

# Relecura 資料庫 - 專利分析利器

新聚能科技 @ NTUST

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March 2020

# Relecura資料庫簡介

- 開發者：印度Indus TechInnovations
- 類型：網頁式專利檢索分析資料庫
- 資料類型  
專利範圍、說明書全文、法律狀態、書目資訊。
- 收錄範圍  
專利範圍／說明書全文：20+個專利局  
(包括US、EP、CN、WO、JP、KR…等)  
法律狀態：50+個專利局  
書目資料：100+個專利局

# 專利檢索

# 專利檢索首頁

The screenshot shows the Relecura patent search homepage. At the top, there is a blue navigation bar with a logo on the left, a 'Messages' button, and several utility icons on the right. Below the navigation bar, the Relecura logo is centered. Two tabs are visible: 'Patent Documents' (active) and 'Assignment Transactions'. The main search area contains a white box with four tabs: 'Quick Search' (marked 'new'), 'Expert Search' (selected), 'Semantic Search', and 'Publication #'. Inside the 'Expert Search' tab, there is a large text input field containing the example query: 'Example - tac:(cell\* OR mobile) AND ft:(low ADJ4 power)'. Below the input field are two links: 'Query Syntax' and 'Detailed Syntax >>'. At the bottom of the search area, there is a blue 'Search' button and a grey 'Advanced / Fielded Search >>' button. In the bottom right corner, there is a green 'Offline' button. The footer on the left shows the copyright notice '© 2020 Relecura Inc.'.

Messages

Relecura

Patent Documents Assignment Transactions

Quick Search<sup>new</sup> Expert Search Semantic Search Publication #

Example - tac:(cell\* OR mobile) AND ft:(low ADJ4 power)

Query Syntax Detailed Syntax >>

Search Advanced / Fielded Search >>

Offline

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# 主要介面

The screenshot displays the Relecura web application interface. The top navigation bar includes a '回到首頁' (Home) button, a '更新訊息' (Update Messages) button, and a 'Messages' button. A secondary navigation bar contains icons for '回到最後檢索' (Return to last search), '檢索策略' (Search strategy), '專利分類圖' (Patent classification map), '14天檢索紀錄' (14-day search record), '匯出' (Export), '已儲存的檢索' (Saved searches), and '設定選單' (Settings menu). The main content area features the 'Relecura' logo and tabs for 'Patent Documents' and 'Assignment Transactions'. Below these are search tabs: 'Quick Search' (marked as 'new'), 'Expert Search', 'Semantic Search', and 'Publication #'. A search input field contains the example query: 'tac:(cell\* OR mobile) AND ft:(low ADJ4 power)'. Below the input field are links for 'Query Syntax' and 'Detailed Syntax >>'. A 'Search' button and an 'Advanced / Fielded Search >>' link are also present. A 'Live Chat' button is located at the bottom right. A sidebar on the right contains a '登出鍵' (Logout button) and a list of settings and management options: 'Manage Shared Portfolios', 'Manage Shared Documents', 'Manage Public Taxonomies', 'Manage Dashboards', 'Manage Tags', 'Manage Alerts', 'Taxonomy Builder', 'Custom Formula Builder', 'Settings' (expanded to show 'Account Settings', 'Display Fields', 'Search Options', and 'Custom Graph Options'), 'Browse Class Codes', and 'Contact Support'. A '說明影片' (Help video) icon is also visible.

回到首頁

更新訊息

Messages

回到最後檢索

檢索策略

專利分類圖

14天檢索紀錄

匯出

已儲存的檢索

設定選單

簡單檢索介面

Relecura

Patent Documents

Assignment Transactions

Quick Search <sup>new</sup>

Expert Search

Semantic Search

Publication #

Example - tac:(cell\* OR mobile) AND ft:(low ADJ4 power)

Query Syntax

Detailed Syntax >>

Search

Advanced / Fielded Search >>

說明影片

登出鍵

Manage Shared Portfolios

Manage Shared Documents

Manage Public Taxonomies

Manage Dashboards

Manage Tags

Manage Alerts

Taxonomy Builder

Custom Formula Builder

Settings

Account Settings

Display Fields

Search Options

Custom Graph Options

Browse Class Codes

Contact Support

線上支援服務

Live Chat

管理已分享檢索結果

管理已分享單篇文件

管理公開的分類圖

修改儀表板布局

管理自訂註記文件

管理追蹤通知

建立專利分類圖

自訂專利品質公式

設定

帳號設定

檢索結果欄位設定

檢索偏好設定

分析圖表顏色設定

查詢專利分類號

聯絡支援

# Quick Search – 快速檢索 (關鍵字/專利權人檢索)

The screenshot shows the 'Quick Search' interface with the following elements and annotations:

- Navigation Tabs:** Quick Search <sup>new</sup>, Expert Search, Semantic Search, Publication #.
- Terms:** Input field with 'Example - "electric vehicle", "battery charging"'. An annotation box labeled '關鍵字 (AND關係)' points to this field.
- Company:** Input field with 'Example - IBM, Google'. An annotation box labeled '專利權人' points to this field.
- Timeline:** Buttons for 'All Years', 'Last 5 Years', 'Last 10 Years', 'Last 20 Years', and 'Custom'. The 'Custom' button is active, showing a date range of '1970 : 2020'. An annotation box labeled '公開/公告日' points to this section.
- Choose:** A horizontal slider bar.
- Search Button:** A blue button labeled 'Search ?'.
- Advanced Search Link:** A button labeled 'Advanced / Fielded Search >> ?'.
- Annotation:** A red box labeled '轉至進階檢索介面' points to the 'Advanced / Fielded Search >> ?' button.

# Advanced/Fielded Search – 進階檢索(表格檢索)

The screenshot shows the Advanced/Fielded Search interface with the following annotations:

- 點選檢索欄位** (Click to select search field): Points to the left sidebar containing categories like Text, Assignees / Inventors, and Dates.
- 欄位布林邏輯** (Field Boolean Logic): Points to the AND/OR dropdown menus between search fields.
- 部分欄位支援中文(ZH)** (Some fields support Chinese (ZH)): Points to the language dropdown menu (EN/ZH).
- 只搜尋完全符合的字詞** (Only search for words that fully match): Points to the Exact Match checkbox.
- 從上次檢索結果找出本次相符者 (交集)** (Find matches from the previous search result (Intersection)): Points to the New Search button.
- 從上次檢索結果移除本次相符者 (差集)** (Remove matches from the previous search result (Difference)): Points to the Refine Search button.
- 將目前欄位與順序儲存為常用欄位** (Save current fields and order as favorite fields): Points to the Save as Template button.
- 清空欄位內容 不會變更欄位順序** (Clear field content, will not change field order): Points to the Clear Data button.

The interface includes a sidebar for selecting search fields (Text, Assignees / Inventors, Dates), a main search area with multiple fields (Title-Abstract-Claims, Full Text, Filing Date, Current Assignees), and a bottom bar with buttons for New Search, Refine Search, Remove from Search, Save as Template, and Clear Data.



