

Relecura 資料庫 - 專利分析利器

新聚能科技 @ NTUST

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

Messages

Relecura

Patent Documents Assignment Transactions

Quick Search ^{new} Expert Search Semantic Search Publication #

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

Query Syntax Detailed Syntax >>

Search Advanced / Fielded Search >>

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主要介面

The screenshot shows the Relecura web application interface. At the top, there is a navigation bar with several icons and labels: '回到首頁' (Home), '更新訊息' (Update Messages), and a group of 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 history), '匯出' (Export), '已儲存的檢索' (Saved searches), and '設定選單' (Settings menu). The main content area features a search interface with tabs for 'Quick Search', 'Expert Search', 'Semantic Search', and 'Publication #'. A search box contains the example query: 'Example - tac:(cell* OR mobile) AND ft:(low ADJ4 power)'. Below the search box are buttons for 'Search' and 'Advanced / Fielded Search'. On the right side, there is a 'Settings' dropdown menu with various options. At the bottom right, there is a 'Live Chat' button.

回到首頁

更新訊息

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

說明影片

線上支援服務

登出鍵

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 a search interface with the following elements:

- Navigation Tabs:** Quick Search ^{new}, Expert Search, Semantic Search, Publication #
- Terms:** Input field with "Example - 'electric vehicle', 'battery charging'". A red box highlights the text "關鍵字 (AND關係)".
- Company:** Input field with "Example - IBM, Google". A red box highlights the text "專利權人".
- Timeline:** Radio buttons for "All Years", "Last 5 Years", "Last 10 Years", "Last 20 Years", and "Custom". The "Custom" option is selected, with a tooltip showing "1970 : 2020". A red box highlights the text "公開/公告日".
- Choose:** A horizontal slider bar.
- Search Button:** A blue button labeled "Search ?".
- Advanced Search Link:** A button labeled "Advanced / Fielded Search >>". A red box highlights the text "轉至進階檢索介面".

Advanced/Fielded Search – 進階檢索(表格檢索)

The screenshot shows the Synergytek Advanced/Fielded Search interface. The interface includes a sidebar on the left for selecting search fields, a main search area with multiple rows for fielded searches, and a bottom control bar with buttons for search actions.

Annotations:

- 點選檢索欄位** (Click to select search field): Points to the sidebar menu.
- 欄位布林邏輯** (Field Boolean Logic): Points to the AND dropdown menus between search rows.
- 部分欄位支援中文(ZH)** (Some fields support Chinese (ZH)): Points to the language dropdown menu.
- 只搜尋完全符合的字詞** (Only search for words that match exactly): 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 a favorite field): Points to the Save as Template button.
- 清空欄位內容不會變更欄位順序** (Clearing field content will not change field order): Points to the Clear Data button.
- 新檢索** (New Search): Points to the New Search button.

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 | Class Codes | Applicant Country Codes |
| Concepts ? | Relecura Assignees ? | Approx. Expiry Year | US Classifications | Designated States ? |
| Technologies ? | Ultimate Parent ? | Grant Date | IPC Codes | Attorneys |
| Sub-Technologies ? | Inventors | Grant Year | CPC Codes | Attorney Address |
| | | | All Class Codes | 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 | Face o book, Fact o book |
| * | 萬用符: 任何長度字元 | co* | come bu y, col ds tone, cost co |
| () | = 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 ₁ electric motor ₁ vehicle ₂ electric or ₁ hybrid ₂ vehicle ₃ |
| (NEARn) “ ” ~n | n字元內任意順序詞組 | (electric NEAR3 vehicle) “electric vehicle”~3 | electric vehicle ₁ ; vehicle electric ₁ electric or ₁ hybrid ₂ vehicle ₃ vehicle with ₁ an ₂ electric ₃ 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

篩選

排序規則

文件合併規則

Browse進階雙維篩選

點選進入詳細瀏覽

縮放專利詳細資訊

瀏覽頁面

| Title | Filed | Published | Priority |
|--|------------|------------|----------|
| Drive train w and electrical m | 2020-02-20 | 2018-08-14 | |
| Electric veh battery - chargin energy generat | 2020-02-20 | 2018-08-17 | |
| Method and electric drive an drive device for a vehicle | 2020-02-20 | 2019-08-13 | |
| CLOSED AN AND AN ELECT INTEGRATES T | 2020-02-20 | 2018-08-16 | |
| Electric drive operated vehicle first modulation a first traction d signal on a seco traction drive in | 2020-02-20 | 2019-07-18 | |
| WHEELCHA CONSUMPTION | 2020-02-20 | 2018-02-13 | |
| TRACTION METHOD | 2020-02-20 | 2019-08-20 | |
| ADJUSTABL ASSEMBLY | 2020-02-20 | 2018-08-14 | |
| CLOSED LO CIRCUIT AND A VEHICLE INCO | 2020-02-20 | 2016-07-27 | |
| AIR-CONDIT | 2020-02-20 | 2017-11-21 | |
| LOCKING D ELECTRIC VE | | | |

