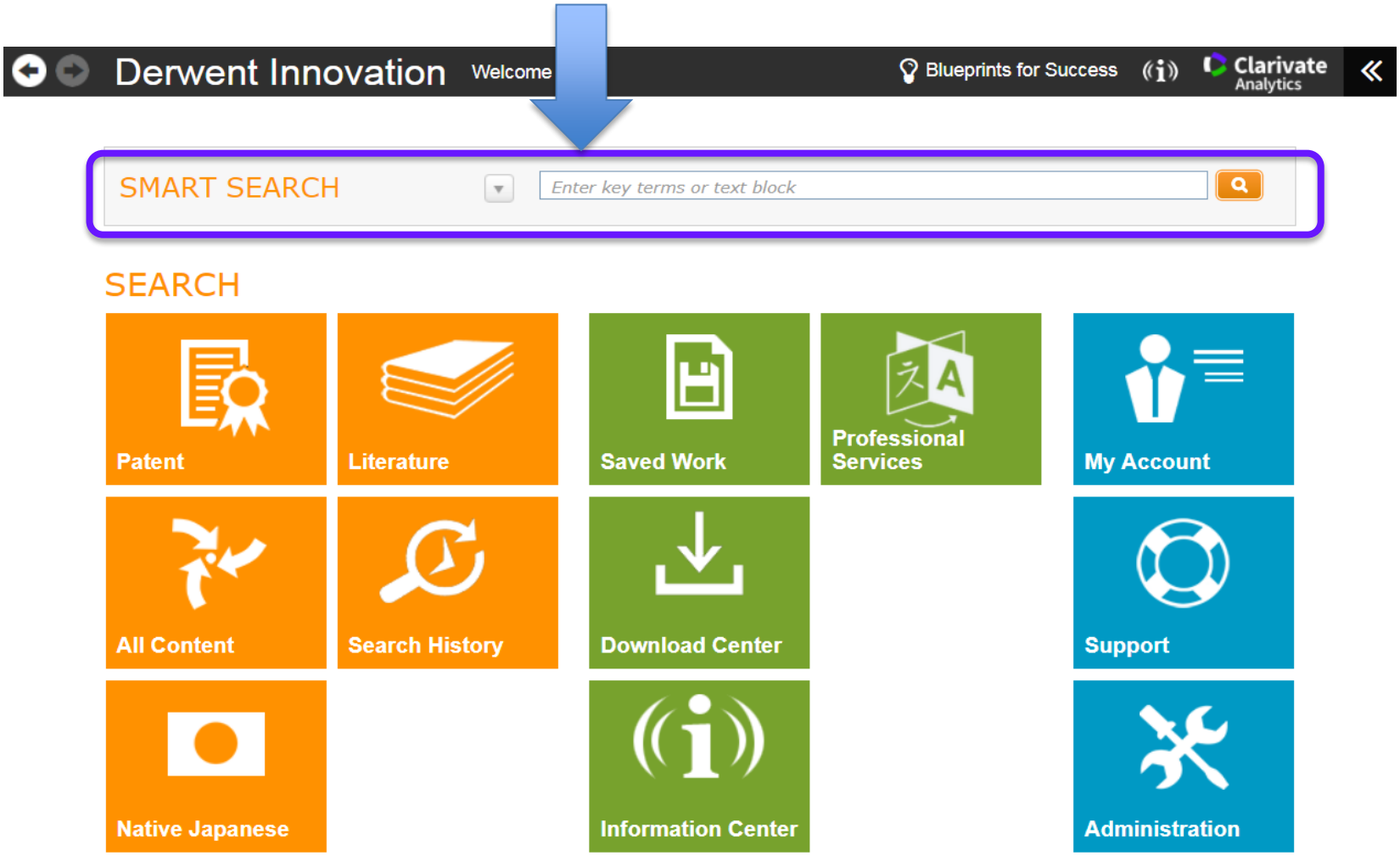
支持IE11及以上版本和火狐、Google Chrome

Clarivate Analytics

快速检索区域

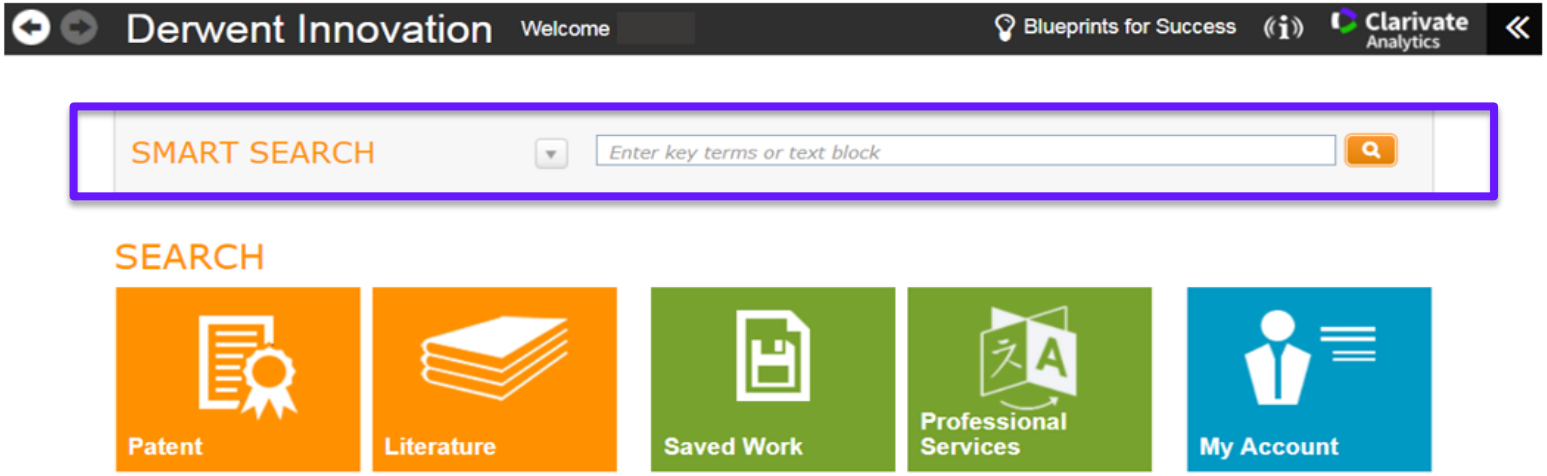
默认设置为智能检索，您可以进行调整

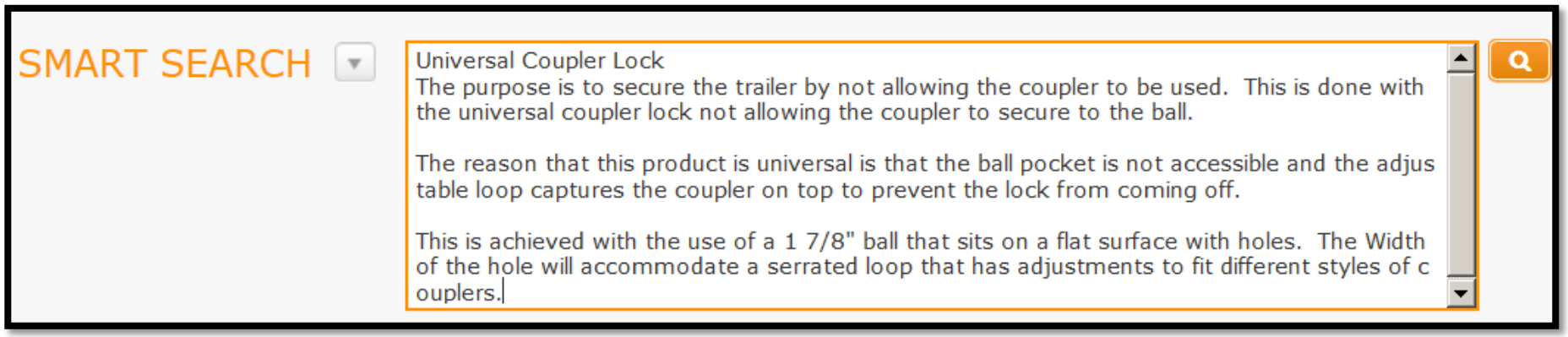


智能检索：

可以将来自专利、论文、产品描述等文件中的内容，或者一个/多个技术词汇直接输入智能检索框

智能检索功能可以进行语义分析并模拟检索专家的检索行为提供最为相关的检索结果



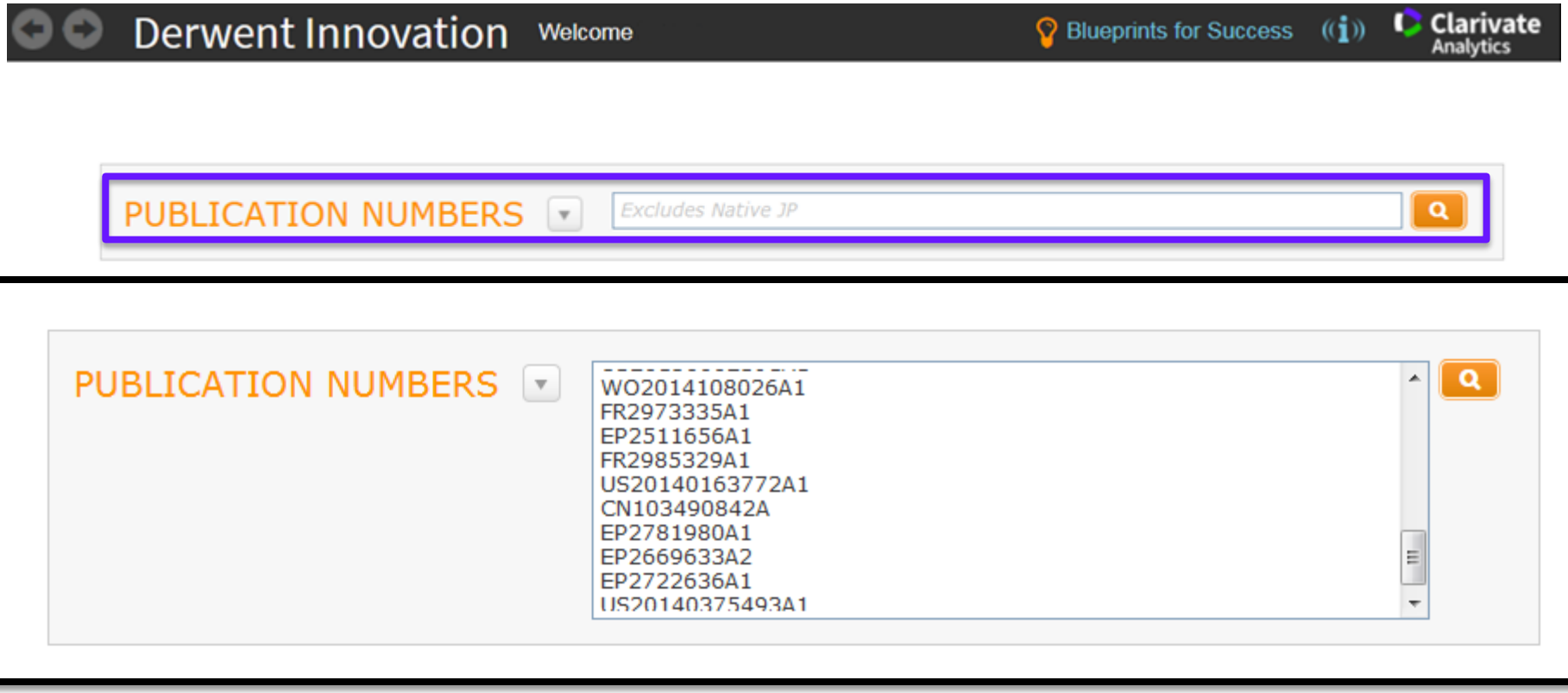


优选使用英文描述

Derwent Innovation
Welcome
Blueprints for Success
Clarivate Analytics
SMART SEARCH
Enter key terms or text block
SEARCH
点击下拉按钮可以切换到公开号检索
Patent
Literature
Saved Work
Professional Services
My Account
SMART SEARCH
SMART SEARCH
PUBLICATION NUMBERS

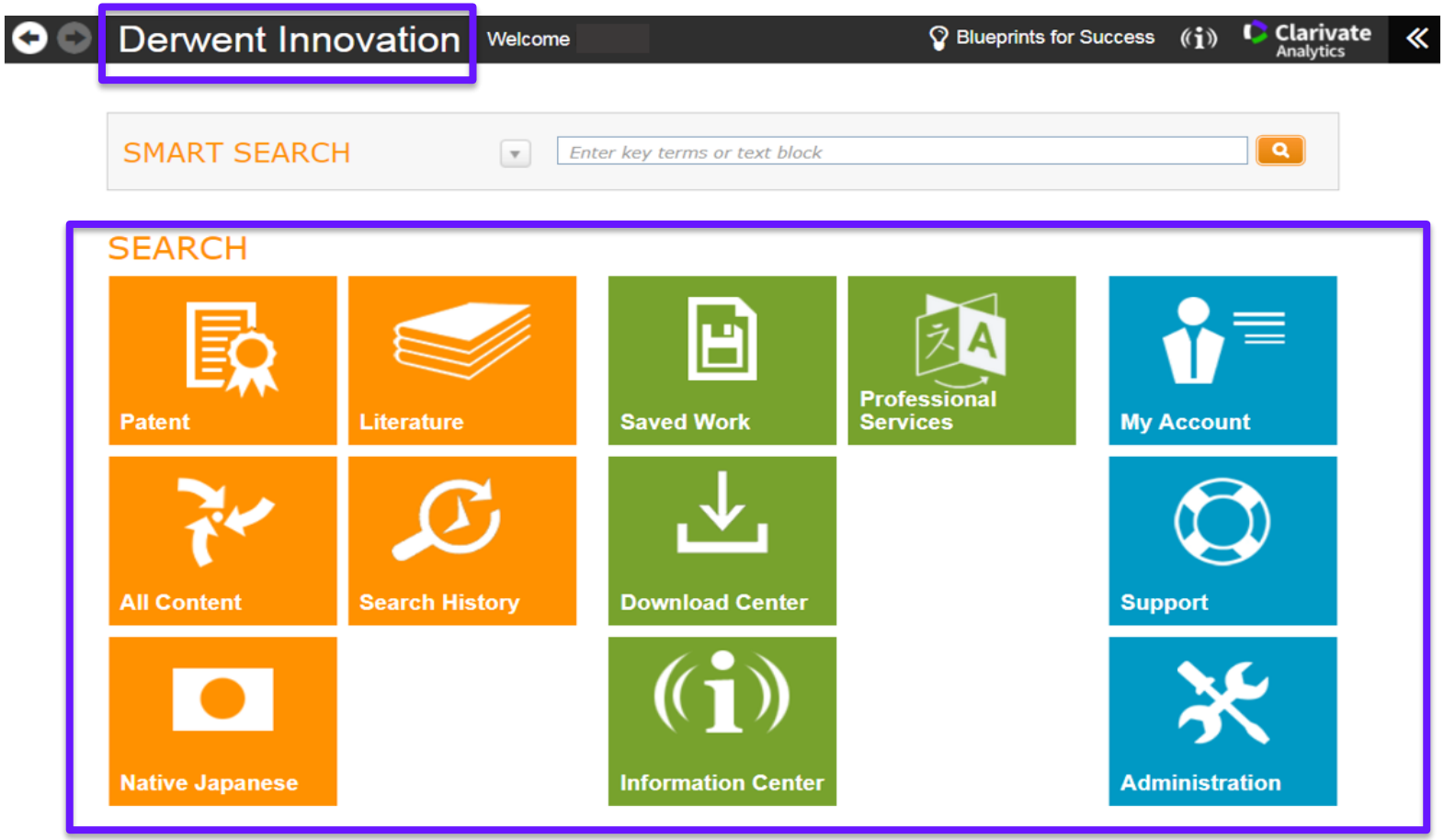
公开号检索：

直接将Excel, word, txt等文档中您记录的大量公开号复制到检索框中
系统可以检索到所有对应的专利，可以用来管理您的专利组合



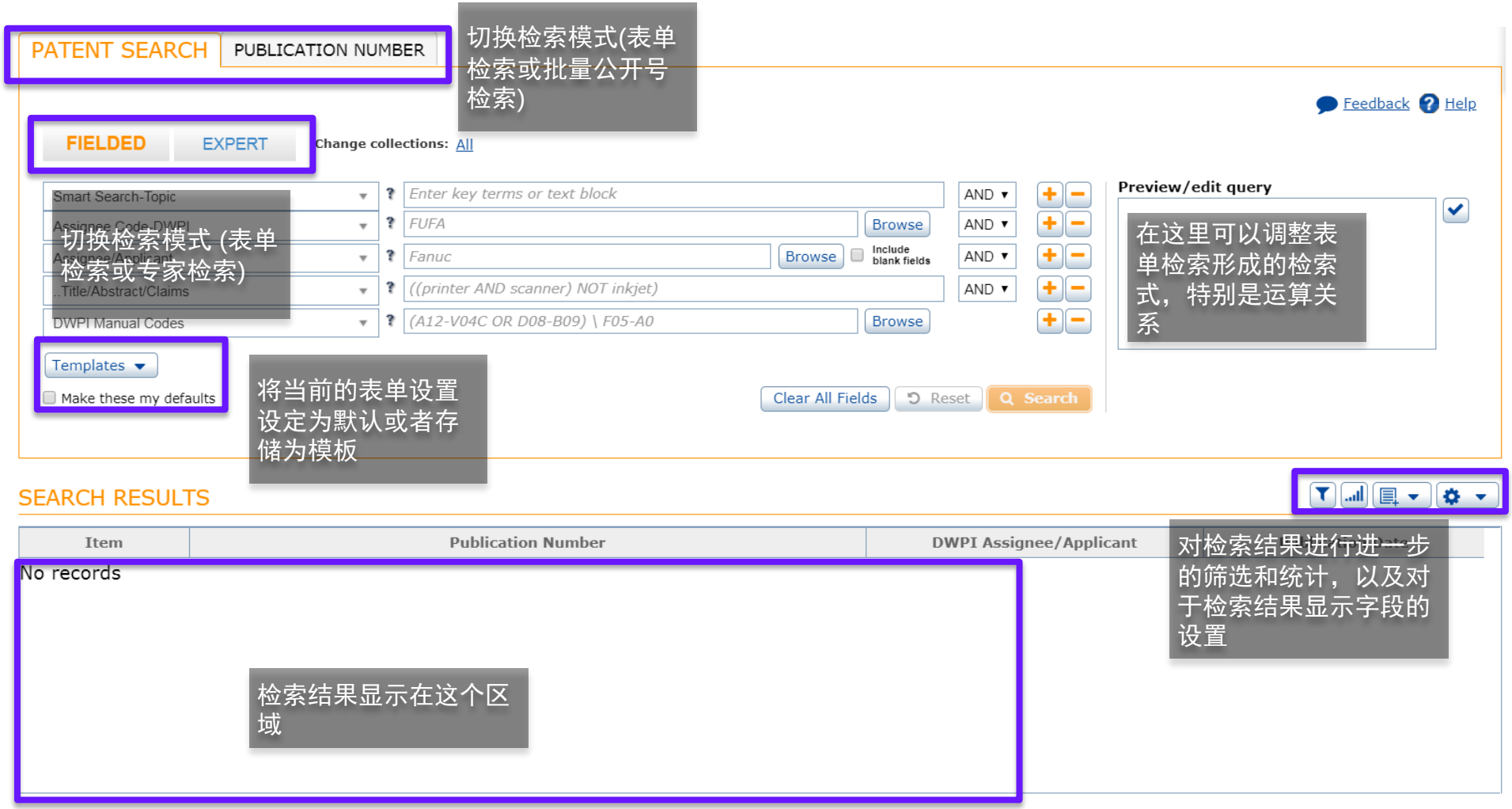
快速检索区域进行的公开号检索需要您将公开号复制进搜索框
若希望用txt文本直接导入公开号，需要从Patent功能块进入

在任何页面点击下框中的 Derwent Innovation可以回到本页面



从本页的这些功能块可以直接进入对应的功能

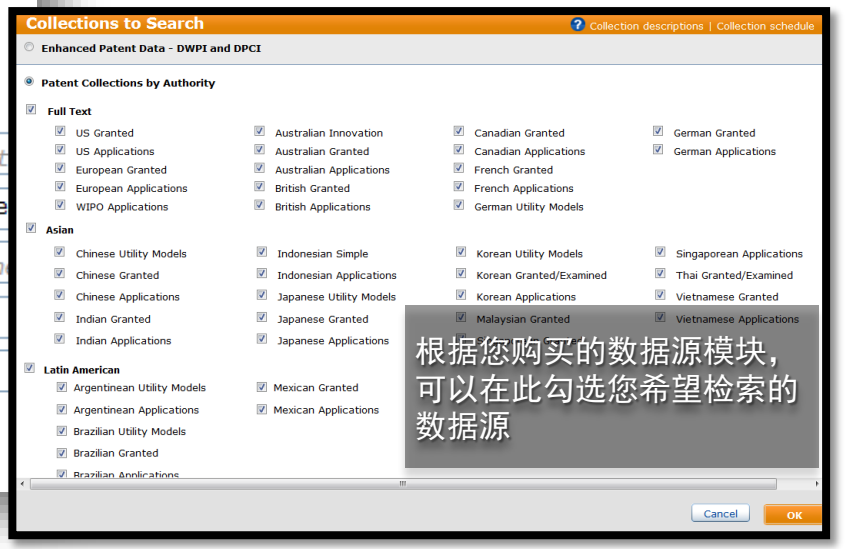
Derwent Innovation
Welcome
Blueprints for Success
Clarivate Analytics
SMART SEARCH
Enter key terms or text block
SEARCH
全面的专利检索功能
您保存的工作
使用偏好等系统设置
Patent
Literature
Saved Work
Professional Services
My Account
All Content
Search History
Download Center
检索式历史
Native Japanese
Information Center
温馨提示：
检索结果的显示、惯用检索字段、结果导出的字段等都能在My Account中进行预设并能够随时调整。建议您第一次开始工作前对您的使用偏好进行个性化设定。


PATENT SEARCH
PUBLICATION NUMBER
切换检索模式(表单检索或批量公开号检索)
Feedback
Help
FIELDED
EXPERT
Change collections: All
切换检索模式 (表单检索或专家检索)
Smart Search-Topic
Enter key terms or text block
AND
Assignee Code-DWPI
FUFA
Browse
AND
Assignee/Applicant
Fanuc
Browse
Include blank fields
AND
Title/Abstract/Claims
((printer AND scanner) NOT inkjet)
AND
DWPI Manual Codes
(A12-V04C OR D08-B09) \ F05-A0
Browse
Preview/edit query
在这里可以调整表单检索形成的检索式，特别是运算关系
Templates
Make these my defaults
将当前的表单设置设定为默认或者存储为模板
Clear All Fields
Reset
Search
SEARCH RESULTS
Item
Publication Number
DWPI Assignee/Applicant
No records
检索结果显示在这个区域
对检索结果进行进一步的筛选和统计，以及对于检索结果显示字段的设置

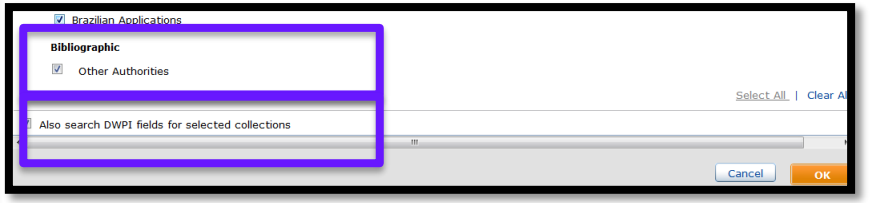
数据源的选择

温馨提示

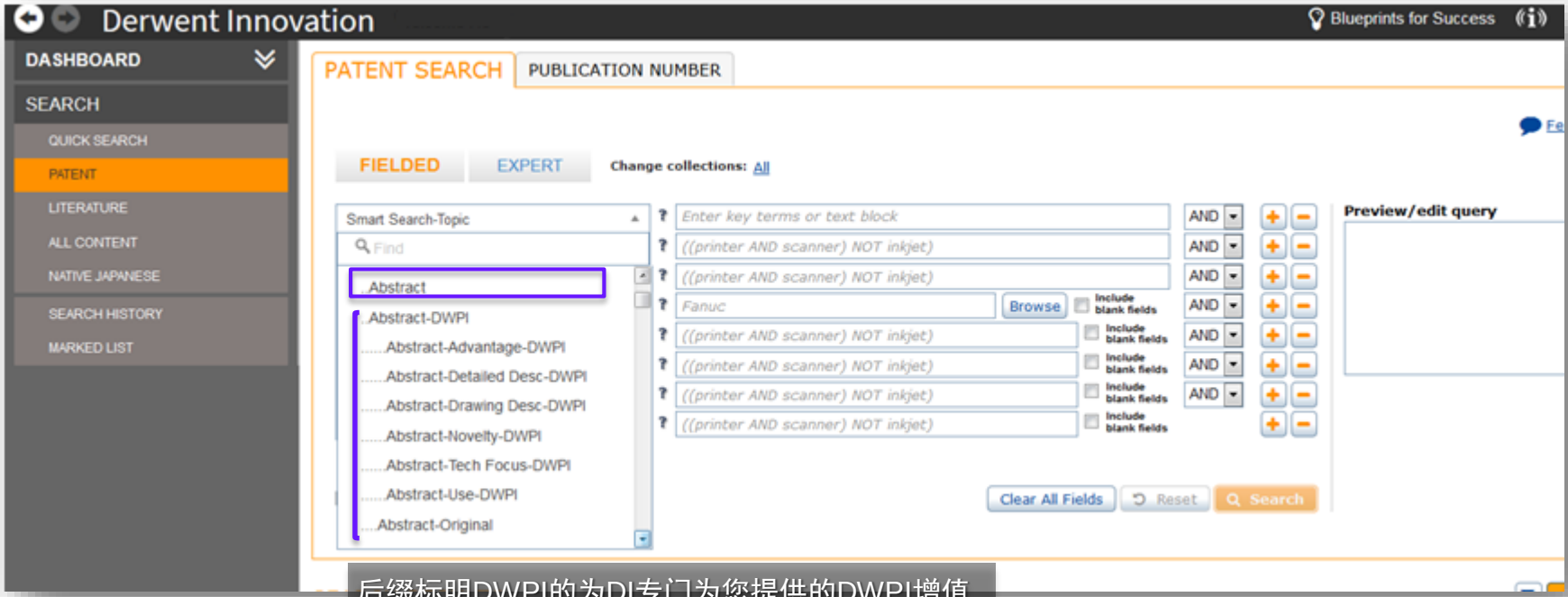
请首先选择您希望检索的数据源，若默认设置为仅检索核心数据源，无论您的检索式如何设置，亚洲和拉丁美洲的专利数据都无法被涵盖



请注意勾选Bibliographic下的Other Authorities，包含了INPADOC数据，超过90个国家地区



请确认Also Search DWPI fields被选中，这样您才能够使用已购买的DWPI增值数据模块

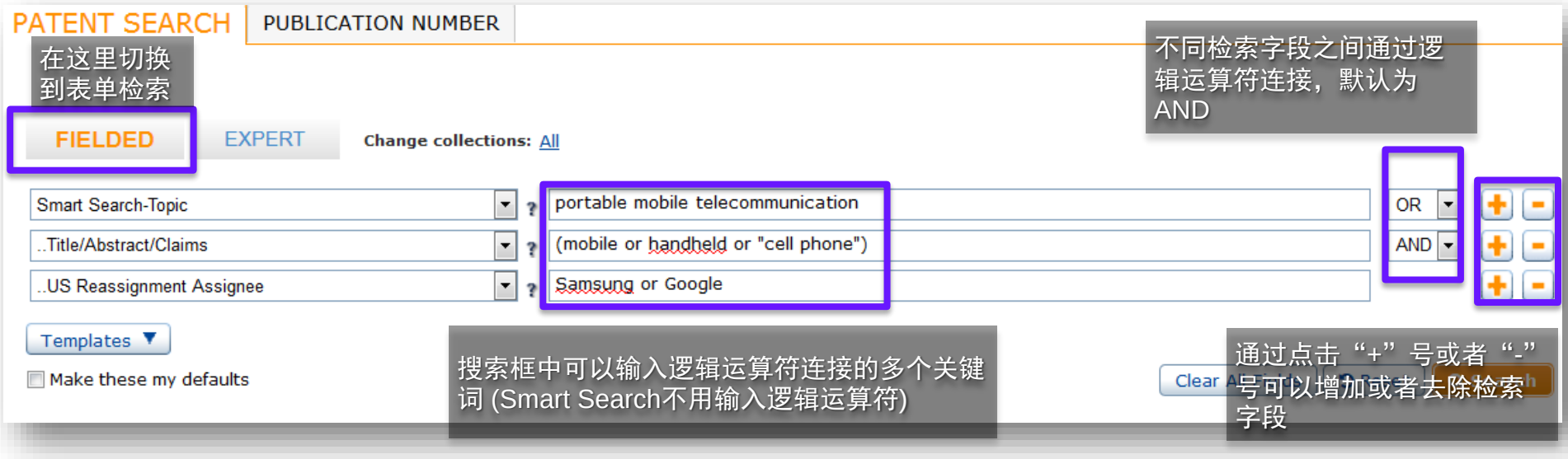


后缀标明DWPI的为DI专门为您提供的DWPI增值数据，后缀标明Original的为专利授权机构公开的原始数据，后缀没有标明DWPI或者Original的为同时包含两者

表单检索

表单检索(FIELDED)

在您选定的检索项后面的搜索框中输入关键词进行检索

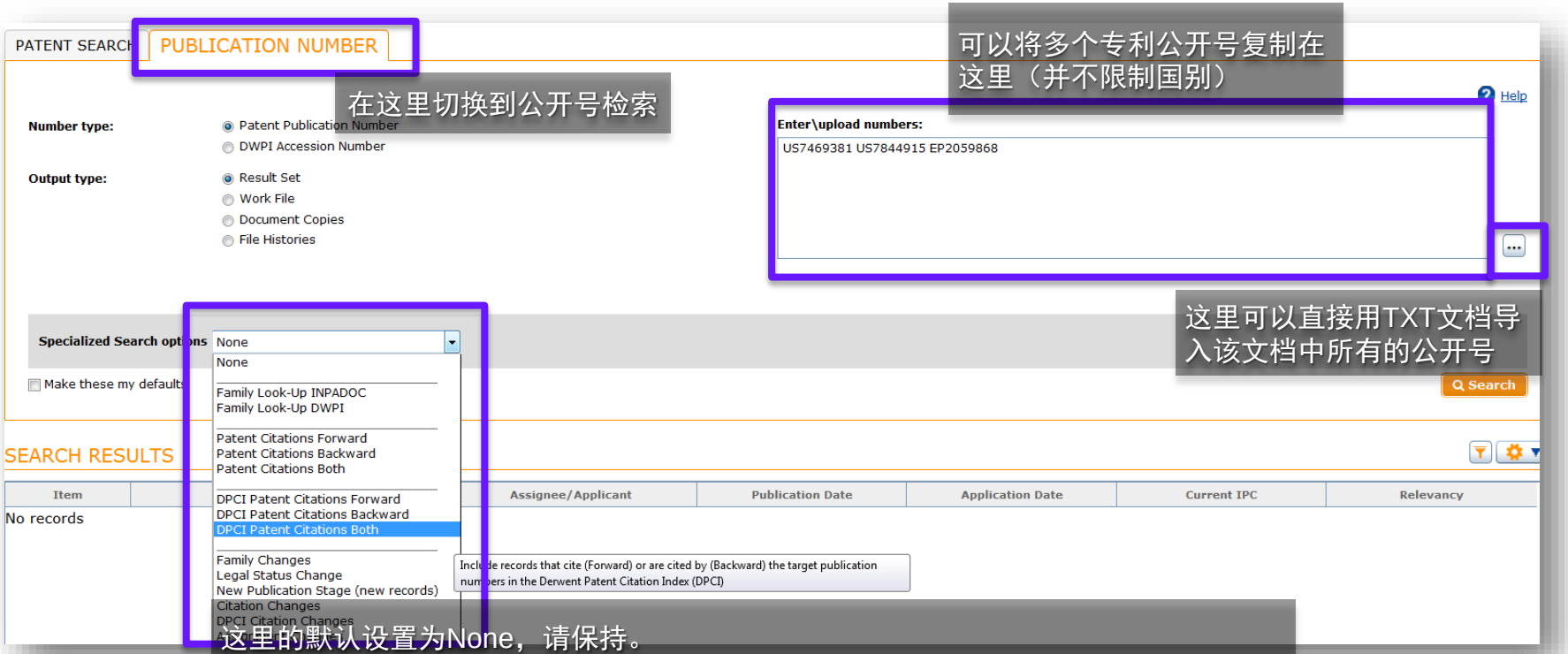


公开号检索

专利公开号检索

可以一次性检索大量的专利

既可以用于分析竞争对手的专利组合，也可以用于管理自己的专利组合



这里的默认设置为None，请保持。

如果您有特殊的检索需求，可以选择其他项目。

示例1，以您输入的公开号对应的专利集合为目标集合，您希望得到引用了目标集合中任一项的专利以及目标集合中任一项所引用的专利，可以进行如图示的选择。

示例2，选择“Family Change”可以检索目标集合中专利家族有变化的专利

专家检索

专家检索 (Expert search)

可以手动编辑检索式，专家检索模式中可用的检索字段更多，
并且为用户提供关于字段和逻辑运算符的详细说明以帮助用户更好地编辑检索式

智能检索
Smart Search

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智能检索能够快速便捷地将来自不同类型文档的技术描述转换为专利检索

智能检索

可以直接在快速检索
页面进行智能检索
Derwent Innovation
Blueprints for Success
Clarivate Analytics
SMART SEARCH
Enter key terms or text block
SEARCH
Patent
Literature
Saved Work
Professional Services
My Account
All Content
Search History
Download Center
Support
Native Japanese
Information Center
Administration

智能检索

Derwent Innovation
Blueprints for Success
Clarivate Analytics
PATENT SEARCH
PUBLICATION NUMBER
表单检索页面也设置有智能检索栏
Feedback
Help
FIELDED
EXPERT
Change collections: All
Smart Search-Topic
Enter key terms or text block
AND
Title/Abstract/Claims
((printer AND scanner) NOT inkjet)
Abstract-Novelty-DWPI
Abstract-Use-DWPI
Abstract-Tech Focus-DWPI
Include blank fields
Preview/edit query
Templates
Make these my defaults
Clear All Fields
Reset
Search
SEARCH RESULTS

智能检索示例

What is some of the best free and paid auto captioning (speech-to-text) software for video?