# Advanced/Fielded Search – 進階檢索(表格檢索)

6大檢索主題  
53個檢索標的

特色欄位

Text	Assignees / Inventors	Dates	Document Numbers	Others
Title-Abstract-Claims	Original Assignees ?	Filing Date	Publication Number	Country Code
Full Text	Normalized Orig Assign. ?	Filing Year	Application Number	Kind Code ?
Title	Current Assignees ?	Published Date	Orig Application Number ?	Publication Type ?
Abstract	Normalized Curr Assign. ?	Published Year	Backward Citations	IP Type ?
Claims	All Assignees ?	Priority Date	Forward Citations	Priority Country Code
Independent Claims	FC Assignees ?	Priority Year		Inventor Country Code
Description	Normalized FC Assign. ?	Approx. Expiry Date		Applicant Country Codes
Concepts ?	Relecura Assignees ?	Approx. Expiry Year		Designated States ?
Technologies ?	Ultimate Parent ?	Grant Date		Attorneys
Sub-Technologies ?	Inventors	Grant Year		Attorney Address
				Primary Examiner
				Legal Event Code ?
				NPL Citations ?
				Patent Status



# 運算符

運算符	說明	範例	結果
單複數	名詞單複數皆可	vehicle	vehicle, vehicles都會出現
AND	交集符	electric AND vehicle	有electric且有vehicle者
OR	聯集符	electric OR vehicle	有electric或有vehicle者
NOT	差集符	electric NOT vehicle	有electric且無vehicle者
?	取代符: 取代1字元	Fac?book	Facebook, Factbook
*	萬用符: 任何長度字元	co*	comebuy, coldstone, costco
( )	= OR	(electric vehicle)	有electric或有vehicle者
“ ”	限定完全相同詞組	“electric vehicle”	僅有electric vehicle 無electric vehicles
“( ) ( )”	前後任意組合詞組	“(mobile wireless) (phone device)”	mobile phone, mobile device wireless phone, wireless device
( ADJn ) “ ” ~>n	n字元內相同順序詞組	(electric ADJ3 vehicle) “electric vehicle”~>3	electric vehicle <sub>1</sub> electric motor <sub>1</sub> vehicle <sub>2</sub> electric or <sub>1</sub> hybrid <sub>2</sub> vehicle <sub>3</sub>
( NEARn ) “ ” ~n	n字元內任意順序詞組	(electric NEAR3 vehicle) “electric vehicle”~3	electric vehicle <sub>1</sub> ; vehicle electric <sub>1</sub> electric or <sub>1</sub> hybrid <sub>2</sub> vehicle <sub>3</sub> vehicle with <sub>1</sub> an <sub>2</sub> electric <sub>3</sub> motor
[日期 TO 日期]	yyyy-mm-dd 日期區間	[2015 TO 2017] [2015-01-01 TO 2015-06-30]	2015-01-01到2017-12-31 2015-01-01到2015-06-30

# 瀏覽閱讀

# 專利清單

The screenshot displays the Synergitek Patent Search interface. The main table lists patent entries with columns for Patent Number, Date, Title, Assignee, and Parent. The interface includes a left sidebar with navigation options like Dashboard, Results, Taxonomy, Graphs, Refine, and Browse. A top navigation bar shows 'Patent' and 'Assignment' tabs. A search bar at the top right indicates '468,688 documents found' and 'Showing 1 to 100 documents'. A dropdown menu for 'Sort By' is open, showing options like Family, Equivalents, Application #, Disabled, Relevance, Patent Quality, # F Citations, Filing Date, Published Date, Priority Date, and Expiry Date. A 'Keywords' section on the left allows for filtering by 'OR', 'AND', and 'NOT' operators. A 'Browse' button is highlighted in the sidebar. A 'Zoom' button is in the top right corner. A 'Page 1 of 1000' indicator is at the bottom right.

**篩選** (Filter)

**排序規則** (Sort Rule)

**文件合併規則** (Document Merge Rule)

**縮放專利詳細資訊** (Zoom Patent Detailed Information)

**Browse 進階雙維篩選** (Browse Advanced Double-Dimensional Filtering)

**點選進入詳細瀏覽** (Click to Enter Detailed View)

**瀏覽頁面** (Browse Page)

Patent Number	Date	Title	Assignee	Parent
DE102018006408A1	2020-02-20	1818-08-14	DE102018006408A1	DE102018006408A1
DE102018213852A1	2020-02-20	1818-08-17	DE102018213852A1	DE102018213852A1
DE102019121837A1	2020-02-20	1919-08-13	DE102019121837A1	DE102019121837A1
DE102018213826A1	2020-02-20	1818-08-16	DE102018213826A1	DE102018213826A1
US20200055355A1	2020-02-20	1818-02-13	US20200055355A1	US20200055355A1
US20200055360A1	2020-02-20	1919-08-20	US20200055360A1	US20200055360A1
US20200055371A1	2020-02-20	1818-08-14	US20200055371A1	US20200055371A1
US20200055372A1	2020-02-20	1616-07-27	US20200055372A1	US20200055372A1
US20200055383A1	2020-02-20	1717-11-21	US20200055383A1	US20200055383A1

# 專利清單

Patent Assignment

Results

Sort By Published Date Group By Disabled

Expand Add Tags Share

468,688 documents found Showing 1 to 100 documents

Publication #	Published	Filed	Title	Current Assignees	Ultimate Parent
DE102009033962B4	2020-02-20	2009-07-20	[EN] Drive train with engine, gearbox, planetary electrical machine	BORGWARNER INC	BorgWarner
DE102018006408A1	2020-02-20	2018-08-16	[EN] Electric vehicle drive with charging while	BYVILL PE	BYVILL PE
DE102018213852A1	2020-02-20	2018-08-16	[EN] ce f ve d	AR MC CIR	AR MC CIR
DE102019121837A1	2020-02-20	2019-07-18	[EN] ster d m	---	---
DE102018213826A1	2020-02-20	2018-08-16	[EN] first modulation signal of a first traction drive with signal on a second inver traction drive in an elect	---	---
US20200054506A1	2020-02-20	2019-07-18	[EN] WHEELCHAIR LIFT CONSUMPTION	Nuctech Company Limited	Nuctech
US20200055355A1	2020-02-20	2018-02-13	[EN] TRACTION DEVICE AND TRACTION METHOD	Nuctech Company Limited	Nuctech
US20200055360A1	2020-02-20	2019-08-20	[EN] ADJUSTABLE SUSPENSION MOUNT ASSEMBLY	---	---
US20200055371A1	2020-02-20	2018-08-14	[EN] CLOSED LOOP AUXILIARY HEATING CIRCUIT AND AN ELECTRIC MOTOR VEHICLE INCORPORATING THAT CIRCUIT	---	---
US20200055372A1	2020-02-20	2016-07-27	[EN] AIR-CONDITIONING APPARATUS	Mitsubishi Electric Corporation	Mitsubishi
US20200055383A1	2020-02-20	2017-11-21	[EN] LOCKING DEVICE, FIXED BASE AND ELECTRIC VEHICLE	---	---

Keywords ?

OR AND NOT

tax:electric AND tac:ve...  
pd\_year:[2015 TO \*]

Suggestions

control unit  
electric motor  
electric vehicle  
motor  
motor vehicle

Exact Match Search

Concepts ?

Technologies ?

US Classifications

IPC Codes

CPC Codes

Country Codes

[ALL]

IP Type ?

[ALL]

Publication Type ?

[ALL]

By Family  
By Equivalents  
By Application #

加入自訂標註

Tag Document

Tag Only Selected  
Tag Publication Series  
Tag All Equivalents  
Tag All Family Members