專利清單

Patent Assignment

Results

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| Publication # | Published | Filed | Title | Current Assignees | Ultimate Parent |
|------------------|------------|------------|--|---------------------------------|-----------------|
| DE102009033962B4 | 2020-02-20 | 2009-07-20 | Drive train with engine, gearbox, planetary electrical machine | BORGWARNER INC | BorgWarner |
| DE102018006408A1 | 2020-02-20 | 2018-08-16 | Electric vehicle drive with charging while driving | --- | BYLL PE |
| DE102018213852A1 | 2020-02-20 | 2018-08-16 | Electric vehicle drive with charging while driving | --- | ried |
| DE102019121837A1 | 2020-02-20 | 2018-08-16 | Electric vehicle drive with charging while driving | --- | ch |
| DE102018213826A1 | 2020-02-20 | 2018-08-16 | first modulation signal of a first traction drive with signal on a second inverter traction drive in an electric vehicle | --- | OLIFT S R L |
| US20200054506A1 | 2020-02-20 | 2019-07-18 | WHEELCHAIR LIFT CONSUMPTION | Nuctech Company Limited | Nuctech |
| US20200055355A1 | 2020-02-20 | 2018-02-13 | TRACTION DEVICE AND TRACTION METHOD | --- | --- |
| 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

Concepts: Technologies, US Classifications, IPC Codes, CPC Codes, Country Codes, IP Type, Publication Type

By Family
By Equivalents
By Application #

Tag Document

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

Top # Results: 100 (Maximum of 1,000 results)

Private Tags: Click enter to add a tag when typing

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|--|------------|------------|---|---------------------------------|--------------------|
| <input type="checkbox"/> DE102009033962B4 | 2020-02-20 | 2009-07-20 | Drive train with engine, gearbox, planetary and electrical machine | BORGWARNER INC | BorgWarner |
| <input checked="" type="checkbox"/> 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 |
| <input checked="" type="checkbox"/> 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 |
| <input checked="" type="checkbox"/> SE102019121837A1 | 2020-02-20 | 2019-08-13 | CLOSED AUXILIARY HEATING CIRCUIT AND AN ELECTRIC MOTOR VEHICLE THAT INTEGRATES THIS CIRCUIT | FORD GLOBAL TECH LLC | Ford |
| <input checked="" type="checkbox"/> 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 |
| <input type="checkbox"/> US20200054506A1 | 2020-02-20 | 2019-07-18 | WHEELCHAIR LIFT WITH LOW ENERGY CONSUMPTION | Autolift S.r.l. | AUTOLIFT S R L |
| <input type="checkbox"/> US20200055355A1 | 2020-02-20 | 2018-02-13 | TRACTION DEVICE AND TRACTION METHOD | Nuctech Company Limited | Nuctech |
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| <input type="checkbox"/> US20200055383A1 | 2020-02-20 | 2017-11-21 | LOCKING DEVICE, FIXED BASE AND ELECTRIC VEHICLE | --- | --- |

Keywords: tac:electric AND tac:ve...
pd_year:[2015 TO *]

Concepts: Technologies, US Classifications, IPC Codes, CPC Codes, Country Codes, IP Type, Publication Type

Save All | Export | 4 | [icon] | [icon]

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

勾選後出現

儲存所有結果

匯出資料或統計數據

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分析與進階應用

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|------------------|------------|------------|---|---------------------------------|--------------------|
| 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 |
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| 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 | --- | --- |
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| 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 | --- | --- |

Annotations:

- 閱覽pdf (View PDF)
- 開啟雙頁模式 (Open Double Page Mode)
- 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)