8 Answers

This allows content owners to upload videos and select a language, either on a channel basis or on a per video basis. then takes around the length of the video, so a ten minute video would take ten minutes to caption.

Here is a link to an article on Converting Speech to Text to generate captions. It mentions the supported languages right now and also the workflow
use.

How it works

IBM Watson uses machine intelligence to transcribe speech accurately through combining information about grammar and language structure with knowledge about the composition of the audio signal. As the transcription process is underway, Watson will continue to learn as more of the speech is heard, providing additional context. Through this process, it will apply this added knowledge retroactively, so if clarity to an earlier statement is introduced toward the end of the speech Watson will go back and update the earlier part to maintain accuracy.

看到关于一个问题的讨论

对这个回答产生了兴趣

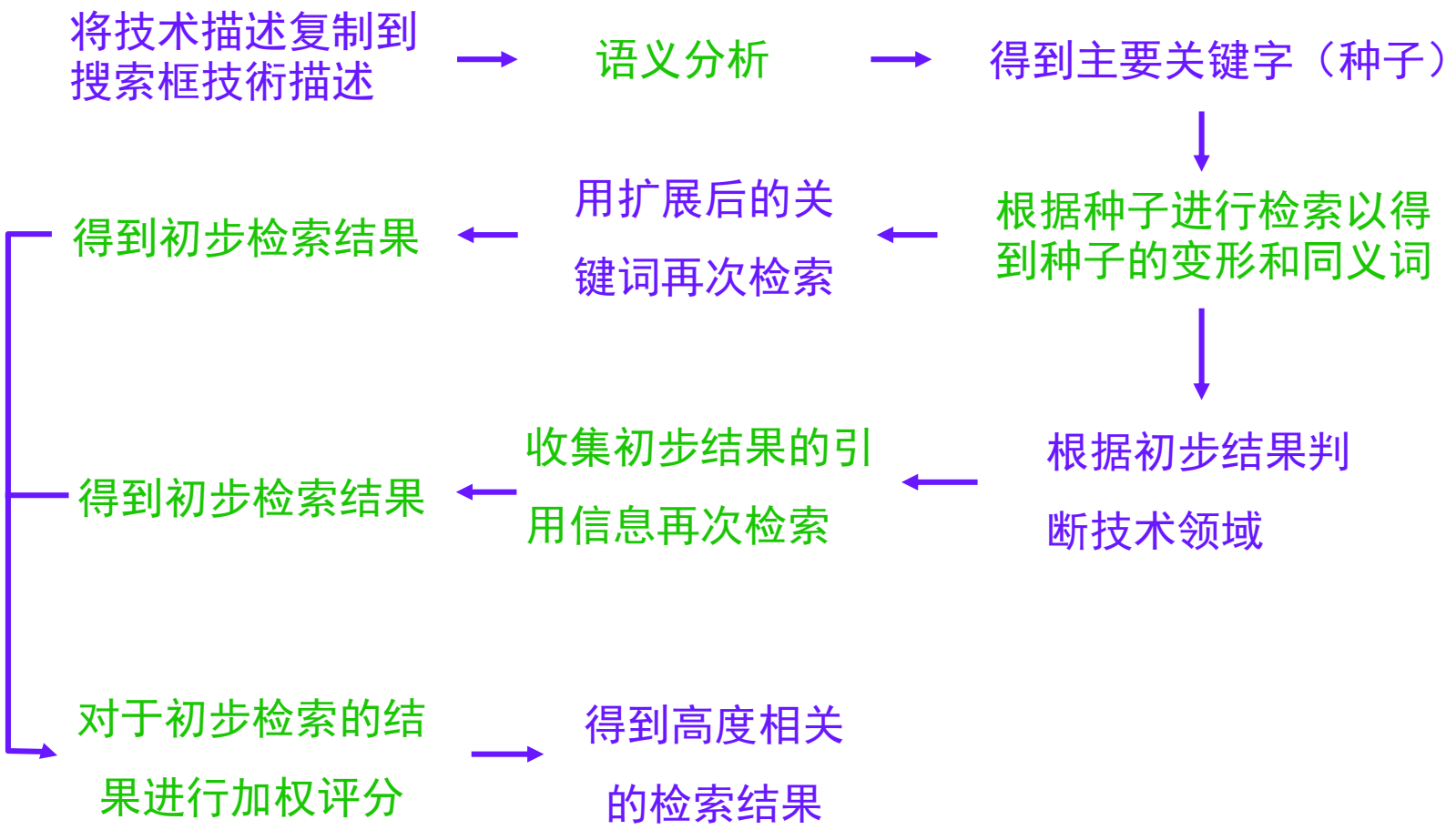
通过提供的链接找到了具体技术描述

直接复制技术描述的内容

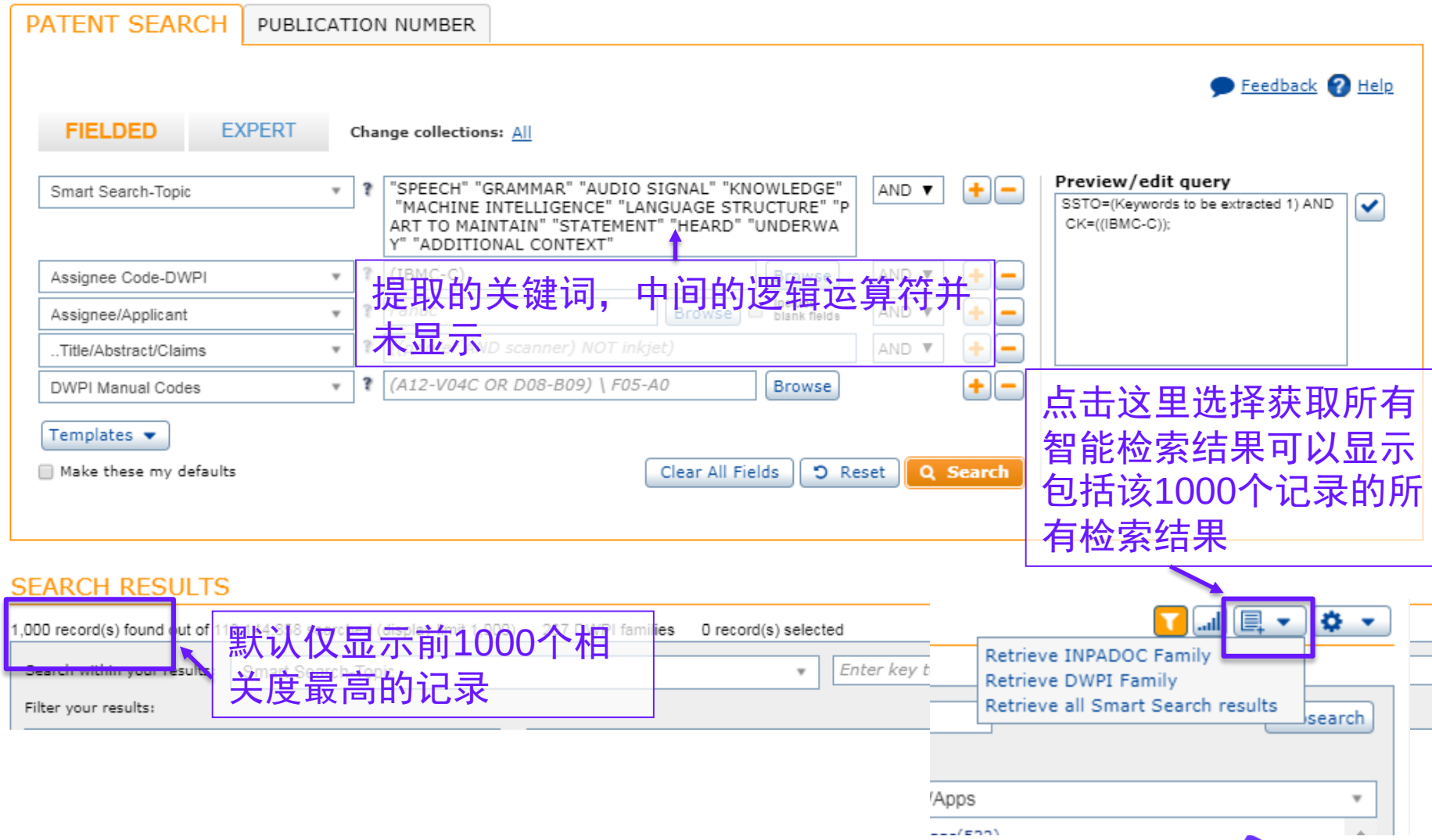
智能检索示例

PATENT SEARCH
PUBLICATION NUMBER
Feedback
Help
FIELDED
EXPERT
Change collections: All
Smart Search-Topic
uses machine intelligence to transcribe speech accurately through combining information about grammar and language structure with knowledge about the composition of the audio signal. As the transcription process is underway, will continue to learn as more of the speech is heard, providing additional context. Through this process, it will apply this added knowledge retroactively, so if clarity to an earlier statement is introduced toward the end of the speech will go back and update the earlier part to maintain accuracy
AND
Preview/edit query
SSTO=(Keywords to be extracted 1) AND CK=((IBMC-C));
Assignee Code-DWPI
(IBMC-C)
Assignee/Applicant
Fanuc
Include blank fields
..Title/Abstract/Claims
((printer AND scanner) NOT inkjet)
DWPI Manual Codes
Templates
Make these my defaults
Clear All Fields
Reset
Search
将复制的技术内容直接粘贴在检索框内
为了更加高效，将品牌名称从内容中移除，作为权利人进行检索

智能检索逻辑-模拟专家检索行为



智能检索

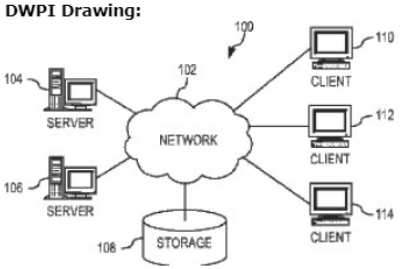

PATENT SEARCH
PUBLICATION NUMBER
Feedback
Help
FIELDED
EXPERT
Change collections: All
Smart Search-Topic
"SPEECH" "GRAMMAR" "AUDIO SIGNAL" "KNOWLEDGE" "MACHINE INTELLIGENCE" "LANGUAGE STRUCTURE" "PART TO MAINTAIN" "STATEMENT" "HEARD" "UNDERWAY" "ADDITIONAL CONTEXT"
AND
Preview/edit query
SSTO=(Keywords to be extracted 1) AND CK=((IBMC-C));
Assignee Code-DWPI
Assignee/Applicant
..Title/Abstract/Claims
DWPI Manual Codes
(A12-V04C OR D08-B09) \ F05-A0
Browse
Templates
Make these my defaults
Clear All Fields
Reset
Search
提取的关键词，中间的逻辑运算符并未显示
点击这里选择获取所有智能检索结果可以显示包括该1000个记录的所有检索结果
SEARCH RESULTS
1,000 record(s) found
0 record(s) selected
默认仅显示前1000个相关度最高的记录
Filter your results:
Retrieve INPADOC Family
Retrieve DWPI Family
Retrieve all Smart Search results

智能检索

Displaying 1 - 50 of 267 | 1 2 3 4 5 | Page 1 of 6 | Go to page: Go | Display 50 records per page

	Item	Publication Number	DWPI Assignee/Applicant	Publication Date	Relevancy
	1	US8983836B2	IBM JAPAN LTD	2015-03-17	90

DWPI Drawing:



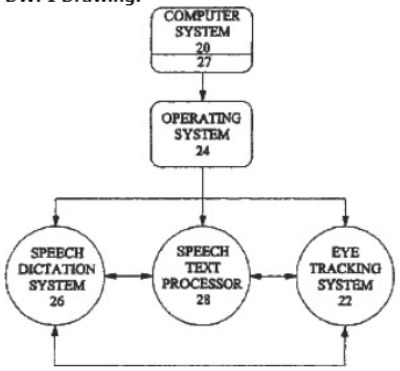
DWPI Title: Method for performing dynamic automatic speech recognition on portion of multimedia content in data processing system, segmenting multimedia content into segment, and performing automatic speech recognition operations on audio track

Abstract: Mechanisms for performing dynamic automatic speech recognition on a portion of multimedia content are provided. Multimedia content is segmented into homogeneous segments of content with regard to speakers and background sounds. For the at least one segment, a speaker providing speech in an audio track of the at least one segment is identified using information retrieved from a social network service source. A speech profile for the speaker is generated using information retrieved from the social network service source, an acoustic profile for the segment is generated based on the generated speech profile, and an automatic speech recognition engine is dynamically configured for operation on the at least one segment based on the acoustic profile. Automatic speech recognition operations are performed on the audio track of the at least one segment to generate a textual representation of speech content in the audio track corresponding to the speaker

这里表示相关度

	2	CN1205602C	IBM CORP	2005-06-08	90

DWPI Drawing:

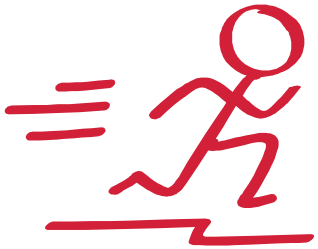


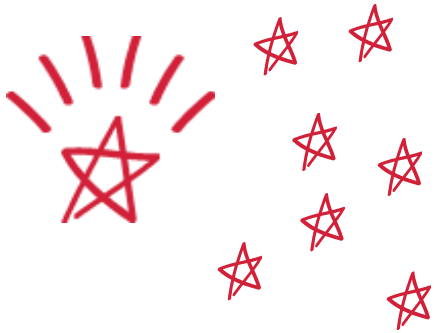
DWPI Title: Matching text in an electronic document e.g. for speech recognition systems, includes identifying a focus point in a user interface and defining a surrounding region about the focus point

Abstract: A method for discriminating between an instance of a voice command and an instance of speech dictation can include identifying a focus point in a user interface; defining a surrounding region about the focus point; identifying user interface objets in the surrounding region; further identifying among the identified user interface objects those user interface objects which are configured to accept speech dictated text and those user interface objects which are not configured to accept speech dictated text; computing a probability based upon those user interface objects which have been further identified as being configured to accept speech dictated text and those user interface objets which have been further identified as not being configured to accept speech dictated text; receiving speech input; and, biasing a determination of whether the speech input is a voice command or speech dictation based upon the computed probability. Additionally, the method can include identifying a focus point outside of the user interface; and, biasing a determination of whether the speech input is a voice command or speech dictation based upon a default probability

浏览完相关专利后，还可以去掉检索式中对于权利人的限制，
这样就可以看到这个技术点上，还有哪些其他权利人

智能检索





帮助您迅速找到相关度最高的前1000件專利

备注: 智能检索更适合用于迅速找到相关目标的场景，例如可以作为发明评审中的查新手段，或者也可以作为快速了解某一技术描述是否存在相关专利保护，还可以用于快速查找相关专利的线索。

若希望检索全面并且特别精准，推荐采用通常的表单检索或专家检索。

查看检索结果

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检索结果数量显示

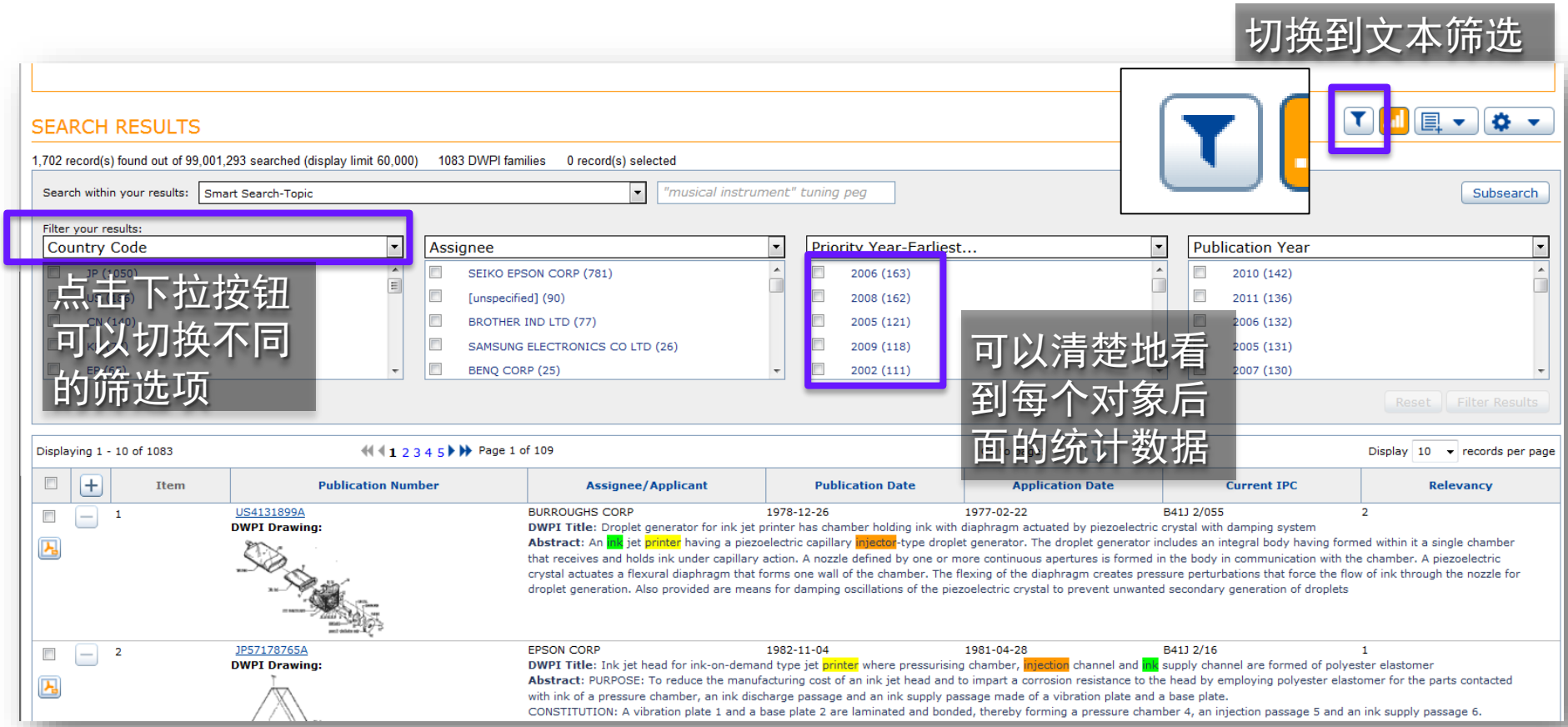
若选择按照专利家族折叠检索结果，这里可以对家族成员展开显示

温馨提示

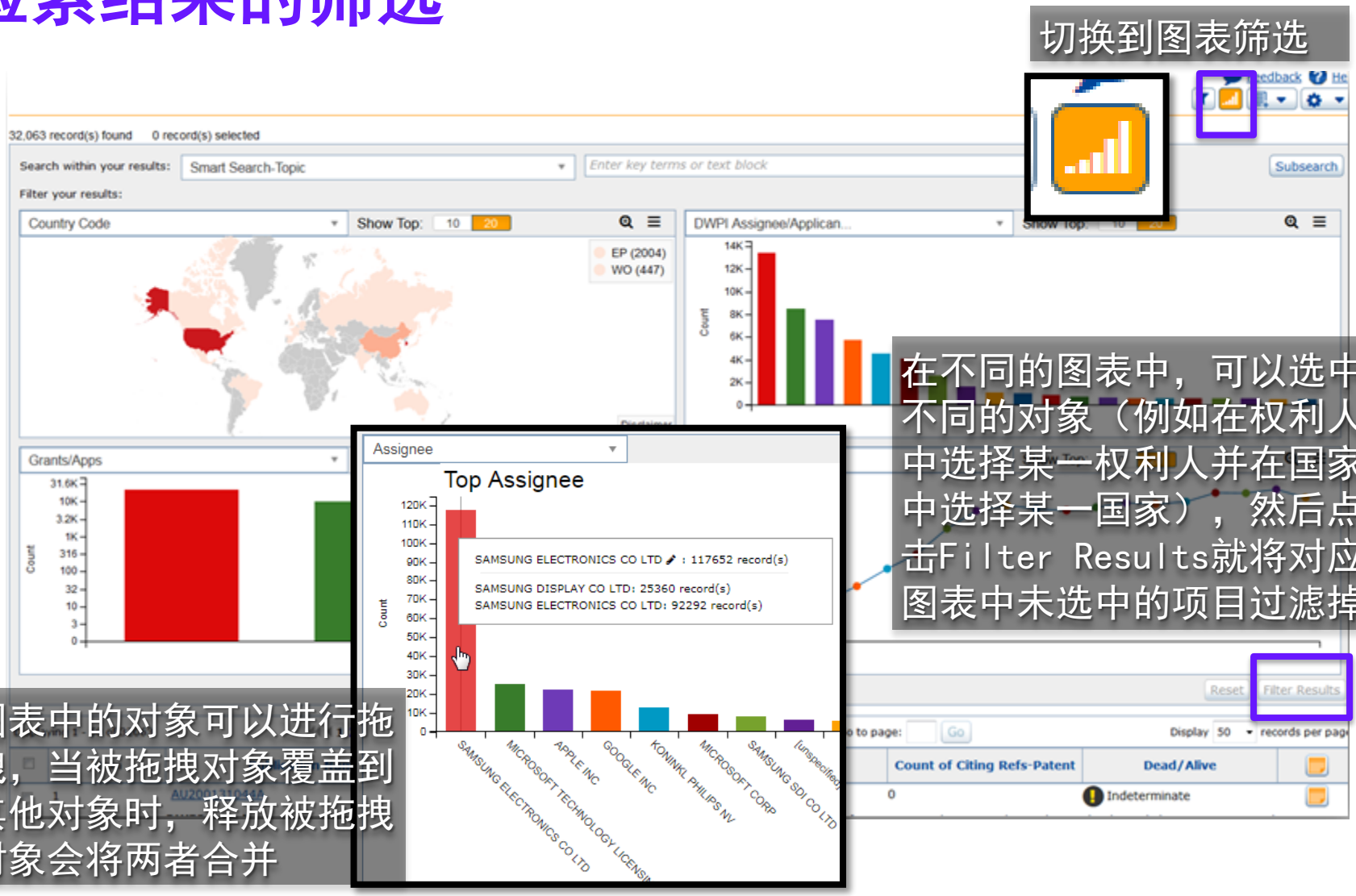
检索结果的单词显示具有最高限制（一百万个记录），但是检索结果并不受限。

如果需要显示超过一百万个记录，需要通过切分时间段或者划分地域等手段进行显示。

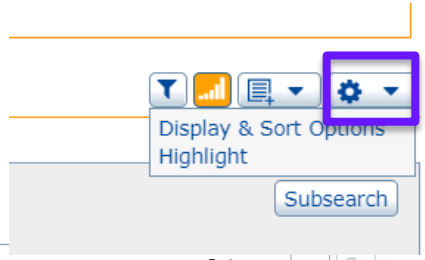
检索结果的筛选


切换到文本筛选
SEARCH RESULTS
1,702 record(s) found out of 99,001,293 searched (display limit 60,000) 1083 DWPI families 0 record(s) selected
Search within your results: Smart Search-Topic
"musical instrument" tuning peg
Subsearch
Filter your results:
Country Code
Assignee
SEIKO EPSON CORP (781)
[unspecified] (90)
BROTHER IND LTD (77)
SAMSUNG ELECTRONICS CO LTD (26)
BENQ CORP (25)
Priority Year-Earliest...
2006 (163)
2008 (162)
2005 (121)
2009 (118)
2002 (111)
Publication Year
2010 (142)
2011 (136)
2006 (132)
2005 (131)
2007 (130)
Reset
Filter Results
点击下拉按钮可以切换不同的筛选项
可以清楚地看到每个对象后面的统计数据
Displaying 1 - 10 of 1083
1 2 3 4 5 Page 1 of 109
Display 10 records per page
Item
Publication Number
Assignee/Applicant
Publication Date
Application Date
Current IPC
Relevancy
1
US4131899A
DWPI Drawing:
BURROUGHS CORP
1978-12-26
1977-02-22
B41J 2/055
2
DWPI Title: Droplet generator for ink jet printer has chamber holding ink with diaphragm actuated by piezoelectric crystal with damping system
Abstract: An ink jet printer having a piezoelectric capillary injector-type droplet generator. The droplet generator includes an integral body having formed within it a single chamber that receives and holds ink under capillary action. A nozzle defined by one or more continuous apertures is formed in the body in communication with the chamber. A piezoelectric crystal actuates a flexural diaphragm that forms one wall of the chamber. The flexing of the diaphragm creates pressure perturbations that force the flow of ink through the nozzle for droplet generation. Also provided are means for damping oscillations of the piezoelectric crystal to prevent unwanted secondary generation of droplets
2
JP57178765A
DWPI Drawing:
EPSON CORP
1982-11-04
1981-04-28
B41J 2/16
1
DWPI Title: Ink jet head for ink-on-demand type jet printer where pressurising chamber, injection channel and ink supply channel are formed of polyester elastomer
Abstract: PURPOSE: To reduce the manufacturing cost of an ink jet head and to impart a corrosion resistance to the head by employing polyester elastomer for the parts contacted with ink of a pressure chamber, an ink discharge passage and an ink supply passage made of a vibration plate and a base plate.
CONSTITUTION: A vibration plate 1 and a base plate 2 are laminated and bonded, thereby forming a pressure chamber 4, an injection passage 5 and an ink supply passage 6.

检索结果的筛选


切换到图表筛选
32,063 record(s) found
0 record(s) selected
Search within your results:
Smart Search-Topic
Enter key terms or text block
Subsearch
Filter your results:
Country Code
Show Top:
10
20
EP (2004)
WO (447)
DWPI Assignee/Applican...
Count
Grants/Apps
Assignee
Top Assignee
SAMSUNG ELECTRONICS CO LTD : 117652 record(s)
SAMSUNG DISPLAY CO LTD: 25360 record(s)
SAMSUNG ELECTRONICS CO LTD: 92292 record(s)
SAMSUNG ELECTRONICS CO LTD
MICROSOFT TECHNOLOGY LICENSI
APPLE INC
GOOGLE INC
KONINKL PHILIPS NV
MICROSOFT CORP
SAMSUNG SDI CO LTD
[unspecified]
Reset
Filter Results
Go
Display 50 records per page
Count of Citing Refs-Patent
Dead/Alive
Indeterminate
在不同的图表中，可以选中不同的对象（例如在权利人中选择某一权利人并在国家中选择某一国家），然后点击Filter Results就将对应图表中未选中的项目过滤掉
图表中的对象可以进行拖拽，当被拖拽对象覆盖到其他对象时，释放被拖拽对象会将两者合并

检索结果列表

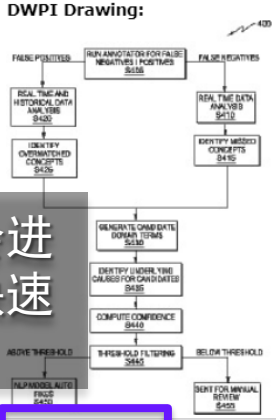


可以点击这个按钮进入Display & Sort Options进行显示字段的设置

Displaying 1 - 500 of 1082 | 1 2 3 | Page 1 of 3 | Go to page: Go | Display 500 records per page

Item	Publication Number	DWPI Assignee/Applicant	Publication Date
1	US9535894B2	INT BUSINESS MACHINES CORP	2017-01-03

DWPI Drawing:

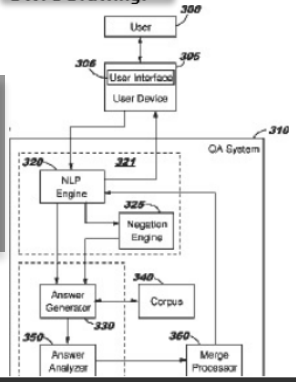


DWPI Title: Method for identifying false positives and false negatives in annotation performed by natural language processing system, involves causing natural language processing annotator to annotate new-corpus for producing new-annotations

Abstract: Machine logic that automatically detects natural language processing (NLP) system annotation errors and correspondingly updates NLP annotators to prevent future erroneous annotations by performing the following steps: (i) determining that a first annotation error has occurred in an annotation of a corpus by the natural language processing system; (ii) generating a candidate set of annotation correction actions, where each annotation correction action of the set is adapted to prevent an occurrence of an error similar to the first annotation error by the natural language processing system; (iii) selecting an annotation correction action from the candidate set of annotation correction actions, based, at least in part, on a set of annotation correction confidence characteristics; and (iv) automatically applying the selected annotation correction action to the natural language processing system

2	US9727552B2	INT BUSINESS MACHINES CORP	2017-08-08

DWPI Drawing:



DWPI Title: Method for providing answer to user query by dialectical model, involves ... ses from natural language processing structures based by evidence, converting answers to natural language, and providing converted answers to user

Abstract: A method, system or computer usable program product for utilizing a dialectical model for providing an answer to a user query including receiving a query from a user; applying NLP to the query to generate a first set of NLP structures; generating a contrary set of NLP structures contrary to the user query; evaluating the first set of NLP structures to identify a first set of evidence; evaluating the contrary set of NLP structures to identify a second set of evidence; evaluating a first set of hypotheses from the first set of NLP structures based by the first and second set of evidence, and a contrary set of hypotheses from the contrary set of NLP structures based by the first and second set of evidence, to determine a set of answers to the user query; and providing the set of answers to the user

可以在My account中设置显示字段

点击公开号会进入该专利的快速浏览界面

如果设置了高亮显示，则关键词会被高亮显示

点击按钮可以查看专利的原始PDF文档

快速浏览界面会显示DWPI信息，帮助您快速掌握专利的重要信息

点击这里可以进入完整浏览界面

Record View: KR2015137067A

Add to Work File ▼ | Mark Record | Watch Record | Download ▼ | Print

QUICK VIEW

Navigate:

Go to FULL VIEW

DWPI Title ?

Spun yarn for forming woven/knitted fabric, comprises cellulosic fibers and flat cross-section polyester fiber having flat shape and containing convex portion on periphery, and has preset deformation degree and flatness

DWPI 标题

Original Title ?

Yarn and woven fabric.

DWPI Abstract ?

DWPI 摘要

Novelty: A spun yarn comprises 20-80 %mass flat multifoliate cross-section polyester fiber and 20-80 %mass cellulosic fibers. The cross-sectional form of flat multifoliate cross-section polyester fiber is flat shape which has a 6 or more convex portions on periphery. The deformation degree, which is ratio (C/D) of the length (C) of line which ties between vertices of convex portion adjacent in largest uneven portion, and perpendicular length (D) taken down from line which ties between vertices of convex portion adjacent in largest uneven portion to bottom point of recessed portion, is 1-5.