Click to add tags for upto top 1,000 results

Top # Results 100  
Maximum of 1,000 results

Private Tags  
Click enter to add a tag when typing

Shared Tags  
Click enter to add a tag when typing

Save Cancel

擴展檢索結果

分享檢索結果

With Relecura User  
Public Portfolio

Save All Export

1 of 1000

# 專利清單

Patent Assignment

Results

Sort By: Published Date Group By: Disabled

Expand Add Tags Share

468,688 documents found Showing 1 to 100 documents

Publication #	Published	Filed	Title	Current Assignees	Ultimate Parent
<input type="checkbox"/> DE102009033962B4	2020-02-20	2009-07-20	[EN] Drive train with engine, gearbox, planetary and electrical machine	BORGWARNER INC	BorgWarner
<input checked="" type="checkbox"/> DE102018006408A1	2020-02-20	2018-08-14	[EN] <i>Electric vehicle</i> drive with integrated <i>electric</i> battery - charging while driving by using the wind energy generated while driving	RYLL PETER	RYLL PETER
<input checked="" type="checkbox"/> DE102018213852A1	2020-02-20	2018-08-17	[EN] Method and device for operating an auxiliary <i>electric</i> drive and drive device for a <i>vehicle</i>	ZAHNRADFABRIK FRIEDRICHSHAFEN	ZF Friedrichshafen
<input checked="" type="checkbox"/> DE102019121837A1	2020-02-20	2019-08-13	[EN] CLOSED AUXILIARY HEATING CIRCUIT AND AN <i>ELECTRIC</i> MOTOR <i>VEHICLE</i> THAT INTEGRATES THIS CIRCUIT	FORD GLOBAL TECH LLC	Ford
<input checked="" type="checkbox"/> DE102018213826A1	2020-02-20	2018-08-16	[EN] <i>Electric</i> drive system for an electrically operated <i>vehicle</i> and method for synchronizing a first modulation signal on a first inverter device in a first traction drive with a second modulation signal on a second inverter device in a second traction drive in an <i>electric</i> drive system	BOSCH GMBH ROBERT	Bosch
<input type="checkbox"/> US20200054506A1	2020-02-20	2019-07-18	[EN] WHEELCHAIR LIFT WITH LOW ENERGY CONSUMPTION	Autolift S.r.l.	AUTOLIFT S R L
<input type="checkbox"/> US20200055355A1	2020-02-20	2018-02-13	[EN] TRACTION DEVICE AND TRACTION METHOD	Nuctech Company Limited	Nuctech
<input type="checkbox"/> US20200055360A1	2020-02-20	2019-08-20	[EN] ADJUSTABLE SUSPENSION MOUNT ASSEMBLY	---	---
<input type="checkbox"/> US20200055371A1	2020-02-20	2018-08-14	[EN] CLOSED LOOP AUXILIARY HEATING CIRCUIT AND AN <i>ELECTRIC</i> MOTOR <i>VEHICLE</i> INCORPORATING THAT CIRCUIT	---	---
<input type="checkbox"/> US20200055372A1	2020-02-20	2016-07-27	[EN] AIR-CONDITIONING APPARATUS	Mitsubishi Electric Corporation	---
<input type="checkbox"/> US20200055383A1	2020-02-20	2017-11-21	[EN] LOCKING DEVICE, FIXED BASE AND <i>ELECTRIC VEHICLE</i>	---	---

Keywords: tac:electric AND tac:ve... pd\_year:[2015 TO \*]

Concepts: Technologies: US Classifications: IPC Codes: CPC Codes: Country Codes: [ALL] IP Type: [ALL] Publication Type: [ALL]

Save All Export 4

儲存所有結果 匯出資料或統計數據

Save 儲存結果  
Export 匯出資料  
View as Result 以這幾件再檢索  
Explore 文字雲  
Remove 從結果中移除  
Add Tags 加入自訂標註  
Clear List 清除選取

# 專利清單

分析與進階應用

Patent Assignment

Results

Sort By: Published Date Group By: Disabled

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468,688 documents found Showing 1 to 100 documents

Publication #	Published	Filed	Title	Current Assignees	Ultimate Parent
DE102009033962B4	2020-02-20	2009-07-20	Drive train with engine, gearbox, planetary and electrical machine	BORGWARNER INC	BorgWarner
DE102018006408A1	2020-02-20	2018-08-14	Electric vehicle drive with integrated electric battery - charging while driving by using the wind energy generated while driving	RYLL PETER	RYLL PETER
DE102018213852A1	2020-02-20	2018-08-17	Method and device for operating an auxiliary electric drive and drive device for a vehicle	ZAHNRADFABRIK FRIEDRICHSHAFEN	ZF Friedrichshafen
DE102019121837A1	2020-02-20	2019-08-13	CLOSED AUXILIARY HEATING CIRCUIT AND AN ELECTRIC MOTOR VEHICLE THAT INTEGRATES THIS CIRCUIT	FORD GLOBAL TECH LLC	Ford
DE102018213826A1	2020-02-20	2018-08-16	Electric drive system for an electrically operated vehicle and method for synchronizing a first modulation signal on a first inverter device in a first traction drive with a second modulation signal on a second inverter device in a second traction drive in an electric drive system	BOSCH GMBH ROBERT	Bosch
US20200054506A1	2020-02-20	2019-07-18	WHEELCHAIR LIFT WITH LOW ENERGY CONSUMPTION	Autolift S.r.l.	AUTOLIFT S R L
US20200055355A1	2020-02-20	2018-02-13	TRACTION DEVICE AND TRACTION METHOD	Nuctech Company Limited	Nuctech
US20200055360A1	2020-02-20	2019-08-20	ADJUSTABLE SUSPENSION MOUNT ASSEMBLY	---	---
US20200055371A1	2020-02-20	2018-08-14	CLOSED LOOP AUXILIARY HEATING CIRCUIT AND AN ELECTRIC MOTOR VEHICLE INCORPORATING THAT CIRCUIT	---	---
US20200055372A1	2020-02-20	2016-07-27	AIR-CONDITIONING APPARATUS	Mitsubishi Electric Corporation	Mitsubishi
US20200055383A1	2020-02-20	2017-11-21	LOCKING DEVICE, FIXED BASE AND ELECTRIC VEHICLE	---	---

Keywords: tac:electric AND tac:ve... pd\_year:[2015 TO \*]

Refine: control unit, electric motor, electric vehicle, motor, motor vehicle

Exact Match Search

Concepts Technologies US Classifications IPC Codes CPC Codes Country Codes [ALL] IP Type [ALL] Publication Type [ALL]

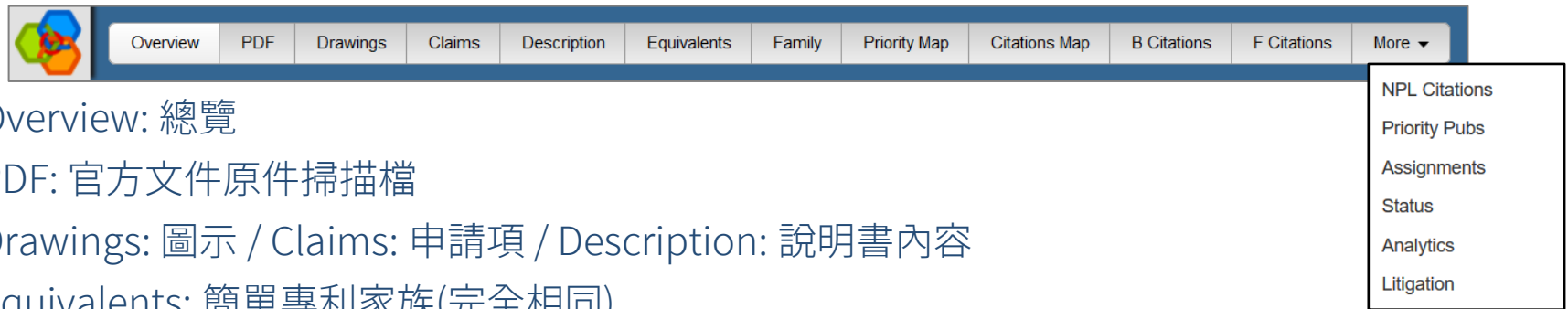
Save All Export

1 of 1000

閱覽pdf 開啟雙頁模式 Manage Tags Share Similar Search Prior Art



# 詳細瀏覽：Overview



Overview: 總覽

PDF: 官方文件原件掃描檔

Drawings: 圖示 / Claims: 申請項 / Description: 說明書內容

Equivalents: 簡單專利家族(完全相同)

Family: 擴展專利家族(間接相同)

Priority Map: 專利家族族譜

Citations Map: 引用關係族譜

B (backward) Citations: 被這篇專利引用的清單

F (Forward) Citations: 這篇專利被引用的清單

NPL Citations: 非專利文獻的引用

Priority Pubs: 這篇專利曾經發行過的文件(如公開案)

Assignments: 轉讓紀錄(包括公告時轉讓)

