

Derwent Innovation

使用者快速上手指南 2018年8月版

Derwent
Powering IP Innovation

 **Clarivate**
Analytics

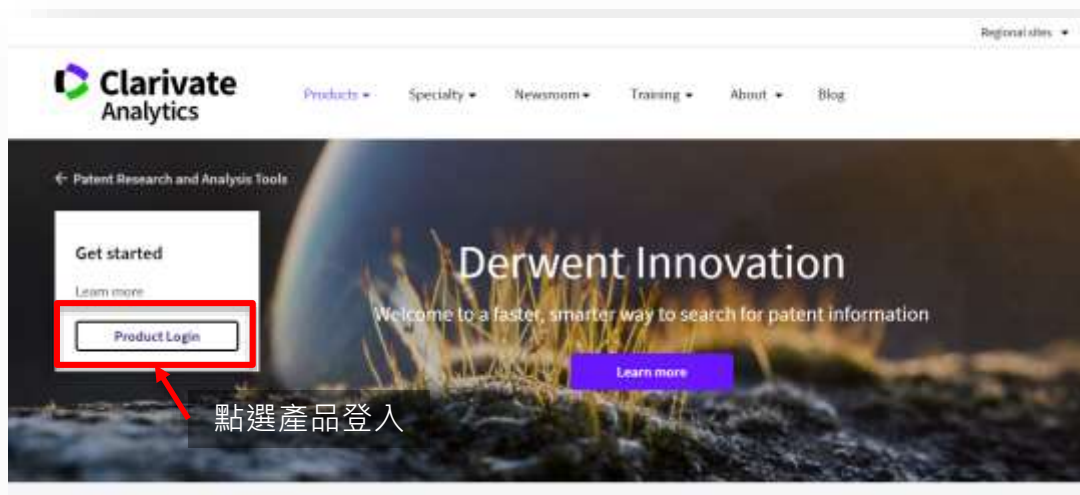
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工作資料夾		聯繫我們
下載中心		
通知中心		

如何登入？

請透過這個連結進入 [Derwent Innovation](https://clarivate.com/products/derwent-innovation/) 的產品登入頁面

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



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附註說明

Derwent Innovation是在雲端運作的專利資料庫。完全不需安裝。使用者可將產品登入頁面加入瀏覽器中的「我的最愛」。

或透過搜尋引擎搜關鍵字

Derwent Innovation



即可找到產品登入頁面



如何登入?

Clarivate Analytics Derwent Innovation

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

Log into Derwent Innovation

EMAIL:

PASSWORD:

[Forgot your password?](#)

Sign in with SSO

輸入您的使用者信箱(帳號)與密碼並點選登入

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附註說明

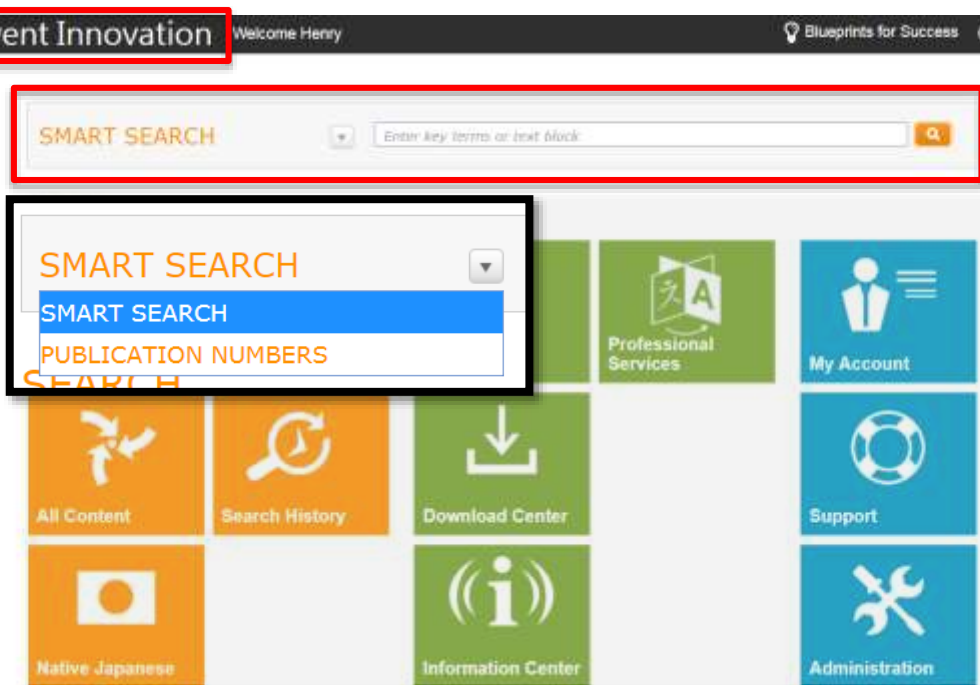
Derwent Innovation的設計是一個帳號對應一個使用者。啟用前便會跟使用者確認登入信箱並要求初次使用的使用者重設新密碼(Forget your password)。

使用者在任何裝置都能隨時登入 Derwent Innovation。惟，後面的登入會將前面的登入給踢出。

認識初始畫面: 快速搜尋欄

左上角的Derwent Innovation是「首頁鍵」
在任何頁面點選都可以跳回初始畫面

快速搜尋欄



附註說明

Smart Search 智慧檢索，使用者可以直接輸入關鍵字或貼上一段技術描述，快速獲得檢索結果。

點選下拉選單可調整為

Publication number，使用者可以輸入一或多個專利號，但必須加入國家代碼 (Country code: US EP JP CN...)



有關於Smart Search的詳細說明請參考下方連結:

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

快速搜尋欄: Smart Search智慧檢索

Derwent Innovation Welcome Henry

Blueprints for Success (i) Clarivate Analytics

直接輸入關鍵字或貼上一段技術描述

SMART SEARCH

autonomous vehicle collision avoidance artificial intelligence



The screenshot shows the Derwent Innovation search results page. The search bar at the top contains the query "autonomous vehicle collision avoidance artificial intelligence". Below the search bar, the results are displayed in a table format. The first result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The second result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The third result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The fourth result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The fifth result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The sixth result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The seventh result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The eighth result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The ninth result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The tenth result is titled "SWPS Drawing" and includes a thumbnail image of a technical drawing. The search results are displayed in a table format with columns for Publication Number, Title, Publication Date, and Status. A red arrow points from the search bar to the search results.

AI輔助檢索，快速獲得檢索結果

快速搜尋欄: Publication number 專利號檢索

PUBLICATION NUMBERS

- US9429943B2
- US20130231824A1
- US20160327949A1
- CN107226088A
- US20170277184A1
- EP3223098A1
- US20170300051A1
- US9996080B2
- US20170248955A1
- GB2549380A
- CN107128304A

直接輸入/貼上專利公開號，必須加上國家代碼

ent Innovation Welcome Henry Blueprints for Success

QUICK SEARCH

Publication Numbers

US9429943B2 US20130231824A1 US20160327949A1 CN107226088A US20170277184A1 EP3223098A1 US20170300051A1 US9996080B2 US20170248955A1 GB2549380A CN107128304A

SEARCH RESULTS

Displaying 1 - 80 of 810

US9429943B2 2016-09-30

DWPE Drawing:

DWPE Title: Distributed information sharing system (DIDS) for artificial intelligence (AI) system for autonomous computing device that associates logic for obtaining route information, and providing route information to user via

Abstract: Various examples are described for an artificial intelligence (AI) system. In one example, an artificial intelligence (AI) system can obtain route information associated with a geographic area and provide the route information to a user in response to a request. In another example, an autonomous user vehicle can receive a request to proceed to a user defined location; obtain route information; and determine a route to the user defined location. In another example, a collision avoidance system can determine if an object is in a path of travel of at least one user vehicle and determine the vehicle based at least in part upon an object determination. In an accident reporting system can determine the occurrence of a collision of a vehicle, obtain recordings of the surrounding vehicles, and report the collision.

US20130231824A1 2016-11-10

DWPE Title: Autonomous user vehicle for use in artificial intelligence (AI) system has autonomous user vehicle information associated with geographic area, and determines route to user defined pick-up location.

快速獲得對應這些專利號的專利

認識初始畫面: 完整檢索功能



The screenshot displays the Derwent Innovation website interface. At the top, there is a navigation bar with the logo "Derwent Innovation" and the text "Welcome Henry". To the right of the navigation bar are links for "Blueprints for Success", a help icon, and "Clarivate Analytics". Below the navigation bar is a search bar labeled "SMART SEARCH" with a search input field and a search button. The main content area features a grid of search options under the heading "SEARCH". A red box highlights the search options: Patent, Literature, All Content, Search History, and Native Japanese. To the right of the search options, there is a text box with a list of search modes and a list of other navigation options.

點選下方的**橘色方塊**，進入完整的檢索功能模式：

- 專利檢索(Patent)
- 科學文獻檢索(Literature)
- 專利加文獻同步檢索(All Content)
- 檢索歷史儲存(Search History)
- 日文檢索(Native Japanese)

Information Center Administration

附註說明

快速檢索強調速度快、方便、直覺，但支援的欄位條件只有智慧檢索及公開號檢索。若要執行更精細的檢索作業，以支持您輸入更多的檢索條件，可點選檢索方塊進入**完整檢索功能**。

Derwent Innovation預設的檢索方塊為專利檢索及檢索歷史。另外，使用者還可以進一步選配科學文獻與日文檢索模組。

認識初始畫面: 完整檢索功能

Derwent Innovation Welcome Henry Blueprints for Success Clivate Analytics

SMART SEARCH Enter key terms or text block

點選下方的綠色方塊，您在Derwent Innovation上的各項操作都會自動保存

- 工作儲存區 (SAVE WORK)
- 下載中心 (Download Center)
- 應用資訊中心 (Information Center)



附註說明

Derwent Innovation是雲端平台，所有的儲存都會自動保存在使用者的帳號內，使用者可在**SAVE WORK**中找到儲存的資料夾、圖表、檢索式...隨時可以檢視。如有需要也可再輸出或下載至使用者的本機端。



認識初始畫面: 完整檢索功能

SMART SEARCH 🔍

SEARCH

Patent Literature Saved Work Professional Services

All Content Search History Download Center

Native Japanese Information Center

點選下方的藍色方塊，您可將喜歡的工作環境設成預設，或管理帳戶

- 我的帳號設定 (My Account)
- 系統支援區 (Support)
- 組織帳號管理者區 (Administration)

My Account

Support

Administration

附註說明

做為一個專業資料庫，幫助文件 (HELP)的完整度關係到使用者是否能查到相關的操作資訊。**Derwent Innovation**的**HELP**就做得非常的完整。除了各項功能定義，甚至加入了「如何上手?」「使用技巧」「線上操作影音(Youtube)」等資源。使用者除了可以在Support找到HELP，在操作過程中看到任何的問號符式都可以點選以獲得該功能更多說明。

有關**HELP**更多資訊請參考連結
<http://www.derwentinnovation.com/tip-innovation/support/help/index.htm>

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[查看專利內容](#)

[引證分析圖 Citation Map](#)

[匯出](#)

[下載](#)

[儲存](#)

[追蹤](#)

[檢索歷史](#)



完整檢索功能: 專利欄位檢索

PATENT SEARCH PUBLICATION NUMBER

Collection 選擇資料範圍(ALL)

Feedback Help

FIELD EXPERT Change collections: All

欄位間以布林邏輯(AND OR NOT)串連

Assignee/Applicant Toyota or nissan or honda Browse

Title/Abstract/Claims (FC Stack or fuel cell stack OR fuel cell or fuel battery) and (car or vehicle) Browse

IPC-Amy (H01M000804291) OR (H01M000804298) OR (H01M00082475) OR (H01M001204) OR (H01M001208) Browse

AND AND

點選加號或減號新增(或移除)更多欄位

Q Search

第一步驟 輸入您的檢索條件:
 幾個常用欄位 defaults
 檢索專利權人可選擇 Assignee/Applicant
 檢索技術關鍵字可選擇 Title/Abstract/Claim

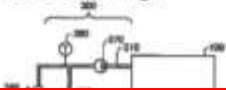
第二步驟: 點選檢索

SEARCH RESULTS

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 connected to the cooling liquid supply path to feed the cooling liquid to the fuel cell.</p>						

第三步驟: 檢視檢索結果 (顯示如下)

專利欄位檢索: 選擇資料庫範圍

The screenshot shows the Derwent Patent Search interface. At the top, there is a search bar with 'PATENT SEARCH' and 'PUBLICATION NUMBER' tabs. Below the search bar, there are buttons for 'FIELDDED' and 'EXPERT'. A red box highlights the 'Change collections: All' button. Below this, a dialog box titled 'Collections to Search' is open. The dialog box has a tab for 'Collection description | Collection schedule'. The dialog box contains a list of collections to search, organized by authority. A red arrow points from the 'Change collections: All' button to the 'Other Authorities' option under the 'Bibliographic' section. A text box explains that this option includes Taiwan, Hong Kong, and Singapore. Another text box explains that the 'Collection description' and 'Collection schedule' tabs allow users to query the collection range and update schedule of each database.

查詢各資料庫的收錄範圍 Collection description
及資料庫的更新時程 Collection Schedule

台灣、香港、新加坡...收錄於Other Authorities選項中

附註說明

無論您的檢索式下的再好，Collection未勾選的國家/地區資料庫，檢索結果都不會顯示該國家/地區的專利。為確保您的檢索式可以找到最廣的結果，Collection建議保持全選All。

有關於Collection的完整收錄範圍請參考下方連結：
<http://www.derwentinnovation.com/tip-innovation/support/help/index.htm#introduction.htm>

專利欄位檢索: 基本常用欄位

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

Text Fields ? (printer AND scanner) + -

Text Fields: 檢索專利上全部的內容有符合檢索條件的目標

Clear All Fields Reset Search

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

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

Title/Abstract/Claims: 檢索專利文件的標題/摘要/請求項任一欄位的內容有符合檢索條件的目標

Clear All Fields Reset Search

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

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

Assignee/Applicant: 檢索專利權人(企業名稱/組織單位名稱/學校名稱/自然人名稱...)

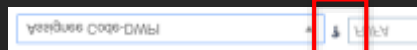
Make these my defaults

Clear All Fields Reset Search

附註說明

「欄位 Field」是資料庫的重要概念，文件中不同的欄位記載著不同特性的內容。例如: 申請人欄位記載著申請人的資訊、請求項欄位記載著所主張技術的描述、引用/被引用欄位記載著與該專利相關聯的前、後案...

使用者應瞭解各欄位的特性，並善用其特性做更精準的檢索。可在選好欄位後點選右側的“?”得到該欄位的定義。



專利欄位檢索:基本常用欄位

FIELD **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: 檢索來自於指定國家/地區的專利，常用於搭配其他檢索條件限縮

Clear All Fields Reset Search

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

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

Priority Year(s) 2013 To 2018 + -

Priority Year(s): 檢索來自於該優先權年區間的專利

Clear All Fields Reset Search

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

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

CPC-Any (B29C006400) Browse + -

CPC- Any: 檢索歷年各版本CPC分類號，使用者可進一步在右側 **Browse** 查詢分類號

Clear All Fields Reset Search

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附註說明

Derwent Innovation上的欄位部分會有Earliest的字樣，例如: Priority Year-Earliest。當使用者選取有該字樣的欄位，則系統檢索標的為專利文件上(若有)多個優先權號，比對其中最早的一個是否符合檢索條件，顯示該結果。

國家代碼可於下列網址查詢

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

完整檢索功能:專利公開號檢索

自欄位檢索切換成專利公開號檢索

PATENT SEARCH

PUBLICATION NUMBER

Number type:

- Patent Publication Number
- DWPI Accession Number

Output type:

- Result Set
- Work File
- Print Copies
- File History
- Patent Images

針對這些專利號的「特殊檢索需求」

預設是None；您也可設定檢索與所輸入專利號相關的其他資訊

Specialized Search options: None

Make these my defaults

貼上您要檢索的專利公開號

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
```

Specialized Search options

None

None

Make these my defaults

Family Look-Up INPADOC
Family Look-Up DWPI

Patent Citations Forward
Patent Citations Backward
Patent Citations Both

Family Look-up

找出與這些專利號相關的專利家族成員

SEARCH RESULTS

Item

No records

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

Patent Citations

找出相關引用(Backward)/被引用(Forward)

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查看檢索結果

The screenshot shows the Derwent Innovation search results interface. A search for '1680 #IPADOC families' has returned 2,446 records. The interface includes a sidebar with navigation options like 'PATENT', 'LITERATURE', and 'ALL CONTENT'. The main area displays a list of patent entries, each with a 'DWPI Drawing' thumbnail and a brief abstract. Annotations include:

- A red box highlights the search results summary: "2,446 record(s) found out of 114,958,361 searched (display limit 1,000,000) 1680 #IPADOC families 0 record(s) selected".
- A red box highlights the patent number 'KE181205B1' in the first entry.
- A red box highlights the PDF icon for the first entry.
- A red box highlights the 'Print' button in the bottom toolbar.
- A red arrow points from the '功能列' (toolbar) text to the 'Print' button.

查看檢索結果總專利數量、專利家族數量

點選專利號後查看內容，或勾選專利，以進行其他處理(批次下載、批次輸出、追蹤該專利...)

點選PDF開啟專利說明書原始檔案

功能列(由左至右):
列印、追蹤特定專利(需勾選)、追蹤當前的檢索式(未來有更新會通知)、分析當前的檢索結果、自定義欄位、下載專利文件、將專利內容輸出(Excel, pdf, txt...)、儲存本次檢索、將檢索結果加到雲端資料夾

附註說明

「單次顯示最高上限是100萬筆」，但檢索結果上顯示的專利總數不受顯示上限限制。若使用者的檢索結果真的超過100萬件，且希望能顯示超過100萬筆的結果，則需要透過例如：分切時間或加入其他限縮條件，將每次顯示的結果切割成100萬件以下來達成。

查看檢索結果

SEARCH RESULTS

149,229 records (完整的檢索結果數 1,000,000) 320 DWPI families 檢索結果的專利家族數量

Displaying 1 - 50 of 53420 << 1 2 3 4 5 >> Page 1 of 1069

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

勾選或展開所有專利(含每個家族成員)

附註說明

雖然Derwent Innovation單次顯示最高上限是100萬筆，但檢索結果上方的結果總數並不受顯示上限限制，顯示的即為檢索條件能找到的完整數量。

查看檢索結果: 篩選器 & 檢索結果顯示調整

The screenshot shows a search results interface with a red box highlighting the filter and display adjustment icons. A dark grey tooltip box is overlaid on the right side, explaining the icons.

由左至右

- 篩選器:** 可統計「檢索結果」的各項統計 (申請人、國家、年份、引用....)
- 圖表篩選器:** 以圖表方式呈現檢索結果的各項統計
- 檢索結果選項:** 取得目前檢索結果的所有家族成員或優化申請人的相關專利
- 顯示選項:** 調整檢索結果呈現方式 (圖式大小、顯示欄位、排序方式、....)

查看檢索結果: 篩選器



篩選器:

可統計「檢索結果」的各項統計 (申請人、國家、年份、引用...)

SEARCH RESULTS

再檢索: 基於目前的檢索結果找出符合條件的限縮結果



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>專利擁有者(AI輔助)</p> <ul style="list-style-type: none"> GOOGLE INC(99) MOBLEYE VISION TECHNOLOGIES(96) IROBOT CORP(71) TOYOTA JIDOSHA KK(57) DEERE & CO(54) 	<p>專利生死狀態(AI輔助)</p> <ul style="list-style-type: none"> Indeterminate(481) Alive(473) Dead(46) 	<p>市場在哪?</p> <ul style="list-style-type: none"> US(715) WO(136) EP(62) CN(22) AU(15) 	<p>時間趨勢</p> <ul style="list-style-type: none"> 2017(294) 2018(285) 2016(144) 2015(72) 2013(38)

查看檢索結果: 圖表篩選器

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 (130)
EP (62)

Disclaimer



Reset Filter Results

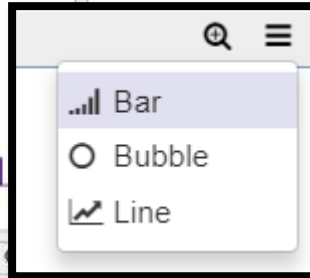


圖表篩選器:

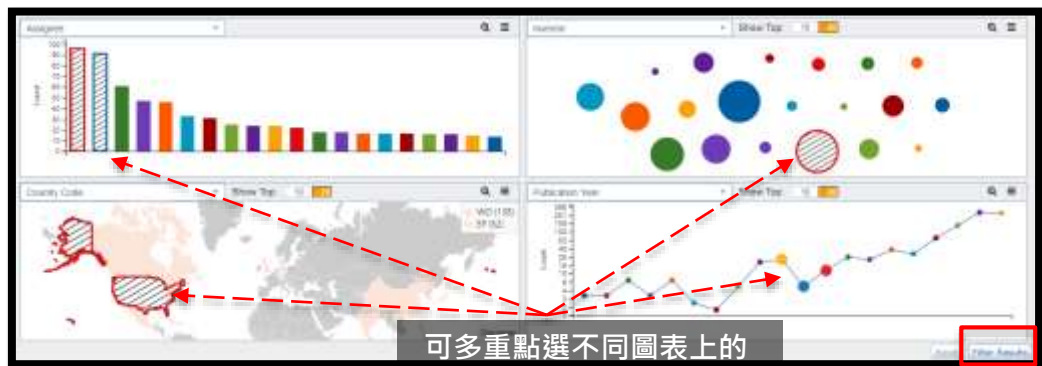
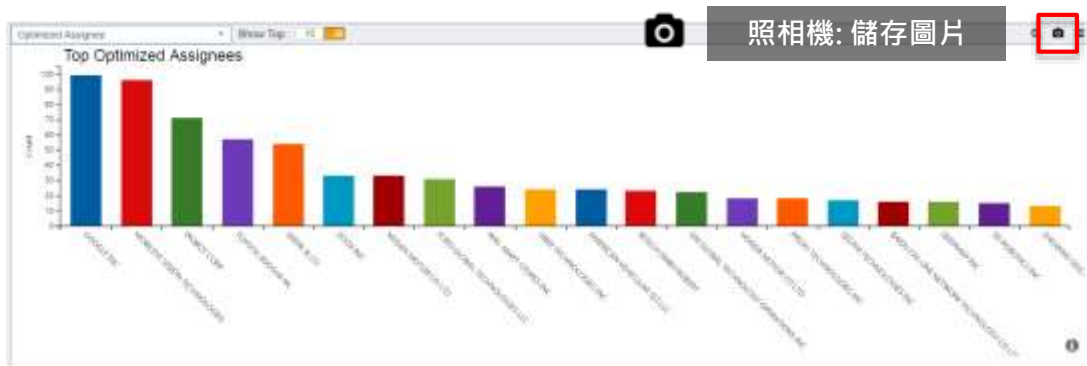
以圖表方式呈現檢索結果的各項統計



點選右上角放大鏡或選單
可以細看內容或調整圖表樣式

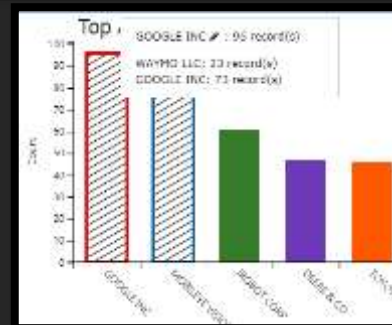


查看檢索結果: 圖表篩選器



附註說明

若要合併圖表上的統計數據，只要用滑鼠「拖曳」欲合併的數據，即可。圖表上數據的標籤也可點選，並依使用者需求修改。



查看檢索結果: 檢索結果選項

The screenshot shows the Derwent Innovation search results interface. At the top, there is a navigation bar with 'Welcome Henry' and 'Blueprints for Success'. Below this, the 'SEARCH RESULTS' section displays search statistics: '1,000 records found out of 1,000 searched (display limit 1,000,000)'. A table of results is visible, with columns for 'Item', 'Publication Number', and 'DWPI Assignee/Applicant'. A red box highlights the '檢索結果選項' (Search Results Options) menu in the top right corner. A larger red box highlights the dropdown menu options: 'Retrieve DWPI Family', 'Retrieve INPADOC Family', and 'Retrieve Optimized Assignees'.

Retrieve DWPI Family (Derwent Innovation特有的專利家族歸類)

Retrieve INPADOC Family (國際通用的專利家族歸類)

讓系統將目前檢索結果的相關專利家族成員給「找出來」

Retrieve Optimized Assignees

讓系統將目前檢索結果的可能專利權人的所有專利「找出來」

附註說明

為何需要**Retrieve Family** ?

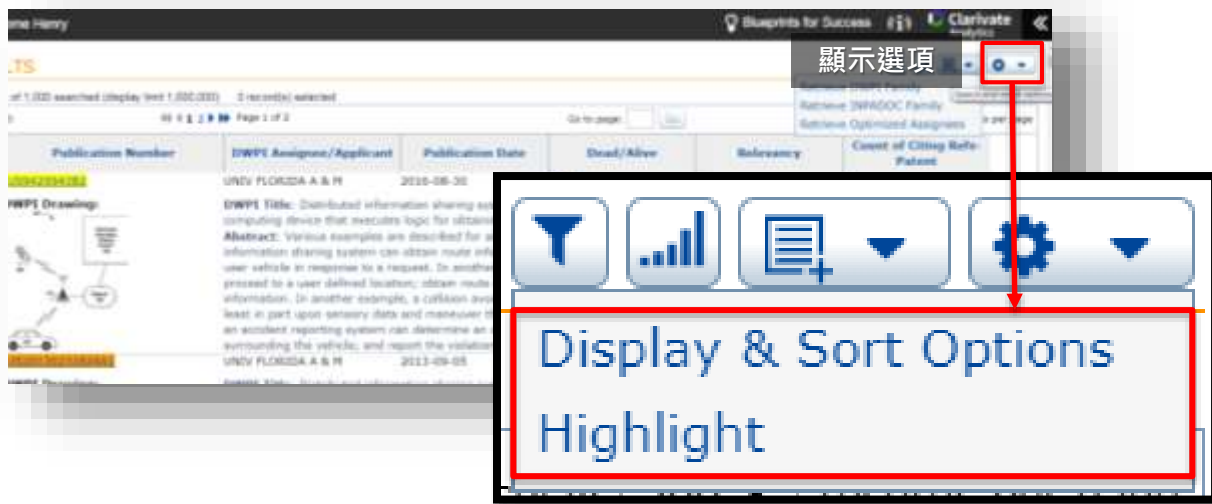
檢索條件輸入後得到的專利是「符合檢索條件」的結果。然而，可能發生專利的部分家族成員因不符合檢索條件而沒在檢索結果中顯示。則使用者可利用Derwent Innovation上的Retrieve Family來「補齊」遺失的相關專利。

使用者輸入檢索條件並得到檢索結果後，可於右上角的檢索結果選項找到該項功能。當然，並非「必要」，若只想顯示符合檢索條件的專利，可忽略此步驟。

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查看檢索結果: 顯示選項



Display & Sort Options 檢索結果顯示內容調整

檢索結果要顯示哪些欄位。圖式大小、排序方式、是否以專利家族歸併...

Highlight 關鍵字標亮的選項

如果內容有符合檢索條件的關鍵字請標亮；或有特定感興趣的關鍵字，也可以設定無論有沒有在使用者輸入的檢索條件中，只要內容有出現一律標亮。

附註說明

檢索結果顯示內容調整首先會讓使用者選擇要在檢索結果畫面中顯示的欄位，例如：圖式(DWPI drawing)、標題(DWPI title)、生死狀態(Dead/Alive)...由於瀏覽器視窗空間有限，一次最多只能選8個欄位。



左下角可將目前設定做為預設，則下一次就不用再做調整了。

Make These My Default Preferences

顯示選項: 調整顯示欄位

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
- IP F Terms
- IP FI Codes
- Main US Class
- Priority Country-Earliest-DWPI
- Priority Date
- Priority Number
- Priority Year-Earliest-DWPI
- Relevancy

設定檢索結果顯示欄位
(最多選擇8個項目)

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

選擇每頁顯示數量及
圖片大小

使用者可依專利家族來摺疊收疊檢索結果

排在最外層的專利以哪一件為主。Basic Patent為預設，使用者也可依感興趣的國家/地區作為排序基礎。

附註說明

依使用者習慣可設定顯示方式，決定顯示欄位與排序方式。由於瀏覽器解析度限制，使用者在選取欄位時最多可選擇8個項目。

單頁顯示結果數與圖片大小，以上兩種選項會影響檢索結果生成的速度，建議調整每頁顯示不超過20件、圖片大小為300，執行速度較佳。

查看專利內容: Quick View

德溫特摘要 DWPI Abstract

先用一句話描述整件專利的技術範疇

Novelty: 與以前的技術差在哪裡?

Use: 可以應用在哪?

Advantage: 具體改進了哪個部分?

First Claim: 本篇專利主張的權利範圍?

是誰申請的?

研發人員有哪些?

申請資訊、優先權資訊、IPC...

所有圖式

按一下鍵盤左右鍵便能跳轉至下一個記錄

附註說明

點選Full View查看專利的完整內容

點選專利查看其內容，預設初始畫面為Quick View，是由超過900位DWPI專家，就該專利進行閱讀、分析後，改寫成重點精華摘要DWPI Abstract，在閱讀專利(原)全文前，使用者皆能先閱讀DWPI摘要，便能更快地掌握專利的重點。

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



關於DWPI的背景您可以在下方連結獲得更多資訊

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

查看專利內容: Full View

針對目前的專利

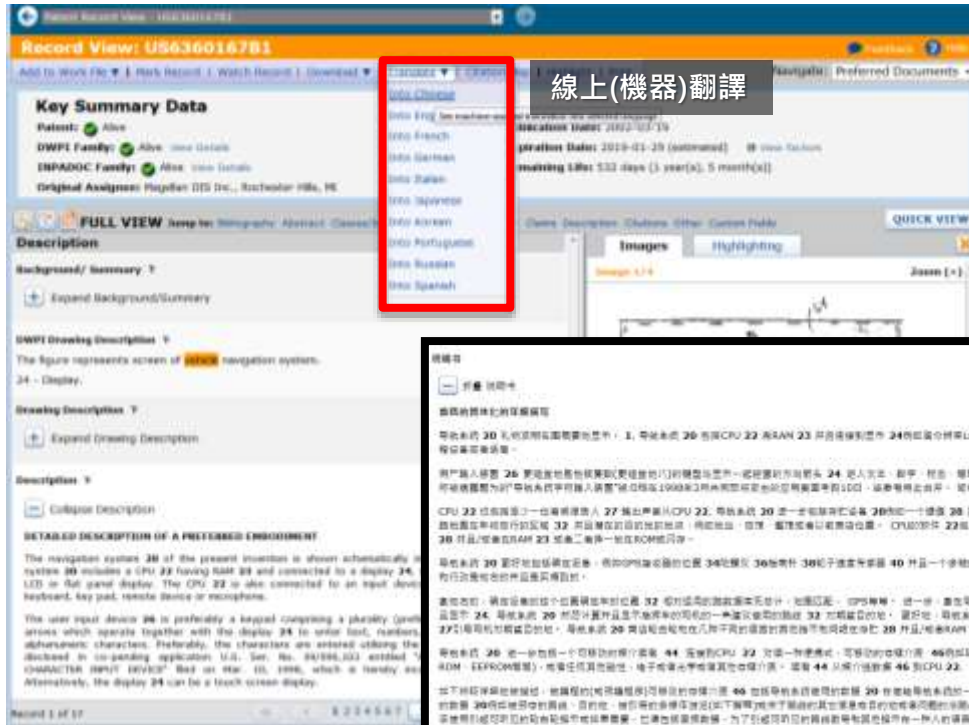
加入資料夾、標註、追蹤、下載、線上翻譯
(支援中文) 引證圖分析、標亮、列印

Key summary Data
AI科技輔助預測專利存續狀態

各欄位的書籤

書目資料、摘要、分類號及各類索引、法律狀態、專利家族、請求項、完整內容描述、引用/被引用、其他、自定義欄位

查看專利內容Full View : 專利內容翻譯



附註說明

Derwent Innovation上的全部內容均已被翻譯為英文，即，無論是哪一種語言的專利都是以英文呈現。而這些英文內容在被放上資料庫中提供使用者檢索之前，是以機器+人工校正進行翻譯作業。然而使用者若需要在線上「即時翻譯」，則純粹為「機器翻譯」。



查看專利內容Full View :引證分析圖 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 into example autop permits the degree of com select essential

SUMMARY The present transitioning of application des

Create Patent Citation Map (by Generation) US7367049B1

Select Display Format:

By Generation By Time & Generation

向前引用Forward
分析引用本專利的引證圖

向後引用Backward
分析本專利引用的引證圖

前後引用Both
同時分析引用被引用

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

展開數個世代的專利延伸的引用關係(滾雪球)

Cancel Create

產生圖形

附註說明

Derwent Innovation的Citation map必須在有支援JAVA的瀏覽器運行，目前Chrome與新版的Firefox已不支援JAVA，建議使用者若要執行Citation Map可移至IE, Safari...等支援JAVA的瀏覽器操作。



查看專利內容Full View :引證分析圖 Citation Map



Appearance | Print

- Order Nodes By
- Color Nodes By**
 - Assignee
 - DWPI Assignee Code
 - Publication Year
 - IPC
 - Family
 - DWPI Manual Codes
 - DWPI Class
 - Priority Year Earliest - DWPI
 - Priority Country/Region Earliest - DWPI
 - DWPI Count of Family Members
 - DWPI Count of Family Countries/Regions
 - Custom Fields
- Set Node Color
- Clear All Node Color
- Set Node Text
- Hide Selected Nodes
- Nodes

設定上色依據
依申請人上色
依年份上色
依IPC上色

Tools to manipulate the map are above the map and on nodes. Details of mapped records are shown below.

Publication Number	Title	Assignee/Applicant
US201001063564	Control and systems for autonomous driven vehicles	GRAY INSURANCE COMPANY
AU201125180093	Method and apparatus for mining vehicle safety arrangements	SANDVIK MINING & CONSTE OY
AU201226952682	Vehicle navigation	BAS SYSTEMS PLC
AU201226952683	Vehicle navigation	BAS SYSTEMS PLC
CN103718121	Control system for autonomous vehicles	Google Inc.
CN103917417A	Orientation module for sensor system	CONTINENTAL TEEVES AG & CO. OHG
CN103917417B	Distribution module for sensor system	Continental Teves AG & Co. OHG
CN104271420B	altering behavior of autonomous vehicles based on predicted behavior of other vehicles	Google Inc.
EP2527943A1	vehicle navigation	BAS SYSTEMS PLC

Number / Title	DWPI Title	Original Title	Assignee/Applicant	Assignee-Current US	DWPI Assignee/Applicant