Use: Spun yarn is used for forming woven/knitted fabric (claimed). Uses include but are not limited to garments use e.g. inner wear, shirt, underpants, and sports shirt.

Advantage: The spun yarn has excellent water absorption property and quick-drying characteristics, and provides woven fabric having excellent lack-of-hiding prevention property.

First Claim ?

权利要求1

1. The yarn which was the yarn consisting of horizontal mult-comb habit cross section polyester fiber 20~80 mass % and cellulosic fiber 20~80 mass %; it was the flat shape in which the cross section shape of the horizontal mult-comb habit cross section polyester fiber had the convex part more than 6 on the circumference; it had the length dropping the peak-to-peak of the convex part adjacent the length connecting the peak-to-peak of the convex part which was A, and the transverse section maximum width of the horizontal mult-comb habit cross section polyester fiber the transverse section maximum length of the horizontal mult-comb habit cross section polyester fiber adjacent as to B, and the maximum uneven part of the line as to C, and the maximum uneven part in the low point of the recess from the line connected of the repair as D; and is satisfied the CRT curvature defined as the following equation (1) and the degree of non-circular shape defined as the following equation (2).

·CRT curvature (A/B) =2.0~3.0 ...(1)

·Degree of non-circular shape (C/D) =1.0~5.0 ...(2)

(Translation from Thomson Reuters)

DWPI Assignee / Applicant ?

标准化的权利人信息

TORAY IND INC, (TORA-C)

DWPI Inventor ?

标准化的发明人信息

CHIBA M; KASAHARA T; MIYAUCHI S; TANINOMIYA M

Publication Number / Date ?

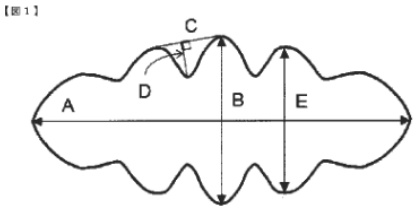
KR2015137067A / 2015-12-08

Application Number / Date ?

KR20157026280A / 2014-02-27

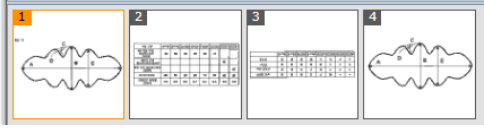
IMAGES

Image 1/4 Zoom (+) Image 2/4 Zoom (+)



사용 섬유	실시예1	실시예2	실시예3	실시예4	비교예1	비교예2	비교예3	비교예4
8엽 편평 단면 폴리에스테르 (질량%)	20	50	80	80	85	15		
3엽(Y) 단면 폴리에스테르(질량%)							80	
원형 단면 폴리에스테르 (질량%)								80
레이온(질량%)	80	50	20	20	15	85	20	20
산화티탄 함유율 (질량%)	0.3	0.3	0.3	0.1	0.3	0.3	0.3	0.3

附图



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多种语言的翻译

在完整浏览界面点击Translate按钮可以将页面中的英文内容翻译为目标语言
目标语言包括中文，此处提供的仅为机器翻译，并未加入人工校对

专利状态预测

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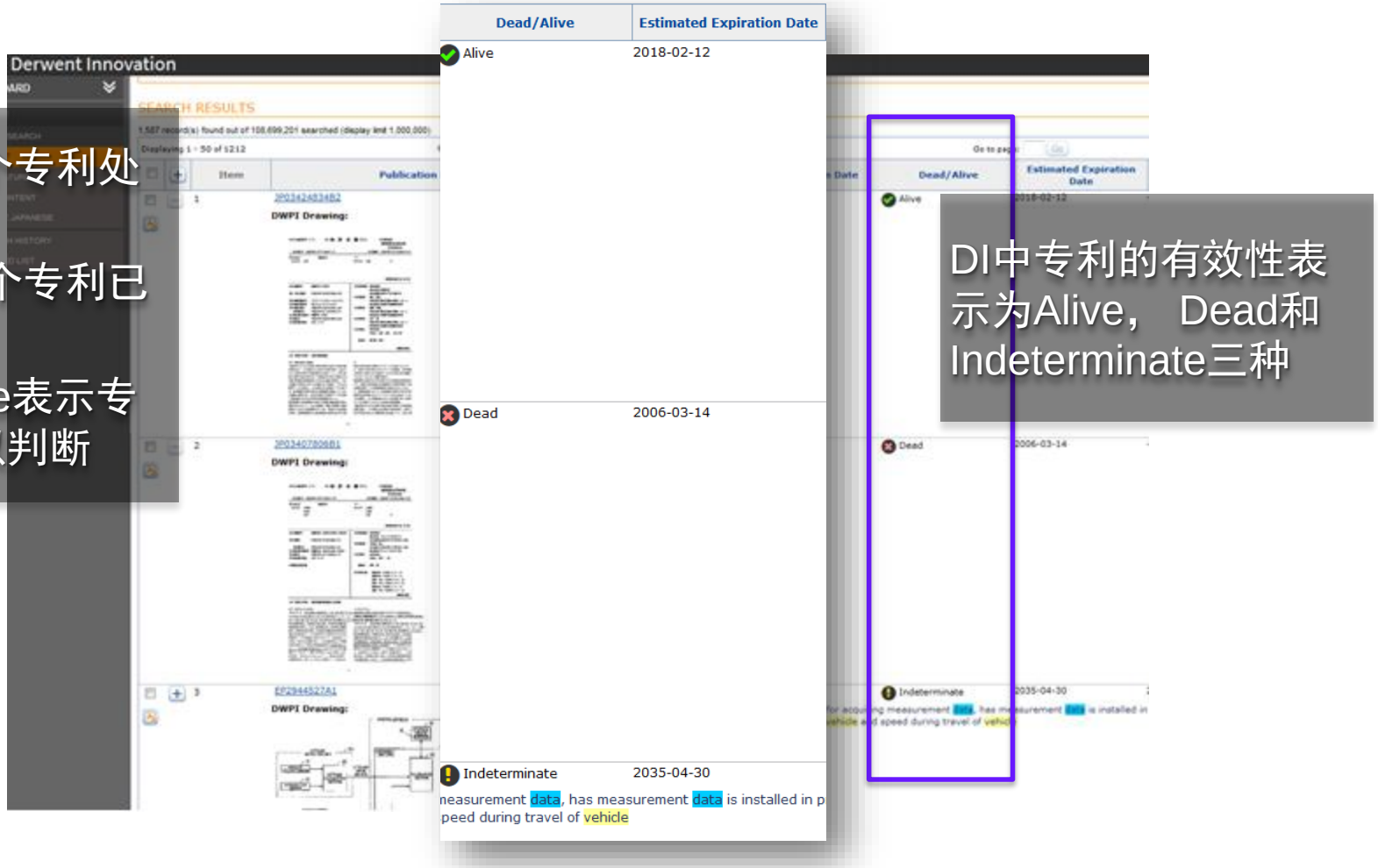
对于专利有效性的判断

Alive表示这个专利处于有效状态

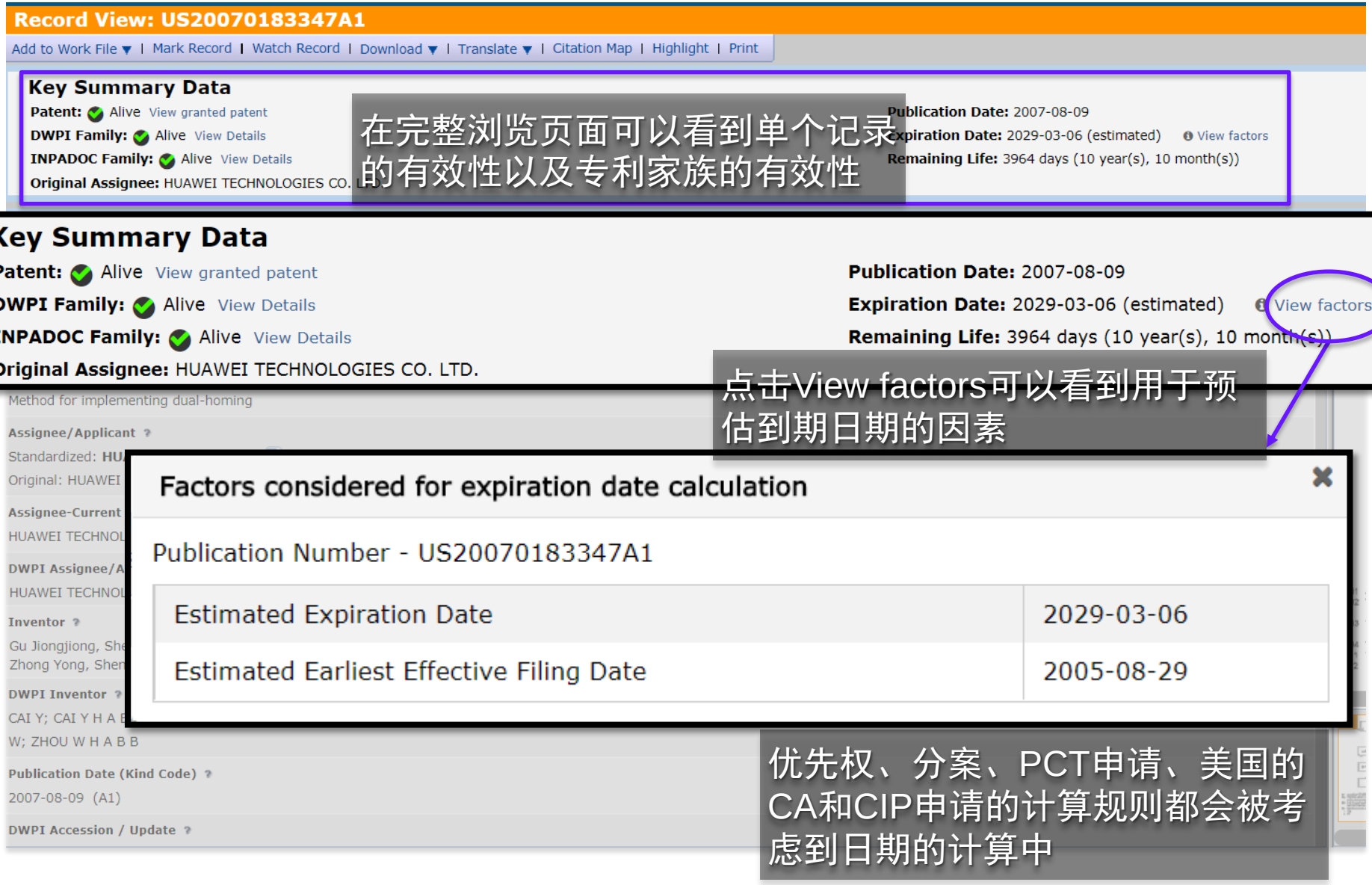
Dead表示这个专利已经失效

Indeterminate表示专利的状态难以判断



DI中专利的有效性表示为Alive， Dead和Indeterminate三种

DI会结合SPC和PTE以及各专利授权机构的有效期计算规则来为您判断该专利的有效性



超过到期日期的专利会被认定为已经失效；未超过到期日期且没有终止专利效力的法律事件发生的专利被认定为有效

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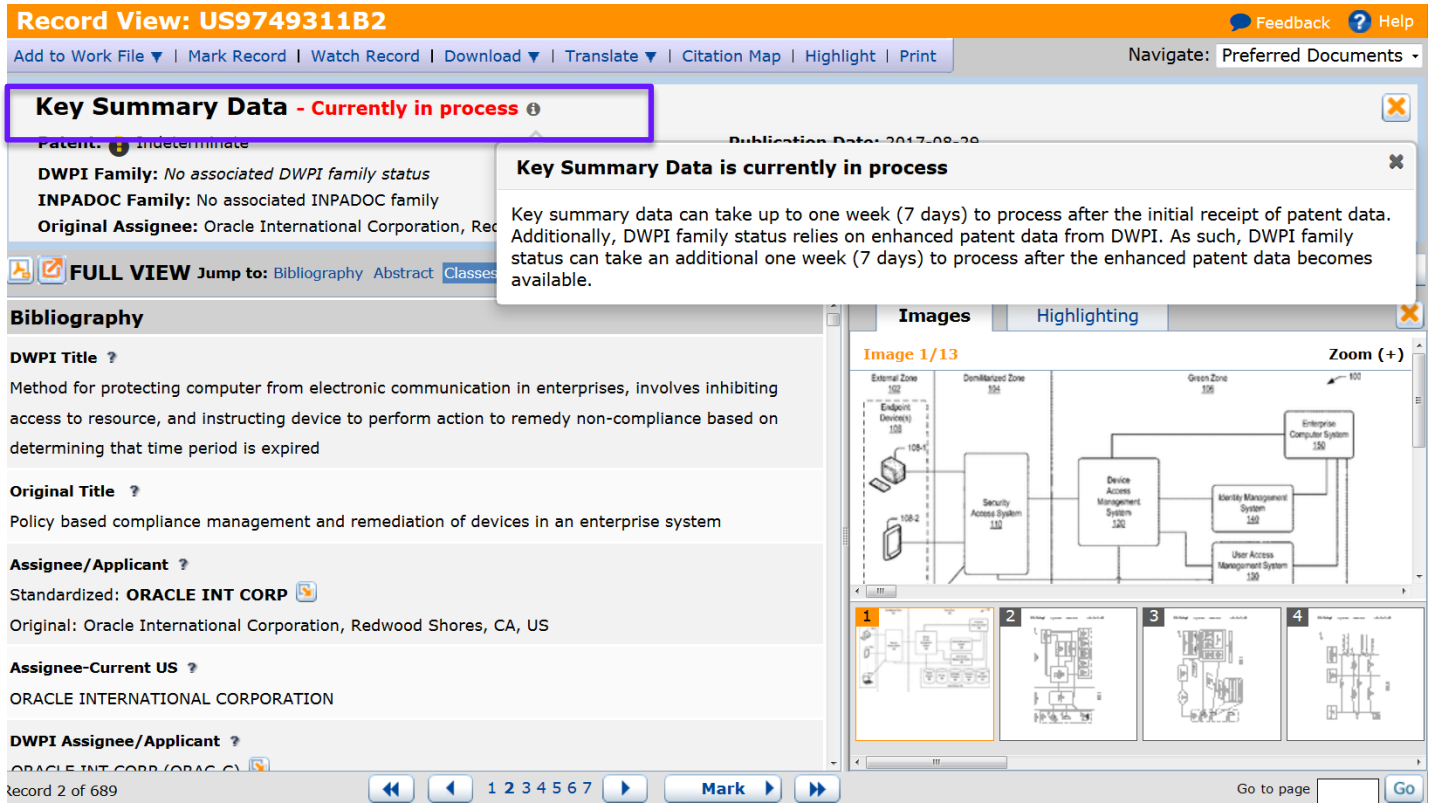
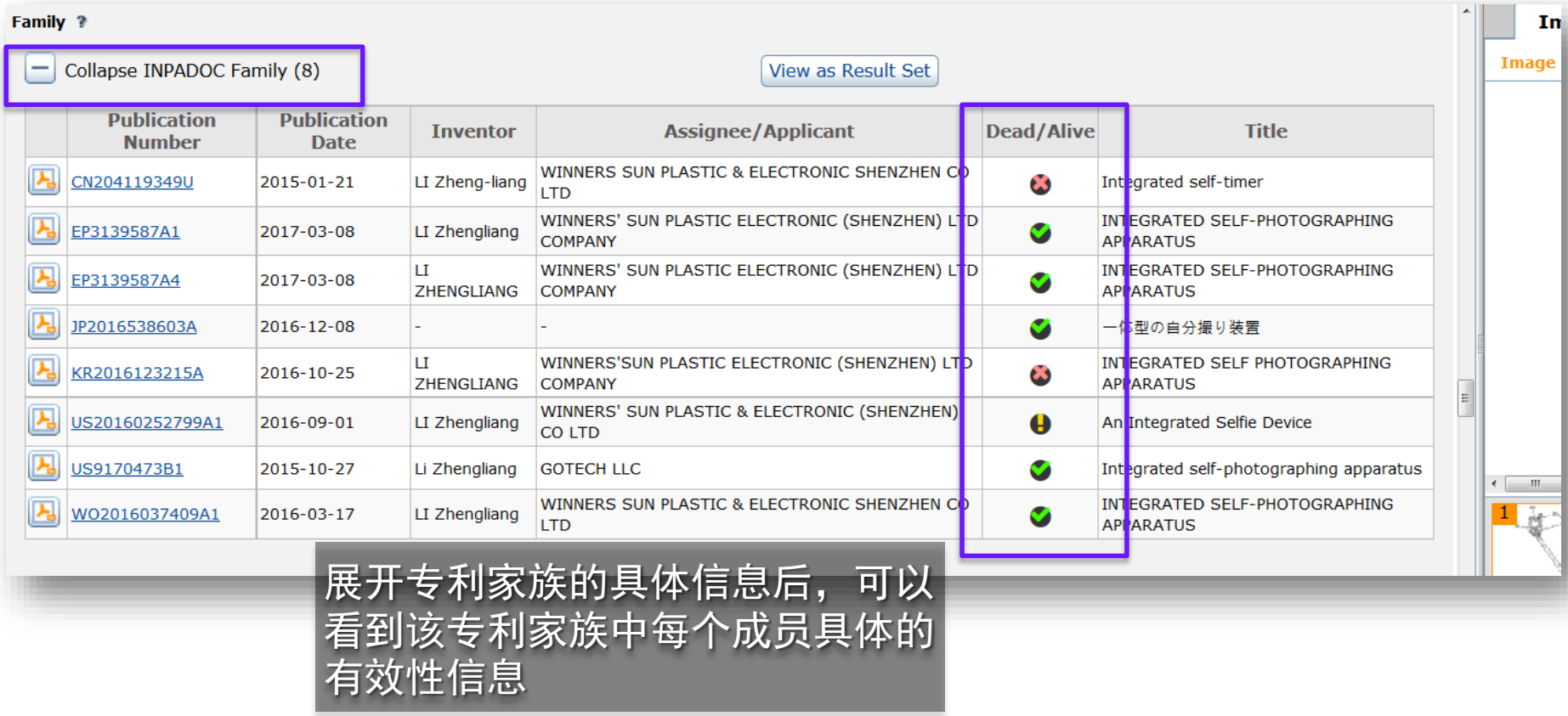
预测数据的更新时间



预测数据依赖于专利授权机构的信息，为了提供更为准确的信息，我们可能需要最多一周的时间来处理来自专利授权机构的信息。对于DWPI增值数据，可能会在提供DWPI增值数据后约一周的时间才能提供DWPI家族有效性的预测数据

专利家族成员的状态信息



展开专利家族的具体信息后，可以看到该专利家族中每个成员具体的有效性信息

检索运算符

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位置运算符

除了提供简单的逻辑运算符(例如“AND”、“OR”、“NOT”)以外，DI还提供位置运算符

ADJn 被连接的关键词按照顺序出现

n表示被连接的关键词中间相隔0~n-1个词

n的取值范围为0~99

(Acoustic or sound) ADJ4 (impedance or resistance)

Acoustic waves with lateral **impedance**

1 2 3

NEARn 不限制被连接的关键词出现的顺序

N表示被连接的关键词中间相隔0~n-1个词

Acoustic NEAR4 impedance

Acoustic waves with lateral **impedance**

1 2 3

Calculated **impedance** by using **acoustic** waves

2 1

若使用ADJ连接Acoustic和impedance，这个例子不会作为检索结果显示

位置运算符

SAME 不限制被连接的关键词出现的顺序

不限制被连接的关键词间隔的距离，只要在同一段落中出现即可

Carboxylic SAME Polyisocyanates

Catalysts (d) used are advantageously compounds which strongly accelerate the reaction of the hydroxyl-containing compounds of the component (a) and, if used, (b) with the **polyisocyanates** (c). Suitable catalysts are organic metal compounds, preferably organic tin compounds such as the tin(II) salts of organic **carboxylic** acids, eg. tin(II) acetate, tin(II) octoate, tin(II) ethylhexanoate and tin(II) laurate

通配符

*和？都可以作为通配符进行检索，*表示任意数目的字符，？表示一个字符

COMPUTER* *COMPUTER COMPUTERS*

AUTOMO* *AUTOMODIVE AUTOMOBILE*

*可以表示任意数目的字符，也包括0个字符

ISO*5LENE *ISOPROPYLENE ISOBUTLYLENE*

SUL*ER *SULPHER SULFER*

*后面可以附加数字，表示指定个数的字符；
不附加数字则表示任意数目

CYCLIC *HETEROCYCLICPROTEASE*

POLYCYCLIC

*不仅可以表示关键词之后的任意个字符，还可以表示关键词之前的任意个字符

温馨提示
使用*作为通配符时，配合使用的关键词需要包括足够数量的字符，否则可能会引入较多的噪声。

系统设置

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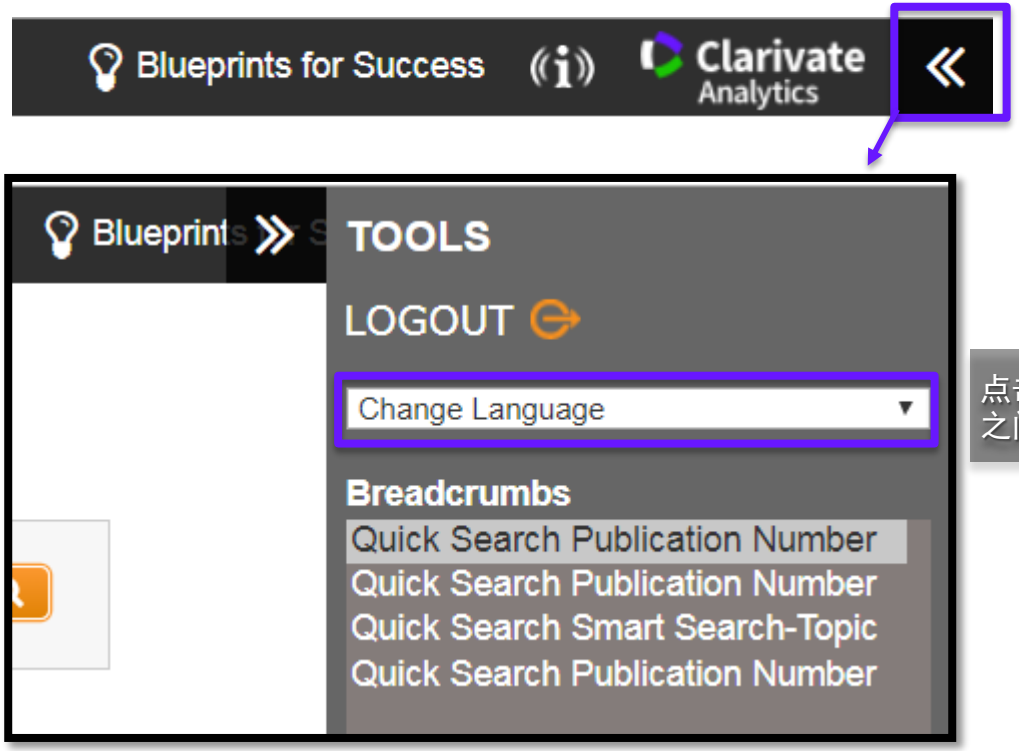
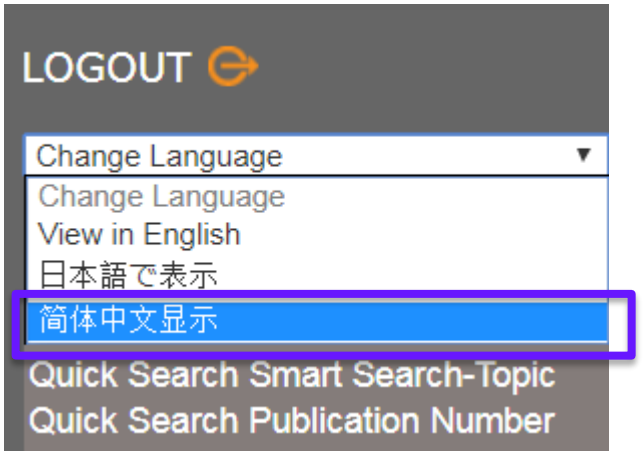
切换界面显示的语言



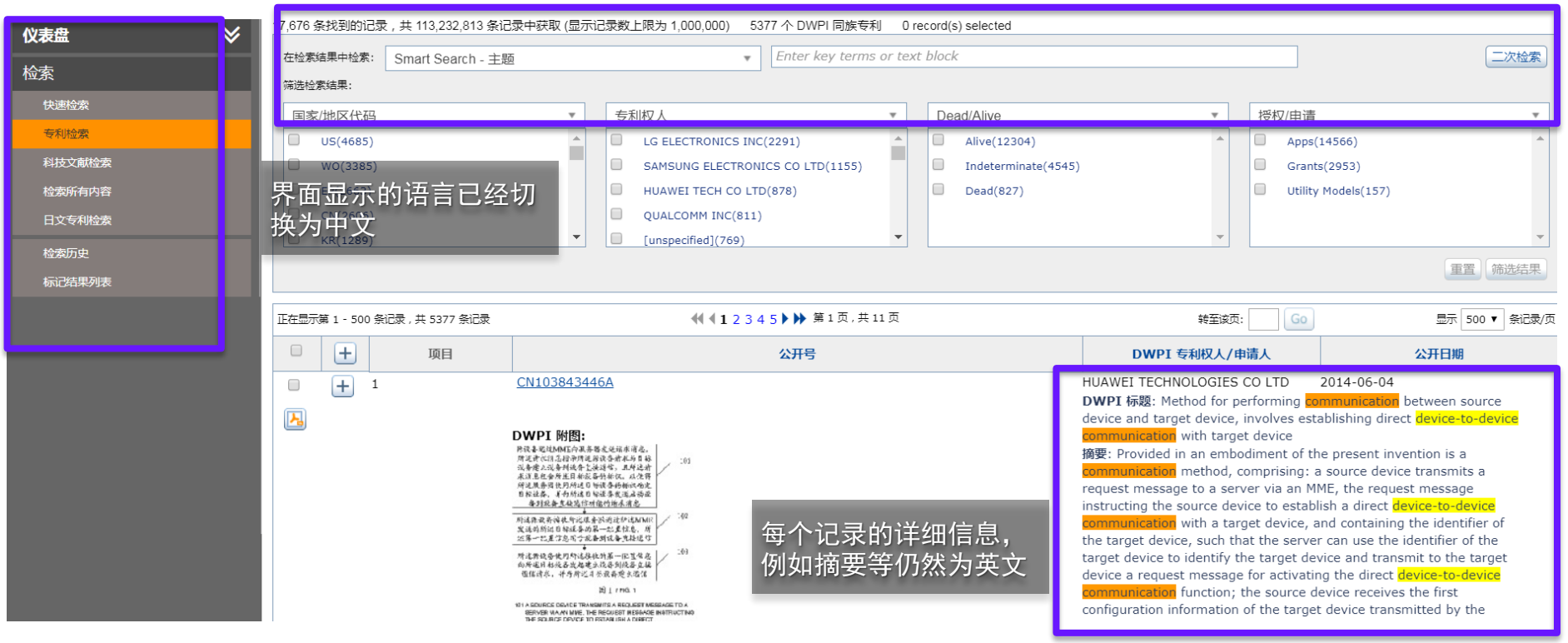
点击页面右上角的箭头符号，可以显示切换界面语言的选项

点击下拉箭头可以在不同的语言之间切换



这里就可以将界面的语言切换为中文

切换界面显示的语言

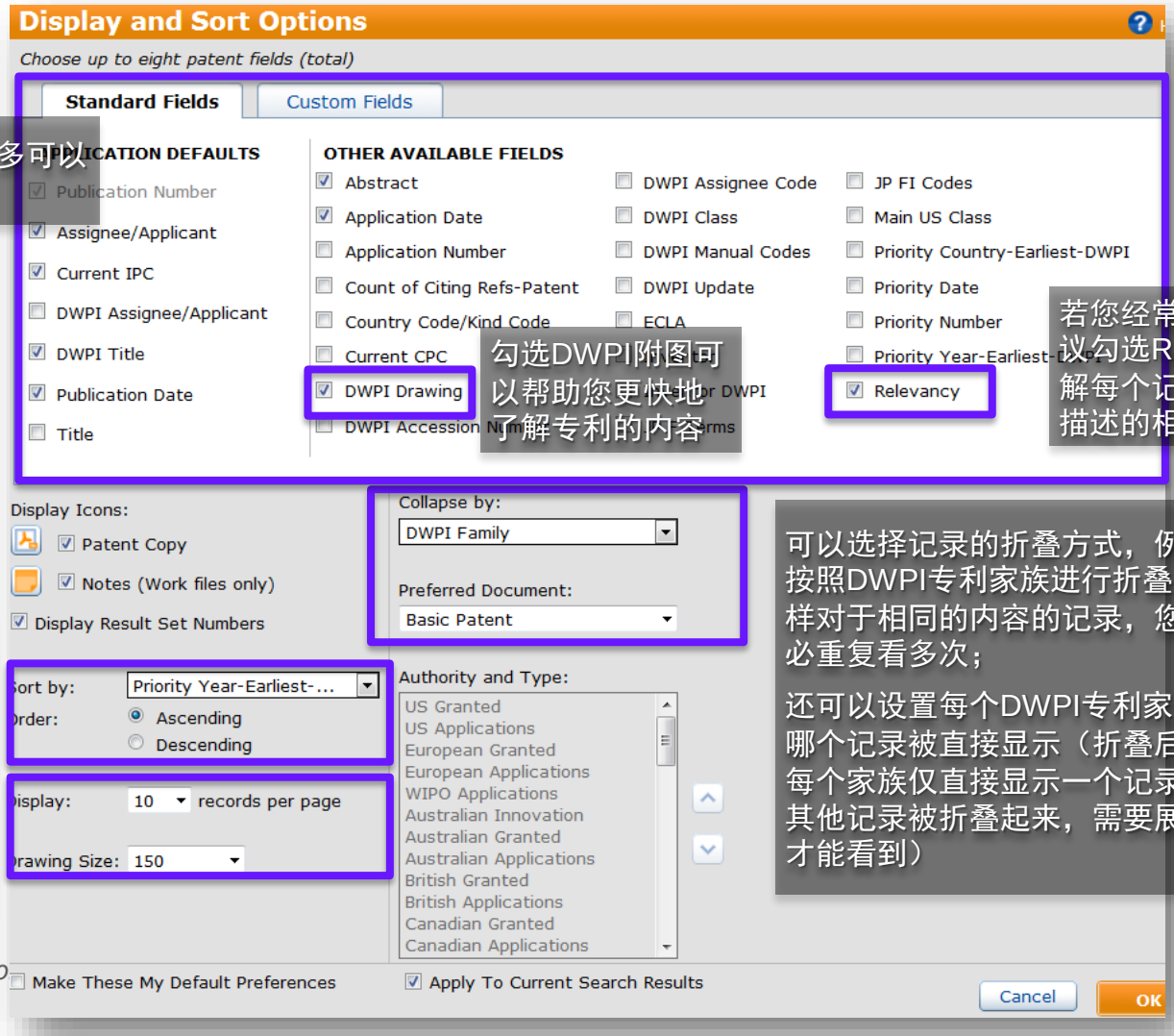


温馨提示

若希望看到每个记录的详细信息的中文翻译，可以在完整浏览页面使用机器翻译的功能。

检索结果显示界面的设置

如前面已经介绍的，可以在结果显示的页面对于显示的字段进行调整，还可以在My Account中进行检索结果显示页面的设置



设定显示的字段，最多可以选择8个字段

勾选DWPI附图可以帮助您更快地了解专利的内容

若您经常使用智能检索，建议勾选Relevancy字段以了解每个记录与您输入的技术描述的相似度

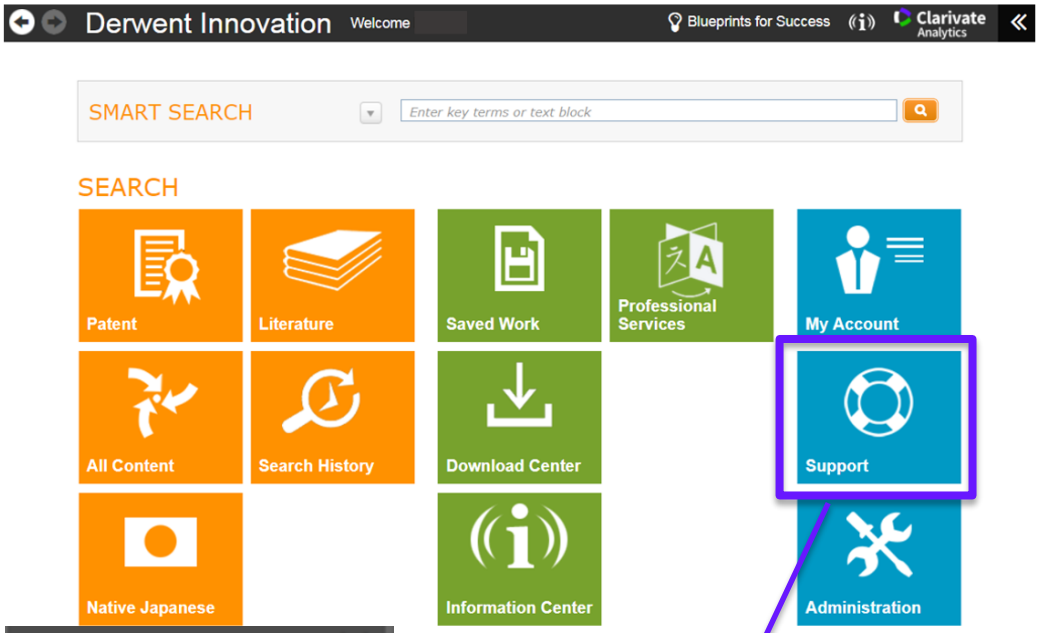
可以选择记录的折叠方式，例如按照DWPI专利家族进行折叠，这样对于相同的内容的记录，您不必重复看多次；