Status: 法律狀態紀錄，含繳費紀錄

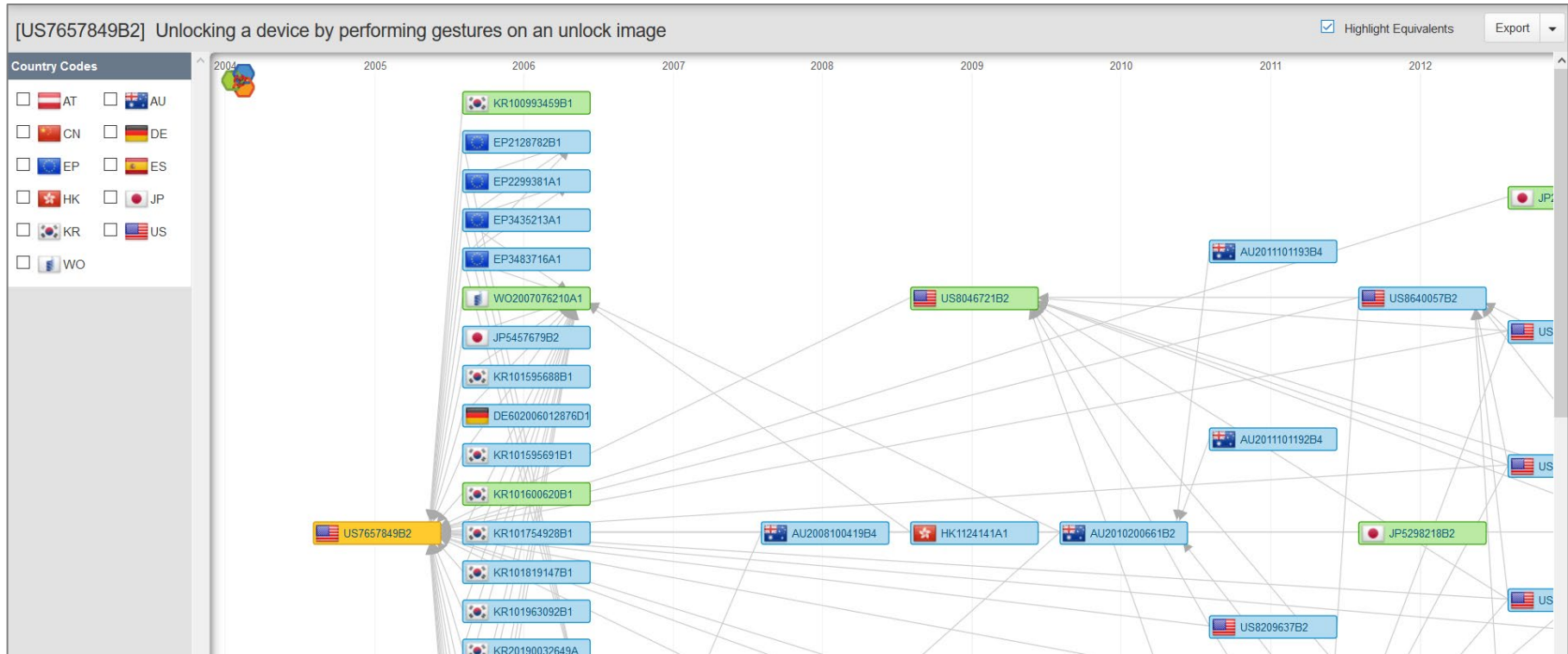
Analytics: 與本文件相關的視覺化分析圖表 (如分類號分析、引用分析)

Litigation: 訴訟紀錄



# 詳細瀏覽：Priority Map

## 這件專利延伸出去的專利家族時序圖













# 詳細瀏覽： Backward / Forward Citations

## 它申請時引用了哪些專利 / 之後又有哪些專利引用它









[US7657849B2] Unlocking a device by performing gestures on an unlock image

Search

Publication #	Published	Filed	Title
 EP1284450A2	2003-02-19	2002-08-06	Method for preventing unintended touch pad input due to accidental touching
 EP1284450A3	2006-03-01	2002-08-06	Method for preventing unintended touch pad input due to accidental touching
 GB2313460A	1997-11-26	1997-05-16	Graphical password entry
 GB2313460B	1998-07-08	1997-05-16	Graphical password entry
 GB9709891D0	1997-07-09	1997-05-16	Graphical password entry
 JPH02249062A	1990-10-04	1989-03-23	INDIVIDUAL IDENTIFYING SYSTEM
 JPH06214954A	1994-08-05	1993-01-14	PASSWORD INPUT DEVICE
 JPS60171560A	1985-09-05	1984-02-17	PASSWORD SYSTEM
 US20010011308A1	2001-08-02	1998-10-20	HANDHELD COMPUTER SYNCHRONIZED WITH A HOST COMPUTER
 US20010012022A1	2001-08-09	2001-03-27	Mutatably transparent displays

[US7657849B2] Unlocking a device by performing gestures on an unlock image

Search

Publication #	Published	Filed	Title
 EP2043341B1	2010-11-10	2008-09-25	Mobile terminal and method of controlling the mobile terminal
 EP2060970A1	2009-05-20	2007-11-12	User interface for touchscreen device
 EP2144148B1	2018-09-05	2009-07-06	Mobile terminal and operation control method thereof
 EP2230623A1	2010-09-22	2010-03-17	Mobile terminal and method of controlling the mobile terminal
 EP2244166A2	2010-10-27	2010-04-21	Input device using camera-based tracking of hand-gestures
 EP2244166A3	2013-09-04	2010-04-21	Input device using camera-based tracking of hand-gestures
 EP2244166B1	2018-10-31	2010-04-21	Input device using camera-based tracking of hand-gestures
 EP2256610A1	2010-12-01	2009-09-11	Method for unlocking screen-locked state of touch screen, electronic device and recording medium using the same

# 詳細瀏覽： Citations Map

這件專利引用了誰、被誰引用的關係圖



# 整理歸檔

# Tag標註重要專利

The screenshot displays the Synergitek patent analysis software interface. The main window shows a list of patent results with columns for Publication #, Published, Filed, Title, and Ultimate Parent. A red box highlights the 'Tag Document' dialog box, which is used for tagging documents. The dialog box contains the following options:

- ☒ Tag Only Selected
- ☐ Tag Publication Series
- ☐ Tag All Equivalents
- ☐ Tag All Family Members

Below the radio buttons, there is a 'Top # Results' field set to 100, with a note 'Maximum of 1,000 results'. There are also fields for 'Private Tags' and 'Shared Tags', each with a prompt 'Click enter to add a tag when typing'. At the bottom of the dialog are 'Save' and 'Cancel' buttons.

A red arrow points from the text '批次標註' (Batch Tagging) to the 'Tag Document' dialog box. A tooltip above the dialog box says 'Click to add tags for upto top 1,000 results'.

The background interface includes a sidebar with navigation options like Results, Taxonomy, Graphs, Refine, Explore, Browse, Topic Maps, Citations, Growth Analysis, and a top navigation bar with Patent and Assignment tabs. The main results area shows 468,688 documents found, with 1 to 100 documents displayed.

# 欄位輔助

欄位輔助功能：

- Concepts 擴展
- Assignees 公司樹
- Ultimate Parent 溯源
- 分類號查詢
- country code 查詢

Concepts擴展，可輸入部分拼字，由系統補全相關詞語。

Assignees 查詢會列出公司樹，Best Matches 代表直接相關的公司（例如購併），而Other Matches可能僅是名字類似。部分Assignees欄位用途為找到精準目標，因此不具此功能：original, current, FC。

Ultimate Patent 溯源功能，同樣列出公司樹，但是是向上溯源找到最源頭的母公司。



# Explore探索

將出現頻率最高的元件、分類號、技術化為文字雲

Keywords      Concepts  
Technologies      Sub-Technologies  
Inventors      Assignees  
IPC/CPC Codes

## Explore

Select one or more fields from tag cloud to filter your result set

Number of documents used to generate the tag clouds 200 Share

### Top CPC Codes

B32B 27/08 G04G 17/045 G04G 21/04 G06F 1/3296 G06F 2203/04808 **G06F 3/016** G06F 3/0202 G06F 3/041 G06F 3/0418  
 G06F 3/0481 **G06F 3/04817** G06F 3/0482 G06F 3/04842 G06F 3/0485 G06F 3/0486 G06F 3/0488  
**G06F 3/04883** G06F 3/04886 G06Q 10/107 G06Q 10/109 G06T 3/0006 **G06T 5/002** G06T 5/20 G06T 7/20 G09G  
 2354/00 G09G 3/3233 H01F 38/14 H02J 50/12 H02J 7/025 H04L 1/0045 H04L 5/0007 H04L 51/046 H04L 51/22 H04L 63/08  
 H04L 67/10 H04M 1/72569 H04N 1/6019 **H04N 19/176** H04N 19/513 H04W 12/02 **H04W 12/06** H04W 12/08  
 H04W 4/80 H04W 64/003 H04W 68/02 **H04W 72/0446** H04W 72/0453 H04W 84/12 H04W 88/02 H04W 88/08