US201001063564 / Control and systems for autonomous driven vehicles	Regulative and control system for autonomous hybrid vehicle, normalizes inputs to processor from position sensor, and generates composite navigation control signal, as well as inputs to operation control mechanism	Control and systems for autonomous driver vehicles	Standardized: GRAY INSURANCE COMPANY Original: The Gray Insurance Company, Hatake, LA, US	SAMSUNG ELECTRONICS CO. LTD.	

所有在Map上的關聯專利
專利的內容



分析檢索結果 Charts

The screenshot displays a search results interface with the following components:

- SEARCH RESULTS** header.
- Search filters for Optimized Assignee, Inventor, Country Code, and Publication Year.
- Table with columns: Item, Publication Number, Optimized Assignee, DWPI Assignee/Applicant, Publication Date, Trend/Alive, and Behavior.
- Two result entries are visible, each with a DWPI Drawing thumbnail.
- A 'Charts' button is highlighted in a red box in the bottom right corner of the interface.

CHARTs

將目前的檢索結果進行圖表分析

附註說明

創建圖表後，您可以使用視覺化工具來分析圖表所呈現的記錄，必要時還可以根據需要更改圖表設置。為便於分析，您可以按一下相應圖表構成要素（橫條圖中的矩形、圓形圖中的扇面、清單計數，等等）來使用該構成要素所代表的資料創建結果。

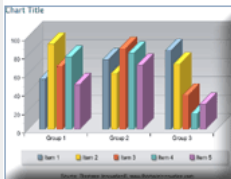
分析檢索結果 Charts

Create Chart Feedback ? Help

Create Chart from Template

Assignee | Inventor | Classifications | Citations | General | Your Saved Templates

Assignee



[Top Assignees](#)
See the top patenting companies

Inventor



[Top Assignees by Assignee-Current US](#)
See the current top patenting companies for US patents

Classifications



[Top Assignees by Year](#)
Based on Publication Year

Citations



[Top IPCs by](#)
Uses IPC class

Displaying 1 - 5 of 11

使用者可從很多預定義圖表範本中選用一個，


也可使用自己的圖表範本，方法是創建一個自訂圖表並將其另存為範本。

« 1 2 3 »

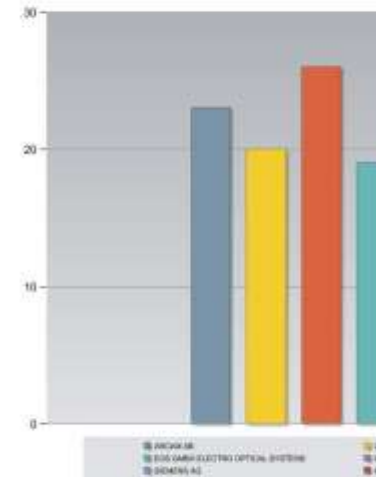
Top Assignees Feedback ? Help

Save Edit Export

編輯圖表的統計參數以取得不同的統計數據



Top Assignees



Source: Derwent Innovatix®, www.derwentinnovatix.com

分析檢索結果 Charts

如果預定義圖表未包含您需要的資訊，您可以設計一個自訂圖表，並將此自訂設計圖表保存為範本，以供今後使用。

See the top patenting companies for US patents

[Current US Patents by Assignee](#)

[Top Assignees by Year](#)

[Top IPCs by Assignee](#)

[Top Assignee Codes](#)

Based on Publication Year

Uses IPC codes at the 4-digit level

Uses the Derwent Patent Assignee Codes to normalize assignee names

Displaying 1 - 5 of 11

Create Custom Chart

Bar Pie Line List

Chart Title

Vertical Bar

Vertical Stacked Bar

3-D Bar

Edit Chart

Title (Optional):
Top Assignees

Description (Optional):

Content Type:
Patents

Chart Type:
List

Visual Options:
N/A

Primary Field to Analyze:
DWPI Assignee/Applicant

Remove Unspecified Items

Number of Items for Primary Field:
Top 10

Sort: By Count

Ascending Descending

Secondary Field to Analyze (Optional):
Select...

Number of Items for Secondary Field (Optional):
Select...

Tertiary Field to Analyze (Optional):
Select...

Number of Items for Tertiary Field (Optional):
Select...

Example:

2D or 3D:
2D

Collapse by:
DWPI Family

Preferred Document:
Most Recent

Apply and Type:
Chinese Applications
US Granted
US Applications
Chinese Utility Models
European Granted
European Applications
WIPO Applications
Australian Innovation
Australian Granted
Australian Applications
British Granted

Adjust chart type

Analyze the column

Top selection

Sort by letter or quantity

Whether to merge patent families

Cancel Apply

匯出檢索結果(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 4 1 2 3 4 5 Page 1 of 92 Go to page: [] [] Display 20 records per page

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Count of Citing Ref-Patent
1	US9118788B1	AMAZON TECHNOLOGIES INC	AMAZON TECHNOLOGIES INC	2016-04-19	Alive	0
2	US9602612B1	AMAZON TECHNOLOGIES INC	AMAZON TECHNOLOGIES INC	2017-03-21	Alive	1

DWPI Drawing:



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

DWPI Drawing:



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

EXPORT

將目前的檢索結果「匯出(Export)」可將目前的檢索結果列表「匯出」多種檔案格式(.csv, .xlsx, .txt, .xml...)

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

匯出檢索結果(Excel)

Export & Report Options

Export Selected records (1,837) All records (3,365)

Format: Excel 2007 (.xlsx) Templates

Fields Available Fields

Field Sets: Brief, Biblio, 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

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

File name: excel2018-06-10-12-34-13

Compress file as .ZIP One file per record

Share via email (optional): henry.chiu@clarivate.com, abc.123@clarivate.com

Make these my defaults Cancel Create

選擇欲輸出的檔案格式

調整輸出欄位排序

可選擇的輸出欄位

已選擇輸出的欄位

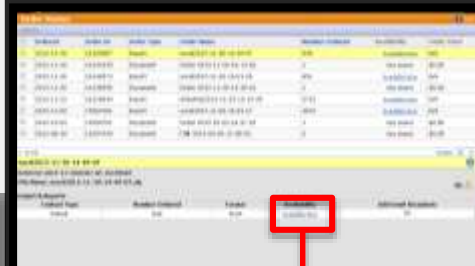
檔案名稱

使用者可輸入Email將檔案直接發送給指定收件人email(選擇性)

附註說明

選擇輸出的欄位時，使用者會看到藍色字體的「範本」為系統為使用者預設相關聯的欄位，只需要帶入就會自動選取這些欄位。使用者當然也可以選擇全部欄位。

點選Create後畫面跳轉至下載進度頁面，當下載狀態呈現Available時表示下載完成，點選後才會下載到本機端。



Availability

Available Now

Derwent

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下載PDF原始說明書

下載或列印

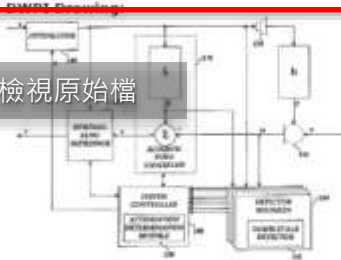
SEARCH RESULTS

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

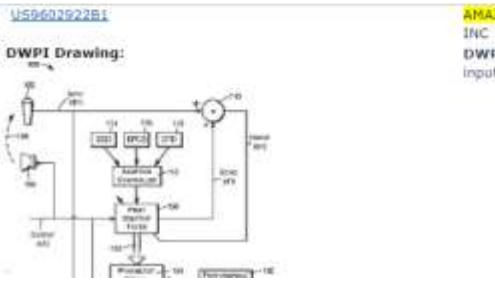
Displaying 1 - 20 of 1837

US000009319783B120160419 1 / 12


Item	Publication Number	IPC Class
1	US9319783B1	A64G INC DWP



點選PDF圖式檢視原始檔



US000009319783B120160419 1 / 12



US9,319,783 B1

(12) **United States Patent**
Barton et al.

(10) Patent No.: **US 9,319,783 B1**
(42) Date of Patent: **Apr. 19, 2016**

(54) **ATTENUATION OF OUTPUT AUDIO BASED ON RESIDUAL ECHO**

(71) Applicant: **Amazon Technologies, Inc.,** Bellevue, WA (US)

(72) Inventors: **William Fulwell Barton,** Harvard, WA (US); **Andrii Chibrik,** Santa Clara, CA (US)

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

(*) Notice: Subject to any disclaimer, the terms of this patent is intended to be adjusted under 35 U.S.C. 154(b) by 111 days.

(21) Appl. No.: **14/284,336**

(22) Filed: **Feb. 19, 2014**

(51) Int. Cl. **H04R 1/28** (2006.01); **H04R 15/00** (2006.01); **H04R 1/00** (2006.01); **G10L 25/028** (2013.01); **H04R 4/00** (2006.01)

(52) U.S. Cl. **H04R 2/007** (2013.01); **G10L 21/0288** (2013.01); **H04R 4/002** (2013.01)

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

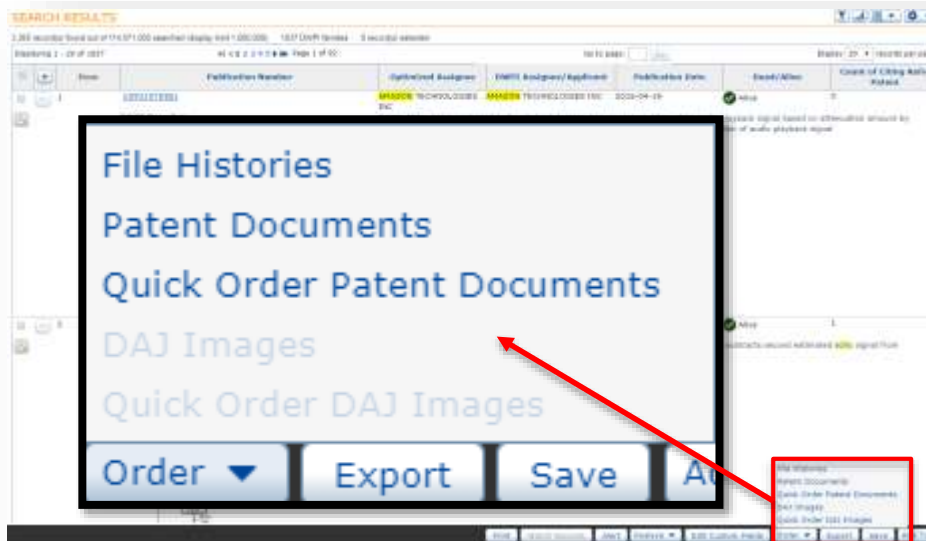
(50) References Cited
U.S. PATENT DOCUMENTS
2014/03/0149 A1* 6/2014 Yano 304M 0102 303 00
2014/03/0544 A1* 4/2014 Zhou 616K 11179 303 00
2014/03/0982 A1* 10/2014 Lallian 1046 7105 303 00

* cited by examiner
Primary Examiner — Regina N. Haddad
(74) Attorney, Agent, or Firm — Knobbe Martin Olson & Bear, LLP.

ABSTRACT
(37) 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. Too much attenuation may disturb playback, whereas too little attenuation may not improve speech recognition. Accordingly, features are disclosed for attenuating an audio playback signal based at least in part on residual echo level.

24 Claims, 4 Drawing Sheets

「批次」下載PDF原始說明書



Order

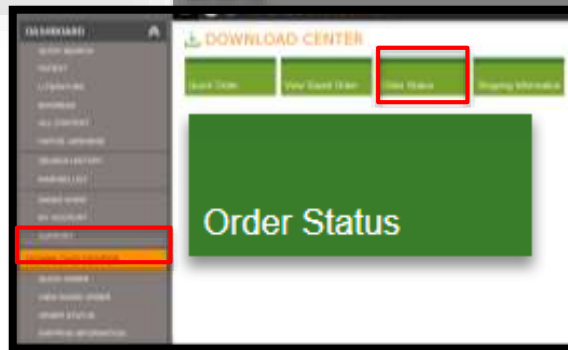
- File Histories (付費的專利歷史文件)
- Patent Document (專利PDF批次下載)
- Quick Order Patent Documents (專利PDF快速批次下載)

Derwent

Powering IP Innovation

可至Download Center的
Order

Status中查看下載或訂購的檔
案進度



附註說明

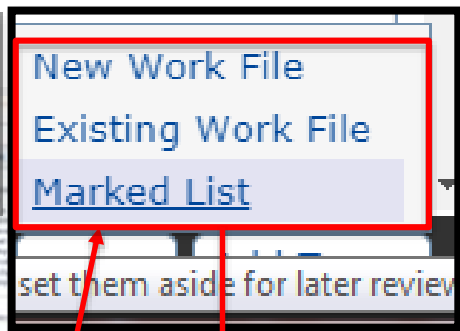
若採用Quick Order Patent Documents，系統會依您在預設喜好(Preference)的設定，自動將檔案寄送或儲存。可至My Account (本手冊藍色章節)中進一步調整設定。

另外，選擇Quick Order的好處還包括，部分特殊情況需要收費下載的專利(佔極少數)系統會自動排除，因此，當使用者批次選取多件專利時，也不用擔心下載到收費的專利。

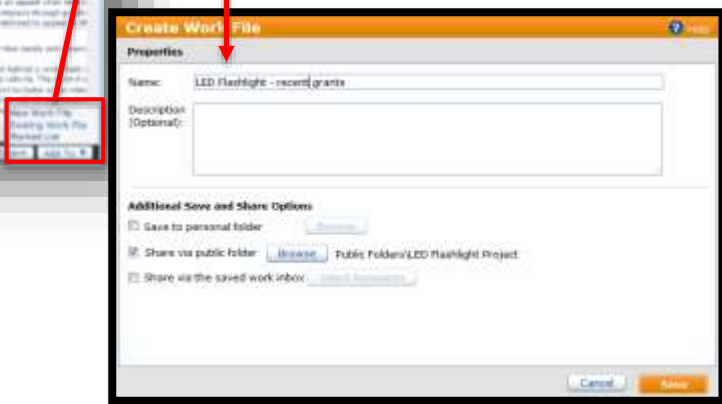
儲存檢索結果至工作資料夾

Add To

- Work File 將目前的專利列表儲存至資料夾中
- Existing Work File
- Marked List 標註感興趣的專利



將目前的檢索結果儲存為工作檔案夾



附註說明

工作資料夾點開後會在檢索結果畫面呈現之前儲存的專利列表，使用者也可以在之後的檢索作業過程中將新結果加入既有工作資料夾中 (Existing Work File)。

Marked List是一個暫存的專利列表資料夾，使用者可以將一整天蒐集而來的專利加入Marked List中再分配到指定的工作資料夾中，系統可以設定每天清理Marked List列表(或不清理)以維持列表中的專利為當天的工作紀錄。



查看檢索結果: 檢索式追蹤(Alert 預警)

The screenshot displays the Derwent Innovation patent search interface. At the top, there is a search bar with the text "PATENT SEARCH" and "PUBLICATION NUMBER". Below this, there are tabs for "FIELD" and "EXPORT", and a "Change collection" dropdown. The search criteria are defined in two fields: "Text Fields: All: DWPI" with the query "(Acoustic or sound) near5 (speaker or speaking or music box)" and "Assignee Class: DWPI" with the query "G00G-C or APPY-C or MICT-C or ANAZ-C". A "Preview/edit query" box shows the resulting query: "ALLDW(ACOUSIC or sound) near5 (speaker or speaking or music box) AND G00G-C or APPY-C or MICT-C or ANAZ-C".

The "SEARCH RESULTS" section shows a table of results. The first result is for "APPLE INC" with a "Publication Date" of "2018-07-25" and a status of "Alive". The second result is for "APPLE COMPUTER INC" with a "Publication Date" of "2017-09-11" and a status of "Alive". A red arrow points from the "Alert" button in the bottom toolbar to the "Alert" button in the second result row.

Annotations on the screenshot include:

- A red box highlights the search criteria and query preview area.
- A grey box with the text "使用者欲將目前的檢索式設定為 Alert，做長期的追蹤。" (User wants to set the current search criteria as Alert for long-term tracking.) points to the search criteria fields.
- A grey box with the text "打開Alert功能" (Open Alert function) points to the "Alert" button in the bottom toolbar.
- A red arrow points from the "Alert" button in the bottom toolbar to the "Alert" button in the second result row.

附註說明

Alert預警功能可定期的追蹤「檢索式」是否產生新的專利符合該檢索式的條件，一旦有新的專利系統即寄信通知使用者，可做為追蹤技術發展、競爭對手動態...的工具。

Alert是透過雲端執行，使用者無需維持登錄Derwent Innovation，系統仍會依照設定的頻率與格式，在後台運行預警通知功能。

檢索式追蹤(Alert 預警)

Save Search & Create Alert

Properties Run Options Delivery & Content Options Tracking

Name: 關鍵字: Google Apple Microsoft Amazon

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

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

Make these my defaults

給予追蹤名稱

收件人email(可輸入多個)

Save Search & Create Alert

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

設定運行

設定運行的頻率(每週、每月、每次資料庫更新...)

什麼時候停止(Expiration)

是否將結果儲存至 Derwent Innovation 上的工作資料夾中? 只保留最新的? 累積資料?

檢索式追蹤(Alert 預警)

Save Search & Create Alert

設定寄送內容

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

Includes:

Make these my defaults

寄來的信件要包含哪些欄位欄位?

Cancel Save

來信格式 (直接寫在email裡或PDF, Excel,...)

信件開頭的說明應包含

- 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)

追蹤特定專利的狀態變化

SEARCH RESULTS

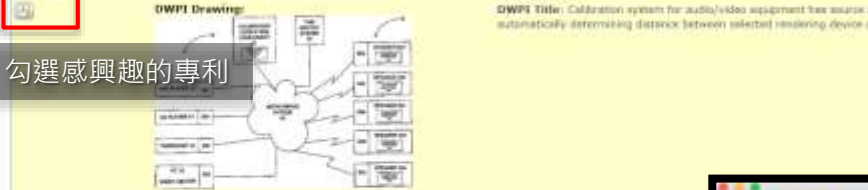
226 record(s) found out of 114,971,005 searched (display limit 1,000,000) 272 DWPI families 1 record(s) selected

Displaying 1 - 20 of 272 44 4 1 2 3 4 5 Page 1 of 14

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Public
------	--------------------	--------------------	-------------------------	--------

	US7020200L1R2	MICROSOFT TECHNOLOGY MICROSOFT CORP.	DWPI Assignee/Applicant	2009-12-01
--	---------------	--------------------------------------	-------------------------	------------

DWPI Title: Calibration system for audio/video equipment that source automatically determining distance between selected rendering device



勾選感興趣的專利

	WO2008118261A1	APPLE INC	APPLE INC	
--	----------------	-----------	-----------	--

DWPI Title: Portable media system for housing of earbud, and physiological sen



選擇 Watch Records

Watch Records

Watch Records

Watch Records

這件專利發生什麼變化才通知?

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

Standard Title

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

Additional Save and Share Options

Share via email:

未來這些專利有變化立即通知這個信箱

附註說明

Watch Records用於追蹤特定專利的狀態更新(包括法律狀態、移轉、被引用、...)。使用者除在檢索結果頁面中勾選(一或多個)專利進行追蹤，也可以在檢視專利內容的過程中，選擇追蹤該件專利。



Watch Record

檢索歷史 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 (18)

FIELD SEARCH PUBLICATION NUMBER EXPERT SEARCH

Include Part Fields

AND AND AND AND

Templates New Reset Save as New Save Search

QUERIES IN THIS SEARCH HISTORY

#	Results	Collections	Search Query	Last Run	Run	Alert	Annotate
2379	1000	DWPI, AR App, AR URI, AU App, AU G...	SSTO=("POUNDER BED" "INKJET PRINTER...	2018-08-13 01:29:09			
2376	1	All	prn=(US20100106756);	2018-08-09 03:59:18			
2377	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:36:30			
2376	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:35:55			
2375	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:35:44			
2374	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:35:02			
2373	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:34:32			
2372	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:33:04			
2371	312911	DWPI, AR App, AR URI, AU App, AU G...	CTS=[test and environment];	2018-08-09 03:31:25			

Note: Select a query to edit it

使用者執行的每個檢索都會自動保留檢索歷史的預設檢索歷史(Default search history)中

檢索歷史 Search History

Search History

Select history: 人工智慧專利檢索

New Search history (Save icon) (Share icon)

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

FIELD SEARCH PUBLIC

Tbl/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 adj5 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

	#	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* ...	2016-08-22 08:38:35			

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「技術檢索式資料庫」，長期管理使用。

檢索歷史 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

即時update檢索式更新最新檢索結果

 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



目錄

[工作資料夾 Work files](#)

[下載中心 Download Center](#)

[通知中心 Information Center](#)

儲存工作

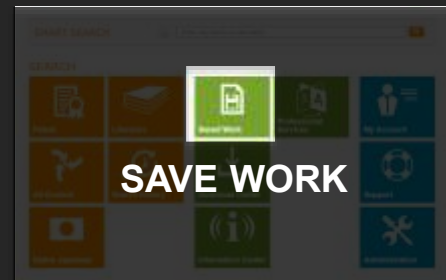
SMART SEARCH 🔍

SEARCH

 Patent	 Literature	 Saved Work	 Professional Services	 My Account
 All Content	 Search History	 Download Center		 Support
 Native Japanese		 Information Center		 Administration

附註說明

使用者可隨時再**SAVE WORK**中找到之前儲存的專利列表、圖表、檢索式、追蹤清單...



Derwent Innovation上所有的儲存動作，可儲存於個人的資料夾(Personal Folders)；或公開資料夾(Public Folders)與其他使用者共用。

收件夾用於組織內部帳號傳送資料使用。

儲存工作

The screenshot shows the 'SAVED WORK' dashboard in Derwent Innovation. The dashboard is organized into several functional areas, each represented by a green button:

- PERSONAL FOLDERS:** Personal Folders, Public Folders, Inbox, Deleted Items
- QUERIES:** Search Histories, Searches & Alerts
- RESULTS:** Work Files, Watched Records
- ANALYSIS:** Charts, Citation Maps, Text Clusters, ThemeScape Maps
- TEMPLATES:** Export Templates

Each section is linked to a descriptive text box on the right side of the image:

- PERSONAL FOLDERS:** 個人資料夾、公用資料夾、收件夾、刪除的項目
- QUERIES:** 檢索歷史、儲存的檢索及追蹤
- RESULTS:** 工作資料夾(專利結果)、追蹤的特定專利
- ANALYSIS:** 圖表、Citation Map、文本聚類(高階模組)、專利地圖(高階模組)
- TEMPLATES:** 輸出範本

儲存檢索結果至工作資料夾

Add To

- Work File 將目前的專利列表儲存至資料夾中
- Existing Work File
- Marked List 標註感興趣的專利

New Work File
Existing Work File
Marked List

set them aside for later review

將目前的檢索結果儲存為工作檔案夾

Create Work File

Properties

Name: LED Flashlight - recent grants

Description (Optional):

Additional Save and Share Options

Save to personal folder

Share via public folder: Public Folders\LED Flashlight Project

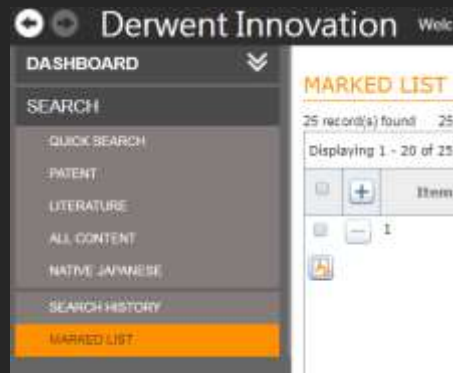
Share via the saved work inbox

Cancel Save

附註說明

工作資料夾點開後會在檢索結果畫面呈現之前儲存的專利列表，使用者也可以在之後的檢索作業過程中將新結果加入既有工作資料夾中 (Existing Work File)。

Marked List是一個暫存的專利列表資料夾，使用者可以將一整天蒐集而來的專利加入Marked List中再分配到指定的工作資料夾中。



工作資料夾: 打開之前記錄下來的專利列表



The screenshot displays the Derwent Innovation dashboard. The left sidebar contains a navigation menu with categories: DASHBOARD, SAVED WORK, PERSONAL FOLDERS, PUBLIC FOLDERS, FOLDERS, DELETED FOLDERS, QUERIES, SEARCH HISTORIES, WATCHES & ALERTS, RESULTS, WORKFILES, WATCH BOOKERS, ANALYSIS, WATCHES, CUSTOM MAPS, TEXT CLUSTERS, THEMESCAPE MAPS, TEMPLATES, and EXPORT TEMPLATES. The main content area is titled 'SAVED WORK' and includes sections for 'PERSONAL FOLDERS', 'PUBLIC FOLDERS', 'FOLDERS', 'DELETED FOLDERS', 'QUERIES', 'SEARCH HISTORIES', 'WATCHES & ALERTS', 'RESULTS', 'WORKFILES', 'WATCH BOOKERS', 'ANALYSIS', 'WATCHES', 'CUSTOM MAPS', 'TEXT CLUSTERS', 'THEMESCAPE MAPS', and 'TEMPLATES'. The 'RESULTS' section is highlighted with a red box, and a grey callout box with the text '工作資料夾(專利結果)' points to the 'Work Files' button. To the right of the dashboard, a white box with a black border contains the text 'RESULTS' at the top and 'Work Files' in a large green box below it.

工作資料夾: 打開之前記錄下來的專利列表

Work Files

Search: Common Text Fields

0 Items selected Created: 2015-05-12 Modified: 2015-05-12

Name	Date Modified	Alerts	Updates
Marked List	2015-06-06	25	
義大利專利局專利(適合IP work)	2015-09-09	0	
意大利專利局專利_2015-07-04	2015-06-06	14	
VCEEL alert_2015-09-09	2015-09-09	0	
Google Microsoft Amazon 等等專利 人工智慧專利_2015-07-04	2015-06-03	0	
OCp 專利 IP 專利 專利_2015-09-01	2015-09-01	0	
美國專利局專利(適合IP work)	2015-06-01	0	
DEFINT 化學專利(適合IP work)	2015-07-21	179	
義大利專利局專利(適合IP work)	2015-07-25	2466	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

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Ar¹-L-Ar²^{+p}

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AMAZON TECHNOLOGIES | AMAZON TECHNOLOGIES INC | 2017-03-31 | Alive | 1

DWPT 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

EXPORT
將目前的檢索結果「匯出(Export)」可將目前的檢索結果列表「匯出」多種檔案格式(.csv, .xlsx, txt, xml...)

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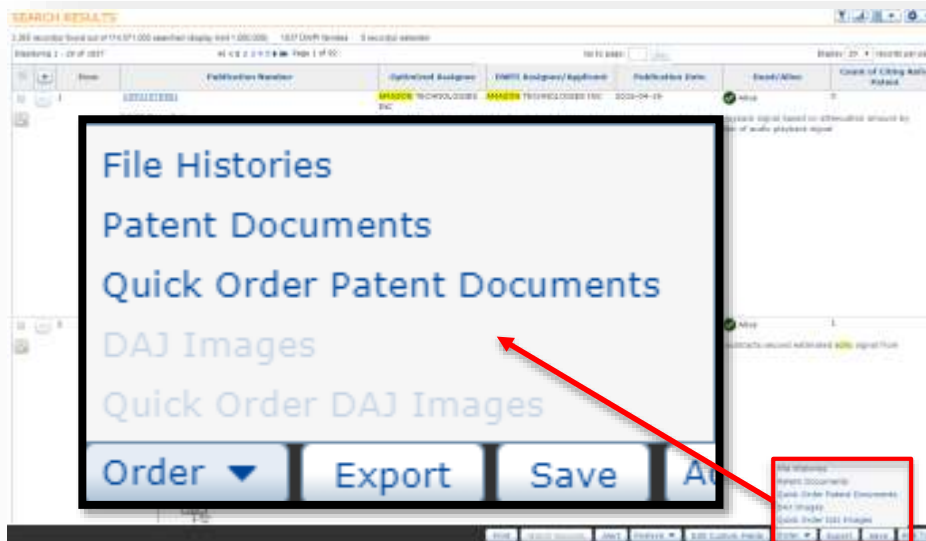
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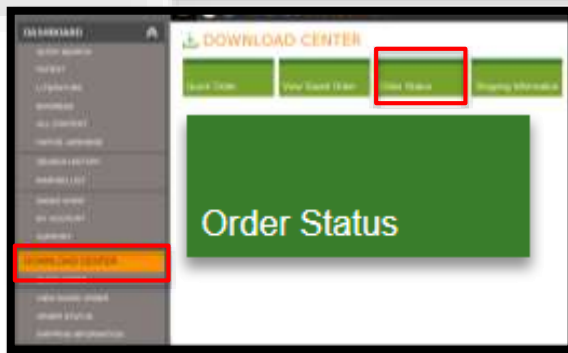
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2015-11-25	16138596	Document	Order 2015-11-26-12-36-16	1	See details	\$0.00
2015-11-25	16129644	Export	dataext2015-11-25-15-14-39	5752	Available Now	N/A
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Pub Number	Publication Date	Title	Page Count	Availability	Price