还可以设置每个DWPI专利家族的哪个记录被直接显示（折叠后，每个家族仅直接显示一个记录，其他记录被折叠起来，需要展开才能看到）

设置根据哪个字段进行排序，以及排序为升序或者降序

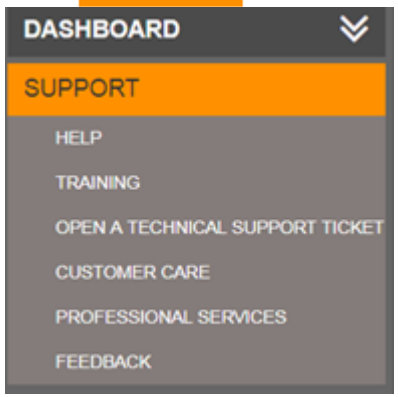
设置每页显示的记录数量以及附图的大小

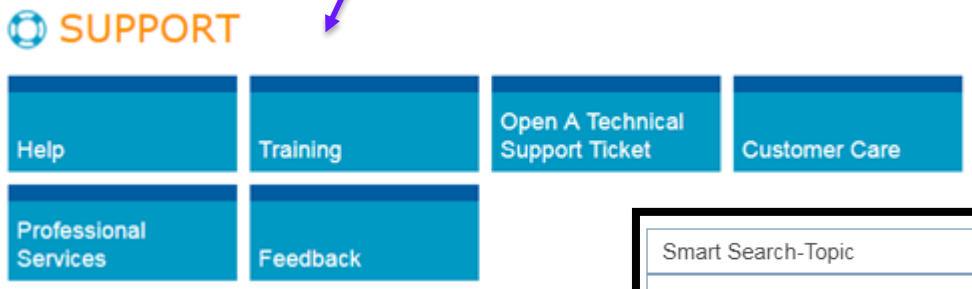
线上培训和支持服务

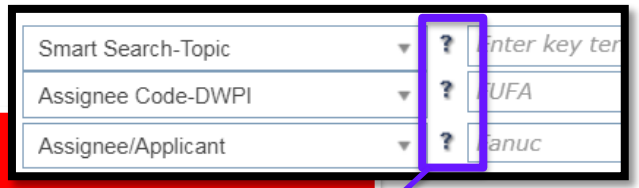


对于系统设置等产品相关疑问，都可以通过Support模块获得帮助。点击Support按钮后，可以显示包括Help等功能模块的页面。

其中，Help提供可检索的线上用户手册；Training提供录播教程以及直播教程（直播教程需要提前注册）；其他模块可以通过不同途径及时地获得客服人员的反馈和协助。







温馨提示

在任意页面有关于该页面内容的疑问可以点击“？”进入对您最有帮助的用户手册部分

下载与存储

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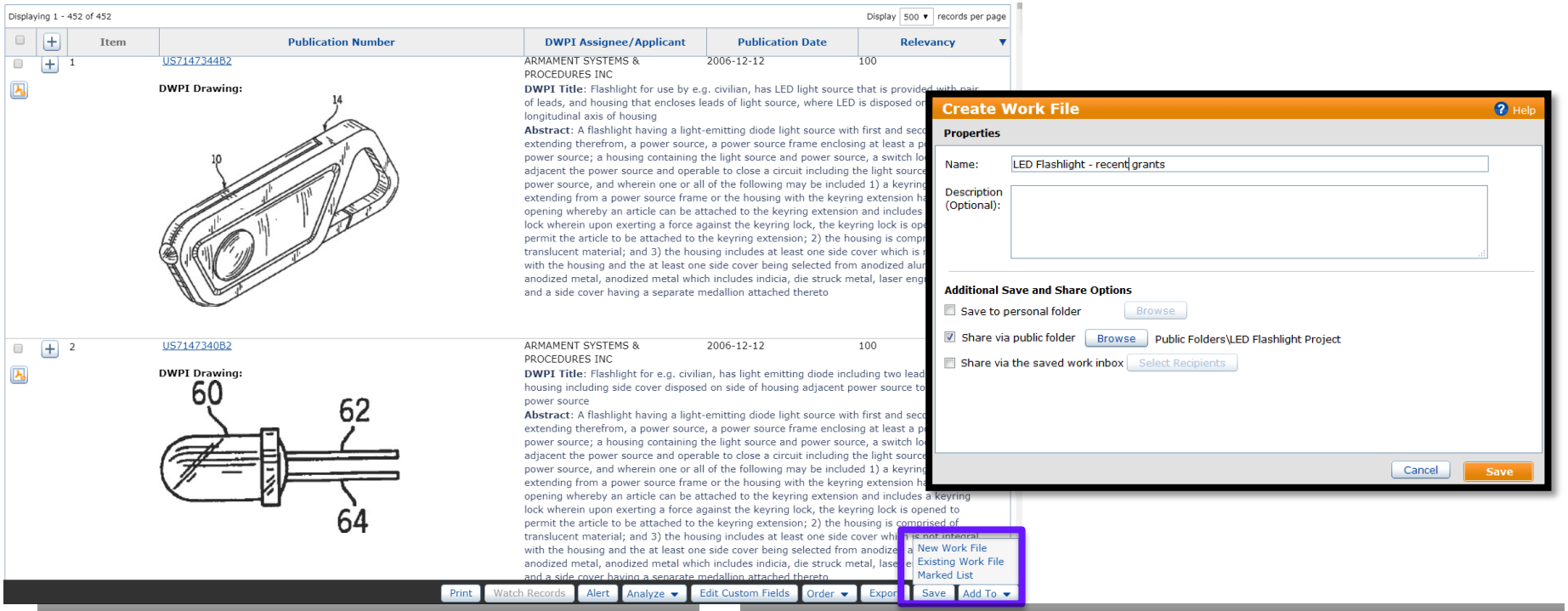
存储检索结果



点击“Add To”可以将当前检索结果保存到：

- New Work File 新的工作文件
- Existing Work File 已有的工作文件
- Marked List 标识的列表

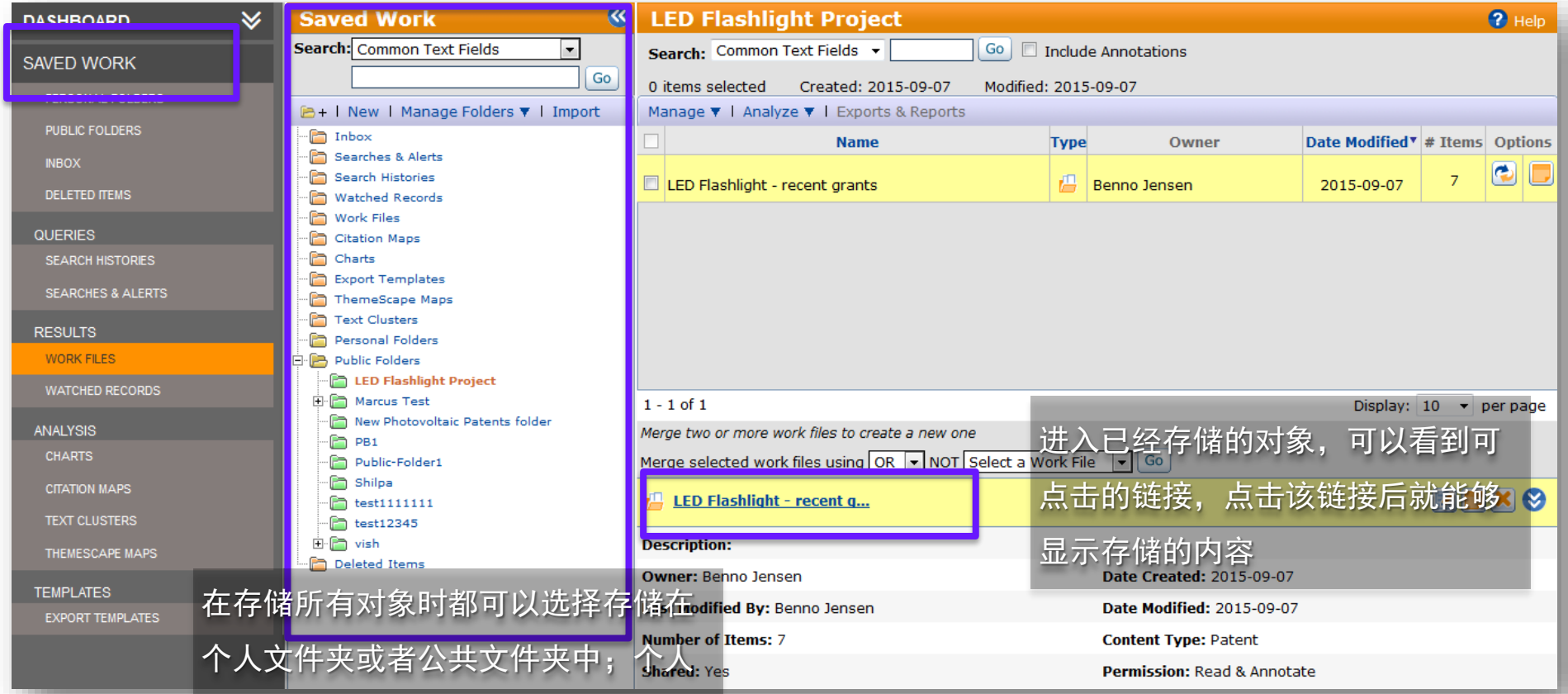
每个工作文件可以命名以区分，并且可以选择是否可以分享给他人

利用工作文件可以随时调出存储在该工作文件中的检索结果

例如针对不同权利人的申请的监控可以命名不同的工作文件进行保存，但是针对同一权利人可以将每次的监控保存在同一工作文件中

已存储的工作

存储的所有对象都可以从SAVED WORK中找到

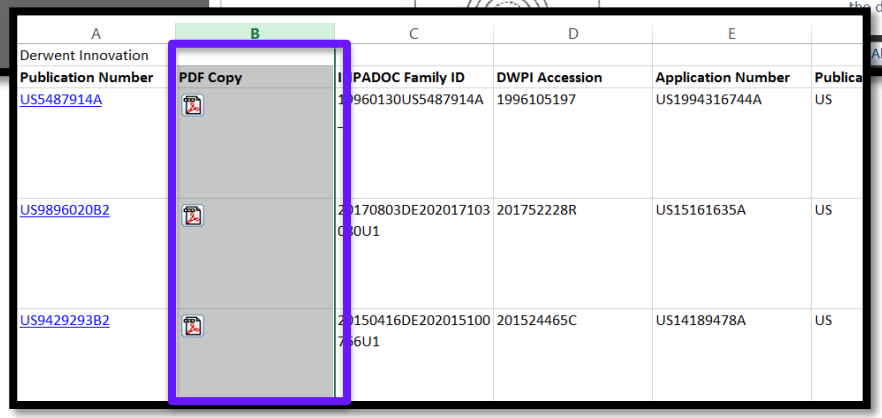


在存储所有对象时都可以选择存储在个人文件夹或者公共文件夹中；个人文件夹仅用户本人可见，公共文件夹可以用于与其他用户进行分享

进入已经存储的对象，可以看到可点击的链接，点击该链接后就能够显示存储的内容

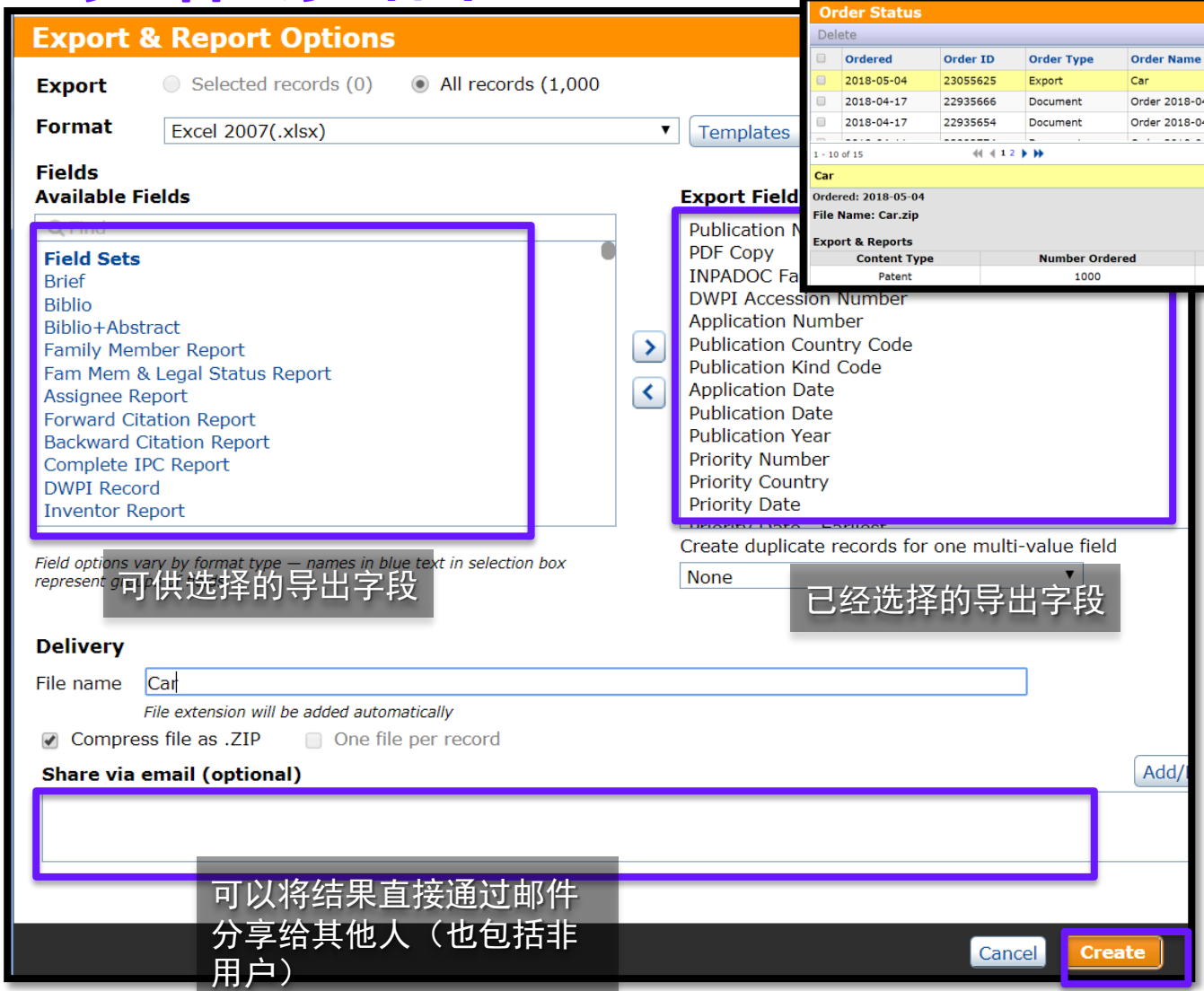
导出检索结果

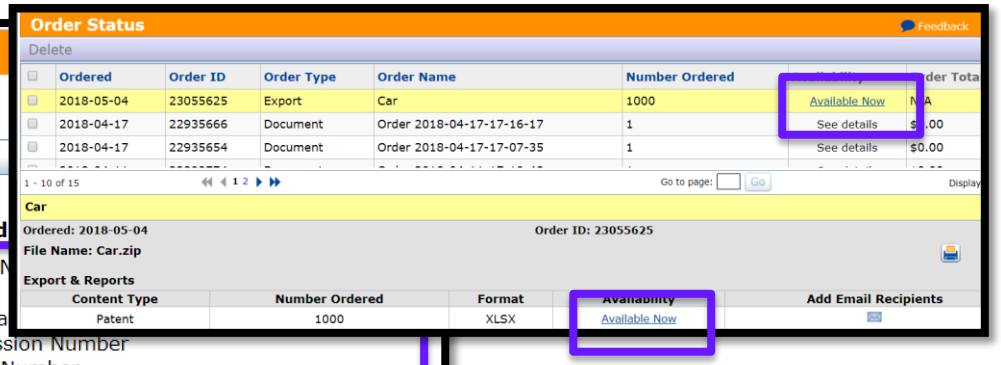
通过点击Export可将当前的检索结果导出为您选择的格式的文件(例如.csv, .xlsx, .txt, .xml...)



导出的结果中若包含PDF Copy可以直接点击PDF小图标来打开对应的专利文档原文；
请您确保Excel文档处于可编辑状态，否则无法点击PDF小图标。

导出检索结果





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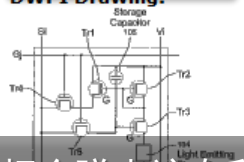
Item	Publication Number	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relevancy	Count of Citing Patent
1	US20160027815A1	SEMICONDUCTOR ENERGY LAB	2016-01-28	Alive	100	0
2	US20150041817A1			Alive	100	1
3	US20170047387A1			Indeterminate	100	0

DWPI Drawing:

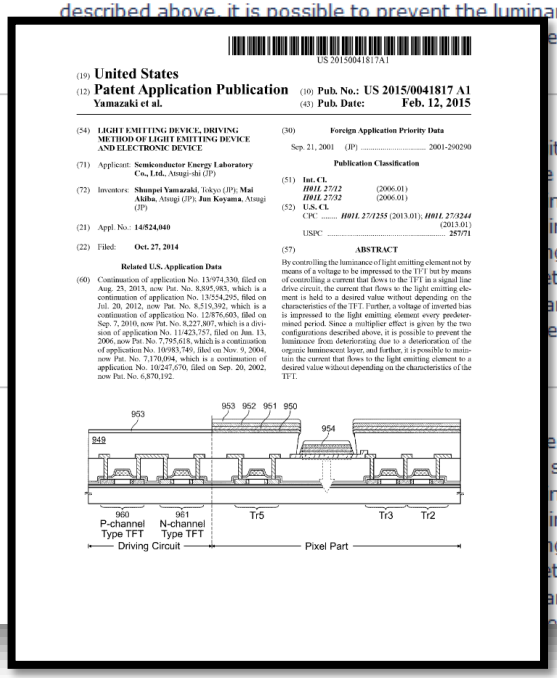


DWPI Title: LED for use in electronic device, has gate of third transistor which is electrically connected to fifth wiring, and ot of source and drain of fourth transistor are electrically connected to second wiring

Abstract: By controlling the luminance of light emitting element not by means of a voltage to be impressed to the TFT but by means of controlling a current that flows to the TFT in a signal line drive circuit, the current that flows to the light emitting element is held to a desired value without depending on the characteristics of the TFT. Further, a voltage of inverted bias is impressed to the light emitting element every predetermined period. Since a multiplier effect is given by the two configuratio described above, it is possible to prevent the luminance from deteriorating due to a deterioration of the organic luminescent ent that flows to the light emitting element to a desired value without

ital camera, has transistor whose source and drain are electrically e of capacitor, and one of source and drain of another transistor ng element not by means of a voltage to be impressed to the TFT but by in a signal line drive circuit, the current that flows to the light emitting g on the characteristics of the TFT. Further, a voltage of inverted bias is termined period. Since a multiplier effect is given by the two configuratio ance from deteriorating due to a deterioration of the organic luminescent ent that flows to the light emitting element to a desired value without

e of electronic device, has first transistor having gate electrode and stor same conductive layer ng element not by means of a voltage to be impressed to the TFT but by in a signal line drive circuit, the current that flows to the light emitting g on the characteristics of the TFT. Further, a voltage of inverted bias is termined period. Since a multiplier effect is given by the two configuratio ance from deteriorating due to a deterioration of the organic luminescent



US 20150041817A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2015/0041817 A1**

Yamazaki et al. (43) **Pub. Date: Feb. 12, 2015**

(54) **LIGHT EMITTING DEVICE, DRIVING METHOD OF LIGHT EMITTING DEVICE AND ELECTRONIC DEVICE**

(71) Applicant: **Semiconductor Energy Laboratory Co., Ltd.**, Atsugi-shi (JP)

(72) Inventors: **Shunpei Yamazaki**, Tokyo (JP); **Mai Akiba**, Atsugi (JP); **Jun Koyama**, Atsugi (JP)

(21) Appl. No.: **14/524,040**

(22) Filed: **Oct. 27, 2014**

Related U.S. Application Data

(60) Continuation of application No. 13/974,330, filed on Aug. 23, 2013, now Pat. No. 8,895,983, which is a continuation of application No. 13/554,295, filed on Jul. 20, 2012, now Pat. No. 8,519,392, which is a continuation of application No. 12/876,603, filed on Sep. 7, 2010, now Pat. No. 8,227,807, which is a division of application No. 11/423,757, filed on Jun. 13, 2006, now Pat. No. 7,795,618, which is a continuation of application No. 10/983,749, filed on Nov. 9, 2004, now Pat. No. 7,170,094, which is a continuation of application No. 10/247,670, filed on Sep. 20, 2002, now Pat. No. 6,870,192.

(30) **Foreign Application Priority Data**

Sep. 21, 2001 (JP) 2001-290290

Publication Classification

(51) **Int. Cl.**
H01L 27/12 (2006.01)
H01L 27/32 (2006.01)

(52) **U.S. Cl.**
CPC *H01L 27/1255* (2013.01); *H01L 27/3244* (2013.01)
USPC 257/71

(57) **ABSTRACT**

By controlling the luminance of light emitting element not by means of a voltage to be impressed to the TFT but by means of controlling a current that flows to the TFT in a signal line drive circuit, the current that flows to the light emitting element is held to a desired value without depending on the characteristics of the TFT. Further, a voltage of inverted bias is impressed to the light emitting element every predetermined period. Since a multiplier effect is given by the two configurations described above, it is possible to prevent the luminance from deteriorating due to a deterioration of the organic luminescent layer, and further, it is possible to maintain the current that flows to the light emitting element to a desired value without depending on the characteristics of the TFT.

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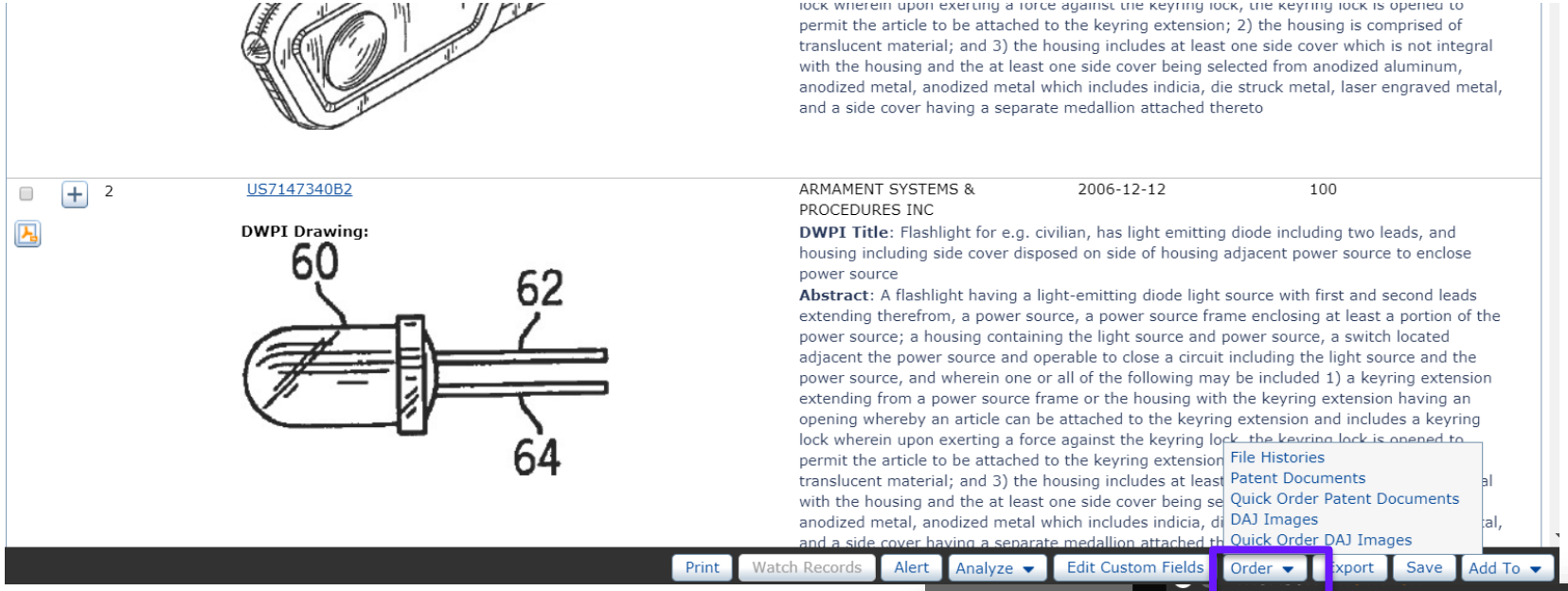

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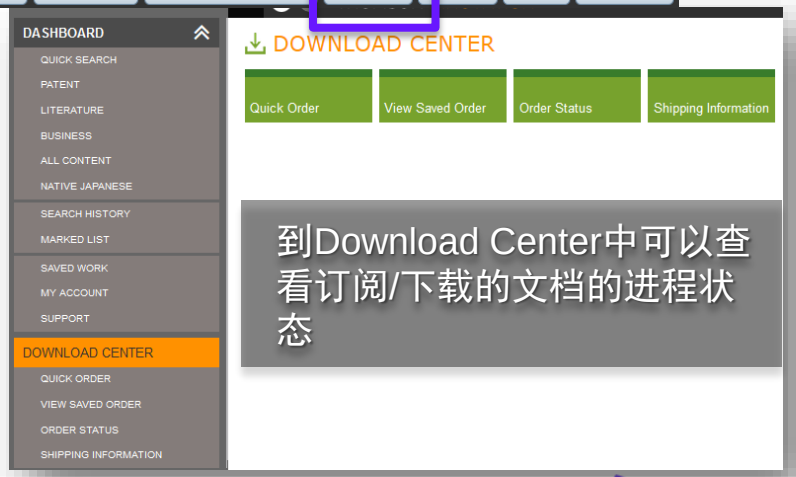

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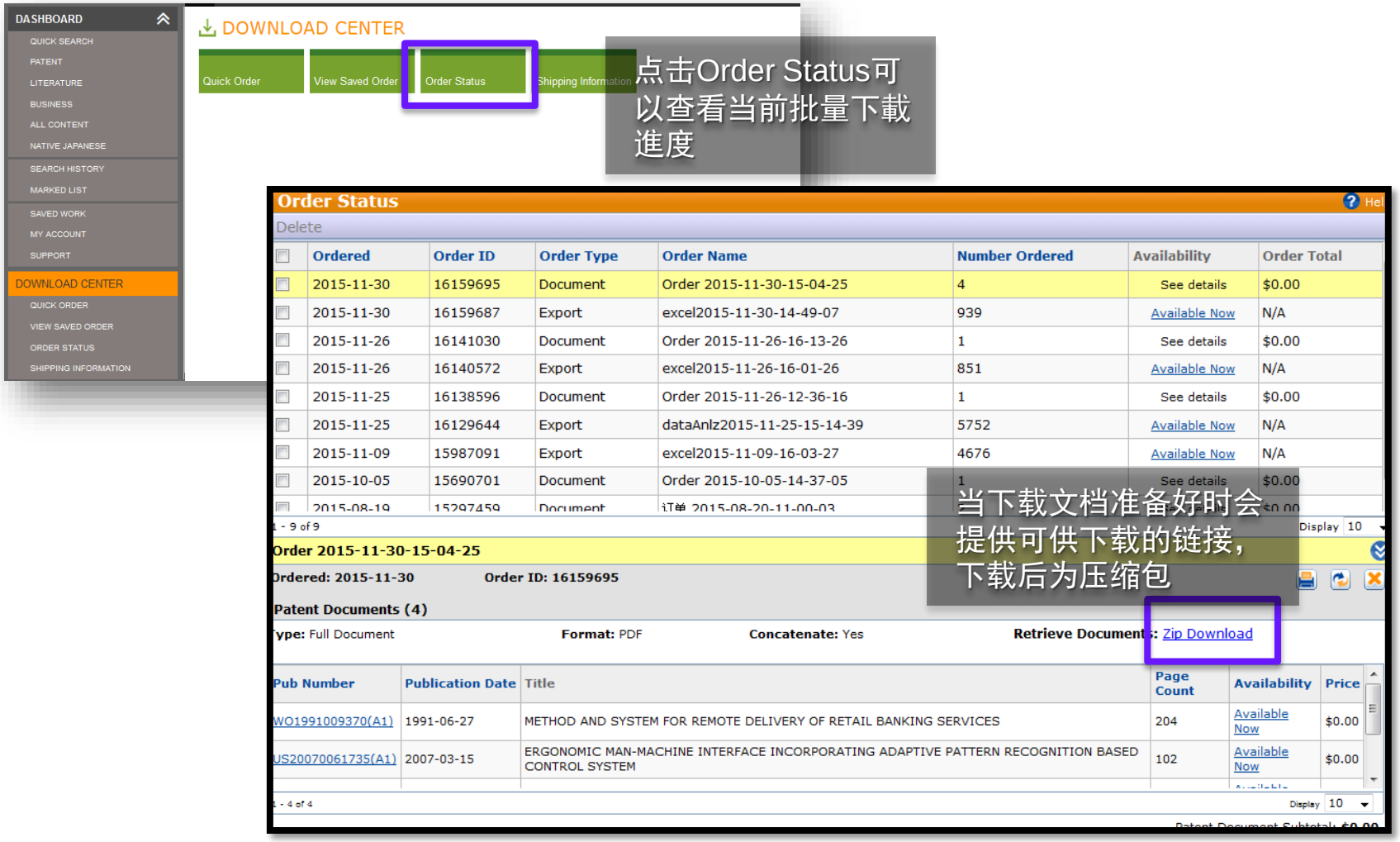