### Top Inventors

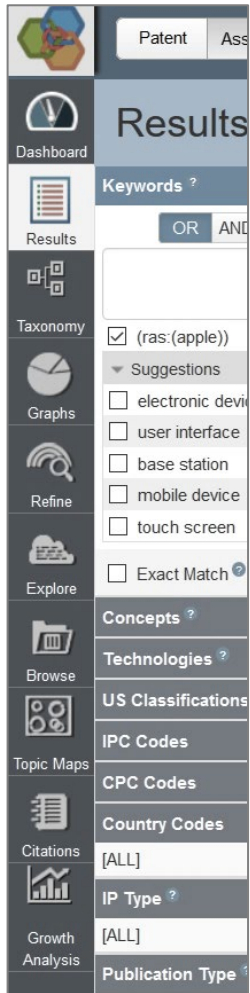
ALMALFOUH SAMI M ALONSO RUIZ MARCOS Alan C. DYE BRADLEY BOB BUTCHER GARY IAN CARRIGAN TAYLOR G  
 CHEN YUQIN COFFMAN PATRICK L Chin-Wei Lin Christiaan A. Hartman Christopher WILSON DE VRIES  
 NATHAN DYE ALAN C David R. Pope Dawei Zhang FOSS CHRISTOPHER PATRICK Guoqing Li **HU HAIJING** Hung  
 Sheng Lin Hyunsoo Kim Hyunwoo Nho Injae Hwang JON TIFFANY S Jessie Berlin Jie Won Ryu Jonathan P. Ive Junhua Tan  
 Kingsuk Brahma **LEMAY STEPHEN O** LISTER PATRICK M LYNCH STEPHEN BRIAN Lawrence Y. Yang Maxim  
 Smirnov Mohammad B Vahid Far **Muge Wang** Oren Shani Richard Mondello Rui Zhang SHELBY RYAN D. SUNDSTROM