021991059370(A1)	1991-06-27	METHOD AND SYSTEM FOR...			
0520020261235(A1)	2007-03-15	ERGONOMIC MAN MACHINE CONTROL SYSTEM			

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通知中心: Derwent Innovation何時update、有什麼新功能、新玩意? 來這裡都看得到

The image shows two overlapping screenshots of the Derwent Innovation web application. The top screenshot displays the main dashboard with a 'SMART SEARCH' bar and a grid of navigation icons. The 'Information Center' icon, which features an 'i' in a circle, is highlighted with a red border. The bottom screenshot shows the 'INFORMATION CENTER' page, which contains several news items and announcements.

Derwent Innovation Welcome Henry

Blueprints for Success | Clarivate Analytics

SMART SEARCH 🔍

SEARCH

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- All Content
- Search History
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- Native Japanese
- Information Center**

Derwent Innovation Welcome Henry

DASHBOARD | **INFORMATION CENTER**

Optimized Assignee debuts AI-enhanced insight into patent ownership

How would accurate patent ownership information, globally, help your business, without having to sacrifice your precious time to obtain it? Optimized Assignee and Ultimate Patent combine cutting edge technology with Derwent editorial expertise to reveal a patent's true current owner—even when owners' details were not disclosed. This powerful feature combination significantly reduces the time you spend addressing patent ownership ambiguities. Optimized Assignee provides single, standardized assignee names to quickly build an accurate view of key players operating in your technology space.

Learn more:

- [How we determine Optimized Assignee and Ultimate Patent](#)

All users see Optimized Assignee by default

Because ownership is such a fundamental question in patent research, Optimized Assignee will display in the results list for all users by default, regardless of preferences, contract settings, or group settings.

Learn more in the following notes:

What's New: AI-enhanced insights in Derwent Innovation

August 9, 2018 | 11am EDT (New York) 4pm BST (London)

[Webinar] Learn about the new AI-enhanced tools, Optimized Assignee & Ultimate Patent that will help simplify patent ownership. [Register now!](#)

Available training sessions for August 2018

Search optimization strategies

Join this session to learn how to:

- Find a competitor's or assignee's patent portfolio
- Identify potential patent assets of minimal or key value using enhanced citation data.
- Use essential features like Smart Search, Search History, and Marked List to improve traditional Boolean search strategies.
- Find relevant patent family data, patent citation data or patent updates using publication numbers.

[Register now!](#)

New to Derwent Innovation? Register for our Getting Started series

This introductory hands-on session will give you an overview of Derwent Innovation and show you how to accomplish key workflow tasks. [Register now!](#)

Updated Blueprints for Success demonstrate Charts (beta) workflows

Charts (beta) provide key insights into technology trends and competitive intelligence. Updated Blueprints for Success demonstrate how these charts can support critical IP workflows:

- Research patents in a specific technology domain: See How Charts (beta) help you assess a technology space with global market trends and relative competitor investment
- Research market trends in a technology space: The How is the technology trending? chart reveals rising trends in your focus technology space.
- Analyze the competitive landscape in a technology space: Competitive Intelligence charts directly answer questions about top players, relative investment, and rising trends for specific concepts.

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目錄

[使用技巧資源: 成功藍圖](#)

[調整最佳作業環境](#)

[取得支援與系統各項功能說明](#)

The screenshot displays the Derwent Innovation web application interface. At the top, the header includes the logo 'Derwent Innovation', the user name 'Welcome Henry', and the slogan 'Blueprints for Success'. A search bar with the text 'SMART SEARCH' and a search icon is visible. Below the search bar, a grid of navigation tiles is shown. A white box highlights a vertical stack of three tiles: 'My Account' (with a person icon), 'Support' (with a lifebuoy icon), and 'Administration' (with a wrench and screwdriver icon). The text 'My Account & Support' and '帳號設定與支援' is overlaid on the grid.

使用技巧資源: 成功藍圖 Blueprint for success



成功藍圖:

成功藍圖有助於使用者有效地利用Derwent Innovation。這些可供下載的 PDF 檔向您介紹了如何通過幾個簡單的步驟，利用 Derwent Innovation 來解答常見的業務問題。

Blueprints for Success

Step-by-step guidance for some key requirements

- Identify License Opportunities in Your Patent Portfolio - **New**
- Quickly Research Prior Art for an Invention
- Create Freedom to Operate for a New Invention
- Research Patents in a Specific Technology Domain
- Keep Aware of Changes in Your Patent Field
- Examine Portfolios for Mergers, Acquisitions, or Licensing - **New**
- Analyze the Competitive Landscape in a Technology Space
- Research Market Trends in a Technology Space - **New**
- Define and Pursue Patent Litigation - **New**

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取得相關的檢索與分析步驟與使用技巧

Step-by-step guidance for patent search professionals

- Business Development and Prospecting for Late Firms
- Research Chemical Substances and Pharmacology
- Patentability: Plan and execute a search like an examiner
- Potentially Invalidate Key Competitor IP - **New**
- Perform IP Due Diligence for Strategic Acquisitions - **New**
- Research Initiatives for European patents

更多成功藍圖資訊:

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



調整最佳作業環境: My Account 到我的帳戶修改系統預設值

The screenshot displays the 'My Account' settings page in the Derwent Innovation system. The left sidebar contains a navigation menu with the following items: My Account, Support, and Administration. The main content area is titled 'MY ACCOUNT' and is organized into three main sections: TRACKING, PREFERENCES, and PROFILE.

The TRACKING section includes: Tracking, Tracking Reports, and Tracking Reports.

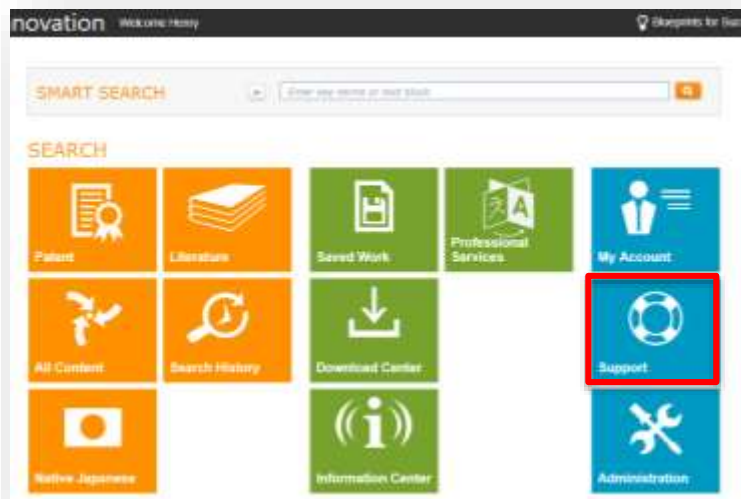
The PREFERENCES section includes: Alerts, Document Delivery, Exports & Reports, Highlighting, General, Result Set, Record View, and Search.

The PROFILE section includes: General & Privacy, Registration Info, and Reset Password.

Annotations in the image highlight specific settings:

- Exports & Reports** (under PREFERENCES) is annotated with the text: 跟輸出範本相關的預設 (Default related to output template).
- Result Set** (under PREFERENCES) is annotated with the text: 跟檢索結果相關的預設 (Default related to search results).
- Search** (under PREFERENCES) is annotated with the text: 跟檢索相關的預設 (Default related to search).

取得支援與系統各項功能說明: Support 獲得整個Derwent Innovation各項功能的完整解說



系統幫助文件

Home > About Help

Getting Started in Derwent Innovation

Search and Alert
 Smart Search
 Fielded Search and Search Results
 Publication Search and Search Results
 Create Alerts

Collections
 Patents
 Derwent World Patents Index (DWPI)
 Literature

System Information
 Release Notes (Updated 2019-07-22)
 Technical Requirements
 System Maintenance Schedule

Analysis and Workflow
 ThemeScape
 Competitive Intelligence Charts
 Search History
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Customizing Your Environment
 Preferences
 Search Templates
 Export Templates
 Import/Export

Training and References
 Demo and YouTube Videos
 Derwent Innovation User Guide (PDF)
 Derwent Innovation User Guide for Express Users (PDF)
 Classifications, Codes, and Lists
 Training Classes
 Downloadable References and Tips & Tricks
 2018-07-22

做為一個專業資料庫，幫助文件(HELP)的完整度關係到使用者是否能查到相關的操作資訊。**Derwent Innovation**的HELP就做得非常的完整。除了各項功能定義，甚至加入了「如何上手?」「使用技巧」「線上操作影音(Youtube)」等資源。

關於**HELP**更多資訊請參考連結。

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

Training and References

Demo and YouTube Videos

Derwent Innovation User Guide (PDF)

Derwent Innovation User Guide for Express Users (PDF)

Classifications, Codes, and Lists

Training Classes

Downloadable References and Tips & Tricks

2018-07-22

更改顯示語言與幫助文件

打開工具表單



您可在此 Derwent Innovation 的各個角落找到 HELP? 的幫助檔連結，即時說明各項功能特徵

更改顯示語言

英文(預設)

日文

中文(簡體)

更改顯示語言

中文(簡體)介面:
欄位與說明文檔都會變成中文，但專利內容與檢索語言仍保持英文

让检索更加智能的小技巧

- 基于视觉文献（专利、发明公开、科技论文或其他技术描述）进行检查，或者利用常见的技术描述性检索词进行检查。
- 自动分析文本，以查找与原文本所描述技术相关的关键词。