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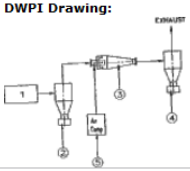
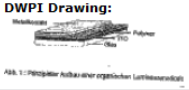
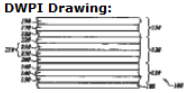
Item	Publication Number	Assignee/Applicant	Publication Date	Application Date	Current IPC	Relevancy
1	CN1518140A	SAMSUNG SDI CO LTD	2004-08-04	2004-01-21	H05B 33/22	21
	DWPI Drawing: 	**DWPI Title:** Method for treating and recycling exhaust gas **Abstract:** For the organic light emitting diode full colour display device (OLED). The thickness uniformity and prevent colour mixing layer in particular polymer OLED to improve polymer ink; The second electrode layer that OLED comprises the first electrode layer to form a predetermined pattern on the upper part of which is formed on the substrate to form the channel according to the predetermined pattern of the insulating layer, forming the channel according to the at least one transmission layer of the organic polymer layer, a lower electrode formed on the at least one end of the block layer to any one side of the organic polymer layer for preventing the ink from the two end formed on the polymer organic layer				
2	DE19832644C1	SAMSUNG DISPLAY DEVICES CO LTD	2000-04-06	1998-07-10	C09K 11/06	14
	DWPI Drawing: 	**DWPI Title:** Organic light-emitting diode has light-emitting active layer of new poly[2-methoxy-5-(2'-ethylhexyloxy)-1,4-phenylene-1,2-ethenylene-2,5-dimethoxy-1,4-phenylene-1,2-ethenylene] **Abstract:** In an organic light-emitting diode (OLED) with active layer(s) on a substrate, at least one of the light-emitting active layers comprises a poly(-p-phenylenevinylene) derivative (PPV derivative). The PPV derivative is poly(2-methoxy-5-(2'-ethylhexyloxy)-1,4-phenylene-1,2-ethenylene-2,5-d imethoxy-1,4-phenylene-1,2-ethenylene) (M3EH-PPV). An Independent claim is also included for the use of M3EH-PPV as electroluminescent material				
3	WO2000036665A1	BATTELLE MEMORIAL INSTITUTE	2000-06-22	1999-12-15	H05B 33/04	5
	DWPI Drawing: 	**DWPI Title:** Encapsulated organic light emitting device for use in flat panel displays includes barrier stack containing barrier and polymer layer, organic light emitting layer stack, and second barrier stack **Abstract:** An encapsulated organic light emitting device. The device includes a first barrier stack (110) comprising at least one first barrier layer (140) and at least one first polymer layer (150, 160). There is an organic light emitting layer stack (120) adjacent to the first barrier stack. A second barrier stack (130) is adjacent to the organic light emitting layer stack. The second barrier stack has at least one second barrier layer (170) and at least one second polymer layer (180, 190). A method of making the encapsulated organic light emitting device is also provided				
4	US7102631B2	SAMSUNG ELECTRONICS CO LTD	2006-09-05	2005-04-20	G02F 1/1335	5
	DWPI Drawing:	**DWPI Title:** Tape carrier package for liquid crystal display device, has input pattern for applying input gate drive signal and pair of output patterns for outputting drive signal, which are formed on PCB				

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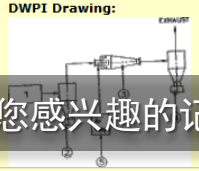
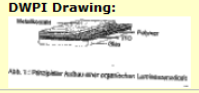
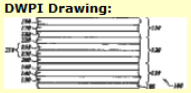
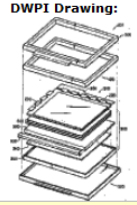
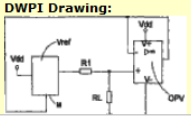
Item	Publication Number	Assignee/Applicant	Publication Date	Application Date	Current IPC	Relevancy
1	CN1518140A **DWPI Drawing:** 	SAMSUNG SDI CO LTD	2004-08-04	2004-01-21	H05B 33/22	21
		DWPI Title: Method for treating and recycling exhaust gas **Abstract:** For the organic light emitting diode full colour display device (OLED). The thickness uniformity and prevent colour mixing layer in particular polymer OLED to improve polymer ink; The second electrode layer that OLED comprises the first electrode layer to form a predetermined pattern on the upper part of which is formed on the substrate to form the channel according to the predetermined pattern of the insulating layer, forming the channel according to the at least one transmission layer of the organic polymer layer, a lower electrode formed on the at least one end of the block layer to any one side of the organic polymer layer for preventing the ink from the two end formed on the polymer organic layer				
2	DE19832644C1 **DWPI Drawing:** 	SAMSUNG DISPLAY DEVICES CO LTD	2000-04-06	1998-07-10	C09K 11/06	14
		DWPI Title: Organic light-emitting diode has light-emitting active layer of new poly[2-methoxy-5-(2'-ethylhexyloxy)-1,4-phenylene-1,2-ethenylene-2,5-dimethoxy-1,4-phenylene-1,2-ethenylene] **Abstract:** In an organic light-emitting diode (OLED) with active layer(s) on a substrate, at least one of the light-emitting active layers comprises a poly(-p-phenylenevinylene) derivative (PPV derivative). The PPV derivative is poly(2-methoxy-5-(2'-ethylhexyloxy)-1,4-phenylene-1,2-ethenylene-2,5-d imethoxy-1,4-phenylene-1,2-ethenylene) (M3EH-PPV). An Independent claim is also included for the use of M3EH-PPV as electroluminescent material				
3	WO2000036665A1 **DWPI Drawing:** 	BATTELLE MEMORIAL INSTITUTE	2000-06-22	1999-12-15	H05B 33/04	5
		DWPI Title: Encapsulated organic light emitting device for use in flat panel displays includes barrier stack containing barrier and polymer layer, organic light emitting layer stack, and second barrier stack **Abstract:** An encapsulated organic light emitting device. The device includes a first barrier stack (110) comprising at least one first barrier layer (140) and at least one first polymer layer (150, 160). There is an organic light emitting layer stack (120) adjacent to the first barrier stack. A second barrier stack (130) is adjacent to the organic light emitting layer stack. The second barrier stack has at least one second barrier layer (170) and at least one second polymer layer (180, 190). A method of making the encapsulated organic light emitting device is also provided				
4	US7102631B2 **DWPI Drawing:** 	SAMSUNG ELECTRONICS CO LTD	2006-09-05	2005-04-20	G02F 1/1335	5
		DWPI Title: Tape carrier package for liquid crystal display device, has input pattern for applying input gate drive signal and pair of output patterns for outputting drive signal, which are formed on PCB **Abstract:** A liquid crystal display of compact size is disclosed. The liquid crystal display has a tape carrier package and a single integrated PCB for processing a gate driving signal and data driving signal. The tape carrier package includes a base substrate, a gate driver IC formed on said base substrate, an input pattern formed on said base substrate that applies gate driving signals input from an external device to the gate driver IC, a first output pattern formed on said base substrate that outputs a first gate driving signal processed in said gate driver IC, and a second output pattern formed on said base substrate, that outputs a second gate driving signal bypassing the gate driver IC among the gate driving signals				
5	DE10033933A1 **DWPI Drawing:** 	SAMSUNG SDI CO	2002-01-24	2000-07-05	G09G 3/30	10
		DWPI Title: Current supply method for organic LEDs used in display, involves connecting resistance in parallel to across potentiometer that is connected between voltage dividers and operational amplifiers **Abstract:** A potentiometer (R5) is connected between an operational amplifier (OPV) and voltage dividers (R2,R3) that divides the reference voltage in order to set small current in the micro ampere region. A resistance (R4) is connected in parallel to the potentiometer to set large currents in the milliampere region. A resistance (R1) connected to reference voltage source (Vref) limits the maximum output current. An Independent claim is also included for constant current source				
6	US20030090581A1 **DWPI Drawing:**	-	2003-05-15	2002-10-22	G09G 3/20	2
		DWPI Title: Color display e.g. active-matrix LCD of mobile telephone, has sub-pixels of sub-pixel group, coupled to row driver along width of sub-pixel **Abstract:** A color display having horizontal sub-pizel arrangements and layouts is disclosed. The display can include a plurality of a sub-pixel group. The sub-pixel group can have a plurality of sub-pixels wherein each sub-pixel has a height along a vertical axis and a width along a horizontal axis. The width of each sub-pixel is greater in length than its height in the				

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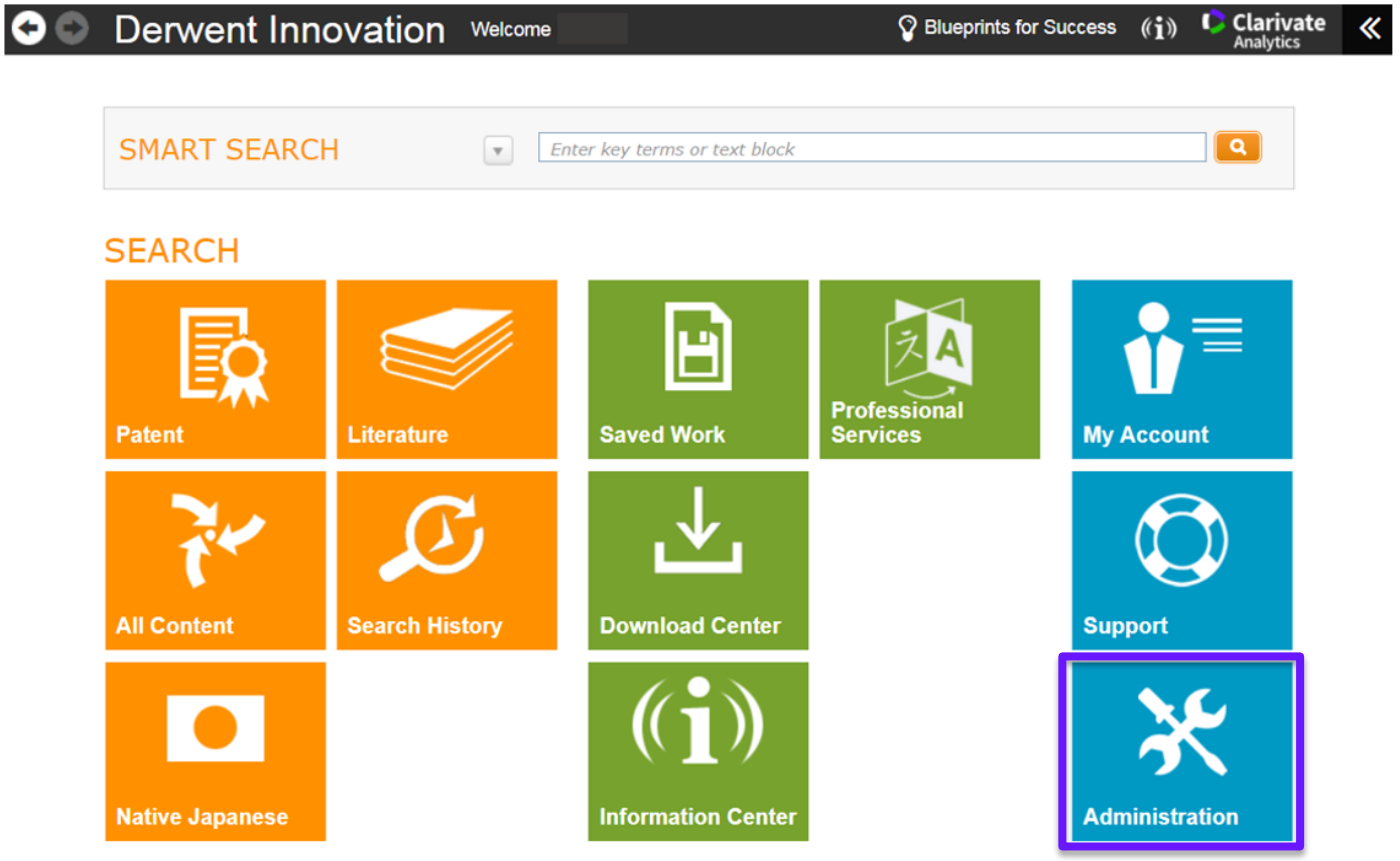

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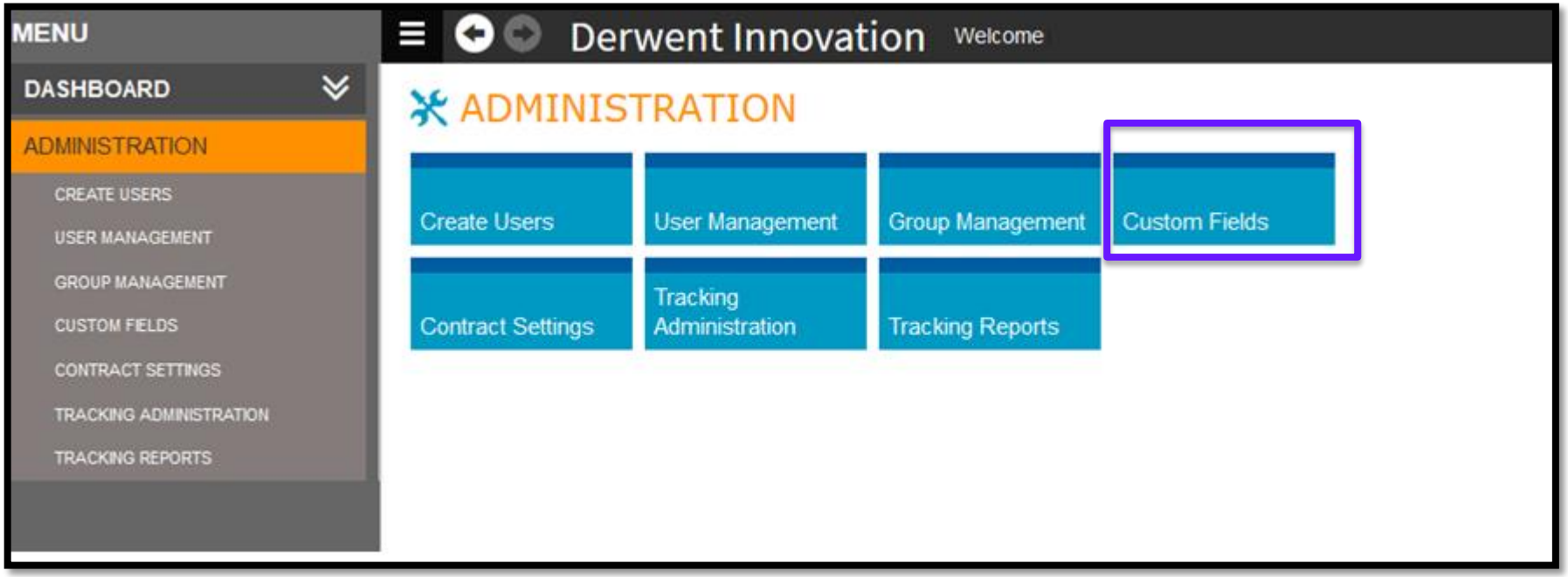

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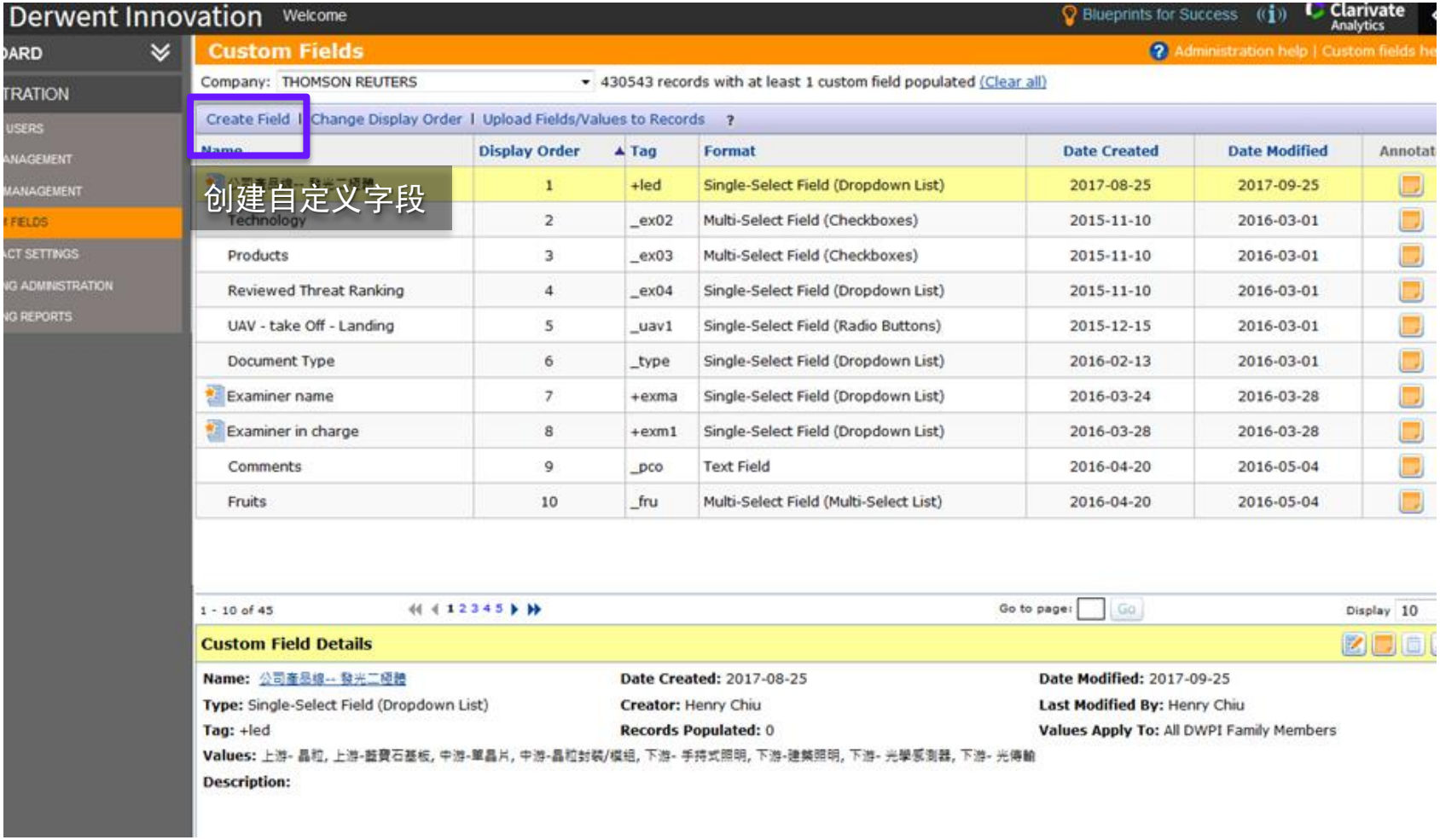
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Last Modified By: Henry Chiu
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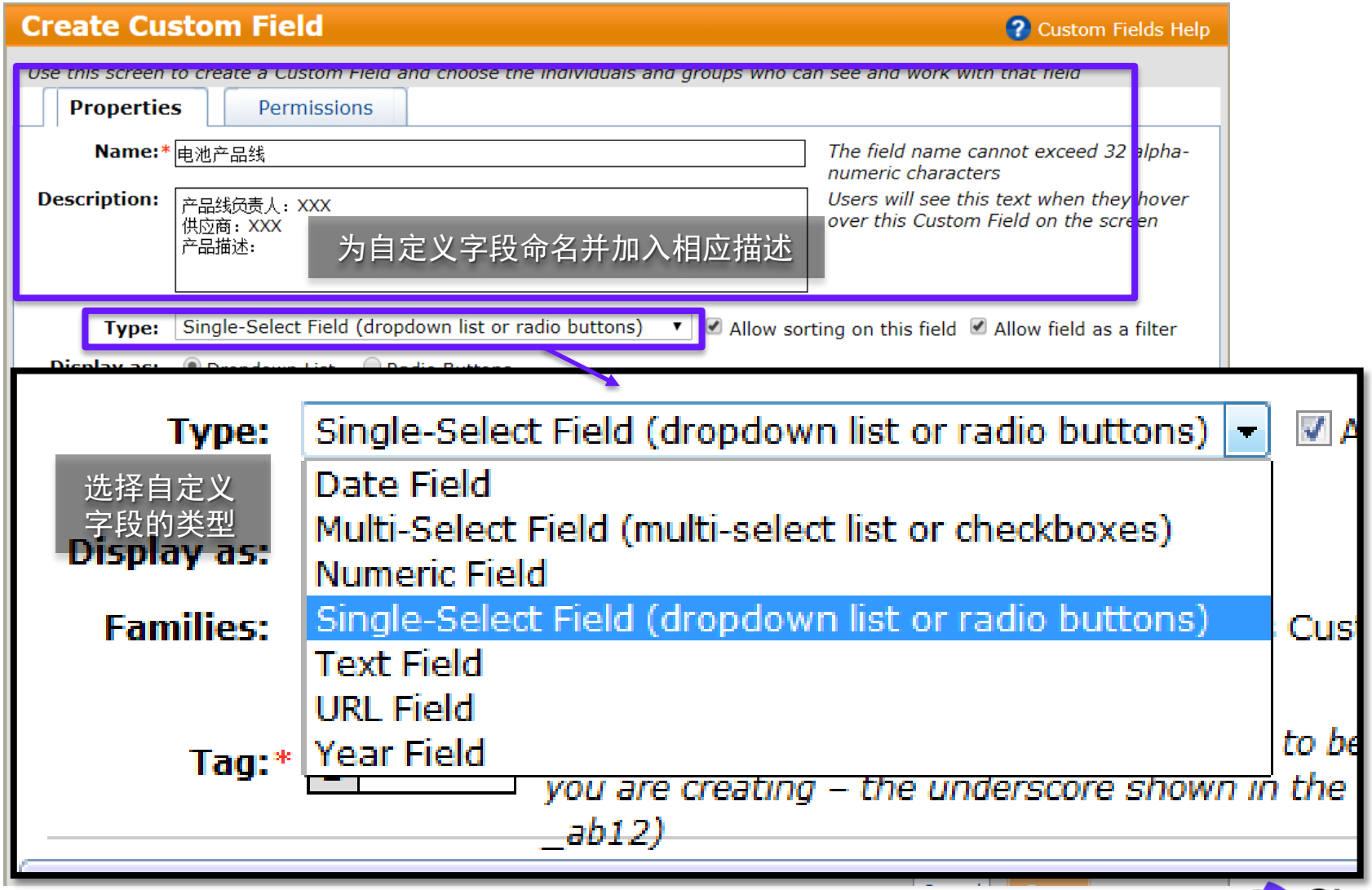
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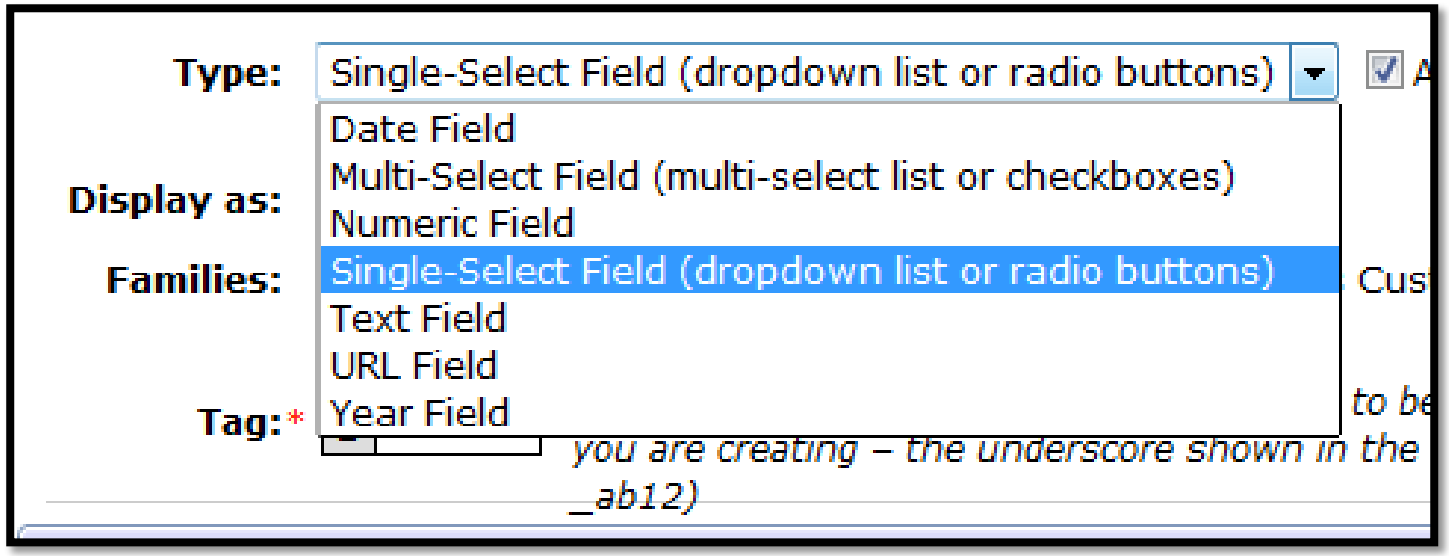


Data Field：时间字段（可用于公司内部时效管理、项目管理中时间节点的设置、甚至代办事项的到期日等）

Multi-Select Field：多选字段（可以对同一字段进行多个赋值，例如多个技术标签）

Numeric Field: 数值字段（可以为数值或者百分比，例如专利强度分数、专利级别或者项目完成的进度百分比等）

Single-Select Field：单选字段 （采用勾选或者下拉菜单的选择方式，对字段进行单一赋值，例如为公司内部的所属部门，处理人员等）

Text Field：文字字段（可以加入任何描述，可以方便地对一个记录进行任何解释和标注）

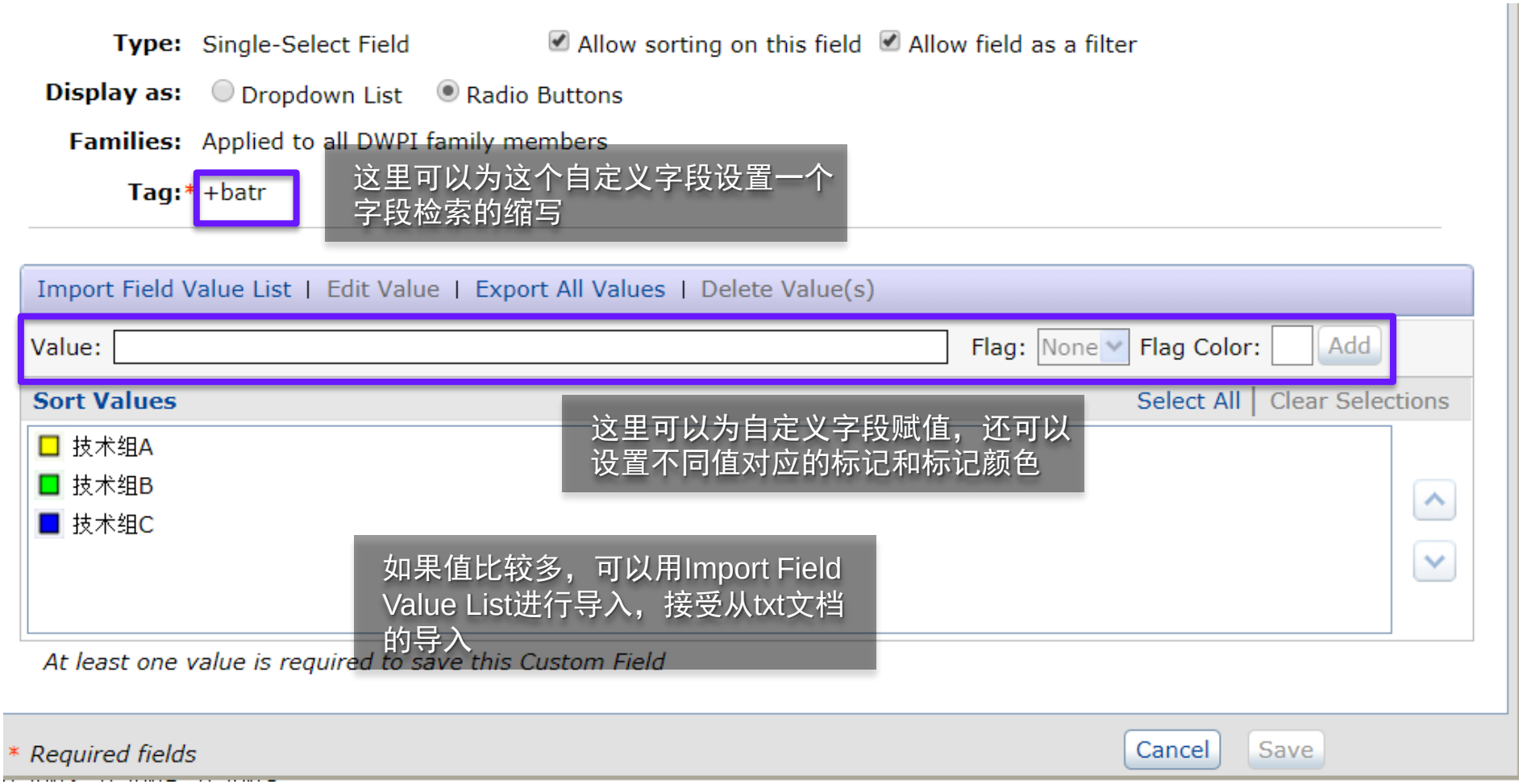
URL Field：网址字段（可以链接到公司内部或者外部的网址）

Year Field：年份字段（可以用于表示年份，例如许可组合的整理年份或者许可年份等）

自定义字段

Edit Custom Field
Custom Fields Help
Use this screen to create a Custom Field and choose the individuals and groups who can see and work with that field
Properties
Permissions
点击这里可以设置自定义字段的权限
Set default access for all users on your account and (optionally) give selected individuals and groups different access levels
All Users on this Account Set default permissions for all users on this account
Default access
Read Only
这里可以改变对于所有用户的权限设置，默认为所有用户都只能看该字段
Individuals Set permissions for Individuals (user-by-user), Individual permissions override Group and All Users permissions
Search within Organization
点击这里可以设置某一个用户对于该自定义字段的权限
First Name
Email
No items to display
Read Only
No Access
Read Only
Read and Write
Groups Set permissions for Groups, Group permissions override All Users permissions
Search within Organization | View Users
点击这里可以设置某一组用户对于该自定义字段的权限
Group Name
No. Users Assigned
Last Modified
Permissions
No items to display
自定义字段的权限分为：
• 不可见
• 仅可见
• 可见且可编辑
Cancel
Save

自定义字段


Type: Single-Select Field
Allow sorting on this field
Allow field as a filter
Display as: Dropdown List
Radio Buttons
Families: Applied to all DWPI family members
Tag:* +batr
这里可以为这个自定义字段设置一个字段检索的缩写
Import Field Value List | Edit Value | Export All Values | Delete Value(s)
Value:
Flag: None
Flag Color:
Add
Sort Values
Select All | Clear Selections
技术组A
技术组B
技术组C
这里可以为自定义字段赋值，还可以设置不同值对应的标记和标记颜色
如果值比较多，可以用Import Field Value List进行导入，接受从txt文档的导入
At least one value is required to save this Custom Field
* Required fields
Cancel
Save

自定义字段

6,137 record(s) found out of 113,409,011 searched (display limit 1,000,000) 2934 DWPI families 0 record(s) selected

Displaying 1 - 500 of 2934 1 2 3 4 5 Page 1 of 6 Go to page: Go Display 500 records per page

	Item	Publication Number	DWPI Assignee/Applicant	Publication Date
	1	CN103419656B	BYD CO LTD	2016-03-30

DWPI Drawing:

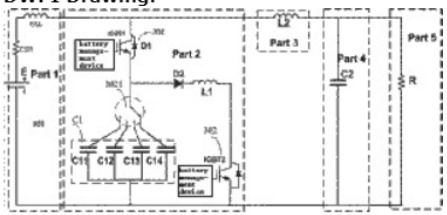


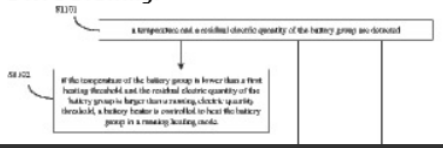
Fig. 3A

DWPI Title: Power system of electric vehicle, has pre-charging capacitor that is connected between input terminals to supply power to motor according to control command and voltage distributed by electric distribution box

Abstract: The invention claims a power system of electric automobile, comprising a battery pack, a heater, a manager, a power distribution box, a motor, a motor controller and an isolating inductance. cell heater connected with the battery pack, a battery manager respectively connected with the battery pack and a battery heater, for the temperature of the battery group is lower than the first heating temperature threshold and the residual electric quantity is higher than the parking quantity threshold value after controlling the battery heater is a battery pack heating. and the allowed limit power running electric automobile running heating, a power distribution box for distributing the voltage output by the battery pack, a motor controller connected with the motor and a distribution box having a first and second input ends and a pre-charge capacitance connected between the first and the second input end; isolation inductor and the pre-charge capacitance matching. The power system can realize heating, high heating efficiency, low cost and strong practicability. A heating method of electric vehicle and an electric vehicle are also claimed

	2	CN103419651B	BYD CO LTD	2016-01-13

DWPI Drawing:



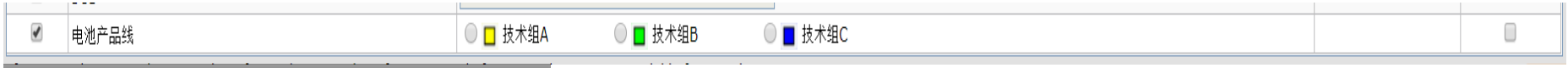
DWPI Title: System for electric vehicle, has battery management device for controlling battery heater to heat battery group in running heating mode or parking heating mode and electric distribution box for distributing voltage output by battery group