New Search Refine Search Remove from Search



# 專利分析

# 專利分析功能列表



Dashboard

主控台，提供9種分析widgets，一頁瞭然大量資訊。



Results



Taxonomy

分類樹，為特定對象的技術領域、引用關係…建立階層。



Graphs

圖表，繪製17種標準圖表、14種自訂圖表。



Refine



Explore

探索，將出現頻率最高的元件、分類號、技術化為文字雲。



Browse



Topic Maps

泡泡圖，繪製7種分析對象的動態泡泡圖，可即時調整。



Citations

引用，列出前後引用關係，支援以國家別快速篩選。

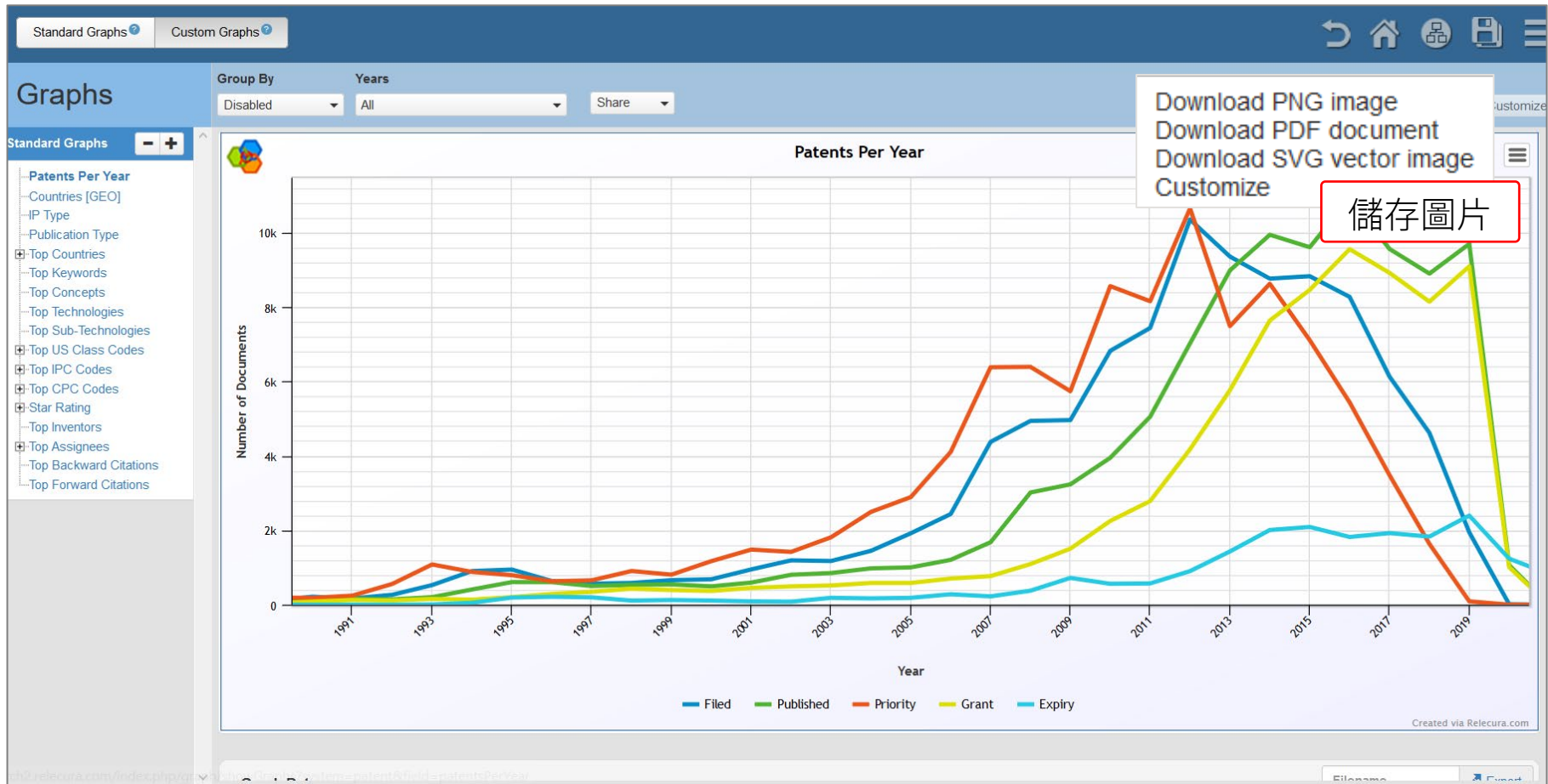


Growth Analysis

趨勢，提供7種分析對象的趨勢圖，輕易比較出成長/衰退。

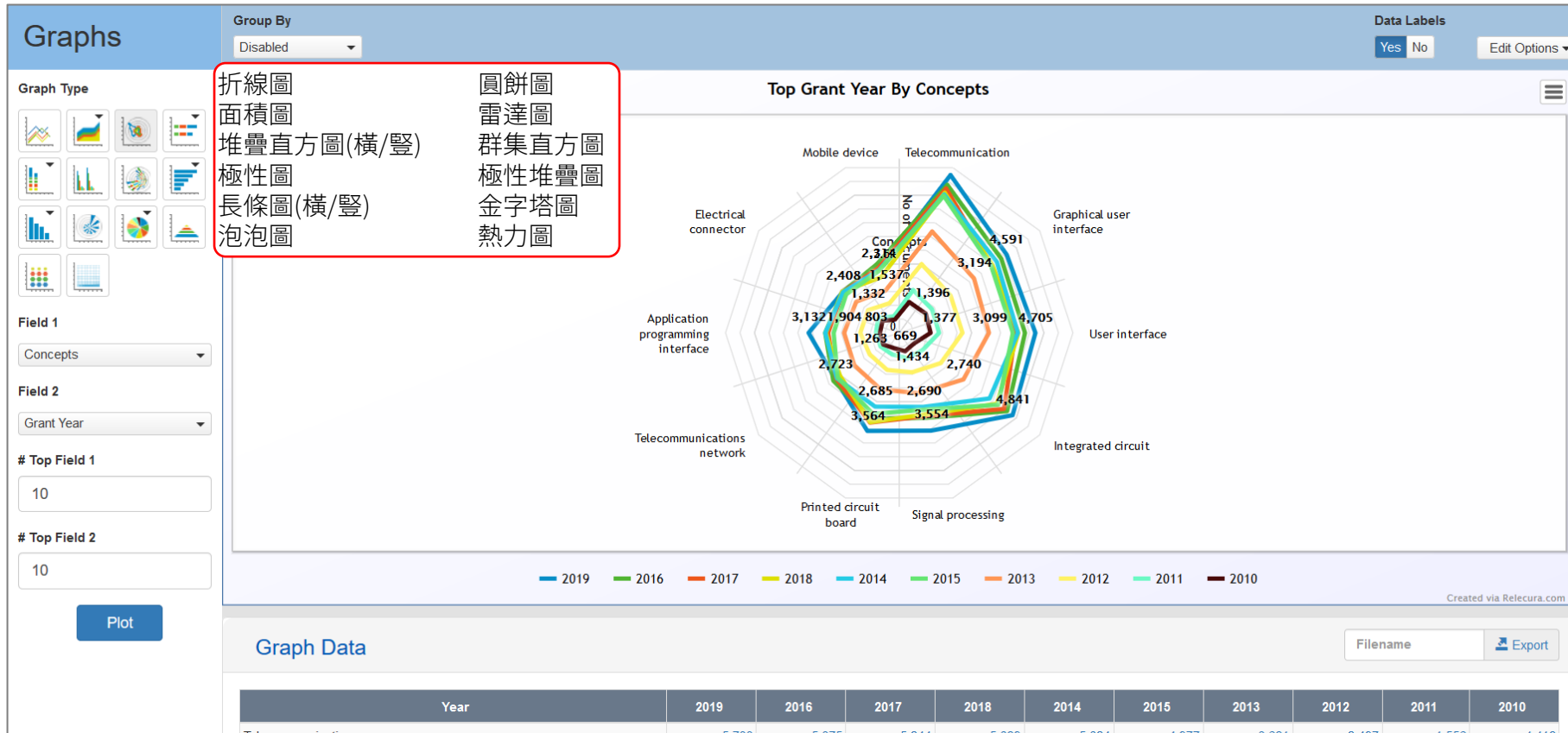
# Graphs圖表：標準圖表

繪製17種標準圖表、14種自訂圖表



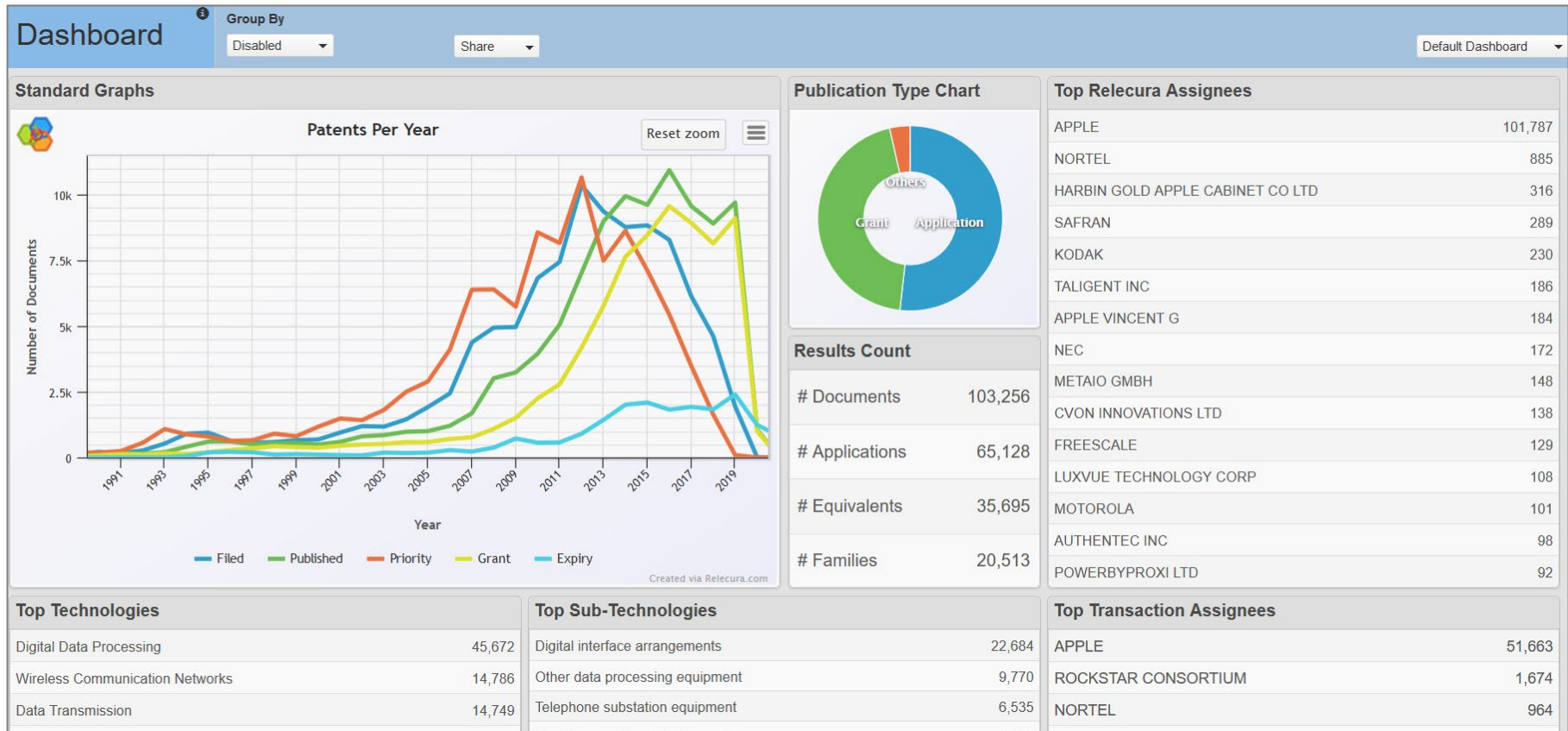
# Graphs圖表：自訂圖表

## 提供繪製17種預設圖表、14種自訂圖表



# Dashboard主控台

提供9種分析widgets，一頁瞭然大量資訊





# Topic Maps 泡泡圖

繪製7種分析對象的動態泡泡圖，可即時調整

分析項目



# Citations 引用

列出前後引用關係，支援以國家別快速篩選

B Citations F Citations **引用方向**

Citations Sort By Count Group By Disabled Showing 101 to 200

**預設所有國家可自訂**

B Citations	Publication #	Published	Filed	Title	Current Assignees	Ultimate Parent
ALL	USD494098S1	2004-08-10	2003-01-27	Buckle for wristwatch	TIME MAX S.A.	TIME MAX S A
AM - Armenia	EP2636328A1	2013-09-11	2012-03-07	Device for attaching a watchstrap to a watch middle	GRISOGONO S A DE	GRISOGONO S A DE
AP - African Regional Intellectual Property Organization (ARIPO)	US6121960A	2000-09-19	1997-08-28	Touch screen systems and methods	HANGER SOLUTIONS, LLC	HANGER SOLUTIONS LLC
AR - Argentina	US5943043A	1999-08-24	1996-12-05	Touch panel "double-touch" input method and detection apparatus	IBM	IBM
AT - Austria	EP1517228A2	2005-03-23	2004-09-15	Gesture recognition method and touch system incorporating the same	PIXART IMAGING INC.	PixArt Imaging
AU - Australia	EP1517228A3	2008-04-02	2004-09-15	Gesture recognition method and touch system incorporating the same	PIXART IMAGING INC.	PixArt Imaging
AW - Aruba	US20120035924A1	2012-02-09	2011-07-20	DISAMBIGUATING INPUT BASED ON CONTEXT	GOOGLE LLC	Alphabet
BA - Bosnia & Herzegovina	US6073036A	2000-06-06	1997-04-28	Mobile station with touch input having automatic symbol magnification function	INTRAOPT MEDICAL, INC.	INTRAOPT MEDICAL INC
BD - Bangladesh	US9053706B2	2015-06-09	2011-07-20	Disambiguating input based on context	GOOGLE LLC	Alphabet
BE - Belgium	US6662023B1	2003-12-09	2000-07-06	Method and apparatus for controlling and securing mobile phones that are lost, stolen or misused	NOKIA TECHNOLOGIES OY	Nokia
BG - Bulgaria	WO2013182397A1	2013-12-12	2013-05-16	REMOVABLE AND PIVOTABLE ATTACHMENT DEVICE FOR A WATCHSTRAP	GLASHUETTER UHREN BETRIEB GMBH	GLASHUETTER UHREN BETRIEB GMBH
BO - Bolivia	US5745116A	1998-04-28	1996-09-09	Intuitive gesture-based graphical user interface	GOOGLE TECHNOLOGY HOLDINGS LLC	Alphabet
BR - Brazil	US5946647A	1999-08-31	1996-02-01	System and method for performing an action on a structure in computer-generated data	APPLE INC	Apple
BY - Belarus	US20120035908A1	2012-02-09	2011-09-29	Translating Languages	GOOGLE LLC	Alphabet
CA - Canada						
CH - Switzerland						
CL - Chile						
CN - China						
CO - Colombia						
CR - Costa Rica						