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) 的强大功能提高检索结果的准确性。DWPI 编辑人员会以其重新编辑 DWPI 数据库中的每个发明的文本，以便专利文本使用行业标准的术语。DWPI 编辑人员还会对原文本，使其更容易阅读并提高专利的可用性。这些术语增强功能帮助 Smart Search 查找与您的专利技巧最相关的专利。

即使您没有访问 DWPI 数据库权限，Smart Search 也可以与 DWPI 数据库作智能检索算法的一部分，但您仍需拥有 DWPI 数据库访问权限，才能使用检索策略和记录检索（这些可以在数据库中将其他输入文本）中专利数据提前检索 DWPI 专利。

详细了解 Smart Search...

- 如何使用 Smart Search
- Smart Search 检索效率
- Smart Search 的工作原理?
- Smart Search 与传统的检索策略之间的区别
- Smart Search 常见问题解答

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Derwent Innovation上的AI功能

AI on Derwent Innovation

科睿唯安如何運用AI技術來優化IP workflow？

科睿唯安早在十多年前開始導入機器輔助人力的相關技術來改善IP workflow，包括機器翻譯、語意分析、文本聚類等技術。所有專利收錄進我們的資料庫後，便會進行機器翻譯及語意分析等處理，並指派給對應技術背景的DWPI專家進行人工再校稿的作業。在多年的技術及DWPI加值數據積累之下發展出我們的機器學習系統，並形成成熟的人-機協作的工作流。隨著基礎技術發展逐漸成熟，我們將這些應用轉化成既有產品上的功能，包括專利存續狀態預測、智能檢索、智能技術主題、最佳化申請人等...讓廣大的使用者得以運用人工智慧輔助他們既有的工作，提升效率與工作品質。



Derwent Innovation 整合人工智慧與人類的工作流來確保資料品質



過去我們一直在做的事情



官方原始資料收錄

來源
各國專利局
可檢索的資料內容
不同格式不同語言
未校正原始資料
...

First Level Data
(FLD)



DWPI資料加值

機器輔助分析原始資料
書目資料正規化、翻譯、任務指派...
DWPI人工編譯
人工翻譯校正、編寫摘要、分類索引
、公司組織索引...
可檢索內容上線
...

Enhanced Patent
Data

現在我們進入到AI的時代



機器學習

機器學習與訓練
專利精華內容改寫建議
專利內容語意分析
續詞表(Thesaurus)
專利自動分類
...

Machine
Learning



產品功能強化

存續狀態預測
智慧檢索
語意分析技術主題
專利可能擁有者推算
自動找出相似專利
專利強度
...

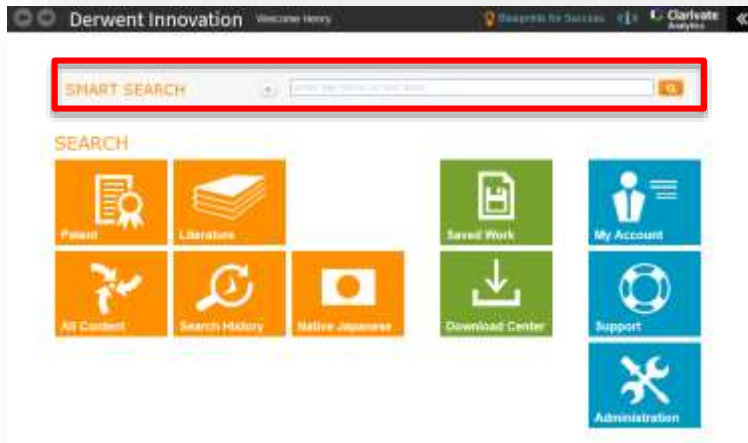
Enhanced
Search

Smart Search智慧檢索

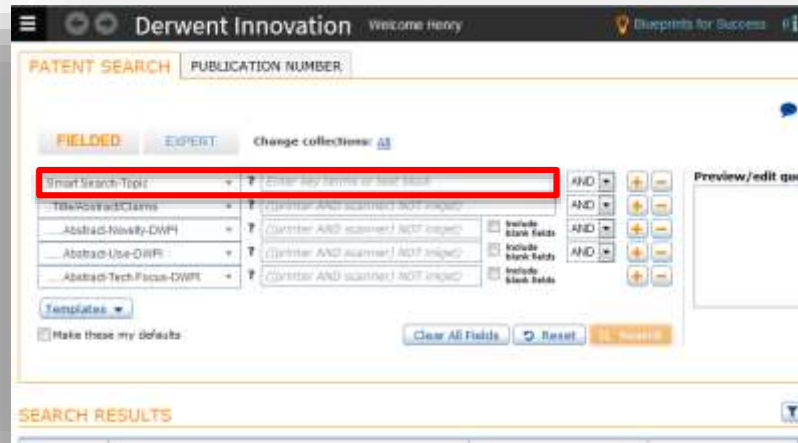
即使您不是某項特定技術的專家，Smart Search 也能讓您輕鬆找到與該技術相關的專利。只需輸入(或貼上)技術描述文本，**任意長度**，Smart Search 分析該文本中的關鍵字後，根據從您輸入的文本中提取的關鍵字，經過語意分析、關鍵字拓展、引用被引用、分類號等演算，獲取準確、完整的檢索結果。就像熟練的專利檢索人員在檢索一樣。

Smart Search 智慧檢索

在快速檢索中使用Smart Search



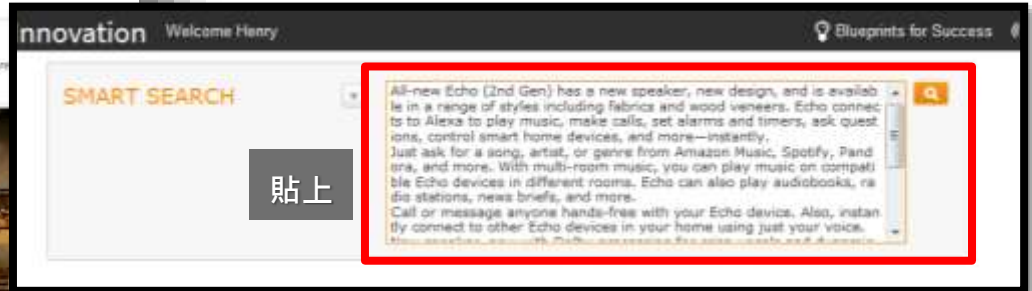
在欄位檢索中找到Smart Search的欄位



Smart Search 智慧檢索



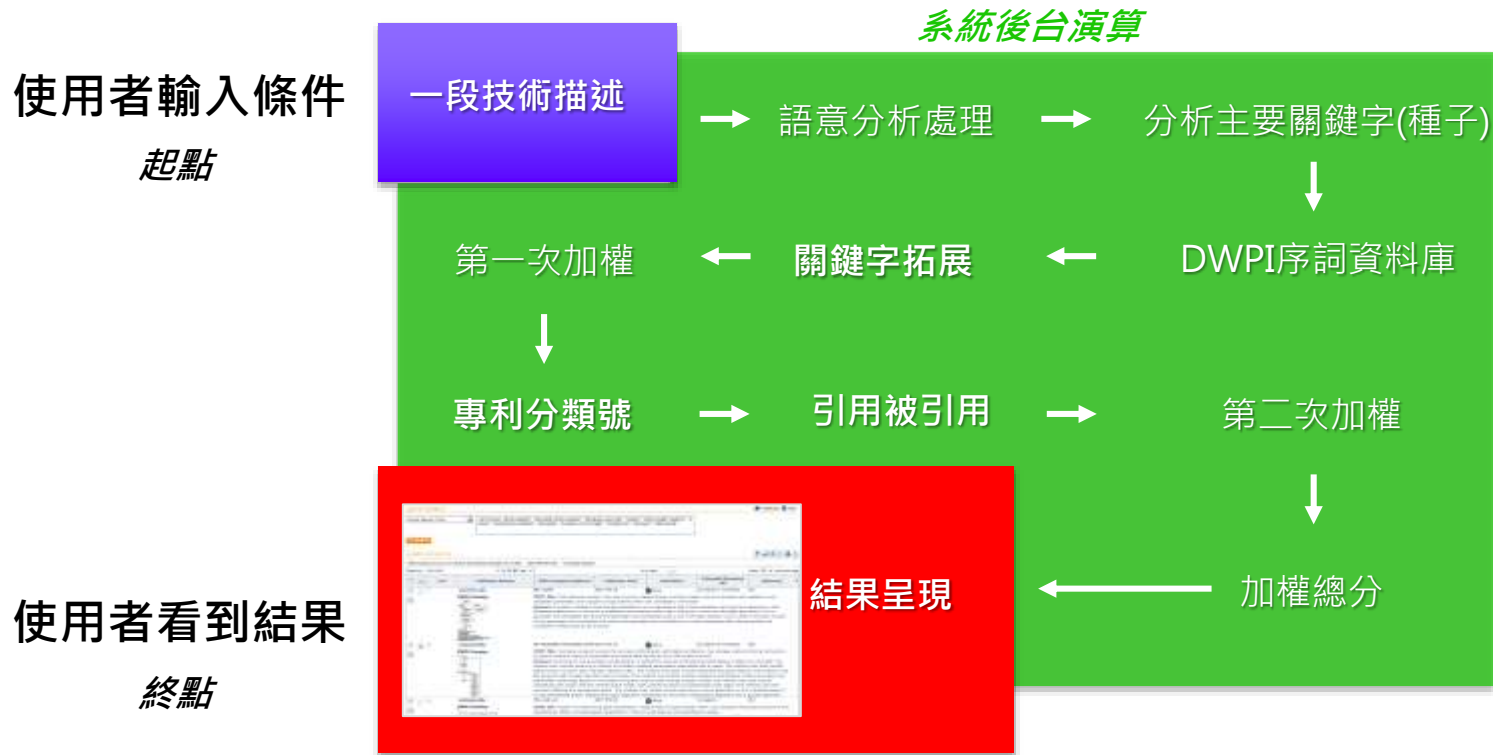
複製一段您欲檢索專利的技術描述



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- [Smart Search 檢索結果](#)
- [Smart Search 的工作原理？](#)
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Smart Search 智慧檢索



Smart Search 智慧檢索

PATENT SEARCH PUBLICATION NUMBER

運算過後所保留的技術關鍵字，連接詞、介係詞、符號等字元已被清除

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

Clear All Fields First Search

SEARCH RESULTS

1,000 record(s) found out of 115,032,158 searched (display limit 1,000) 362 DWPI families 0 record(s) selected

Displaying 1 - 20 of 362

Page 1 of 10

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relevancy
1	CA2886438C	SCHERING AG	BUNDESREPUBLIK DEUT BUNDESMIN WIRTSCHAFT	2018-07-03	Alive	84
2	US20170071707A1	BEGO MEDICAL GMBH	BEGO MEDICAL AG	2017-03-16	Indeterminate	75
3	CN100488819B	VELO3D INC	VELO3D INC	2018-06-22	Alive	67
4	US10025204R2	EOS GMBH ELECTRO OPTICAL SYSTEMS	EOS ELECTRO OPTICAL SYSTEMS GMBH	2018-07-31	Alive	75

演算出前1000件與輸入條件最相關的專利依相關性排序)

附註說明

Smart Search功能的目的是在於快速找到標的，當使用者輸入技術描述後，系統便會為使用者演算，找出與該描述最相關的前1000件專利，排序越前面與輸入的技術描述越相關。

可以理解，Smart Search的檢索結果與使用者輸入的描述「高度相關」

Smart Search 智慧檢索

調整Smart Search挑選出來的「種子」：

「手動去除」不想加入運算的關鍵字

再按一次Search獲得「新的」Smart Search 結果

再按一次Search獲得「新的」Smart Search 結果

調整Smart Search挑選出來的「種子」：

「手動加入」新的關鍵字 (必須加雙引號)

再按一次Search獲得「新的」Smart Search 結果

The screenshot shows the Smart Search interface in two states. In the top state, a search query is displayed with several keywords highlighted in blue, indicating they are selected. A text box above the query explains that these keywords are being manually removed. In the bottom state, the search query has been updated with new keywords, and a text box explains that these are being manually added. Both states show the 'Search' button highlighted in red, indicating the next step is to execute the search.

Predictive Data 預測數據

預測資料是透過演算法將機器學習與 Derwent World Patents Index (DWPI) 中經過編輯增強的資訊結合在一起，提供了有關專利的高度準確的可操作情報，例如：

Alive (有效)、Dead (失效) 或 Indeterminate (不確定) 狀態。提供各專利及其同族專利成員的狀態的存續狀態、專利的到期日和剩餘有效期。



Cloud Platform



Big Data Analytics



Data Scientists

PREDICTIVE ANALYTICS

這專利對該公司的重要程度？

這個專利申請人可能是哪間公司的子公司？

專利什麼時候到期？

這個專利申請人是否有可能放棄這件專利？

Predictive Data 預測數據

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	

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

Bibliography

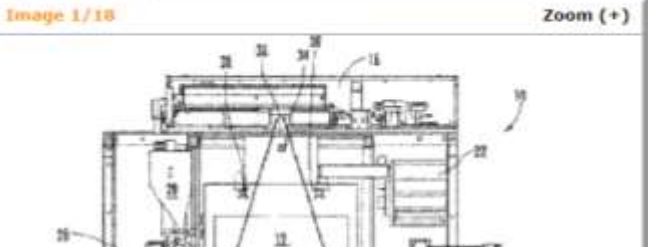
DWPI Title [?](#)
Laser sintering system for fabricating three dimensional object base sinterable powder, has chute that extends from hopper toward surf deposited upon and is formed between device and bed

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

Assignee / Applicant [?](#)

Images

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



附註說明

“關鍵概要資訊” 將來自專利授予機構的資訊和強大的預測資料結合在一起，提供有關專利記錄的重要情報。

Derwent

Powering IP Innovation

Predictive Data 預測數據

Key Summary Data

Patent:  Alive

DWPI Family:  Alive [View Details](#)

INPADOC Family:  Alive [View Details](#)

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

指示專利當前是有效的 (Alive) 不再有效 (Dead)

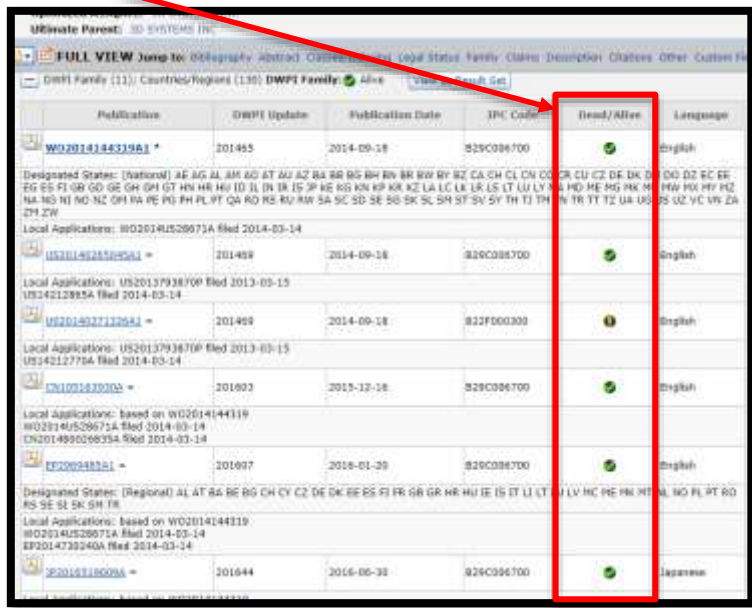
還是沒有足夠的資訊來確定專利的狀態







(Indeterminate)。

Publication Date: 2018-04-03

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

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




Publication	DWPI Update	Publication Date	IPC Code	Dead/Alive	Language
WO2014144319A1 *	201455	2014-09-18	B29C084700		English
Designated States: (National) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CL CN CO CR CU CZ DE DK D...					
Local Applications: WO2014US20671A filed 2014-03-14					
US2014528519A1 =	201459	2014-09-18	B29C084700		English
Local Applications: US2013793870P filed 2013-03-15					
US24212985A filed 2014-03-14					
US2014027126A1 =	201459	2014-09-18	B22F000300		English
Local Applications: US2013793870P filed 2013-03-15					
US24212776A filed 2014-03-14					
US201413000A =	201902	2015-12-18	B29C084700		English
Local Applications: based on WO2014144319					
WO2014US20671A filed 2014-03-14					
US201489026933A filed 2014-03-14					
EP2009482A1 =	201907	2016-01-20	B29C084700		English
Designated States: (Regional) AT AU BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT...					
Local Applications: based on WO2014144319					
WO2014US20671A filed 2014-03-14					
EP201473240A filed 2014-03-14					
JP201411609A =	201644	2016-06-30	B29C084700		Japanese


指示專利的 DWPI 同族專利是失效、有效，還是不確定。如果同族專利至少包含一個具有有效狀態的專利，則該同族專利即會被視為有效。

Predictive Data 預測數據

Key Summary Data

Patent:  Dead

DWPI Family:  Alive [View Details](#)

INPADOC Family:  Alive [View Details](#)

Original Assignee: PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.

Optimized Assignee: PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.

Ultimate Parent: MATSUSHITA DENKI KABUSHIKI KAISHA

專利預計到期的日期。除非法律狀態事件已確定專利的到期日期，否則，此日期為估計日期。如果法律狀態事件提前結束預計的期限，則事件的公開日期將成為預計專利期限的結束日期。

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

到期日期旁邊的查看因素連結可打開一個新的頁面或視窗，其中列出用於預測到期日期的因素。

Predictive Data 預測數據

SEARCH RESULTS

1,000 record(s) found out of 115,032,158 searched (display limit 1,000) 362 DWPI families 0 record(s) selected

Search within your results: Smart Search Topics for Key Terms or Smart Fields

Clear your results:

Estimated Expiration Y...	Dead/Alive	Estimated Remaining Li...
<input type="checkbox"/> 2024(110) <input type="checkbox"/> 2025(81) <input type="checkbox"/> 2026(37) <input type="checkbox"/> 2028(24)	<input type="checkbox"/> 24(Items)(281) <input type="checkbox"/> Dead(25)	<input type="checkbox"/> 13+ year(s) - 16 year(s)(287) <input type="checkbox"/> 16+ year(s) - 17 year(s)(332) <input type="checkbox"/> 17+ year(s) - 18 year(s)(338) <input type="checkbox"/> 0 year(s)(24)

Displaying 1 - 20 of 362 Page 1 of 18

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relevancy
1	CA2885438C	SCHERING AG	BUNDESREPUBLIK DEUT BUNDESMIN WIRTSCHAFT	2016-07-03	Alive	64
2	US20170071202A1	BEGO MEDICAL GBRH	BEGO MEDICAL AG	2017-02-15	Indeterminate	

在篩選中依到期日、生/死狀態、剩餘生命...作篩選

在檢索結果欄位中顯示

在輸出Excel的欄位中顯示

Item Number	Publication Name	DWPI Family Members	Dead/Alive	Estimated Expiration Date	Estimated Remaining
1	CA2885438C	WO201404159A1 Alive CA2885438A1 Alive EP201506578A1 Alive EP2006255A1 Alive DE20011003443U1 Alive WO201207638A1 Alive US2016098735A1 Alive EP082034A1 Alive CN200625505A Alive US20170071202A1 Indeterminate WO201704886A1 Alive EP201603295A Indeterminate CN200625505A Alive SGI201801343A1 Indeterminate WO201704799A1 Alive US2017002601A1 Indeterminate EP2006255A1 Alive	Alive		1.56(4)
100	EP332961A1	WO201704886A1 Alive US201704886A1 Alive CN200625505A Alive	Alive		
100	EP332855A1	SGI201801343A1 Indeterminate WO201704799A1 Alive US2017002601A1 Indeterminate EP2006255A1 Alive	Alive		
280	EP287316A4	WO201401106A1 Alive EP287316A1 Dead CN20170007A Dead JP201533650A Dead US201603985A1 Indeterminate	Dead	2016-11-30	0 Year

優化申請人與終屬母公司

(Optimized Assignee/ Ultimate Parent)