Abstract: The invention claims a power system of electric automobile, comprising a battery pack, a heater, a manager, a power distribution box, a motor, a motor controller and an isolating inductance. wherein the battery

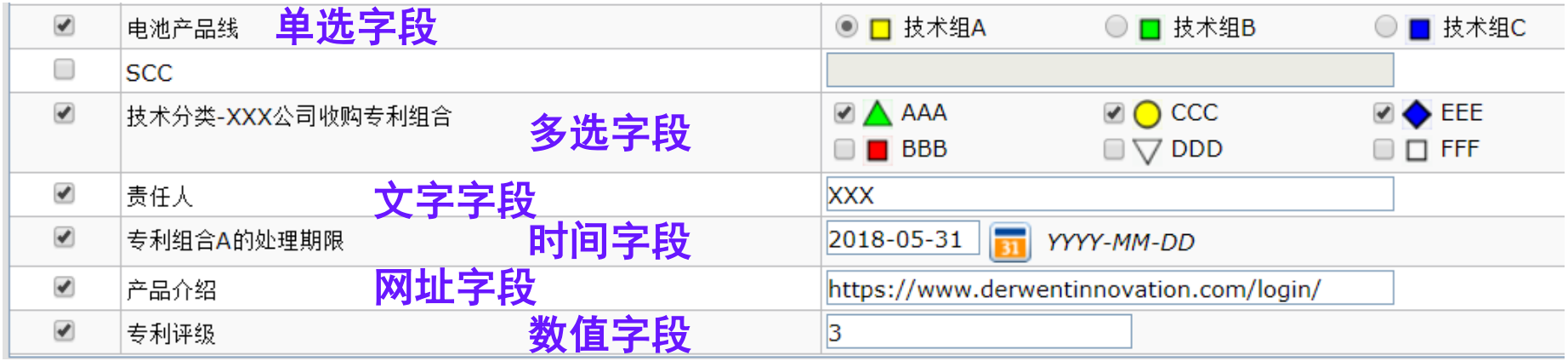
Print | Watch Records | Alert | Analyze | Edit Custom Fields | Order | Export | Save | Add To

勾选特定记录或者全部检索结果，再点击Edit Custom Field就可以对选择的记录进行自定义字段的设置

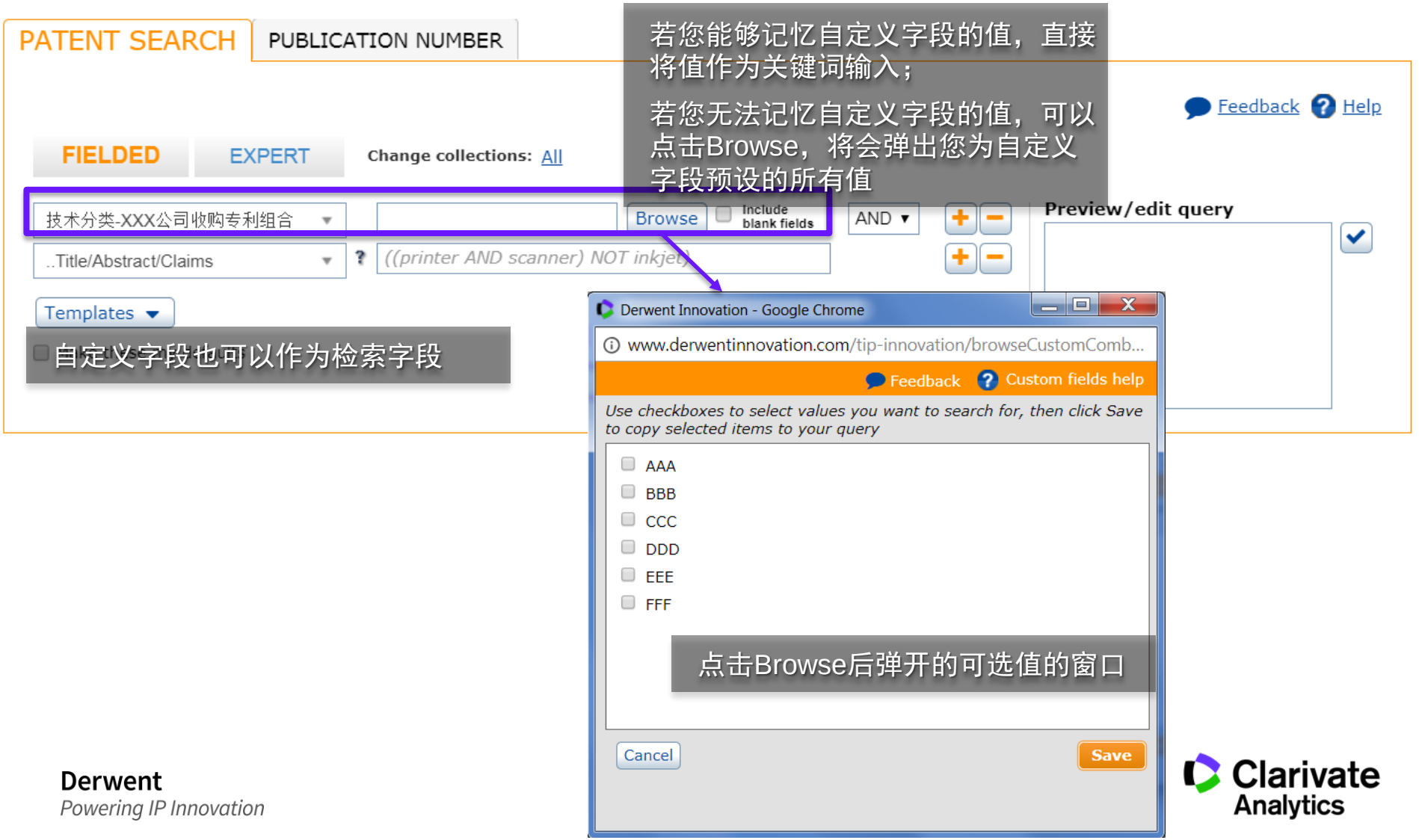
自定义字段



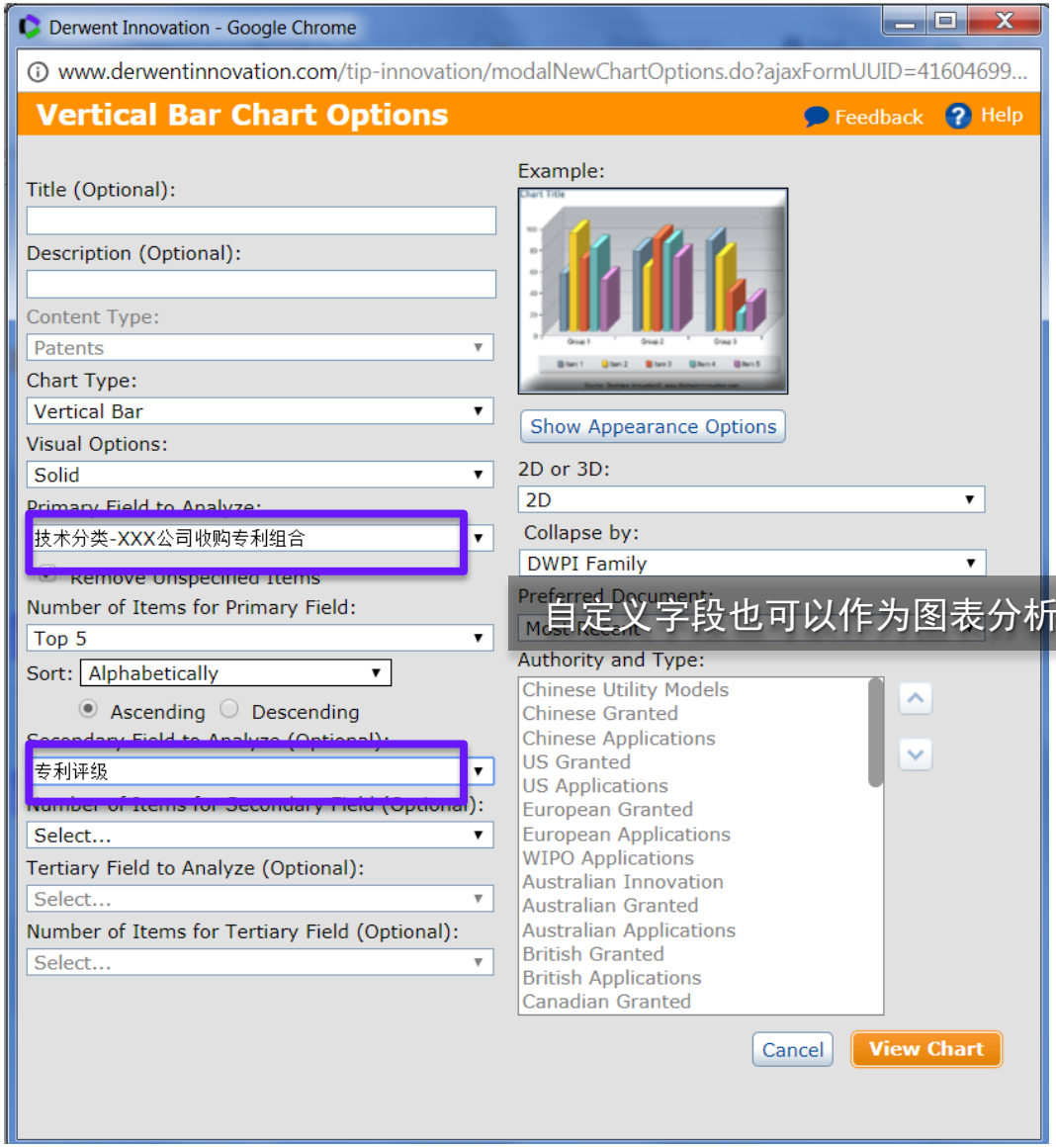
点击Edit Custom Field，在弹开的窗口中找到目标自定义字段就可以进行编辑，为选定的记录赋值



自定义字段


PATENT SEARCH
PUBLICATION NUMBER
若您能够记忆自定义字段的值，直接将值作为关键词输入；
若您无法记忆自定义字段的值，可以点击Browse，将会弹出您为自定义字段预设的所有值
Feedback
Help
FIELDED
EXPERT
Change collections: All
技术分类-XXX公司收购专利组合
Browse
Include blank fields
AND
Preview/edit query
..Title/Abstract/Claims
((printer AND scanner) NOT inkjet)
Templates
自定义字段也可以作为检索字段
Derwent Innovation - Google Chrome
www.derwentinnovation.com/tip-innovation/browseCustomComb...
Feedback
Custom fields help
Use checkboxes to select values you want to search for, then click Save to copy selected items to your query
AAA
BBB
CCC
DDD
EEE
FFF
点击Browse后弹开的可选值的窗口
Cancel
Save

自定义字段


Derwent Innovation - Google Chrome
www.derwentinnovation.com/tip-innovation/modalNewChartOptions.do?ajaxFormUUID=41604699...
Vertical Bar Chart Options
Feedback
Help
Title (Optional):
Description (Optional):
Content Type:
Patents
Chart Type:
Vertical Bar
Visual Options:
Solid
技术分类-XXX公司收购专利组合
Number of Items for Primary Field:
Top 5
Sort:
Alphabetically
Ascending
Descending
专利评级
Select...
Tertiary Field to Analyze (Optional):
Select...
Number of Items for Tertiary Field (Optional):
Select...
Example:
Show Appearance Options
2D or 3D:
2D
Collapse by:
DWPI Family
Authority and Type:
Chinese Utility Models
Chinese Granted
Chinese Applications
US Granted
US Applications
European Granted
European Applications
WIPO Applications
Australian Innovation
Australian Granted
Australian Applications
British Granted
British Applications
Canadian Granted
Cancel
View Chart
自定义字段也可以作为图表分析的字段

分析工具

Derwent
Powering IP Innovation

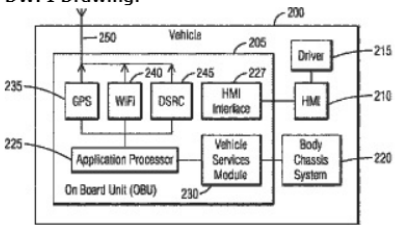
Clarivate
Analytics

分析图表

Displaying 1 - 266 of 266

Item	Publication Number	DWPI Assignee/Applicant	Publication Date	Relevancy
1	US9911334B2	SIEMENS IND INC	2018-03-06	71

DWPI Drawing:

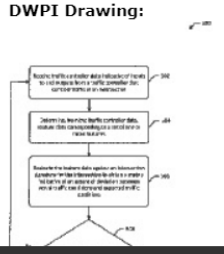


DWPI Title: Connected vehicle traffic safety system for avoiding crashes with vehicles of wrong-way drivers by issuing warnings, comprises traffic signal controller, which is configured to op… located

Abstract: A connected vehicle traffi… controller and a roadside unit (RSU) … avoiding crashes with vehicles of wr… wrong-way violations. The traffic sig… traffic signal. The traffic signal is fac… permanently in a RED signal phase. … signalized intersection with a wrong-… traffic signal phase dwelling in RED. … transmit a Signal Phase and Timing … A first Onboard Unit (OBU)-equipped … that is configured to calculate a RED… vehicle location data, direction headi… first OBU-equipped vehicle and the S… detect the first Onboard Unit (OBU)-…

2	US9875654B2	SIEMENS AG	2018	

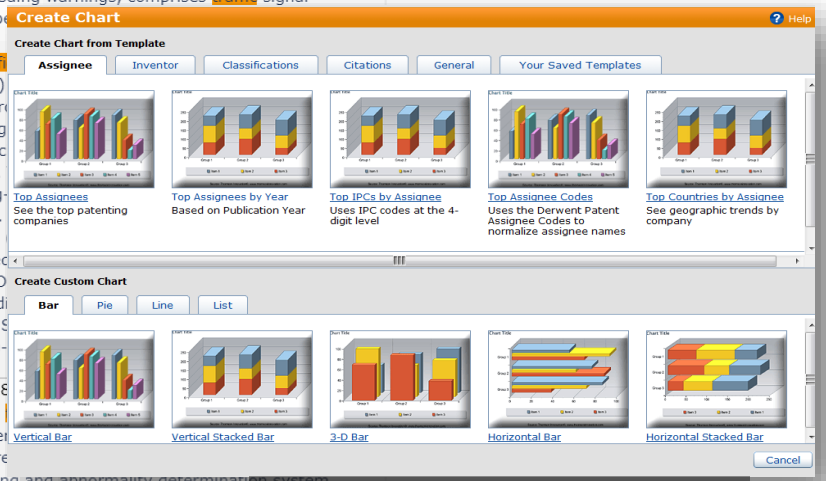
DWPI Drawing:



DWPI Title: Method for evaluating … traffic intersection signature to deter… exists, involves initiating action to re…

Abstract: A traffic control monitoring and abnormality determination system and associated methods are disclosed for receiving and analyzing traffic controller input/output data during a learning phase to determine a … indicative of normal or healthy operation of the traffic controller in regulating traffic flow at an intersection and receiving and evaluating additional traffic controller input/output data against the model during an evaluation phase to determine whether an abnormality exists in operation of the traffic … If an abnormality is detected during … phase, the system …

Print | Watch Records | Alert | Analyze | Edit Custom Fields | …

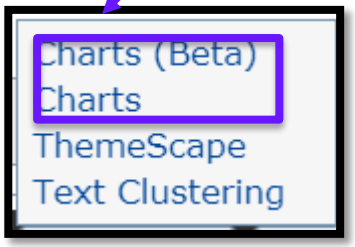


针对当前检索结果提供各种设计好的模板图表；

您可以根据自己的需求设计自己需要的图表

点击Analyze可以弹出分析的形式；

选择图表分析



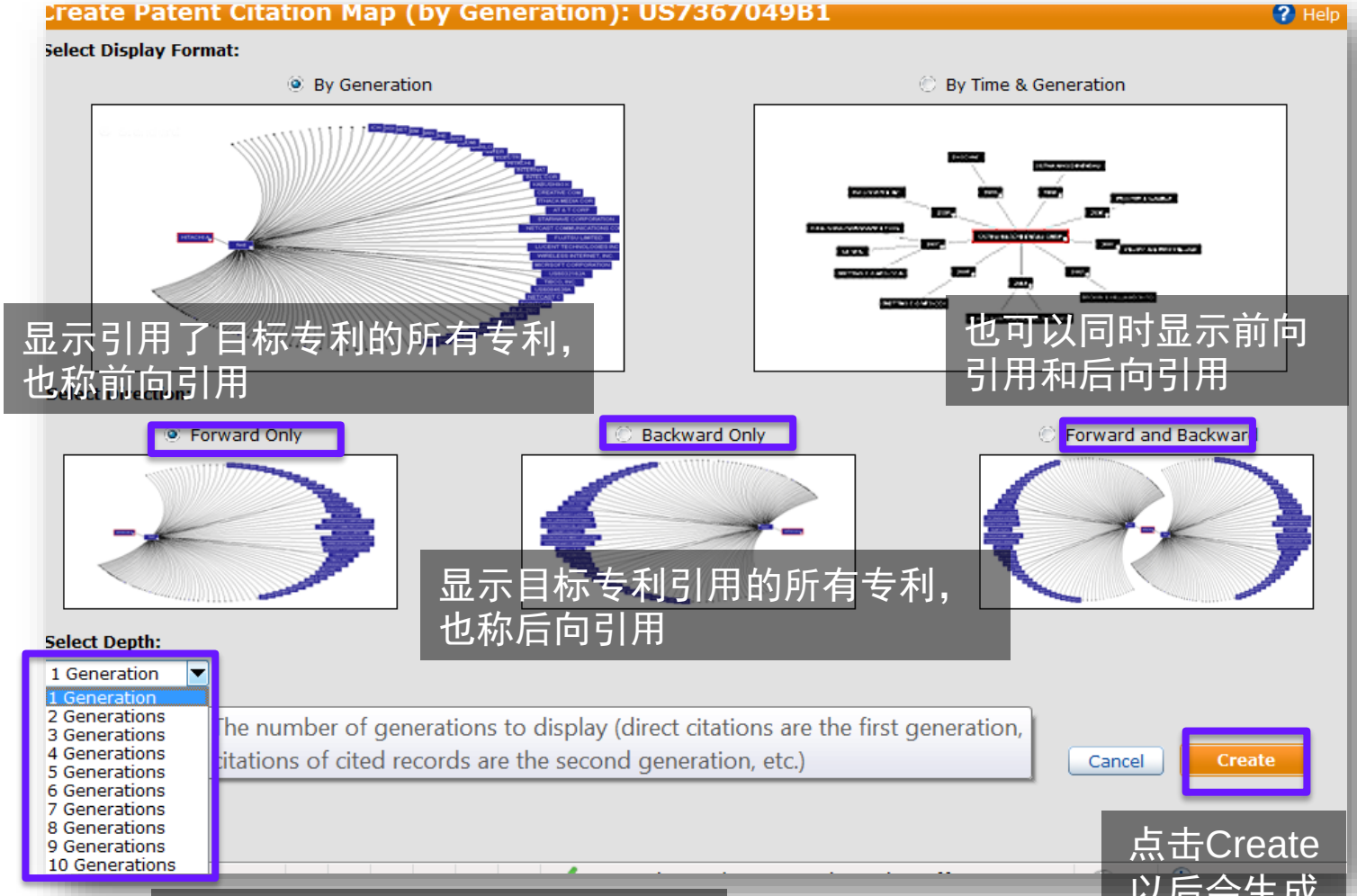
引证关系图

点击Citation Map可以将引证关系进行可视化呈现

只有进入到完整浏览界面才能找到引证关系图

引证关系图可以发掘不同专利之间的联系，利用申请人自己提供的信息和审查员以及后续过程中发现的信息，直接将相关联的专利文件以可视化方式呈现在您的面前。

引证关系图


Create Patent Citation Map (by Generation): US7367049B1
Help
Select Display Format:
By Generation
By Time & Generation
显示引用了目标专利的所有专利，也称前向引用
也可以同时显示前向引用和后向引用
Forward Only
Backward Only
Forward and Backwar
显示目标专利引用的所有专利，也称后向引用
Select Depth:
1 Generation
1 Generation
2 Generations
3 Generations
4 Generations
5 Generations
6 Generations
7 Generations
8 Generations
9 Generations
10 Generations
he number of generations to display (direct citations are the first generation,
itations of cited records are the second generation, etc.)
Cancel
Create
可以选择多个层级的引用，这样会展开每个层级的引用关系
点击Create以后会生成引证关系图

专利地图
ThemeScape

Derwent
Powering IP Innovation

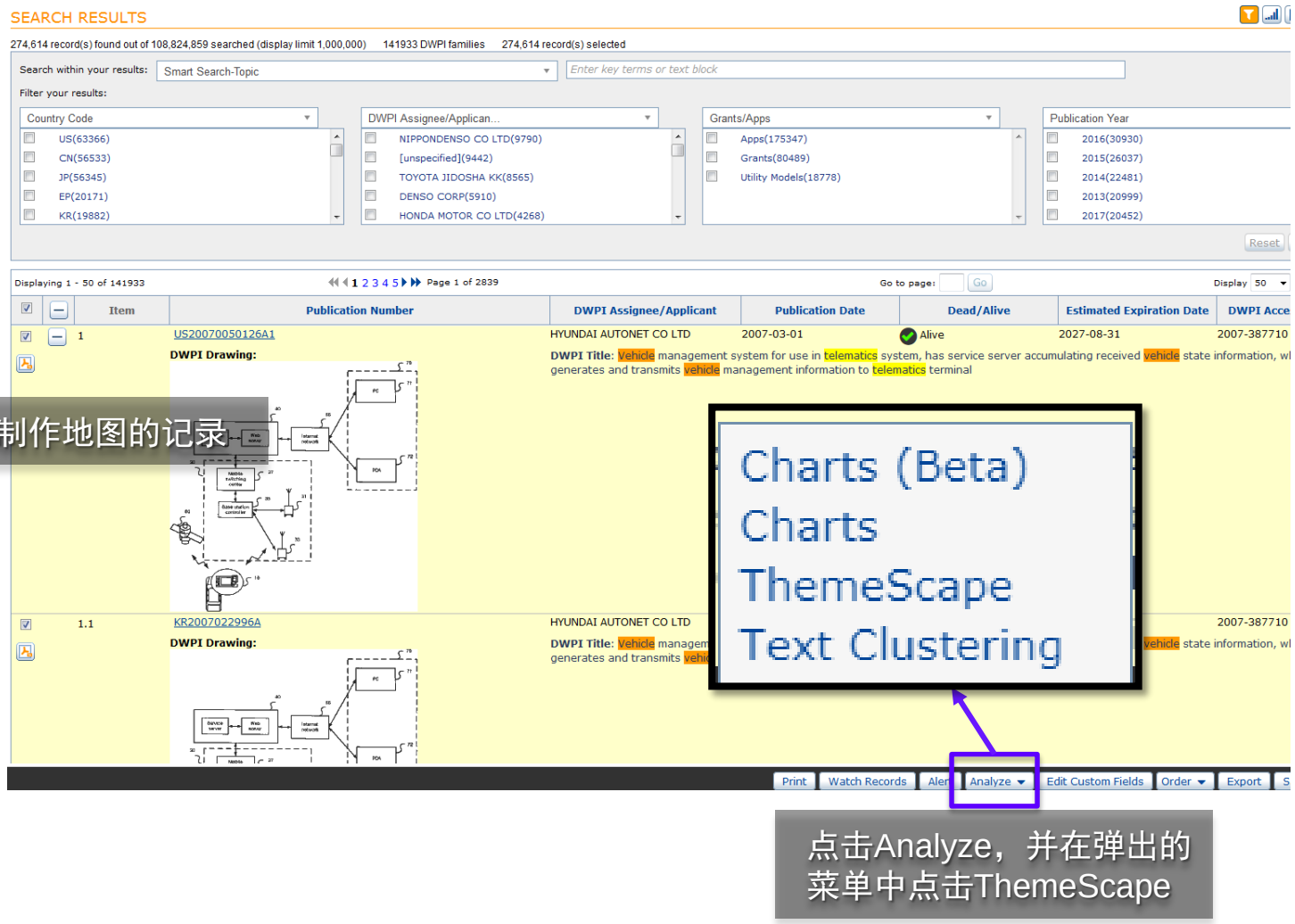
Clarivate
Analytics

专利地图

ThemeScape专利地图制作的主要步骤

1. 选择用于制作地图的专利记录
2. 为地图命名
3. 确定用于分析的字段
4. 确定停止词

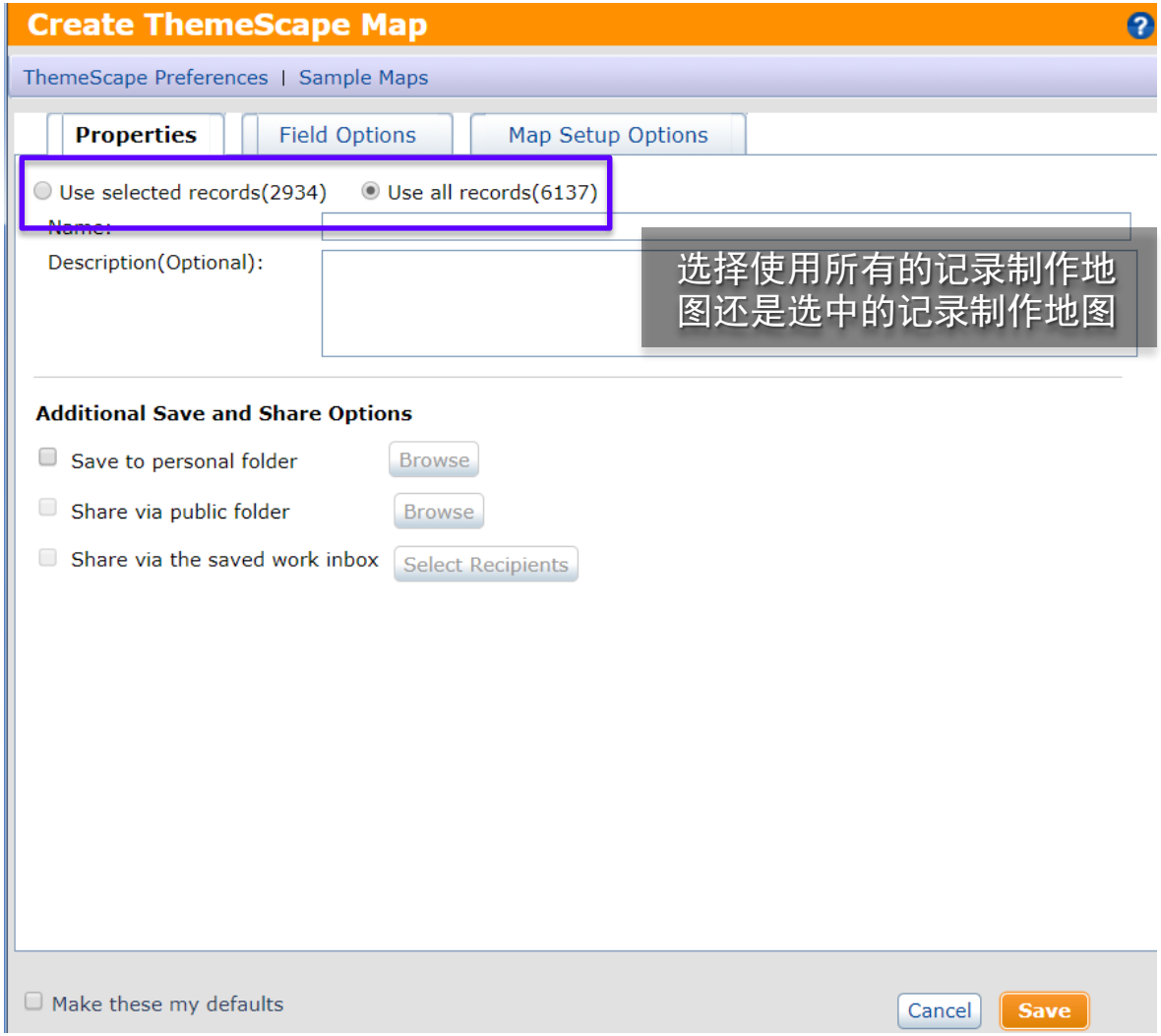
专利地图



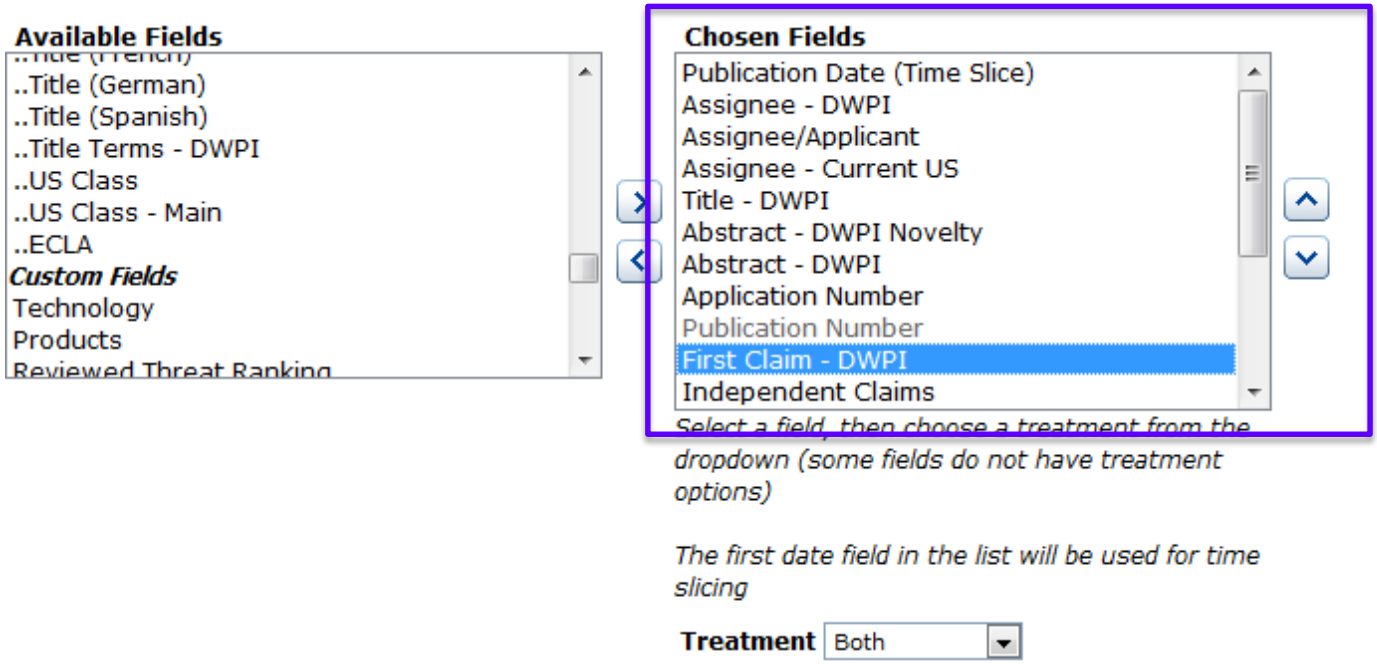
勾选用于制作地图的记录

点击Analyze，并在弹出的菜单中点击ThemeScape

专利地图

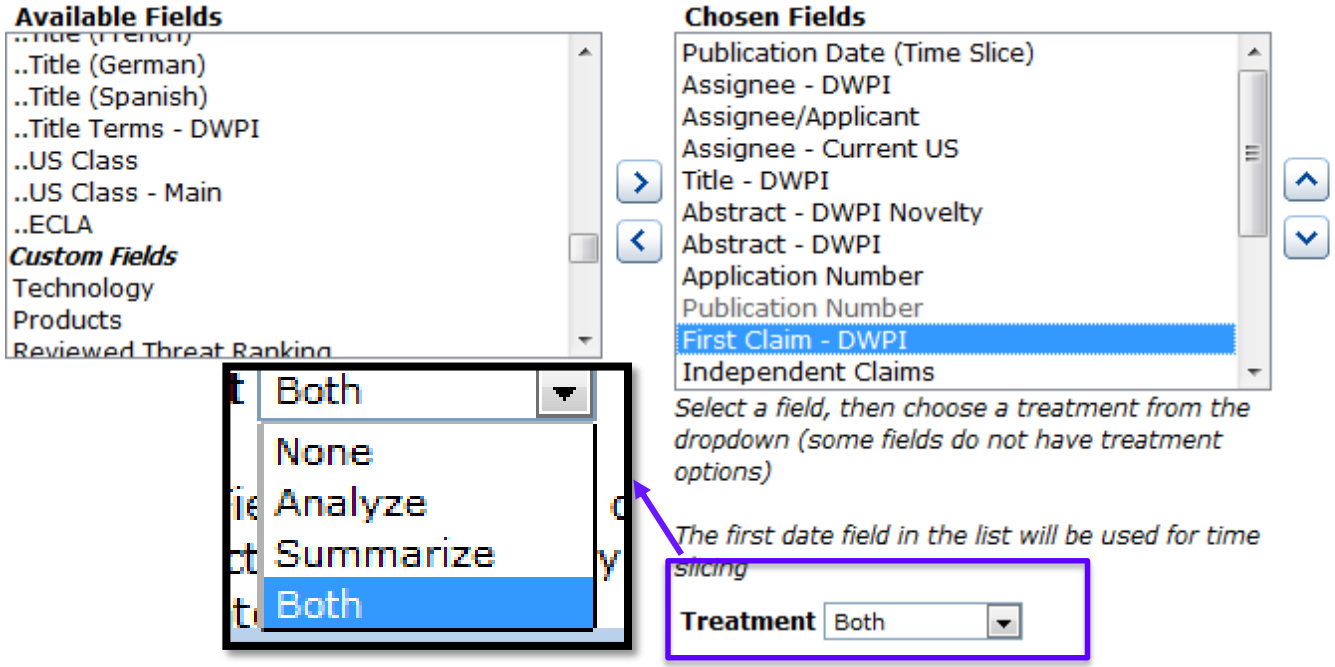

Create ThemeScape Map
ThemeScape Preferences | Sample Maps
Properties
Field Options
Map Setup Options
Use selected records(2934)
Use all records(6137)
Name:
Description(Optional):
选择使用所有的记录制作地图还是选中的记录制作地图
Additional Save and Share Options
Save to personal folder
Browse
Share via public folder
Browse
Share via the saved work inbox
Select Recipients
Make these my defaults
Cancel
Save