Save All View as Result



# Growth Analysis趨勢

提供7種分析對象的趨勢圖，輕易比較出成長/衰退

分析項目

時間範圍

Growth Analysis

Interval

1 Year

Group By

Disabled

Growth 成長項目

<input type="checkbox"/>	Topic	#Docs	Score	Trendline
<input type="checkbox"/>	XML	3923	0.144	
<input type="checkbox"/>	Low-pass filter	1315	0.126	
<input type="checkbox"/>	CMOS	7138	0.107	
<input type="checkbox"/>	Enhanced Data Rates for GSM Evolution	5497	0.105	
<input type="checkbox"/>	Internet Protocol	6071	0.103	
<input type="checkbox"/>	OLED	1391	0.103	
<input type="checkbox"/>	Digital rights management	4178	0.102	

Decline 衰退項目

<input type="checkbox"/>	Topic	#Docs	Score	Trendline
<input type="checkbox"/>	Mobile phone	1707	-0.054	
<input type="checkbox"/>	Scrambler	1441	-0.04	
<input type="checkbox"/>	Display device	4449	-0.038	
<input type="checkbox"/>	Bus (computing)	1338	-0.035	
<input type="checkbox"/>	Electrical resistivity and conductivity	1437	-0.031	
<input type="checkbox"/>	Electromagnetic interference	2423	-0.029	
<input type="checkbox"/>	Computer network	6422	-0.028	

New Search

Refine Search

Remove from Search

# 匯出資料

# 檢索結果介面

Patent Assignment

Results

Sort By Published Date Group By Disabled

Expand Add Tags Share

468,688 documents found  
Showing 1 to 100 documents

Publication #	Published	Filed	Title	Current Assignees	Ultimate Parent
DE102009033962B4	2020-02-20	2009-07-20	[EN] Drive train and electrical n	WARNER INC	BorgWarner
DE102018006408A1	2020-02-20	2018-08-14	[EN] Electric vehicle drive with integrated electric battery - charging while driving by using the wind	RYLL PETER	RYLL PETER
DE102018213852A1	2020-02-20			ZAHNRADFABRIK FRIEDRICHSHAFEN	ZF Friedrichshafen
DE102019121837A1	2020-02-20			FORD GLOBAL TECH LLC	Ford
DE102018213826A1	2020-02-20	2018-08-16	first modulation signal on a first inverter device in a first traction drive with a second modulation signal on a second inverter device in a second traction drive in an electric drive system	BOSCH GMBH ROBERT	Bosch
US20200054506A1	2020-02-20	2019-07-18	[EN] WHEELCHAIR LIFT WITH LOW ENERGY CONSUMPTION		TSRL
US20200055355A1	2020-02-20	2018-02-13	[EN] TRACTION DEVICE AND TRACTION METHOD		
US20200055360A1	2020-02-20	2019-08-20	[EN] ADJUSTABLE SUSPENSION MOUNT ASSEMBLY		
US20200055371A1	2020-02-20	2018-08-14	[EN] CLOSED LOOP AUXILIARY HEATING CIRCUIT AND AN ELECTRIC MOTOR VEHICLE INCORPORATING THAT CIRCUIT		
US20200055372A1	2020-02-20	2016-07-27	[EN] AIR-CONDITIONING APPARATUS		Mitsubishi
US20200055383A1	2020-02-20	2017-11-21	[EN] LOCKING DEVICE, FIXED BY ELECTRIC VEHICLE		

With Relecura User Public Portfolio

Export Result set  
Export Statistics

匯出專利資料

Save All Export

1 of 1000

# 分享專利清單

檢索結果在10,000筆以下時，可以分享給非Relecura使用者

**Results** Sort By Published Date Group By Disabled Expand  Add Tags Share

Keywords ?	Publication #	Published	Filed	Title
ras:("APPLE")	<input type="checkbox"/> TWI677782B	2019-11-21	2018-06-11	[EN] Electronic devices with input-output d
Concepts ?	<input type="checkbox"/> TW201944574A	2019-11-16	2019-04-03	[EN] Systems and methods for implement
Technologies ?				scalable system

With Relecura User  
Public Portfolio

**Create Public Portfolio**

Name:

Description:

Passcode:

Expiry Date:

Dashboard: Default Dashboard

Highlighting: On

Results Per Page:

Features:

Landing Page:

☐ List this in Relecura public

**Collapsed View Fields**

**Available Fields**

- Document Numbers
  - Original Application Number
  - Application Number
  - Priority Applications
- Text
- Dates
  - Grant Date
  - Priority Date
  - Expiry Date
- Class Codes
  - US Classes
  - Original US Classes

**Selected Fields**

- Publication Number
- Published Date
- Filing Date
- Title
- Current Assignees
- Ultimate Parent

☐ Home

☒ Dashboard

☒ Results

☒ Graphs

☒ Explore

☒ Browse

☒ Cluster

☒ Topic Maps

Create Cancel

可設定密碼、連結到期日、分享欄位  
並選擇是否開放分析圖表功能

Public portfolio successfully created. Please use the following link to share.

<https://p.relecura.com/ShareTestApple>

確定 取消

**Enter Passcode**

Name:

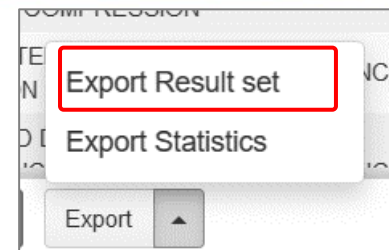
Description:

Passcode:

**Results** Sort By  Group By  Expand  Add Tags Share

Publication #	Published	Filed	Title	Current Assignee	Ultimate Parent
TWI677782B	2019-11-21	2018-06-11	[EN] Electronic devices with input-output d	APPLE INC.	APPLE INC.
TW201944574A	2019-11-16	2019-04-03	[EN] Systems and methods for implement	APPLE INC.	APPLE INC.
TWI677782B	2019-11-21	2018-06-11	[EN] Electronic devices with input-output d	APPLE INC.	APPLE INC.
TW201944574A	2019-11-16	2019-04-03	[EN] Systems and methods for implement	APPLE INC.	APPLE INC.
TWI677782B	2019-11-21	2018-06-11	[EN] Electronic devices with input-output d	APPLE INC.	APPLE INC.
TW201944574A	2019-11-16	2019-04-03	[EN] Systems and methods for implement	APPLE INC.	APPLE INC.
TWI677782B	2019-11-21	2018-06-11	[EN] Electronic devices with input-output d	APPLE INC.	APPLE INC.
TW201944574A	2019-11-16	2019-04-03	[EN] Systems and methods for implement	APPLE INC.	APPLE INC.
TWI677782B	2019-11-21	2018-06-11	[EN] Electronic devices with input-output d	APPLE INC.	APPLE INC.
TW201944574A	2019-11-16	2019-04-03	[EN] Systems and methods for implement	APPLE INC.	APPLE INC.