由於專利原始文件遺漏、專利發生移轉等種種原因，專利本身可能未揭露專利最終所有者的資訊，優化的專利權人運用了機器學習技術，對大量的專利數據進行演算並學習，將**專利的可能所有者**揭露給使用者知悉，並輔由 Derwent 編輯團隊提供專家審核，將所有者以一個標準化名稱呈現。“終屬母公司”則在這一過程之後更進一步，**揭示專利的最終擁有者**。

優化申請人與和終屬母公司: 要確認誰是專利的所有者，有時比想像中要難

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** (10) **Pub. No.:** US 2016/0261555 A1
 Niemasz et al. (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)**
 (Int. 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.

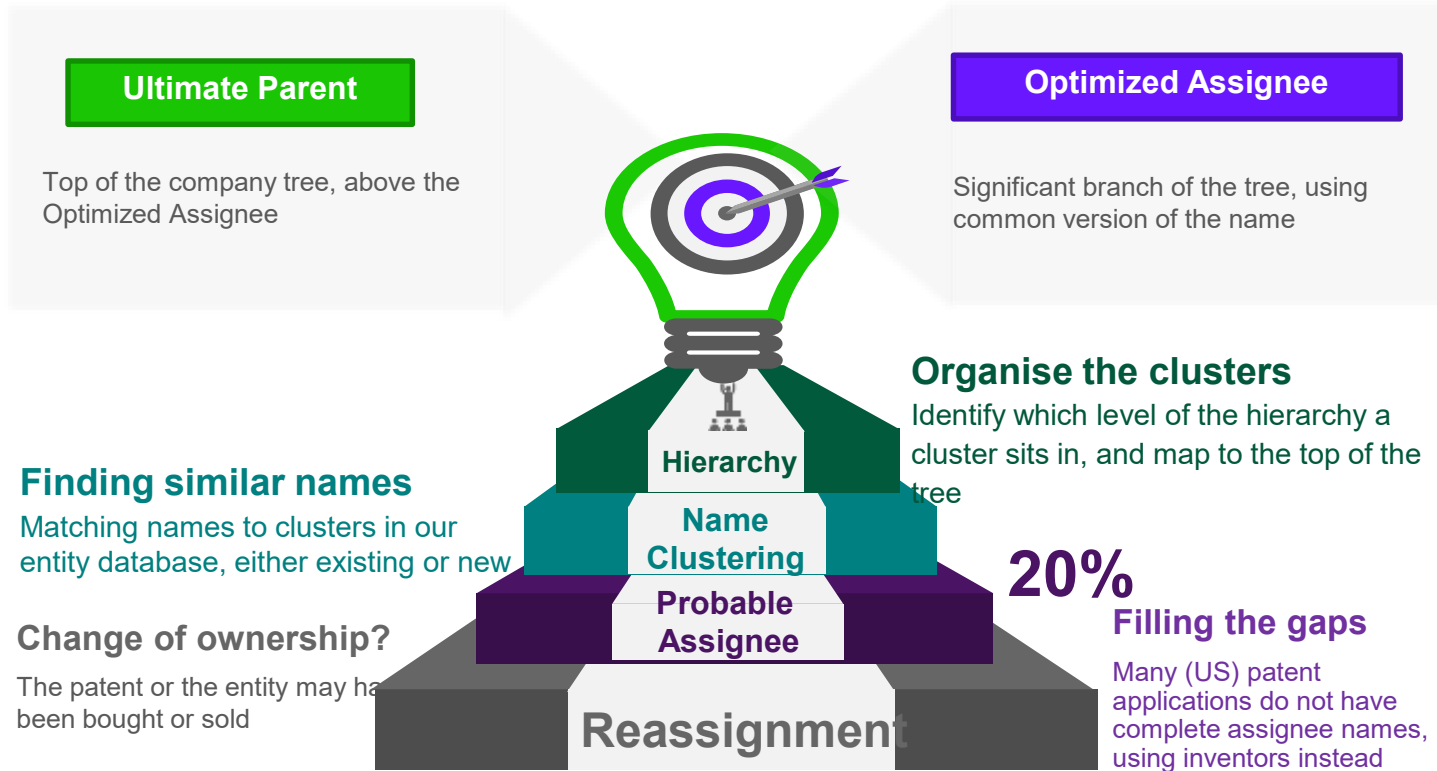
Publication Classification

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

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.

沒有申請人資訊，只有發明人資訊

優化申請人與和終屬母公司: 要確認誰是專利的所有者，有時比想像中要難



優化申請人與和終屬母公司

Record View: US9003569B2

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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

系統自動幫您「推算」當前的專利可能的所有者

FULL VIEW Jump to: Bibliography Abstract 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 glow 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 ?

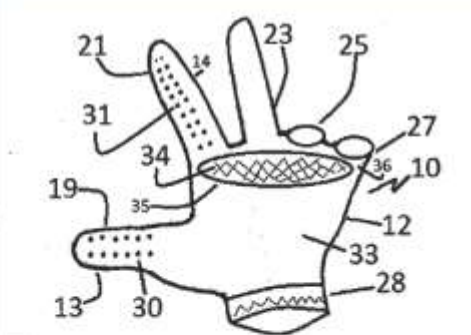
RAMIREZ J C (RAMI-1)

Inventor ?

Ramirez John Cuevas, Redlands, CA, US

Images

Image 1/13 Zoom (+)



1. 確定專利的當前所有者

2. 如果我們無法確定專利的當前所有者，可以預測可能的所有者

3. 確定當前所有者或可能所有者的一個標準化名稱，這就是優化的專利權人

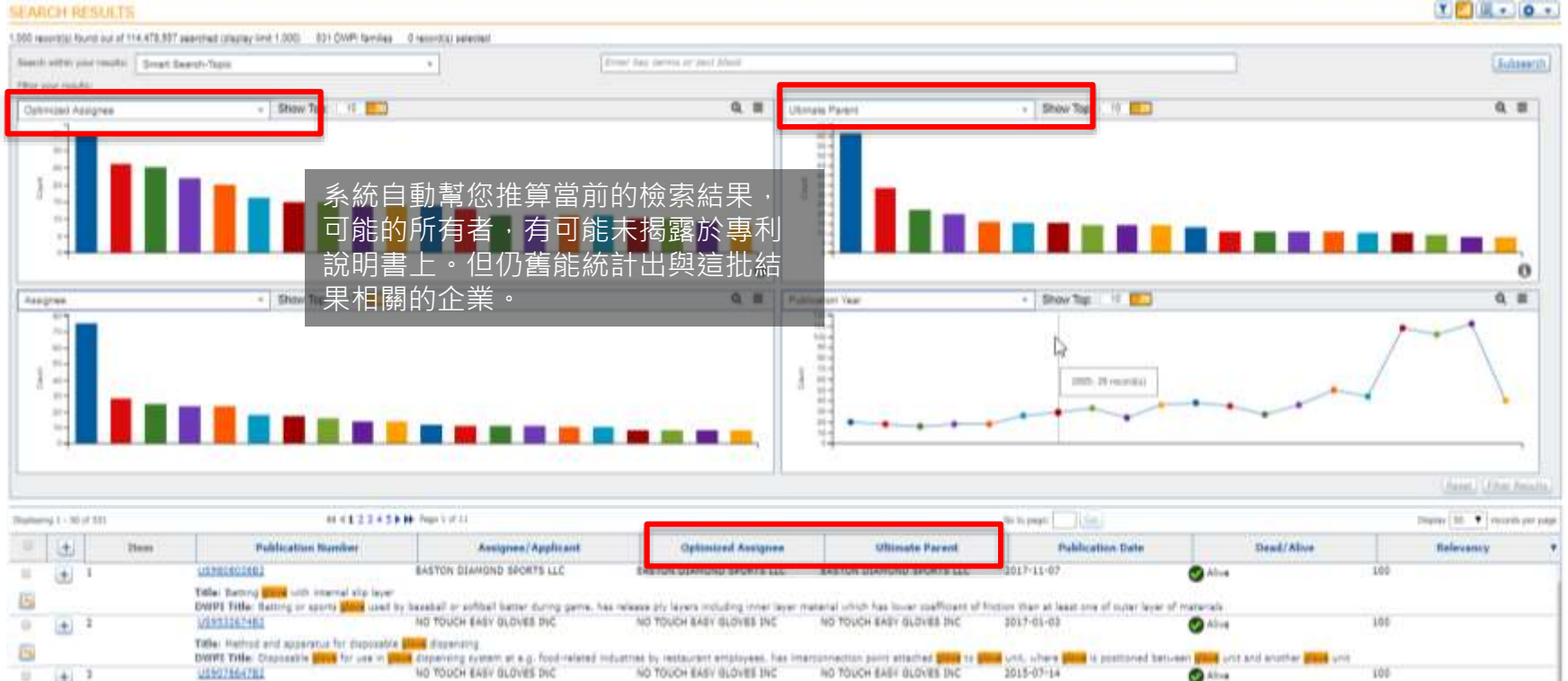
4. 從公司層次結構資料確定專利的最終所有者（如果適用），這就是終屬母公司

附註說明

確定優化的專利權人和終屬母公司的常規流程如下：

1. 確定專利的當前所有者
2. 如果我們無法確定專利的當前所有者，可以預測可能的所有者
3. 確定當前所有者或可能所有者的一個標準化名稱，這就是優化的專利權人
4. 從公司層次結構資料確定專利的最終所有者（如果適用），這就是終屬母公司

優化申請人與終屬母公司



智能主題 Smart Theme

智慧主題從某項技術的實際專利中提取出清晰簡明的關鍵字，作為對 IPC 定義的有效補充。針對特定 IPC 代碼分類下的所有專利來分析 DWPI 標題，並選取排名靠前的關鍵字成為智慧主題，清晰、簡明地總結了在該 IPC 分類代碼下的相關專利所描述的技术主題。

Derwent Innovation的新圖表Chart (Beta)

Page 1 of 19

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Relev
1	CA2986438C	SCHERING AG	BUNDESREPUBLIK DEUT BUNDESMON 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 application connected to suction pump to produce low pressure so that powder bed is pressed against filter</p>						
2	US2017001707A1	BEGO MEDICAL GMBH	BEGO MEDICAL AG	2017-07-16	Indeterminate	75
<p>DWPI Drawing:</p> <p>DWPI Title: Products e.g. dental prostheses, manufacturing device for dental laboratory, has applicator for applying material equal to angle of repose of material, where surface of segment is aligned to plane</p>						

Print Search Records Alert Analyze Edit

laboratory, has applicator for applying material
ne

Alert Analyze Edit Custom Fields

Derwent Innovation的新圖表Chart (Beta)

💡

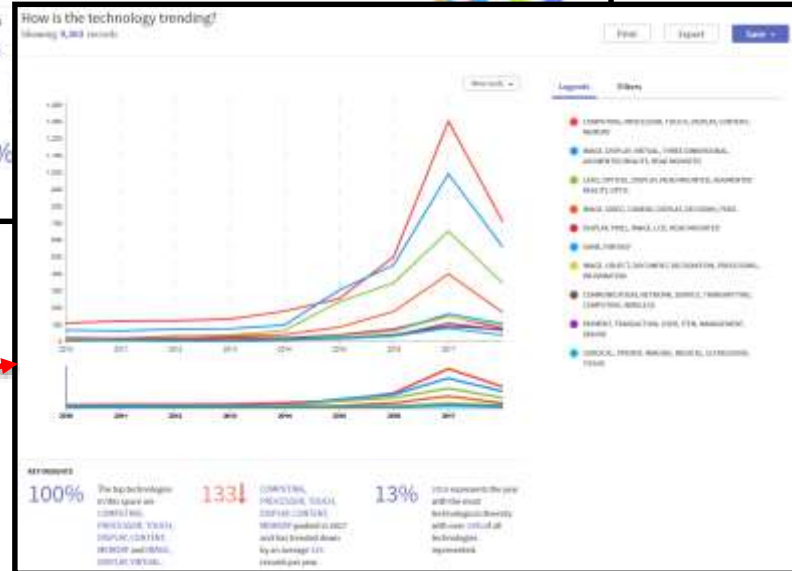
Competitive intelligence

- 🔍
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

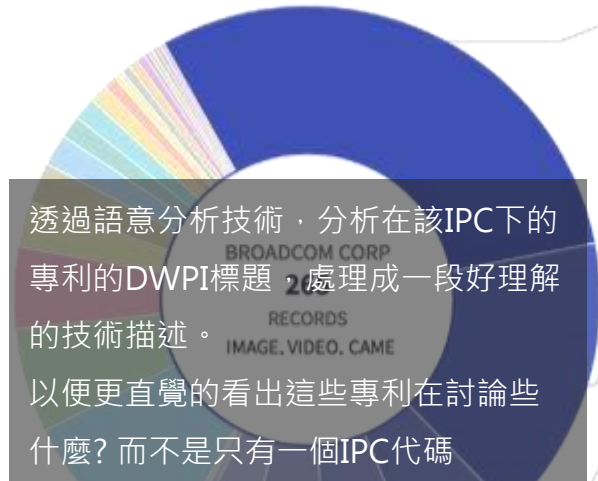
💡

Technology Landscape

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



新圖表上的描述是基於智能主題分析得到



× 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

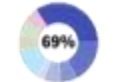
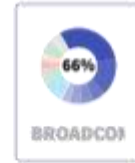
1%

IMAGE, VIDEO, CAMERA, DISPLAY, DECODING, PIXEL

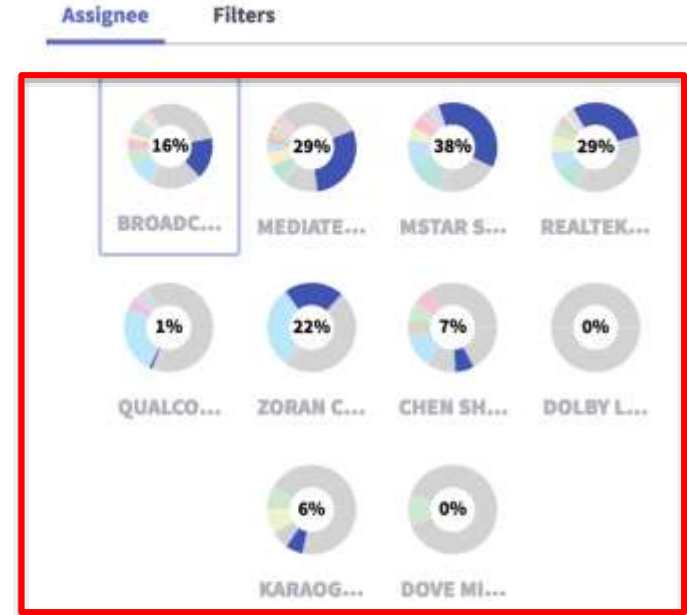
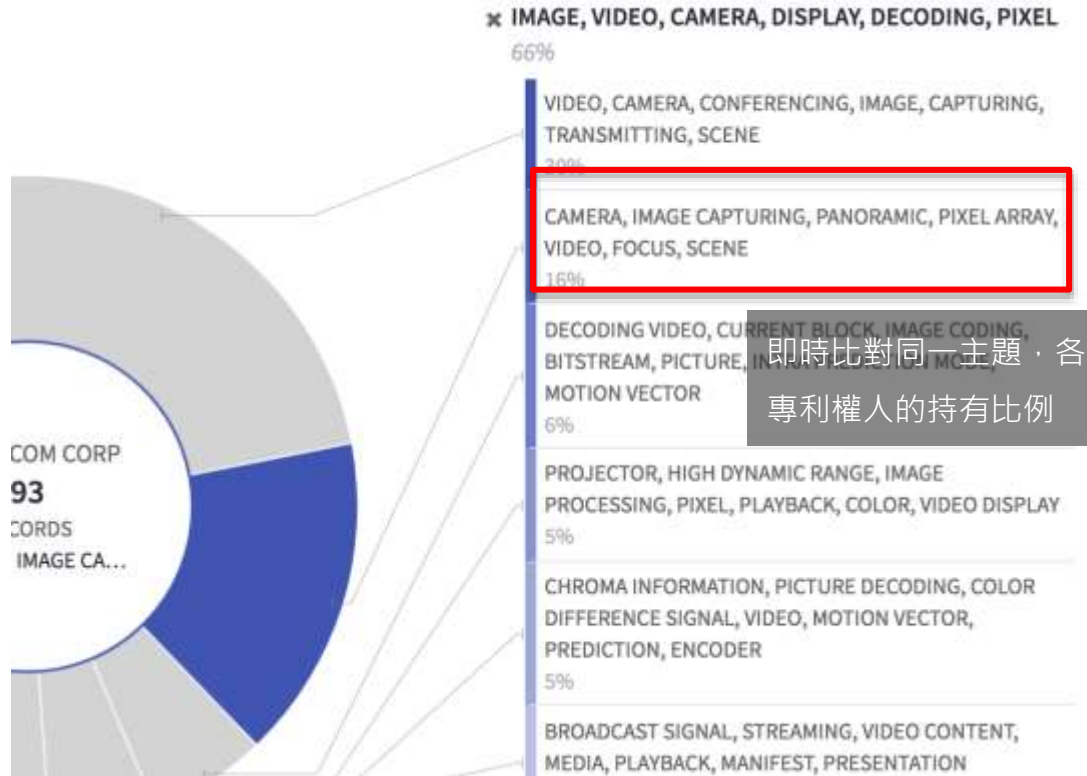
<1%

Assignee

Filters



新圖表上的描述是基於智能主題分析得到



新圖表上的描述是基於智能主題分析得到

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

Key insights:

Smart theme 還會先幫您解讀這個圖表，
並給出簡單的描述



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的進階功能

ThemeScape 專利地圖

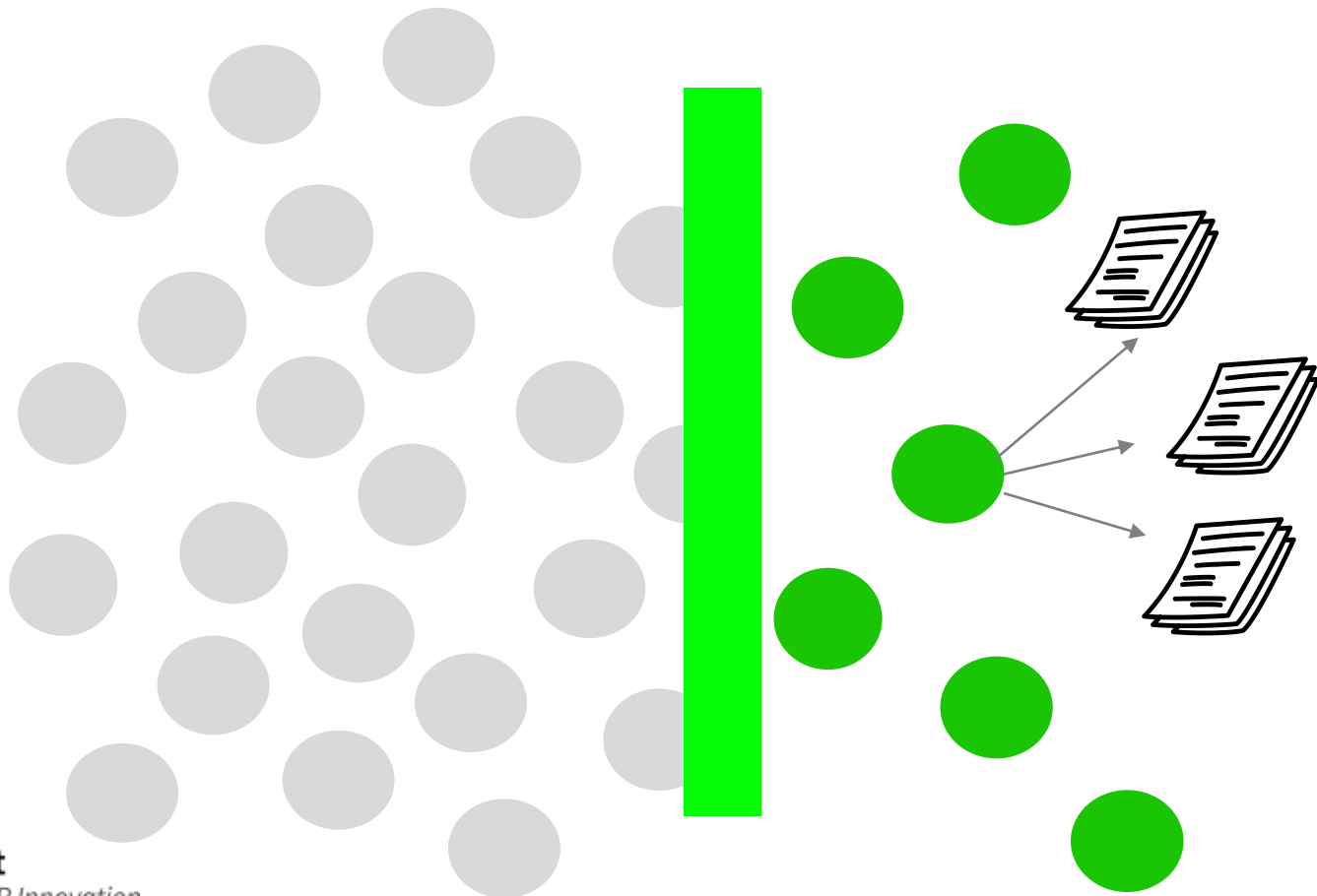
Text Clustering 文本聚類

文字探勘(Text Mining)

系統幫您比對所有專利的「文字內容」並統計「出現頻率」
整理出高度被討論的「主題」

海量專利文件

感興趣的主題



ThemeScape

專利地圖是一種資料分析工具，它可將專利或科技文獻上的內容，以圖像化的方式表現出主題全景圖 (Content Map)。這是一種按主題內容對所選文獻進行編排後的直觀表現形式。有助於使用者直關的從大量的數據中找到感興趣的主題，更進一步的挖掘或分析。

您的目的	您的檢索條件及檢索結果
兩間企業的技術比較	把兩間企業的相關專利都找出來
某間企業的專利組合	把該企業的專利找出來
某個產業的趨勢分析	把相關技術的專利找出來
您手邊正要處理的專利組合	輸入專利號把專利調出來
近年技術發展趨勢	限定年分後把專利找出來
前瞻技術趨勢	找出相關論文
...	...

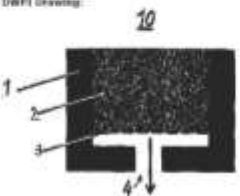
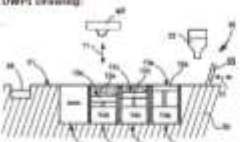


ThemeScape專利地圖

SEARCH RESULTS

1,000 records found out of 116,002,199 searched records (out of 1,000,000 records selected)

Displaying 1 - 20 of 362

Item	Publication Number	Optimized Assignee	INWI Assignee/Applicant	Publication Date	Dead/Alive	Relevance
1	CA1088481	SCHERING AG	BUNDESREPUBLIK DEUT BUNDESDEIN WIRTSCHAFT	2010-07-03	Active	84
<p>INWI Title: Device for stabilizing 20080103 for manufacturing powder-based 20080103 component used in prototyping connected to suction pump to produce low pressure so that 20080103 to proceed against filter</p> <p>INWI Drawing:</p> 						
2	CA1088481	8800 MEDICAL (P)SH	8800 MEDICAL AG	2017-03-16	Discontinued	75
<p>INWI Title: Products e.g. dental prostheses, manufacturing device for dental laboratory, tool applicator for applying resin equal to single of piece of material, where surface of segment is shaped to place</p> <p>INWI Drawing:</p> 						
3	CA1088481	VELODIO INC	VELODIO INC	2018-09-11	Active	67
<p>INWI Title: Method for generating three-dimensional object devoid of cavities or object devoid of features, and laser of object is provided with hollow of cavities...</p>						

Analyze→ ThemeScape

將當前的檢索結果進行專利地圖分析

Charts (Beta)

Charts

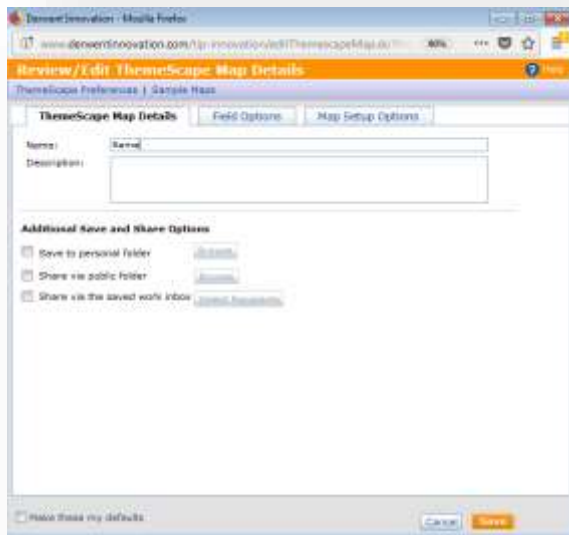
ThemeScape

Text Clustering

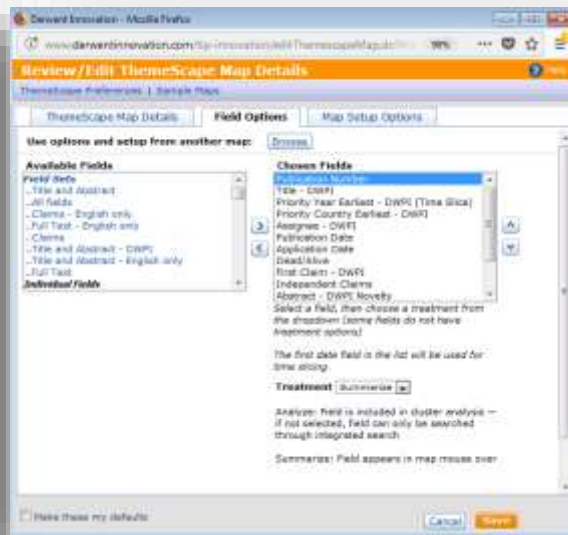
Analyze

Edit Custom Fields

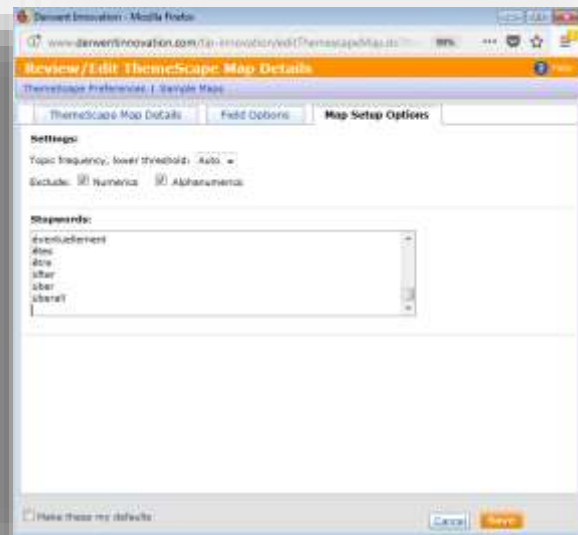
1. 地圖名稱與敘述

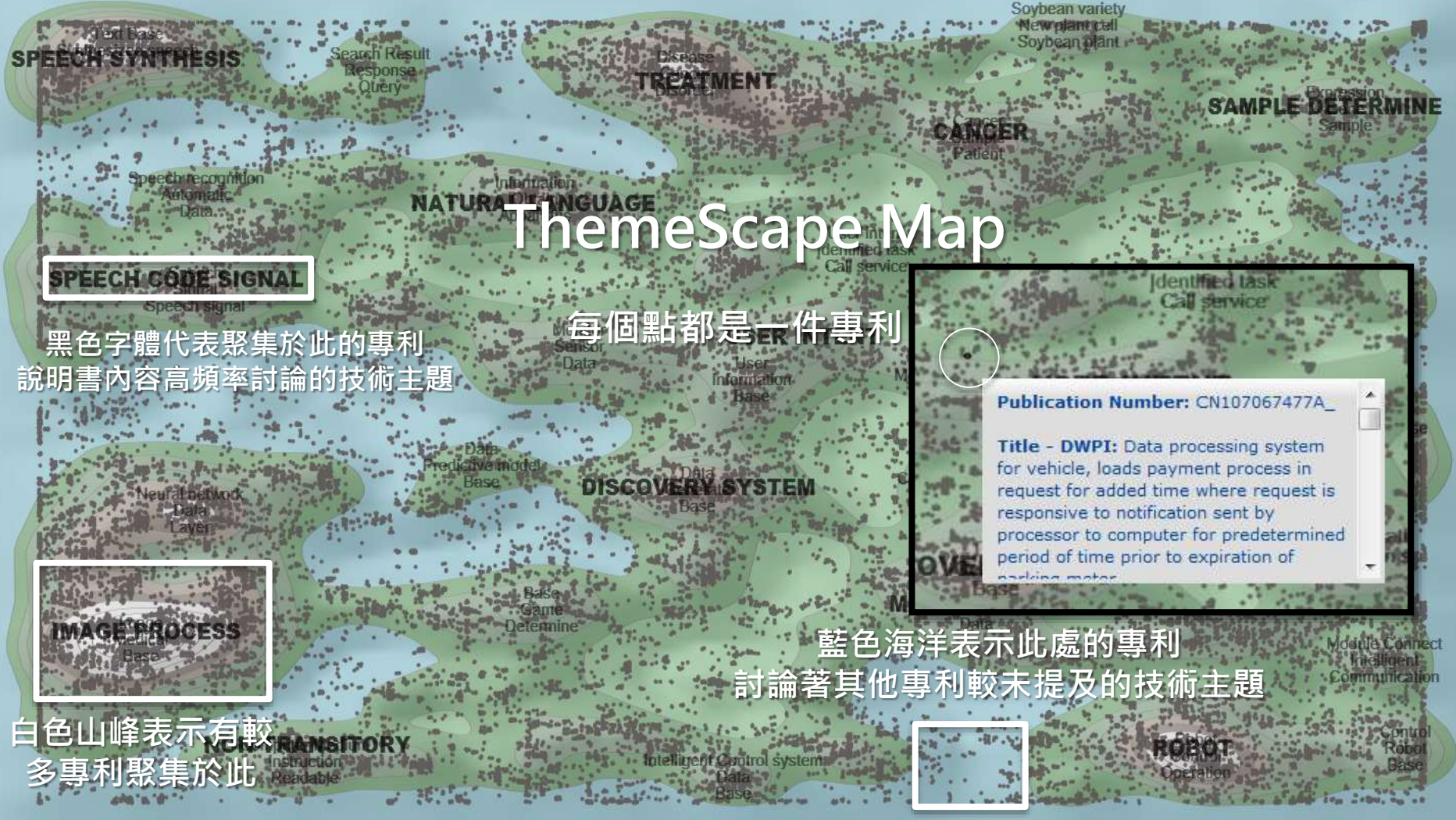


2. 選擇要顯示及分析的欄位



3. 指定不分析的字詞





ThemeScape Map

每個點都是一件專利

黑色字體代表聚集於此的專利
說明書內容高頻率討論的技術主題

藍色海洋表示此處的專利
討論著其他專利較未提及的技術主題

白色山峰表示有較
多專利聚集於此

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 parking meter

SPEECH CODE SIGNAL

IMAGE PROCESS

Identified task
Call service

ROBOT

INSTRUMENT TRANSITORY

DISCOVERY SYSTEM

ROBOT

Intelligent Control system
Data Base

Control
Robot
Base

NATURAL LANGUAGE

SPEECH SYNTHESIS

TREATMENT

CANCER

SAMPLE DETERMINE

Speech recognition
Automatic
Data

Information
Appraisal

Intelligent task
Call service

Speech signal

Sensor
Data

User
Information
Base

Data
Predictive model
Base

Data
Train
Base

Neural network
Data
Layer

Base
Game
Determine

OVER

Module Connect
Intelligent
Communication

Instruction
Readable

Operation

Text Clustering

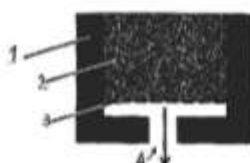
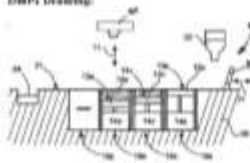

文本聚類是一種強大的分析工具，可對用戶所選欄位中檢索到的文本進行語意分析，從而對專利或科技文獻記錄進行自動分類。它採用一種類似於資料夾目錄的層級結構來整理和組織檢索結果，這種結構很容易進行向下的資料採擷，從而實現對檢索策略的精煉處理，並在主題詞和專利權人之間建立新的關聯。

Text Clustering 文本聚類

SEARCH RESULTS

1,000 records found out of 115,852,158 scanned records (limit 1,000) 360 DWPI families 0 records selected

Displaying 1 - 20 of 362 4 of 1 2 3 4 5 6 Page 1 of 19 Go to page: [] []

Item	Publication Number	Optimized Assignee	DWPI Assignee/Applicant	Publication Date	Dead/Alive
1	<p>10</p> 	SIHERING AG	BUNDESREPUBLIK DEUTSCHLAND BUNDESRECHT WIRTSCHAFT	2018-07-03	Alive
2		REDO MEDICAL GMBH	REDO MEDICAL AG	2017-05-18	Substantiated
3		VELODD INC	VELODD INC	2018-06-21	

Analyze → Text Clustering

將當前的檢索結果進行文本聚類分析

Charts (Beta)

Charts

ThemeScope

Text Clustering

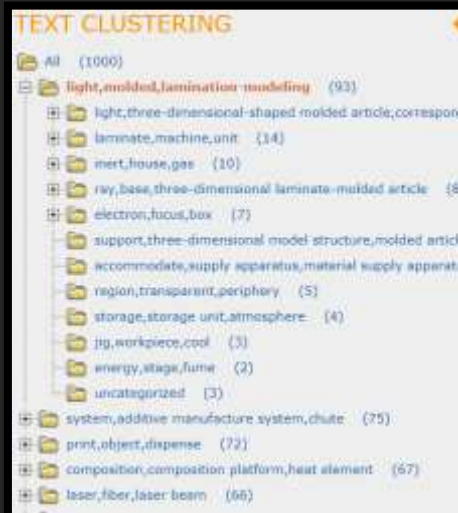
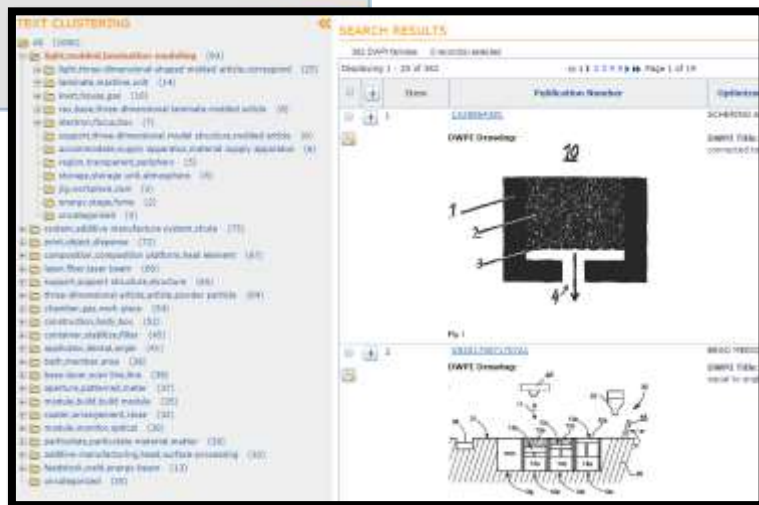
Automatically categorize

Text Clustering 文本聚類



附註說明

“文本聚類” 面板向您顯示為當前檢索結果創建的所有文本聚類。按一下聚類可查看與這些關鍵字相關的記錄的檢索結果。



Appendix I

切截符號 Wildcard/Truncation Operators

關鍵字*n

***星號**萬用字元可取代任何數量的字母，也包括0個字母，可在一個字詞的任意位置上使用，並不限於字詞尾端。

furfur* (furfur後可有零個或任意數量的字元)

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

furfur*l (furfur和“l”之間可有零個或任意數量的字元)

— 結果包括 *furfuryl* 和 *furfural*

furfur*3 (furfur後可有零至 3 個字元)

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

Derwent

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附註說明

“n”可填入1-99的數字，該數字表相鄰的字數距離。若不輸入自動代
表“1”。

當使用者使用雙引號“**關鍵字**”時，表示檢索的目標條件必須完全與引號內一致，在這個情況下並不適用切截符號。

關於Derwent Innovation運算元的資訊請參考下方連結：

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

鄰近運算元 Proximity Operators

ADJn

關鍵字詞需依序出現

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

在專利全文欄位(ALL)中檢索符合下列條件:

前面的關鍵字組**接下來的2個字**以內要出現後面的關鍵字組

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

NEARn

不受出現順序的限制

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

在專利全文欄位(ALL)中檢索符合下列條件:

前面的關鍵字組**周圍的2個字**以內要出現後面的關鍵字組

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

SAME

不受出現順序的限制

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

在專利全文欄位(ALL)中檢索符合下列條件:

前面的關鍵字組與後面的關鍵字組要**出現在同一段**

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

附註說明

" n" 可填入1-99的數字，該數字表相鄰的字數距離。若不輸入自動代表" 1" 。

使用者可在任何支援布林邏輯 (AND OR NOT)的欄位中，應用鄰近運算元。

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關於Derwent Innovation運算元的資訊請參考下方連結:

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

申請人檢索怎麼作?

申請人檢索第一步，可先就申請人名稱檢索

附註說明

公司樹:

顯示在考慮集團公司並購和收購的情況下，如何將專利權人名稱添加到公司層次結構中，這樣您就可以從該公司層次結構中選擇專利權人名稱以檢索專利。資料覆蓋美國和 EP 授權專利以及 EP 和 WIPO 專利申請。

如何使用請參考[連結](#)

DWPI專利權人代碼