专利地图

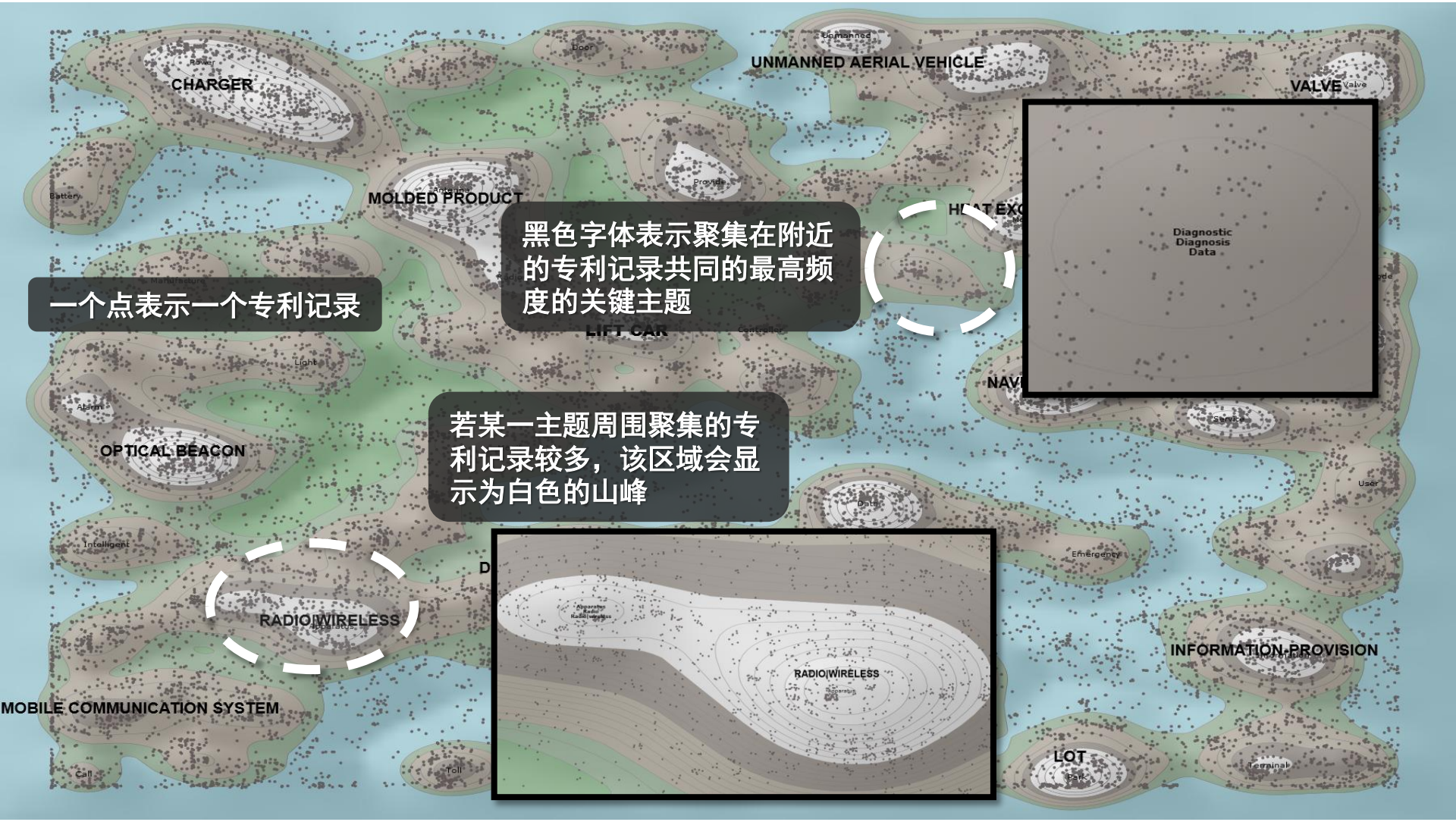


选择字段时，针对不同的目的可以选择不同的字段用于分析
例如，想制作用途的专利地图，可以选择DWPI Use字段进行分析
例如，想制作技术创新点的专利地图，可以选择DWPI Novelty字段进行分析
例如，想制作保护对象的专利地图，可以选择First Claim-DWPI字段进行分析

专利地图



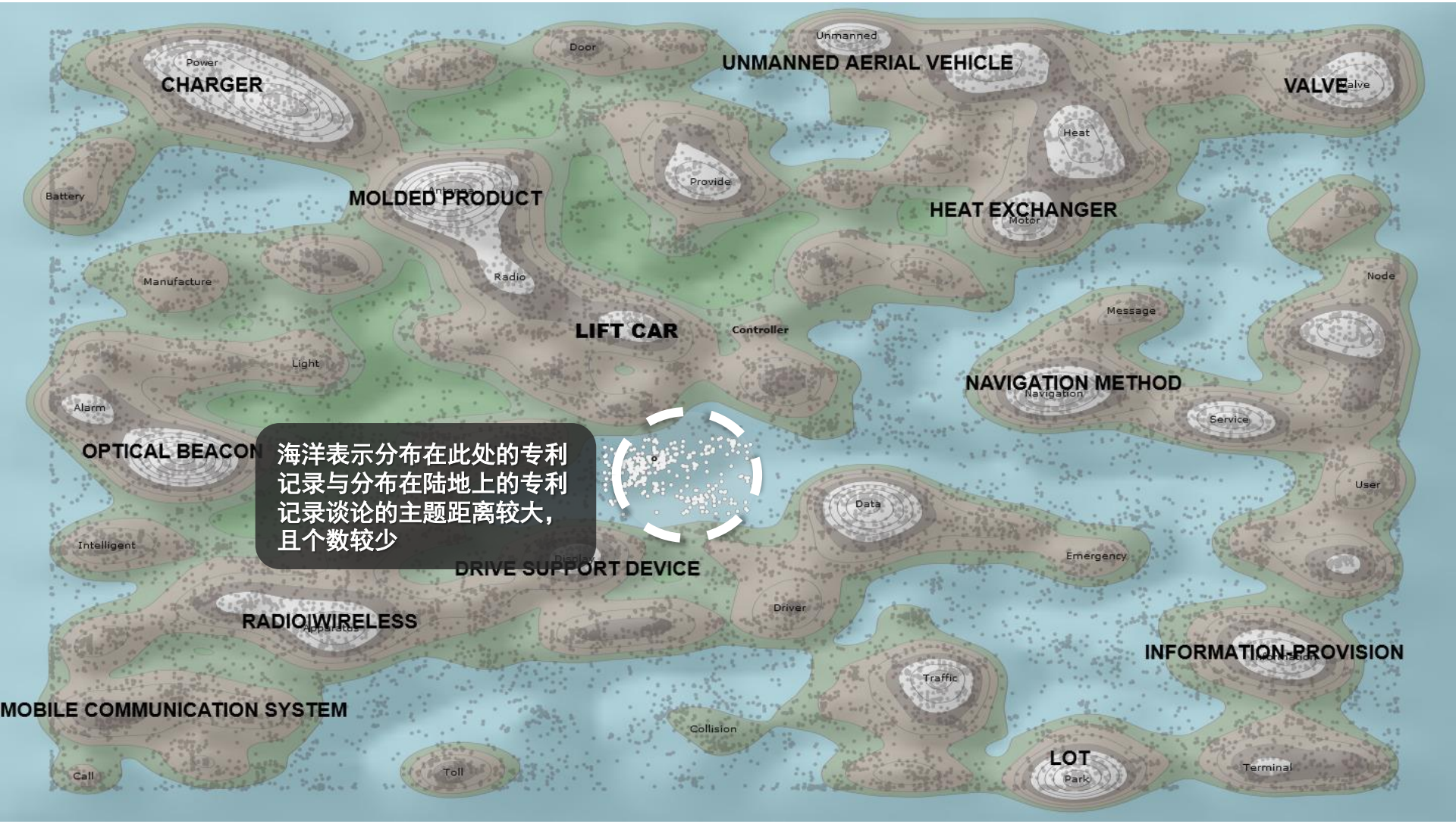
对于每个字段可以采用不同的处理方式：
None：所选字段不分析也不悬浮显示在专利地图中；
Analyze：所选字段会作为分析的依据但是并不悬浮显示在专利地图中；
Summarize：所选字段仅悬浮显示在专利地图中但是并不会作为分析的依据；
Both：所选字段既作为分析的依据也会悬浮显示在专利地图中。



一个点表示一个专利记录

黑色字体表示聚集在附近的专利记录共同的最高频度的关键主题

若某一主题周围聚集的专利记录较多，该区域会显示为白色的山峰


Power
CHARGER
Door
Unmanned
UNMANNED AERIAL VEHICLE
VALVE
Heat
Battery
Antenna
MOLDED PRODUCT
Provide
HEAT EXCHANGER
Motor
Manufacture
Radio
Node
Message
LIFT CAR
Controller
Light
NAVIGATION METHOD
Navigation
Alarm
Service
OPTICAL BEACON
海洋表示分布在此处的专利记录与分布在陆地上的专利记录谈论的主题距离较大，且个数较少
User
Data
Intelligent
Emergency
DRIVE SUPPORT DEVICE
Driver
RADIO WIRELESS
INFORMATION PROVISION
Traffic
MOBILE COMMUNICATION SYSTEM
Collision
LOT
Call
Toll
Park
Terminal

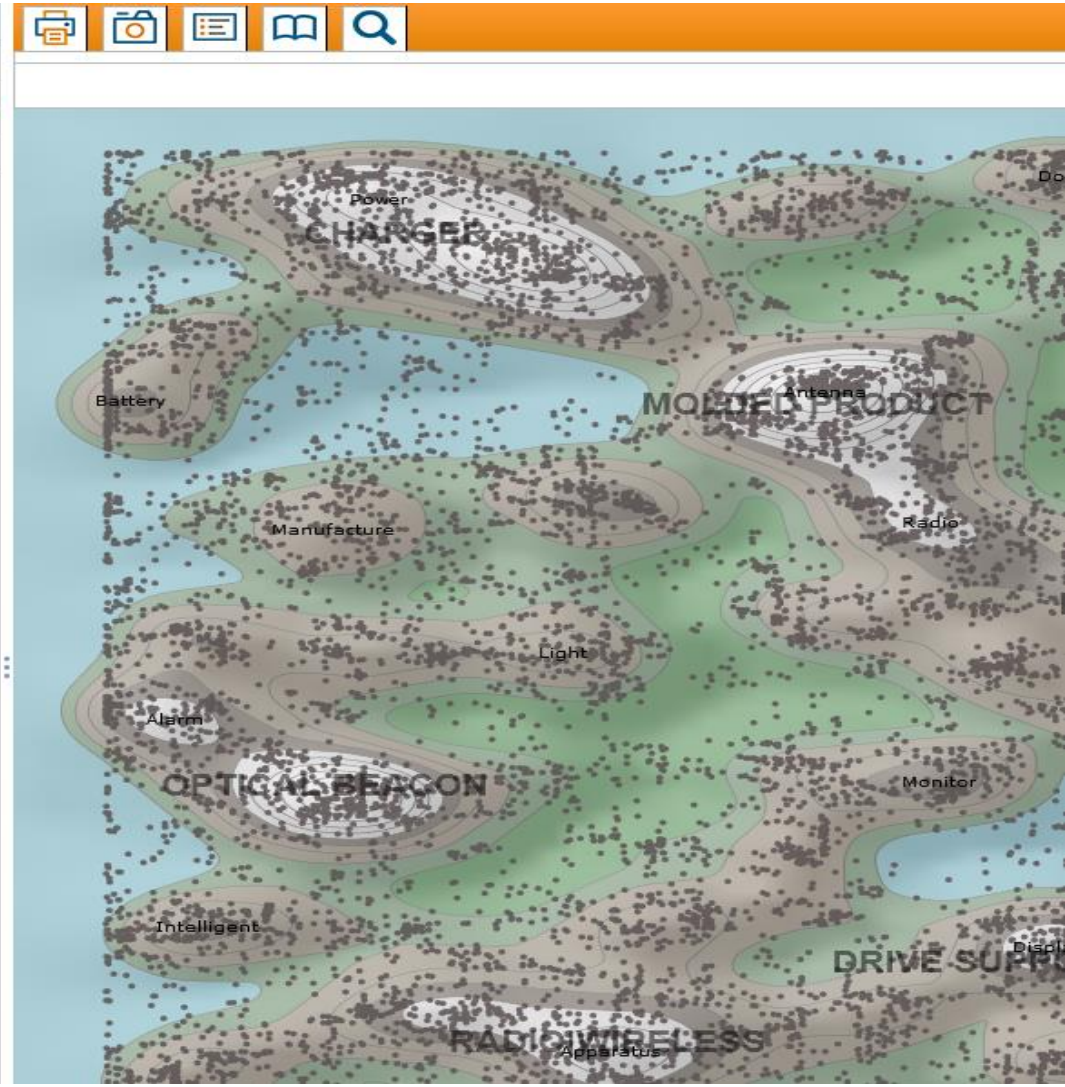
Document Summary
Document Details
Previous
Next
Topics
▼ %
data 87.5%
monitor 76.7%
base 39.7%
provide 30.6%
connect 30.3%
information 30.3%
module 27.8%
remote 24.7%
time 23.9%
network 21.9%
360 document(s) in selection
Publication Number - Title
CN205527122U - Elevator remote real -time monitoring system based on internet
RU2015112824A - DEVICE FOR MONITORING INDICATORS board device VEHICLE
CN203165218U - A vehicle inspection monitoring system
CN204482042U - Vehicle machine monitoring system based on MHL technology
WO2016125111A1 - systems and methods for monitoring and controlling vehicles
CN105096027A - Application used in vehicle license plate production control process and based on RFID
CN201607641U - Electric vehicle remote monitoring system based on CAN bus
GB2523394A - Vehicle data communication
WO2004031906A2 - tributary analysis monitoring system
CN202841378U - Vehicle monitoring system based on 3G communication network
Publication Date
2016-08-31
2016-10-27
2013-08-28
2015-07-15
2016-08-11
2015-11-25
2010-10-13
2015-08-26
2004-04-15
2013-03-27
Mark Page
Displaying: 1 - 10 of 360
选取某一区域后，该区域的关键主题出现的频率将显示在这个区域
选取区域所包含的专利记录的列表将显示在这个区域
UNMANNED AERIAL VEHICLE
VALVE
MOLDED PRODUCT
HEAT EXCHANGER
LIFT CAR
NAVIGATION METHOD
OPTICAL BEACON
DRIVE SUPPORT DEVICE
RADIO WIRELESS
INFORMATION PROVISION
MOBILE COMMUNICATION SYSTEM
LOT
Time Slices
Groups
Publish
Export
Close

Groups

Color Groups | Combine Mode: Union

Name	# Docs
Assignee/Applicant	
DENSO CORP	2,792
TOYOTA MOTOR CORP	1,602
[illegible]	1,116
HYUNDAI MOTOR CO LTD	1,026
HONDA MOTOR CO LTD	935
MATSUSHITA ELECTRIC ...	894
NISSAN MOTOR	760
HITACHI LTD	652
BOSCH GMBH ROBERT	642
SUMITOMO WIRING SYS...	642
GM GLOBAL TECH OPER...	641
TOKAI RIKA CO LTD	608
FORD GLOBAL TECH LLC	567
LG ELECTRONICS INC	562
TOSHIBA CORP	560
NEC CORP	543
TOYOTA MOTOR CO LTD	540
HYUNDAI MOBIS CO LTD	449
Countries	
Dead/Alive	
Estimated Expiration Year	
IPC-4 character	
Publication Year	
Topics	
My Groups	

左侧会有系统自动形成的群组，包括权利人、国家地区等



Groups

Color Groups | Combine Mode: Union

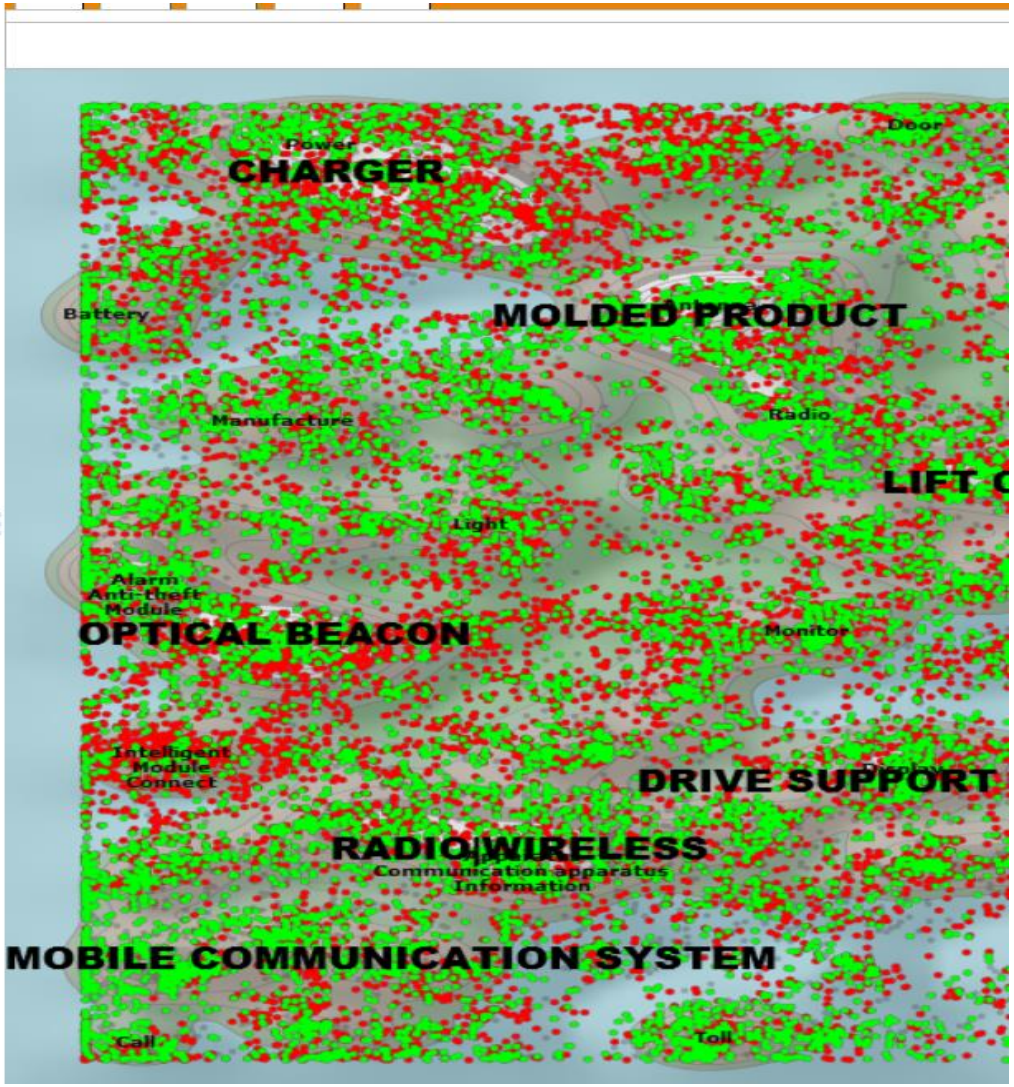
Name	# Docs
Assignee/Applicant	
Countries	
Dead/Alive	
Alive	38,645
Dead	26,345
Indeterminate	20,605
Estimated Expiration Year	
Expired	25,090
[illegible]	1,271
[illegible]	114
Expiring In The Next 5 ...	2,605
Expiring In The Next 10...	13,684
Expiring In The Next 20...	29,360
[Unspecified]	31,137
2026	3,315
2025	3,040
2016	2,979
2015	2,798
2014	2,617
2032	2,289
2033	2,147
2031	2,125
2013	2,027

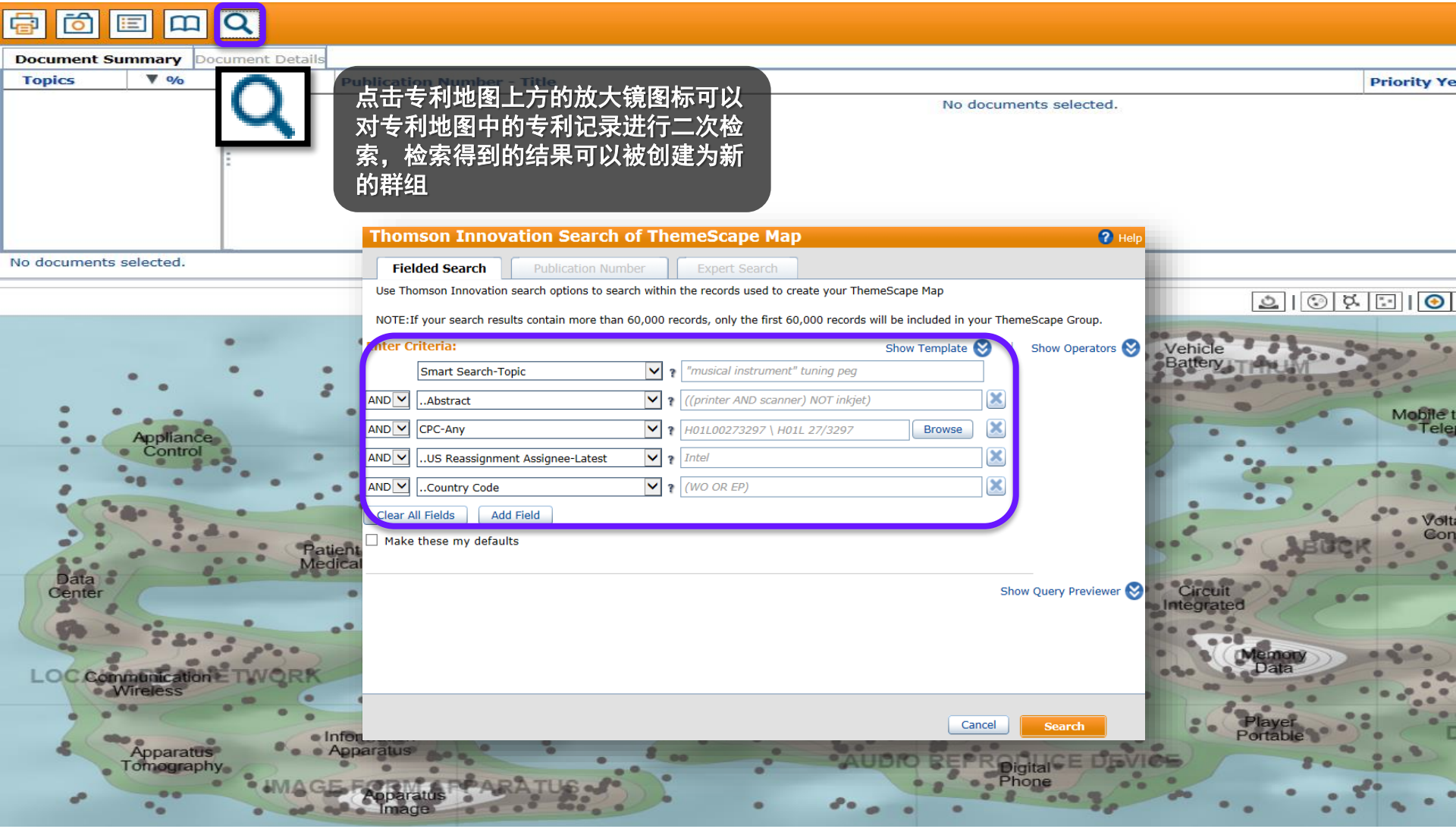
New | Edit | Delete | Copy Group(s)

Time Slices

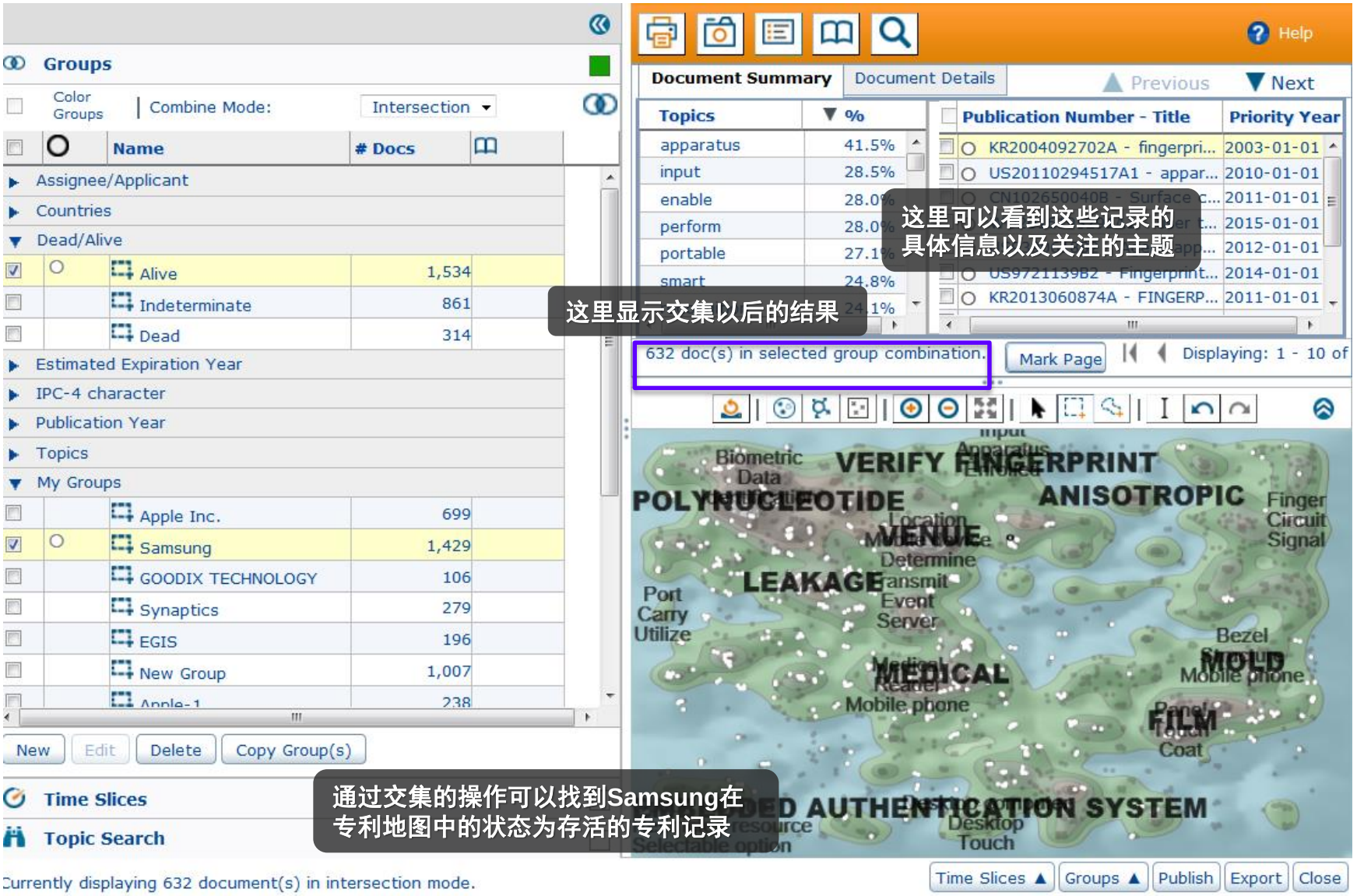
Topic Search

在群组中选择不同的对象，地图上相应的记录会被标记不同的颜色




Document Summary
Document Details
Topics
%
No documents selected.
Priority Ye
No documents selected.
点击专利地图上方的放大镜图标可以对专利地图中的专利记录进行二次检索，检索得到的结果可以被创建为新的群组
Thomson Innovation Search of ThemeScape Map
Help
Fielded Search
Publication Number
Expert Search
Use Thomson Innovation search options to search within the records used to create your ThemeScape Map
NOTE:If your search results contain more than 60,000 records, only the first 60,000 records will be included in your ThemeScape Group.
Enter Criteria:
Show Template
Show Operators
Smart Search-Topic
"musical instrument" tuning peg
AND
..Abstract
((printer AND scanner) NOT inkjet)
CPC-Any
H01L00273297 \ H01L 27/3297
Browse
..US Reassignment Assignee-Latest
Intel
..Country Code
(WO OR EP)
Clear All Fields
Add Field
Make these my defaults
Show Query Previewer
Cancel
Search
Appliance Control
Data Center
Communication Wireless
Apparatus Tomography
Apparatus Image
Digital Phone
Player Portable
Memory Data
Circuit Integrated
Vehicle Battery

Groups
Color Groups
Combine Mode:
Union
Single
Intersection
Union
Difference
Name
Assignee/Applicant
Countries
Dead/Alive
Alive
Indeterminate 861
Dead 314
Estimated Expiration Year
IPC-4 character
Publication Year
Topics
My Groups
Apple Inc. 699
Samsung 1,429
GOODIX TECHNOLOGY 106
Synaptics 279
EGIS 196
New Group 1,007
对同一群组的不同对象以及不同群组的不同对象可以进行交集、合并等操作
Document Su
Topics
apparatus
data
input
enable
determine
portable
perform
2,331 doc(s) in
POLYNUC
Port
Carry
Utilize


Groups
Color Groups
Combine Mode:
Intersection
Name
Docs
Assignee/Applicant
Countries
Dead/Alive
Alive 1,534
Indeterminate 861
Dead 314
Estimated Expiration Year
IPC-4 character
Publication Year
Topics
My Groups
Apple Inc. 699
Samsung 1,429
GOODIX TECHNOLOGY 106
Synaptics 279
EGIS 196
New Group 1,007
New
Edit
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Time Slices
Topic Search
Currently displaying 632 document(s) in intersection mode.
Help
Document Summary
Document Details
Previous
Next
Topics
%
apparatus 41.5%
input 28.5%
enable 28.0%
perform 28.0%
portable 27.1%
smart 24.8%
Publication Number - Title
Priority Year
KR2004092702A - fingerpri... 2003-01-01
US20110294517A1 - appar... 2010-01-01
2011-01-01
2015-01-01
2012-01-01
2014-01-01
KR2013060874A - FINGERP... 2011-01-01
632 doc(s) in selected group combination.
Mark Page
Displaying: 1 - 10 of
这里显示交集以后的结果
这里可以看到这些记录的
具体信息以及关注的主题
通过交集的操作可以找到Samsung在
专利地图中的状态为存活的专利记录
Biometric Data
VERIFY FINGERPRINT
POLYNUCLEOTIDE
ANISOTROPIC
Finger
Circuit
Signal
VENUE
Determine
LEAKAGE
Port
Carry
Utilize
Event
Server
Bezel
MOLD
MEDICAL
Mobile phone
FILM
Coat
Desktop
Touch
Time Slices
Groups
Publish
Export
Close