# 匯出選項：專利文件內容



**Export**

Load Template: ---None--- Manage Templates

Number of Results:  無pdf與圖示時  
每次最多60,000筆

Export as: CSV RTF XLSX 下載格式

Filename:  自訂檔名(選填)

Compress with ZIP: Yes No 是否壓縮成zip檔  
含pdf時預設開啟

Include PDF: Yes No 是否要包含pdf  
(每次最多100件)

Include Image: Yes No 是否要包含圖示  
(每次最多1,000件)

**Export Document**

**Result Fields** 9個分類、76欄位可供下載

- Document Numbers**
  - Country Code
  - Document Number
  - Kind Code
  - Application Number
  - Original Application Number
  - Backward Citations
  - Forward Citations
  - Family Members
  - Equivalents
  - Priority Documents (Publication Numbers)
  - Priority Documents (Application Numbers)
  - Publication Series
- Text**
  - Abstract
  - Concepts
  - Keywords
  - Technologies
  - Sub-Technologies
- Claims / Description**
  - Full Claims
  - Claim Tree
  - First Claim

加入已選欄位

從已選欄位刪除

**Fields Order**

- Publication Number
- Title
- Filing Date
- Inventors
- Current Assignees

調整已選取欄位順序

將目前設定儲存成範本  
未來可直接套用

Export Save as Template

# 匯出選項：專利文件內容

## Relecura

### Export

Load Template  
---None---

Manage Templates

Number of Results: 60000

Export as: CSV RTF **XLSX**

Filename: Optional

Compress with Z

Include PT

Export Document

Result Fields

Document Numbers

- Country Code
- Document Number
- Kind Code
- Application Number
- Original Application Number
- Backward Citations
- Forward Citations
- Family Members
- Equivalents
- Priority Documents (Publication Numbers)
- Priority Documents (Application Numbers)
- Publication Series

Text

- Abstract
- Concepts
- Keywords
- Technologies
- Sub-Technologies

Claims / Description

- Full Claims
- Claim Tree
- First Claim

若資料量多，點選匯出後可以離開此頁  
資料準備完成會列在匯出紀錄中

### Export Jobs

Type	Submitted At	# Records	Status	Download	File Size	Filename
Patent	2020-03-04 11:21:49	100	Executing - 85%	---	---	
Patent	2020-03-04 05:47:19	100	Completed		381.58 KB	ExportTestApple

Fields Order

- Publication Number
- Title
- Filing Date
- Inventors
- Current Assignees

Export

Save as Template



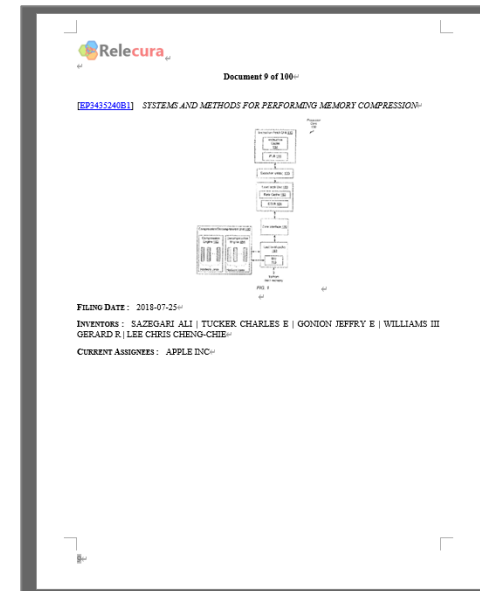
# 匯出選項：專利文件內容

xlsx格式可儲存圖片，因此僅有單檔

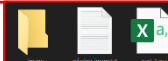


	A	B	C	D	E	F
1	Publication Number	Title	Filing Date	Inventors	Current Assignees	Image
2	DE102015222734B4	Application-specific solutions for coexistence of multiple wireless radio access technologies and timeshare between multiple radio access technologies to coexist in the device	2015-11-18	SINGH AJAY K FLYNN PAUL V ZHAO WEN ALMALFOUH SAMI M FULANI SANIL H BURCHILL WILLIAM S	APPLE INC	
3	DE112018002775T5	METHOD AND DEVICE FOR DETECTING PLANES AND / OR QUADTREES FOR USE AS A VIRTUAL SUBSTRATE	2018-03-21	YERKES GIANCARLO ALDOMA BUCHACA AITOR WONG NA DUNKLEY OLIVER	APPLE INC	
	US20200057579A1	MEMORY ARBITRATION TECHNIQUES BASED ON LATENCY TOLERANCE	2018-08-17	Gregory S. Mathews Kai Lun Hsiung Lakshmi Narasimha Murthy Nukala Peter Fu Rekesh L Notani Sukaipa Biswas Thejasvi Magudili Vijayaraj Yanzhe	[NA]	

rtf格式類似於doc，可以儲存圖片，因此僅有單檔



csv格式無法儲存圖片，因此圖示會另存資料夾，並列出無圖專利清單



	A	B	C	D	E
1	Publication Number	Title	Filing Date	Inventors	Current Assignees
2	DE102015222734B4	Application-specific solutions for coexistence of multiple wireless radio access technologies and timeshare between multiple radio access technologies to coexist in the device	2015/11/18	SINGH AJAY K FLYNN PAUL V ZHAO WEN ALMALFOUH SAMI M FULANI SANIL H BURCHILL WILLIAM S	APPLE INC
3	DE112018002775T5	METHOD AND DEVICE FOR DETECTING PLANES AND / OR QUADTREES FOR USE AS A VIRTUAL SUBSTRATE	2018/3/21	YERKES GIANCARLO ALDOMA BUCHACA AITOR WONG NA DUNKLEY OLIVER	APPLE INC
4	US20200057579A1	MEMORY ARBITRATION TECHNIQUES BASED ON LATENCY TOLERANCE	2018/8/17	Gregory S. Mathews Kai Lun Hsiung Lakshmi Narasimha Murthy Nukala Peter Fu Rekesh L Notani Sukaipa Biswas Thejasvi Magudili Vijayaraj Yanzhe	[NA]
5	US20200058152A1	VIDEO PIPELINE	2019/10/24	Arthur Y. Zhang Ray L. Ch	Apple Inc.
6	US20200058172A1	SYSTEMS, METHODS, AND DEVICES FOR DETECTING PLANES AND / OR QUADTREES FOR USE AS A VIRTUAL SUBSTRATE	2019/10/15	Thomas Goossens	Apple Inc.
7	US20200059781A1	ACTIVATION OF CRYPTOGRAPHIC OPERATIONS	2019/8/30	Joshua V. Graessley	Apple Inc.
8	EP3101910B1	AUDIO DATA ROUTING	2016/6/2	WATSON ROBERT D G	APPLE INC.
9	EP3503425B1	COMMUNICATING A FILE	2009/2/27	SIVANESAN KATHIRAI	APPLE INC
10	EP3435240B1	SYSTEMS AND METHODS FOR DETECTING PLANES AND / OR QUADTREES FOR USE AS A VIRTUAL SUBSTRATE	2018/7/25	SAZEGARI ALI TUCKER CHARLES E   GONON JEFFREY E   WILLIAMS III GERARD R   LEE CHRIS CHENG-CHIE	APPLE INC
11	EP3343976B1	METHODS AND SYSTEMS FOR DETECTING PLANES AND / OR QUADTREES FOR USE AS A VIRTUAL SUBSTRATE	2008/11/5	NOVAK ROBERT FONG	APPLE INC.
12	EP3273338B1	LIST SCROLLING AND	2008/1/4	ORDING BAS	APPLE INC.
13	EP3008552B1	ROTARY INPUT MECHANISM	2014/6/3	ROTHKOPF FLETCHER	APPLE INC.
14	EP3286946B1	NETWORK SLICE SELECTION	2016/7/4	HU HAIJING WANG HA	APPLE INC.
15	EP3326050B1	STYLUS FOR ELECTRONIC SUBSCRIPTION	2016/9/6	ZIMMERMAN AIDAN N	APPLE INC.
16	EP3611640A1	ELECTRONIC SUBSCRIPTION	2015/5/20	YANG XIANGYING LI	APPLE INC
17	EP3005715B1	CONTROLLING A MEDIA	2014/5/29	BELK ANDY PRATS AU	APPLE INC.



# Thanks for your attention/time.

---

如需進一步資訊，歡迎洽詢：

新聚能科技 Synergitek Consultancy

02-77218358

[service@synergitek.com.tw](mailto:service@synergitek.com.tw)