專利權人代碼是分配給全球約 21,000 家公司之一的唯一 4 位元字母識別碼。檢索這些代碼可獲取指定公司的子公司及相關控股資訊。4 位元字母代碼可能包含尾碼。尾碼表示代碼的類型：

-C 表示標準代碼 (僅同一組織及其相關單位可使用) -N 表示非標準代碼(多個組織共用一個代碼) -I 表示個人代碼(非專屬) -R 表示俄羅斯代碼。您可通過公司名稱或專利權人代碼檢索 DWPI 專利權人代碼。

如何使用請參考[連結](#)

用OR連結彼此



PATENT SEARCH PUBLICATION NUMBER

FIELDLED EXPERT Change collections: All

Assignee/Applicant	amazon	一般申請人名稱檢索	Include blank fields
Assignee/Applicant	"AMAZONCOM" OR "LIQUAVISTA"	公司樹檢索(Corp Tree)	Include blank fields
Assignee Code-DWPI	(AMAZ-C)	DWPI專利權人代碼	Browse
Assignee-Current US	amazon	「當前」美國專利所有人	Include blank fields
Correspondent	amazon	代理所名稱(用企業名稱或省略)	

Templates

Make these my defaults

Clear All Fields Reset Search

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檢索指定專利局的專利該怎麼做？

The screenshot shows the Derwent Patent Search interface. The search criteria are as follows:

- Search Type: PUBLICATION NUMBER
- Field: Assignee/Applicant (value: TAIWAN SEMICONDUCTOR)
- Field: Smart Search-Topic (value: US or EP or CN or KR or JP)
- Field: Country Code (value: ..Country Code)

Additional interface elements include a search bar with the text "輸入欲檢索的國家代碼", a "Browse" button, and a "Clear All Fields" button. The search results show "19368 DWPI families" and "0 record(s) selected". A search example "musical instrument" tuning peg is visible at the bottom.

附註說明

各地區的專利號一定有該地區的代碼 (e.g. US8086236)

採用五大專利局地區代碼下檢索式
CC=(US or KR or JP or EP or CN)。

同理，欲檢索指定國家/地區的專利
只需在所有檢索條件的最後一項加
入國家代碼的檢索欄位作限縮即可，
無須調整Collection理的資料庫收錄
範圍。

如何查DWPI Assignee Code申請人代碼?

Derwent Innovation Welcome Henry Blueprints f

PATENT SEARCH PUBLICATION NUMBER

選擇Assignee Code欄位

Assignee Code-DWPI ? FUFA

Browse

Templates

Make these my defaults

Clear All Fields Reset Search

瀏覽/查詢 DWPI專利權人代碼

輸入公司查代碼
或輸入代碼查公司

DWPI Assignee Code Searching

Enter company w/ code: [FUFA] [Go]

138 (Items found)

Filter by company name or an assignee code to search all assignee codes without further (Type) specified are treated as searched for standard of code

Search Results

Name	DWPI	IC
PFIZER INC	9911	IC
PFIZER LTD	9911	IC
PFIZER CORP	9911	IC
PFIZER INC	9911	IC
PFIZER-HOSPITAL PROD GROUP INC	9911	IC
PFIZER-KBI & DEV CO	9911	IC
PFIZER PHARM FACTORY	9911	IC
PFIZER PHARMACEUTICALS CORP	9911	IC
PFIZER INC	9911	IC

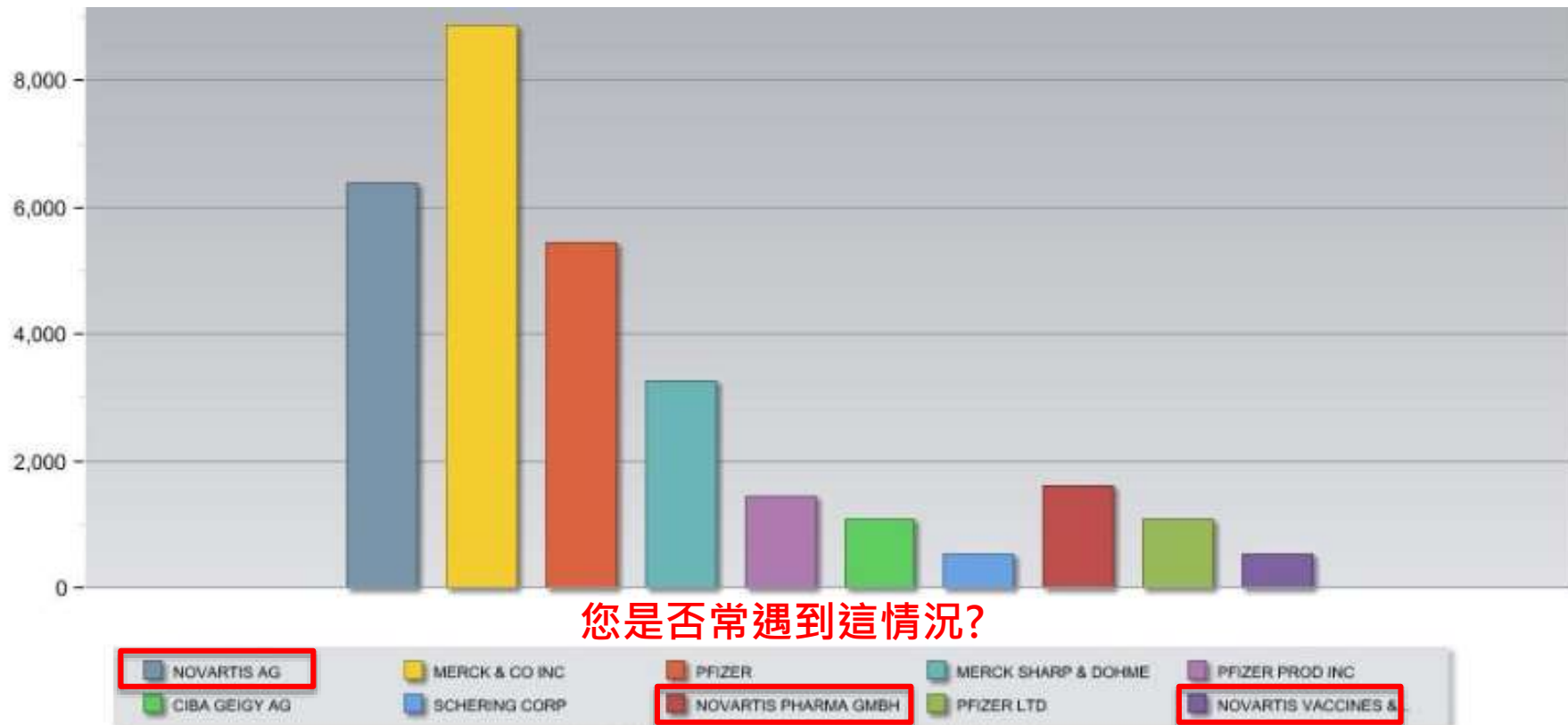
勾選任一個符合條件的代碼即可

如何應用DPWI Assignee Code幫助檢索？

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" and "Clarivate Analytics". Below the header, there are two tabs: "FIELDDED" (highlighted in orange) and "EXPERT". A grey box with white text says "一次檢索完包括相關企業的專利" (After one search, it includes patents of related companies). Below the tabs, there is a search bar with a dropdown menu set to "Assignee Code-DWPI" and a text input field containing "PFIZ-C or MERI-C or NOVS-C". A red box highlights the search bar area. To the right of the search bar are two buttons: a plus sign and a minus sign. Below the search bar, there is a "Templates" dropdown menu and a checkbox labeled "Make these my defaults". To the right of the search bar, there are three buttons: "Clear All Fields", "Reset", and "Search". Below the search bar, the results are displayed as follows:

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

如何應用DPWI Assignee Code幫助統計？



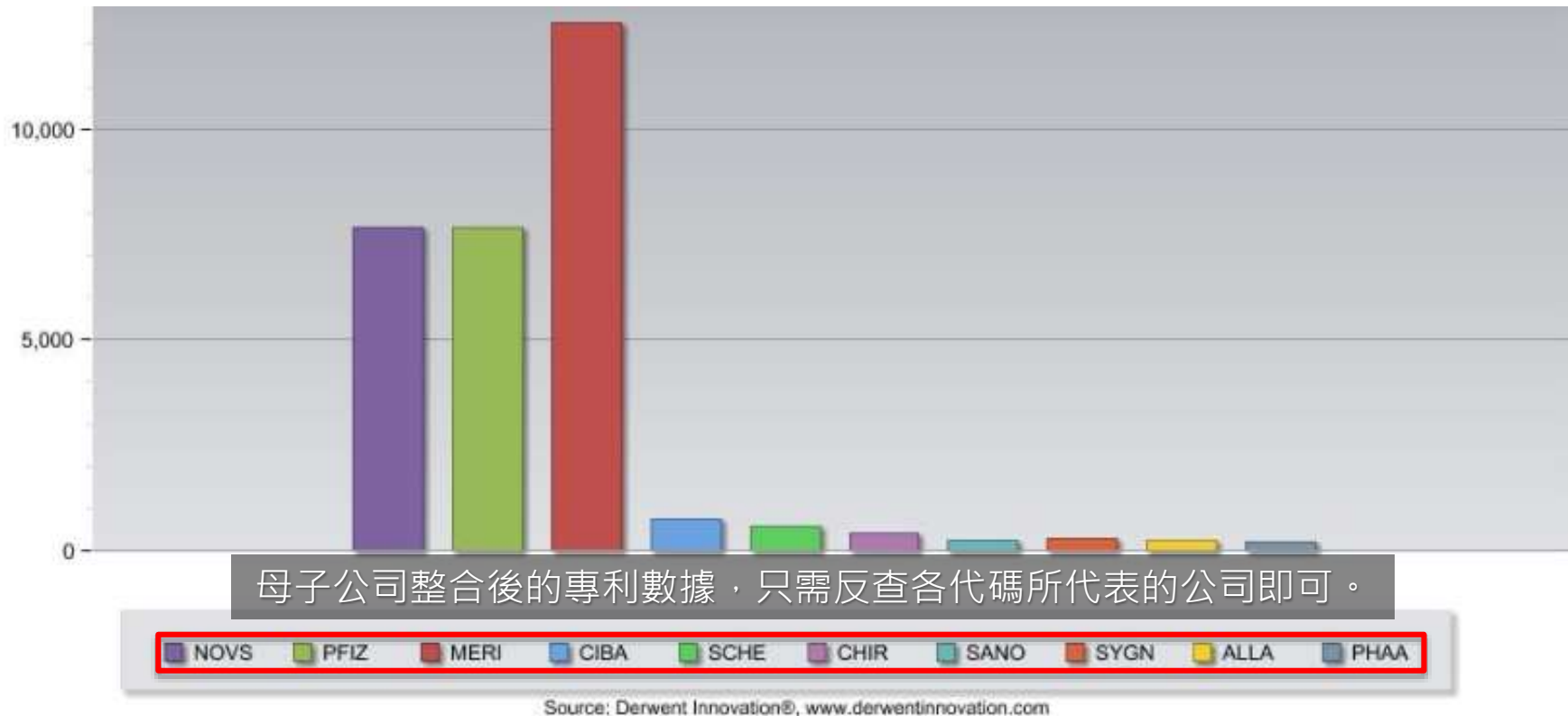
您是否常遇到這情況？

如何應用DPWI Assignee Code幫助統計？

點選調整圖表內容

稍微調整一下統計的依據
改為統計申請人代碼(事先經歸併的申請人資訊)

如何應用DPWI Assignee Code幫助統計？



數據集合和覆蓋範圍概述

Derwent Innovation 提供相關度最高的綜合性全球專利資訊集合，並收錄了亞太地區專利的英文翻譯，覆蓋範圍非常廣泛。

此外，Derwent Innovation 還將科技文獻集成在同一平臺上，有助於您快速執行全面深入的智慧財產權研究。

單擊下面的連結，瞭解這些可用集合的更多資訊：

[專利集合概述](#)

- [專利集合覆蓋範圍和更新時間安排](#)
- [DWPI 最新更新](#)
- [專利集合覆蓋範圍概要圖表](#)
- [核心版專利集合](#)
- [增值專利資訊 - DWPI 和 DPCI](#)

[亞洲專利集合](#)

[拉丁美洲專利集合](#)

[日文專利集合](#)

[科技文獻集合](#)

DWPI (Derwent World Patents Index)是什麼？

DWPI 加值專利資訊提供了 3,550 萬個同族專利，涵蓋超過 7,430 萬個專利記錄，覆蓋全球 50 個專利授予機構和 2 個期刊來源。由900多位DWPI專家對專利進行內容加值作業，包括改寫的精華摘要、專屬索引/分類系統、申請人正規化與除錯等...。使用者只要在Derwent Innovation上看到DWPI的字樣即表示該欄位內容是來自於DWPI專家團隊加工的內容。

The screenshot displays the DWPI interface for a patent record. The top navigation bar includes 'Record View: US9947007B2'. Below this, there are tabs for 'QUICK VIEW' and '德溫特摘要 DWPI Abstract'. The main content area is divided into sections: 'DWPI Title', 'Original Title', 'DWPI Abstract', and 'First Claim'. The abstract text is partially highlighted in purple, indicating added value. To the right, a technical drawing labeled 'Figure 1' shows a cross-section of a solar panel with various layers and components labeled with reference numerals (700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990).

The screenshot displays the 'Change collections:' section of the DWPI interface. It features two tabs: 'FIELDLED' (highlighted in orange) and 'EXPERT' (highlighted in blue). Below the tabs is a list of collections, each with a dropdown arrow and a question mark icon. The collections listed are:

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

 To the right of each collection name is a dropdown menu with a question mark icon, showing options like '((printer...)', 'FUFA', '((hydraul...', and '(A12-V04...'.

更多DWPI的資訊請參考下方連結:

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

分類列表、代碼和列表

國家/地區代碼	專利國家/地區代碼清單	國家/地區代碼
公司樹	公司樹幫助	專利權人/申請人
CPC 符號	CPC 檢索輔助工具	CPC - 全部
DWPI 專利權人代碼	專利權人代碼 - DWPI 檢索輔助工具幫助	專利權人代碼 - DWPI
DWPI 分類	DWPI 分類檢索輔助工具幫助	DWPI 分類
DWPI 手工代碼	DWPI 手工代碼檢索輔助工具幫助	DWPI 手工代碼
ECLA 分類 (歐洲分類)	ECLA 分類檢索輔助工具幫助	ECLA
F Term 和 FI 分類號	F Term、FI 分類號和 FI 方面分類號檢索輔助工具幫助	日本 F Term 日本 FI 分類號/FI 方面分類號
INPADOC 法律狀態碼	法律狀態碼列表	INPADOC 法律狀態
IPC (國際專利分類)	IPC 檢索輔助工具幫助	IPC - 全部
語言代碼	語言代碼 (ISO 639-2)	語言
專利文獻類型識別代碼	專利文獻類型識別代碼列表 DWPI 專利文獻類型識別代碼列表	專利文獻類型識別代碼 專利文獻類型識別代碼 (基本)
洛迦諾分類	WIPO 網站	洛迦諾
US Class (美國專利分類)	美國分類檢索輔助工具幫助	美國分類
美國專利維持狀態碼	美國專利維持狀態碼列表	美國專利維持狀態

Appendix II

Materials

Derwent Innovation 基礎入門資源 (連結)

檢索式和預警

[Smart Search](#)

[表單檢索和檢索結果](#)

[公開號檢索和檢索結果](#)

[創建預警](#)

集合

[專利](#)

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

[科技文獻](#)

培訓和參考

[演示和 YouTube 視頻](#)

[Derwent Innovation 使用者指南 \(PDF\)](#)

[適用於 Express 用戶的 Derwent Innovation 使用者指南s \(PDF\)](#)

[分類、代碼和列表](#)

[培訓課程](#)

[可下載的參考和提示與技巧](#)

系統資訊

[發行說明](#)

[技術要求](#)

[系統維護時間安排](#)

分析和工作流

[ThemeScape 專利地圖](#)

[競爭情報圖表](#)

[檢索歷史](#)

[下載專利 PDF 文件](#)

[匯出和報告](#)

自訂環境

[首選項](#)

[檢索範本](#)

[匯出範本](#)

[自訂欄位](#)

免費教學影片 (YouTube 連結)

快速入門	研究	結果
<ul style="list-style-type: none"> • 研究特定技術 • 通過結果儀錶盤探索檢索結果 • 從儀錶盤快速查找專利 • 快速查找和下載專利 • 快速訂購專利文獻 • Derwent Innovation 儀錶盤 • Derwent Innovation 檢索和結果 • 保存結果以便將來查看 	<ul style="list-style-type: none"> • 創建專利檢索範本 • 查找專利列表的同族專利 • 查找專利列表的引用 • 查找檢索結果的全部同族專利 • 查找轉讓的美國專利 • 查看美國專利申請的當前所有者 • “專利權人 - 當前 (美國)” 欄位如何確定專利的當前所有者 • 使用公司樹研究授予特定公司的專利 • 使用公司樹檢索多個專利權人 	<ul style="list-style-type: none"> • Combine Data Points in the Results Dashboard • 快速查看檢索結果 • 輕鬆地集中顯示最相關的結果 • 更改檢索結果顯示 • 使用篩選功能集中顯示最相關的結果 • 通過二次檢索精煉您的結果 • 將檢索結果中的相關記錄分組在一起
預警和監控記錄	分析	檢索歷史
<ul style="list-style-type: none"> • 創建預警 • 監控記錄是否有更改 • 預警和監控記錄之間的區別 	<ul style="list-style-type: none"> • 生成 ThemeScape 專利地圖 • 快速分析：競爭形勢概覽 • 快速分析：專利區域分佈 	<ul style="list-style-type: none"> • 將檢索式添加到檢索歷史 • 將檢索式複製到其他檢索歷史 • 編輯檢索歷史中的檢索式 • 將檢索式保存到新的檢索歷史

Derwent Innovation成功藍圖 PDF下載 (欲取得最新內容需自行上網站下載)

保證新發明的自由使用權

我們的新發明是否對任何活動（可行權的）的專利構成侵權？我們的新發明可以在特定市場實現商業化嗎？預計該發明存在哪些新的侵權風險？

自由使用權 (FTO) 研究可幫助您決定是否可以圍繞某項發明採取行動（例如測試或商業化），同時又不會侵犯他人的智慧財產權。

通過 Derwent Innovation，可以在將發明投入市場前，非常輕鬆地執行全面的 FTO 研究。強大的檢索工具和我們的高級預測資料可生成精確且全面的結果，清晰識別活動專利。通過這些工具可以輕鬆評估待定專利申請可能存在的風險，並在這些專利申請取得專利生命週期內的任何進展時收到通知。

立即下載：[保證新發明的自由使用權](#)

研究特定技術領域的專利

我能否找到某項特定技術的所有專利？我如何確保我的關鍵字檢索能夠找到與某項技術相關的所有專利？我如何找到關於某項技術特定方面的較多檢索結果？

探索如何借助分類代碼輕鬆查找與某項技術有關的所有專利，或者重點檢索與特定技術方面相關的結果。

立即下載：[研究特定技術領域的專利](#)

評估組合的合併、收購或許可

作為收購目標的公司的專利組合有何價值？我們的專利組合是否與潛在合併公司的專利組合互為補充？專利組合中是否存在任何低價值或無用的負擔？如果存在，我們該如何許可或售出這些低價值專利？

通過 Derwent Innovation，可以非常輕鬆地對整個專利組合進行評估。強大的工具可幫助您快速鎖定高價值專利、評估互補組合並發現潛在的許可機會。

立即下載：[評估組合的合併、收購或許可](#)

Derwent
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研究化學物質和藥物學

如何在 Derwent Innovation 中研究化學或藥品成分？我可以進行什麼類型的研究？我可以找到即將過期的藥品嗎？我可以為我們現有的專利找到新的用途嗎？Derwent Innovation 提供用於研究化學物質和藥物學相關專利的的基本工具。通過 Smart Search，可以很輕鬆地找到所有可能的化學公式名稱，並且您可以使用這些公式精心編排有針對性的檢索，以用於查找特定物質、及其用途、製造工藝或相關流程的記錄。

立即下載：[研究化學物質和藥物學](#)

支持專利訴訟

我如何針對專利侵權案件進行辯護？我如何針對我的專利組合提起侵權訴訟？對專利侵權案件進行辯護時，您可以輕鬆研究主張專利的訴訟歷史，評估潛在損失，並確立您的發明的新穎性。

在針對您的智慧財產權提起侵權訴訟時，您可以快速識別自己最具價值的專利，發現可能的侵權行為，並針對潛在的侵權行為進展設置通知。

立即下載：[提起專利訴訟和進行辯護](#)

創新與市場趨勢

某項特定技術的市場到底是會繼續走熱還是會出現降溫態勢？您是否應該投資這一領域？您的現有發明是否存在新市場？

通過結果儀錶盤和 ThemeScope 專利地圖將檢索結果重點落在某一特殊技術上，讓您可以輕鬆分析特定技術領域的趨勢，並找到問題的答案。

立即下載：[評估組合的合併、收購或許可](#)

更多成功藍圖資訊：

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



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