检索技巧与应用示例1

针对权利人的检索

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Analytics

针对权利人的检索

最简单也是最常见的针对权利人的检索为：直接在“Assignee/Applicant”字段输入权利人的名称

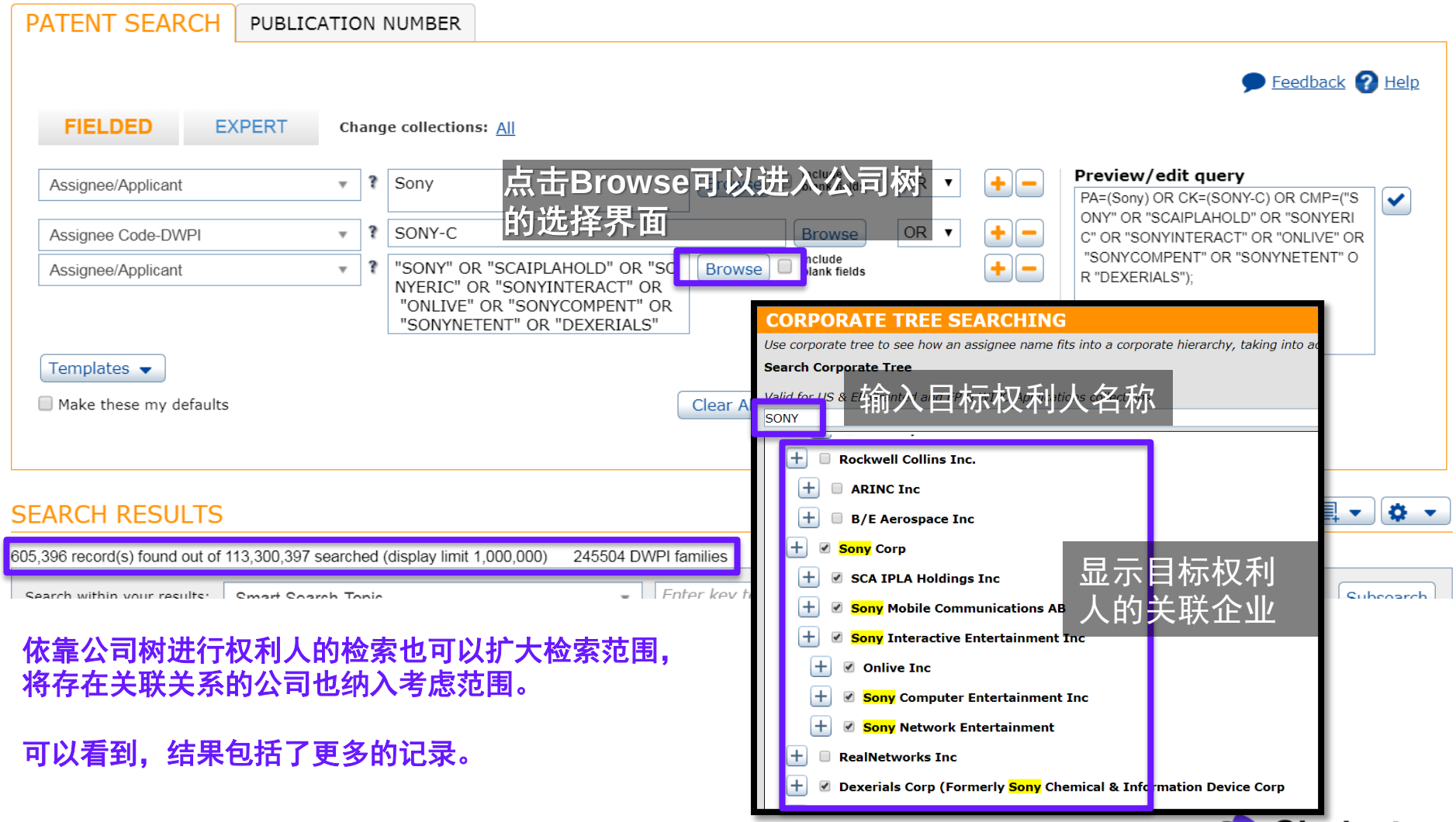
然而这样的方法真的能检索到全部和权利人相关的记录吗？

针对权利人的检索

加入DWPI的专利权人代码可以扩大检索范围，将DWPI整理的属于同一权利人的所有名称都包括进来。

可以看到，检索结果包括了更多的记录。

针对权利人的检索



依靠公司树进行权利人的检索也可以扩大检索范围，将存在关联关系的公司也纳入考虑范围。

可以看到，结果包括了更多的记录。

针对权利人的检索

PATENT SEARCH
PUBLICATION NUMBER
Feedback
Help
FIELDED
EXPERT
Change collections: All
Assignee/Applicant
Sony
Browse
Include blank fields
OR
Assignee Code-DWPI
SONY-C
Browse
OR
Assignee/Applicant
"SONY" OR "SCAIPLAHOLD" OR "SONYERIC" OR "SONYINTERACT" OR "ONLIVE" OR "SONYCOMPENT" OR "SONYNETENT" OR "DEXERIALS"
Browse
Include blank fields
AND
Assignee-Current US
Sony
Include blank fields
Templates
Make these my default
还可以考虑美国专利的转让信息
Clear All Fields
Reset
Search
Preview/edit query
PA=(Sony) OR CK=(SONY-C) OR CMP=("SONY" OR "SCAIPLAHOLD" OR "SONYERIC" OR "SONYINTERACT" OR "ONLIVE" OR "SONYCOMPENT" OR "SONYNETENT" OR "DEXERIALS") AND CAS=(Sony);

检索技巧与应用示例2

一次检索多国专利

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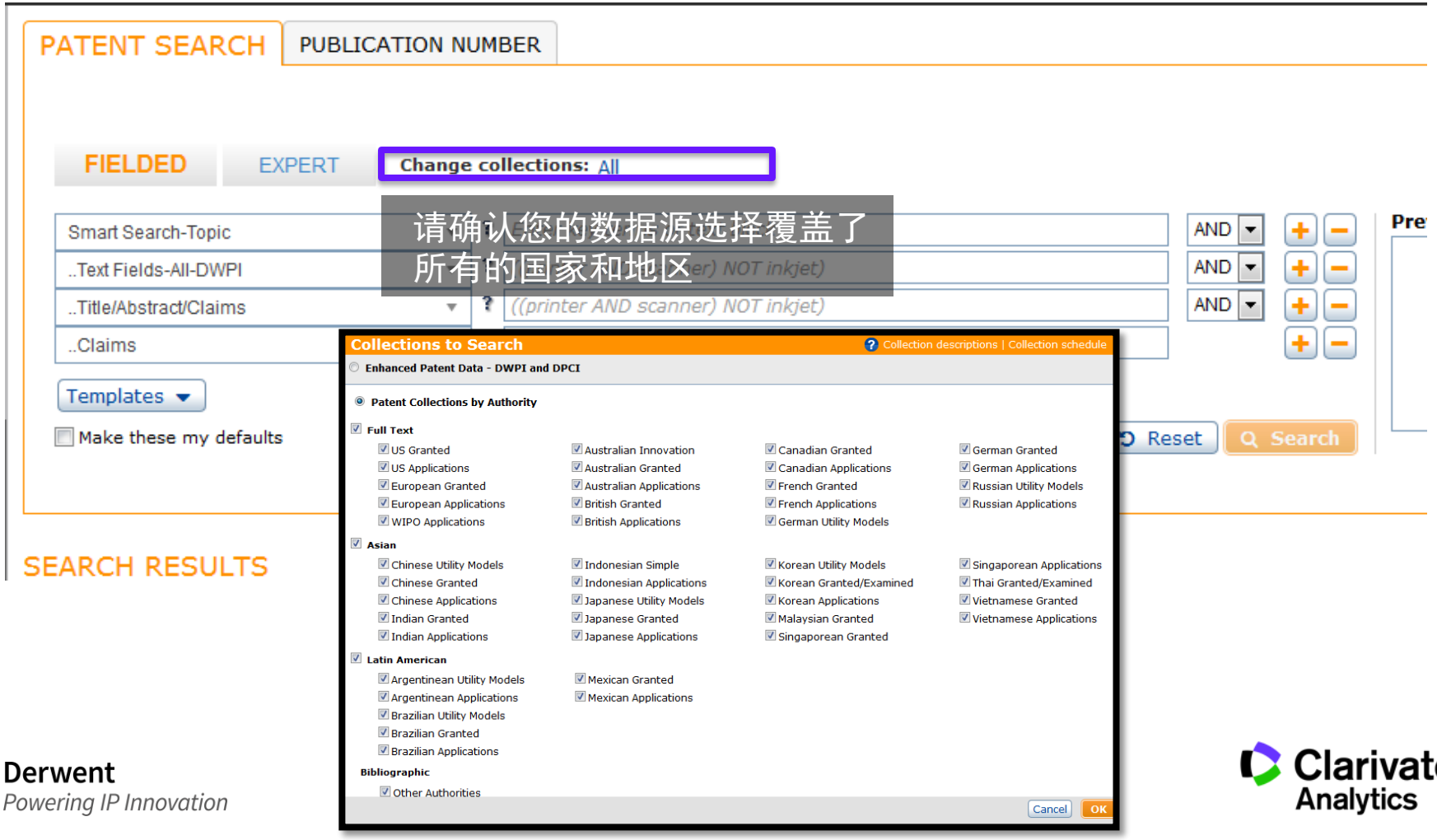
Analytics

一次检索五大专利局的记录



一次检索五大专利局的记录

检索技巧与应用示例3

有关专利引用的检索

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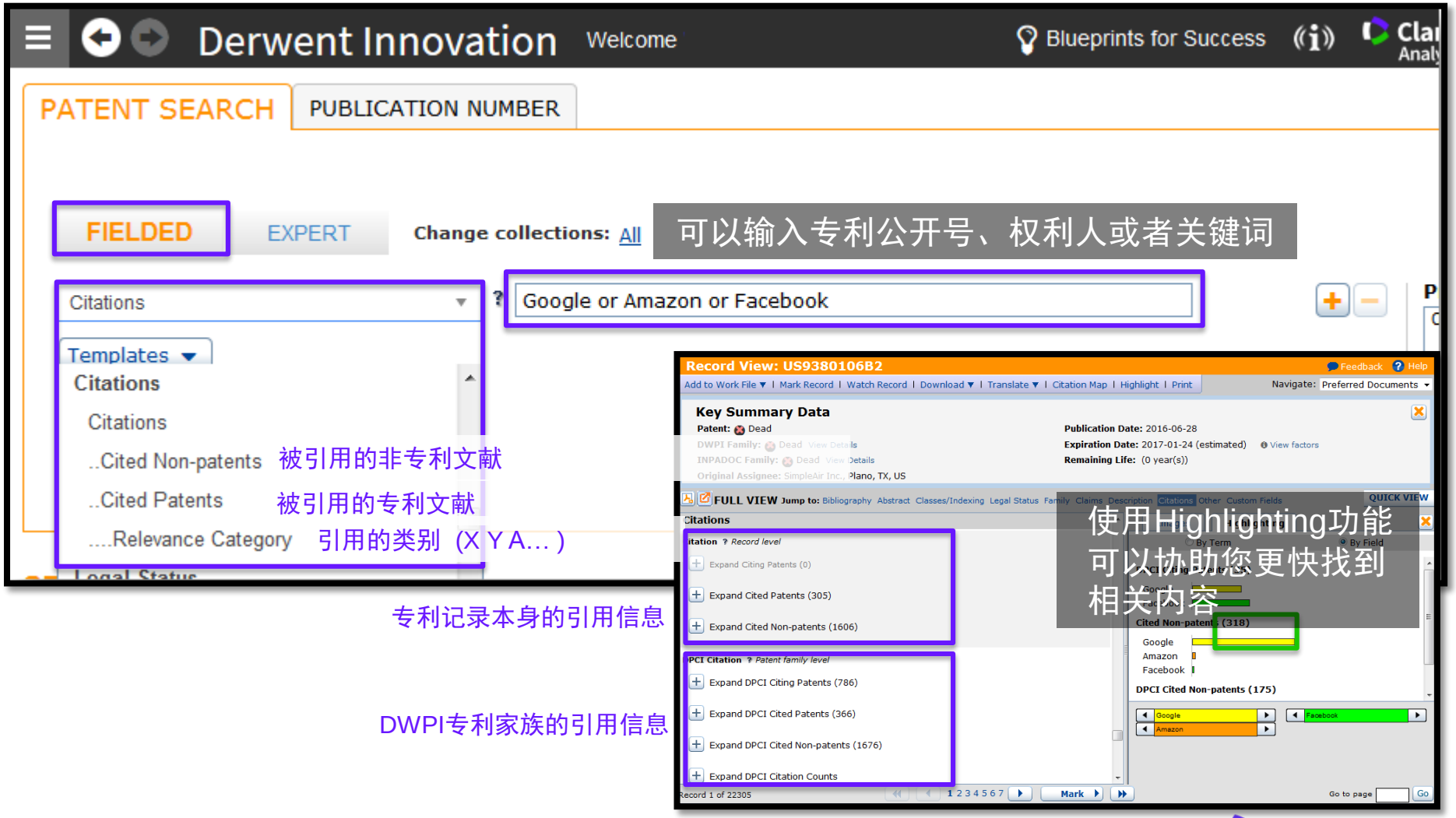
有关专利引用的检索


Derwent Innovation
Welcome
Blueprints for Success
PATENT SEARCH
PUBLICATION NUMBER
FIELDED
EXPERT
Change collections: All
可以输入专利公开号、权利人或者关键词
Citations
Google or Amazon or Facebook
Templates
Citations
Citations
..Cited Non-patents
被引用的非专利文献
..Cited Patents
被引用的专利文献
....Relevance Category
引用的类别（X Y A...）
专利记录本身的引用信息
DWPI专利家族的引用信息
Record View: US9380106B2
Key Summary Data
Expand Cited Patents (305)
Expand Cited Non-patents (1606)
Expand DPCI Citing Patents (786)
Expand DPCI Cited Patents (366)
Expand DPCI Cited Non-patents (1676)
Expand DPCI Citation Counts
使用Highlighting功能
可以协助您更快找到
相关内容

有关专利引用的检索

Derwent Innovation
Welcome
Blueprints for Success
PATENT SEARCH
PUBLICATION NUMBER
在专家检索模式下，能够找到更多的和引用相关的检索
在这里输入DOI号码，可以一次输入多个号码，用空格间隔
FIELDED
EXPERT
Change collections: All
STANDARD FIELD
CUSTOM FIELD
RESOURCES
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Fields | Tags
CPC-Original-Combination Codes CPOC
Citations CI
...Cited Non-patents CIN
...Cited Non-patents-DOI DOI
...Cited Patents CIP
Enter query
DOI=(10.1109/MSP.2010.936019
10.1109/TPAMI.2012.213
10.1109/TPAMI.2010.70
10.1111/j.1600-0668.2006.00445.x
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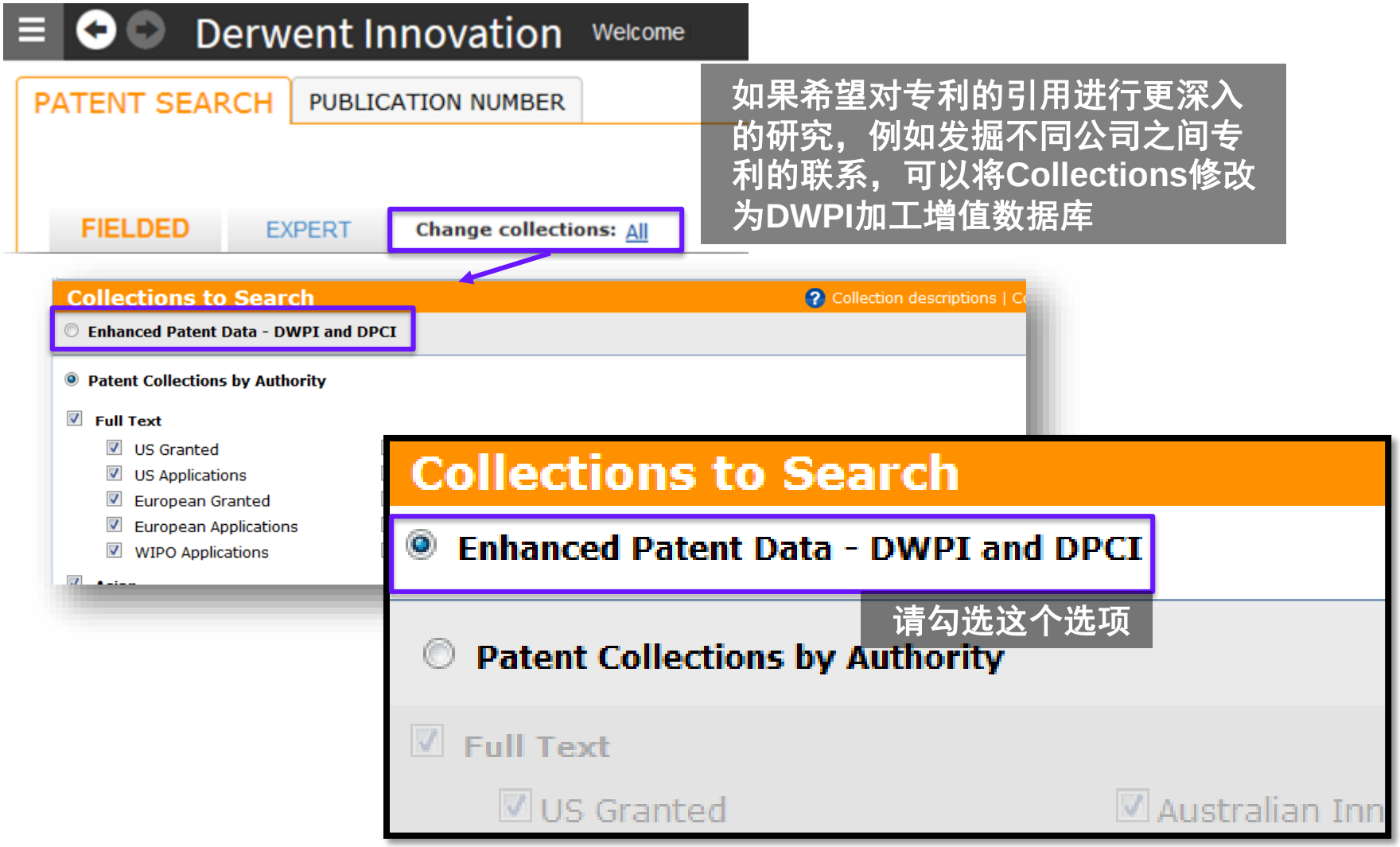
10.1109/TPAMI.2010.168
10.1109/TIP.2009.2035882
10.1016/j.jhydrol.2007.01.010
10.1109/TIP.2006.884929
10.1016/j.jhydrol.2007.11.023
可以通过被引用的非专利文献、书籍找到专利和非专利记录之间的关联
FULL VIEW Jump to: Bibliography Abstract Classes/Indexing Legal Status Family Claims Description Citations Other Custom Fields
Images
Highlighting
By Field
Ken Fukuchi etal., "Saliency-Based Video Segmentationwith Graph Cuts and Sequentially Updated Priors", 2009 IEEE International Conference on Multimedia and Expo at New York, NY, Jun. 28, 2009-Jul. 3, 2009pp. 638-641.
Kaiming He, et al, ; "Single Image Haze Removal Using Dark Channel Prior"; IEEE Transactions on PAMI; vol. 2341-2353; 2011 (13 pages). DOI:10.1109/TPAMI.2010.168 Cited by 7 patents Cited by 483 articles
可以看到找到了专利和非专利记录之间的关联
Extended European Search Report issued in EP Application No. 14200539.6, mailed on Jul. 9, 2015 (7 pages).
Q. Zhao, et al.; Learning visual saliency by combining feature maps in a nonlinear manner using AdaBoost'; Journal of Vision, vol. 12, No. 6; Jun. 15, 2012 (15 pages).
Borji A; Boosting bottom-up and top-down visual features for saliency estimation'; Computer Vision and Pattern Recognition (CVPR); 2012 IEEE Conference ON; Jun. 16, 2012 (8 pages).
10.1109/TPAMI.2010.168

有关专利引用的检索

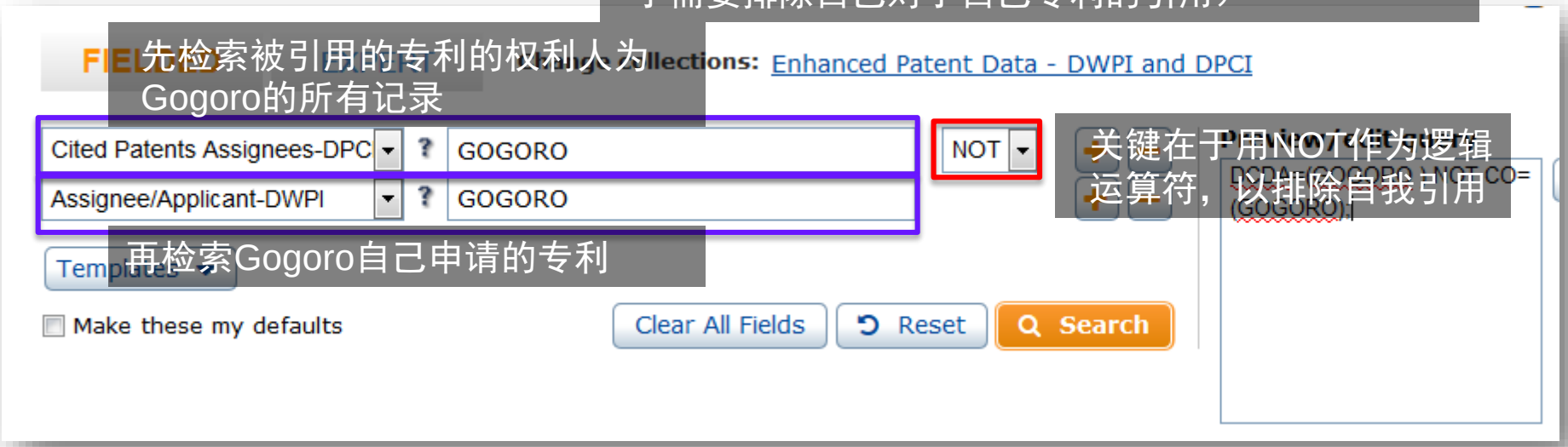

Derwent Innovation
Welcome
PATENT SEARCH
PUBLICATION NUMBER
FIELDED
EXPERT
Change collections: All
如果希望对专利的引用进行更深入的研究，例如发掘不同公司之间专利的联系，可以将Collections修改为DWPI加工增值数据库
Collections to Search
Collection descriptions
Enhanced Patent Data - DWPI and DPCI
Patent Collections by Authority
Full Text
US Granted
US Applications
European Granted
European Applications
WIPO Applications
Collections to Search
Enhanced Patent Data - DWPI and DPCI
请勾选这个选项
Patent Collections by Authority
Full Text
US Granted
Australian Inn

有关专利引用的检索

可以指定被引用专利的权利人、发明人、公开的日期、布局的国家等

例1: 如何找到Gogoro的被他人引用的专利（要点在于需要排除自己对于自己专利的引用）

先检索被引用的专利的权利人为Gogoro的所有记录

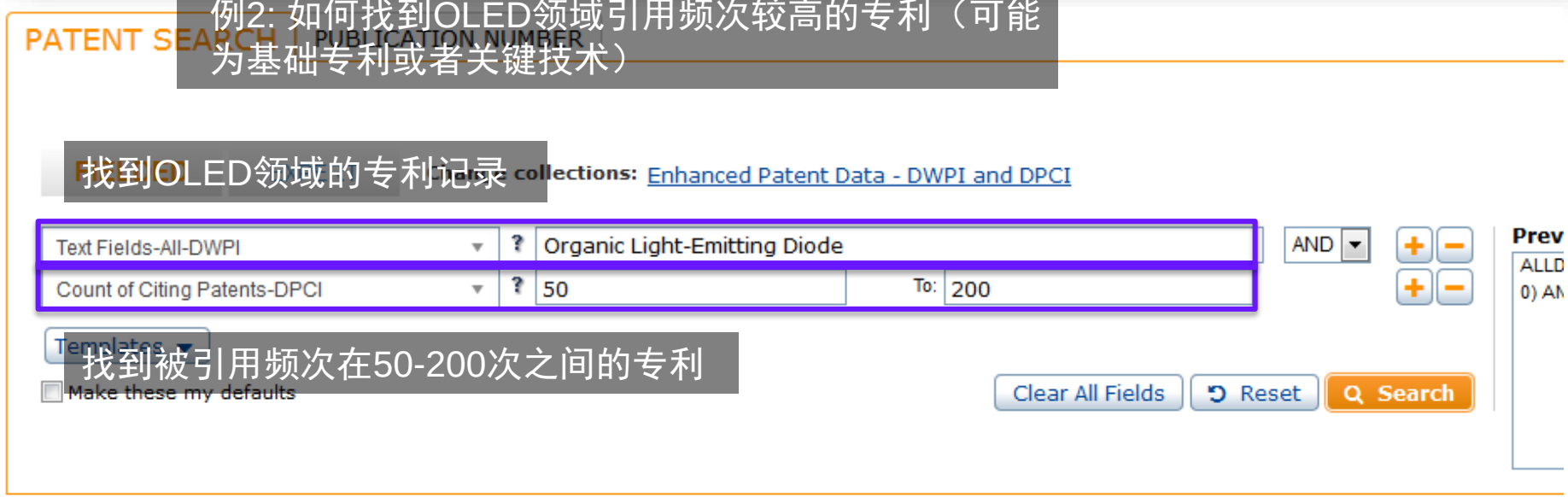


关键在于用NOT作为逻辑运算符，以排除自我引用

再检索Gogoro自己申请的专利

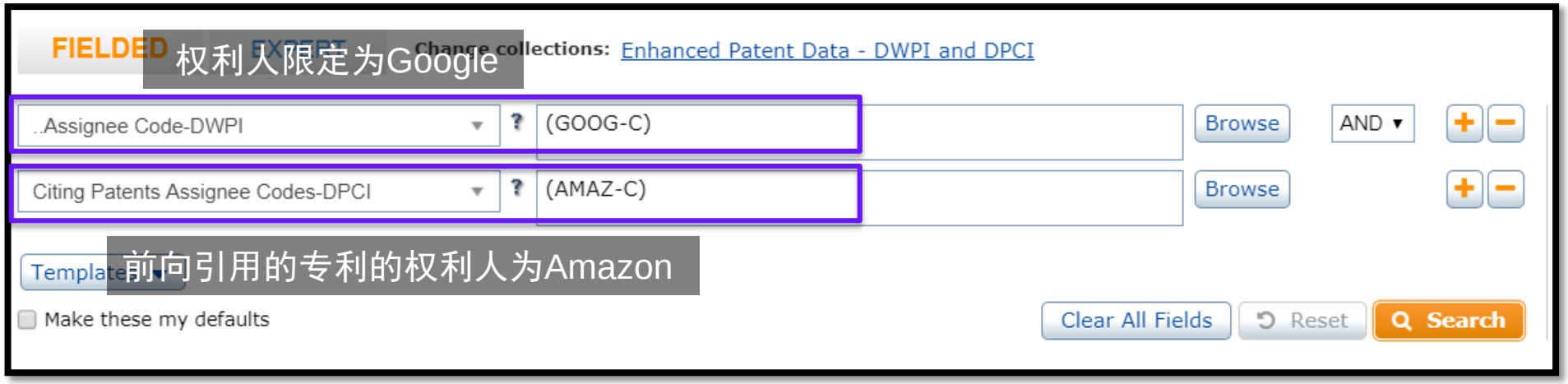
例2: 如何找到OLED领域引用频次较高的专利（可能为基础专利或者关键技术）

找到OLED领域的专利记录



找到被引用频次在50-200次之间的专利

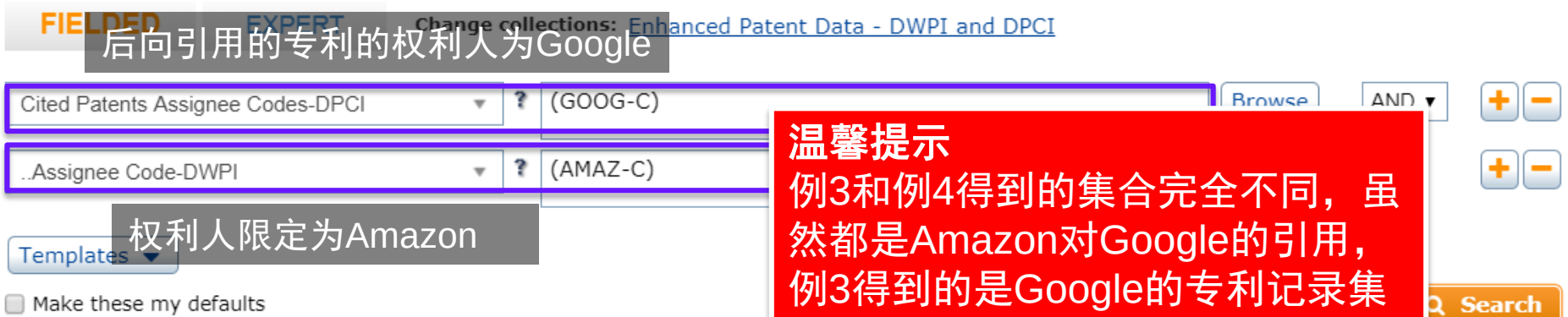
例3: 如何找到被Amazon引用的Google的专利



权利人限定为Google

前向引用的专利的权利人为Amazon

例4:如何找到引用了Google专利的Amazon的专利



后向引用的专利的权利人为Google

权利人限定为Amazon

温馨提示

例3和例4得到的集合完全不同，虽然都是Amazon对Google的引用，例3得到的是Google的专利记录集合，例4得到的是Amazon的专利记录集合

其他在线资源

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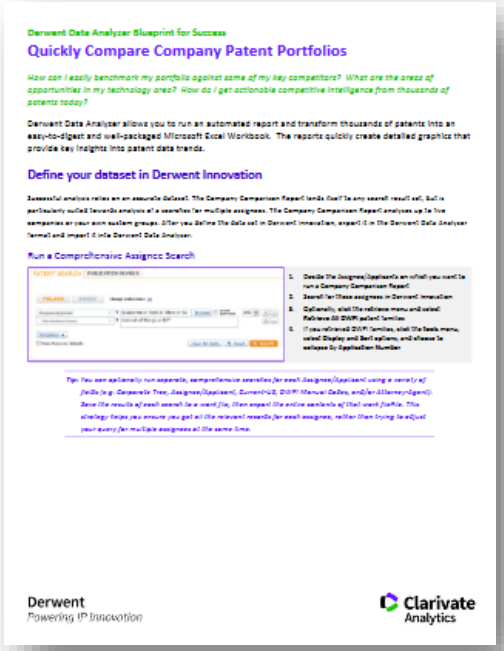
Blueprint for success Links

- Business Development and Prospecting for Law Firms – ***New***
- Quickly Compare Company Patent Portfolios (Derwent Data Analyzer) – ***New***
- Company Report (Derwent Data Analyzer) – ***New***
- Technology Report (Derwent Data Analyzer) – ***New***
- Ensure Freedom to Operate for a New Invention
- Evaluate Portfolios for Mergers, Acquisitions, or Licensing
- Research Chemical Substances and Pharmacology – ***New***
- Analyze the Competitive Landscape in a Technology Space
- Defend and Pursue Patent Litigation
- Keep Aware of Changes in Your Patent Field
- Quickly Research Prior Art for an Invention
- Research Market Trends in a Technology Space
- Research Patents in a Specific Technology Domain
- Identify License Opportunities in Your Patent Portfolio


Derwent Data Analyzer Blueprint for Success

Quickly Compare Company Patent Portfolios

How can I easily benchmark my portfolio against some of my key competitors? What are the areas of opportunities in my technology area? How do I get actionable competitive intelligence from thousands of patents today?

Derwent Data Analyzer allows you to run an automated report and transform thousands of patents into an easy-to-digest and well-packaged Microsoft Excel Workbook. The reports quickly create detailed graphics that provide key insights into patent data trends.

Define your dataset in Derwent Innovation

Run a Comprehensive Assignee Search

Derwent
Powering IP Innovation

Clarivate Analytics

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