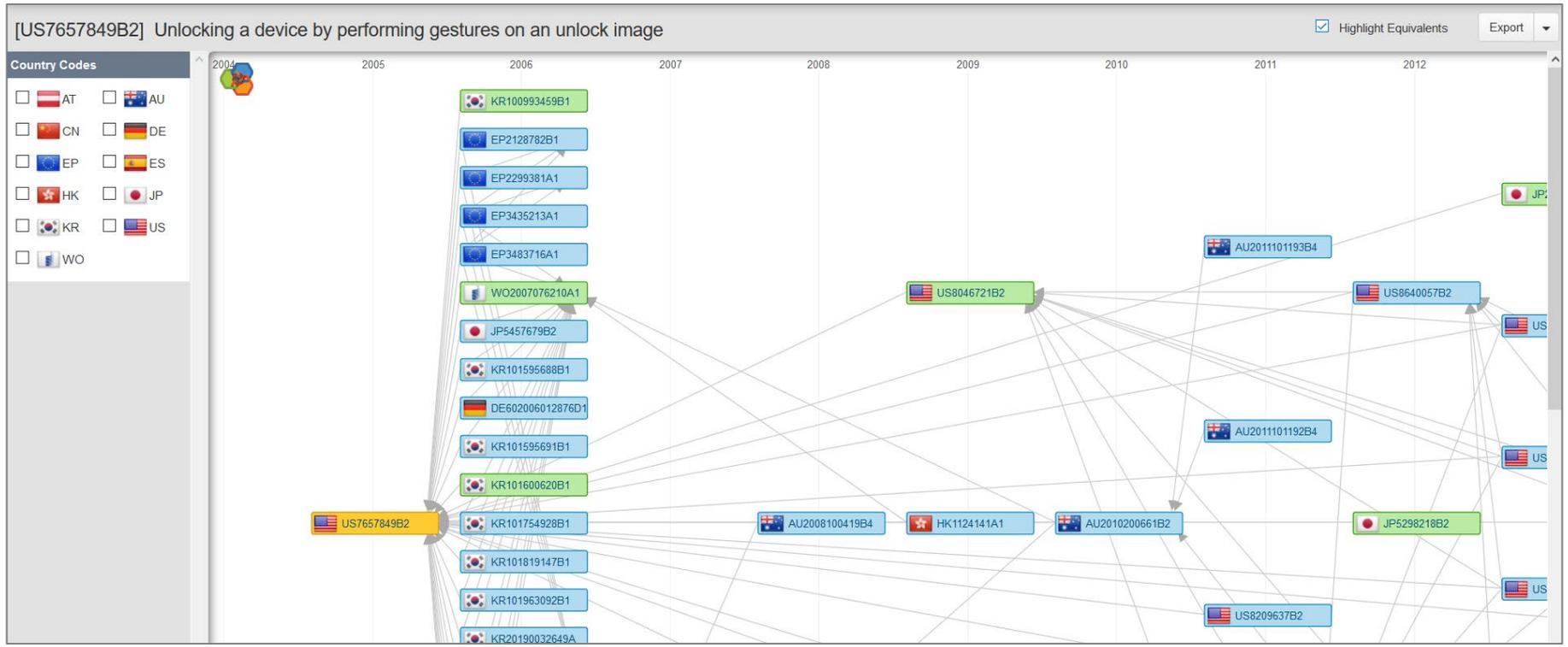
Status: 法律狀態紀錄，含繳費紀錄

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

Patent Assignment

Results

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| Publication # | Published | Filed | Title | Ultimate Parent |
|------------------|------------|------------|--|-----------------|
| DE102009033962B4 | 2020-02-20 | 2009-07-20 | Drive train with engine, gearbox, pl... and electrical machine | BorgWarner |
| DE102018006408A | | | Electric vehicle drive with integrate... | |
| DE102018213852A | | | | |
| DE102019121837A | | | | |
| DE102018213826A | | | | |
| US20200054506A | | | | |
| US20200055355A | | | | |
| US20200055360A | | | | |
| US20200055371A | | | | |
| US20200055372A | | | | |
| US20200055383A | | | | |

Keywords: tac:electric AND tac:ve...
pd_year:[2015 TO *]

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

Search

Tag Document

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

Top # Results: 100
Maximum of 1,000 results

Private Tags:
Click enter to add a tag when typing

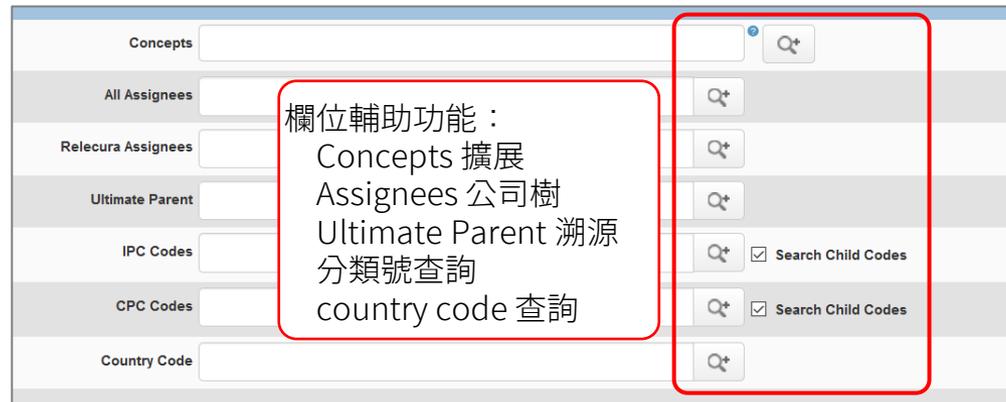
Shared Tags:
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Save Cancel

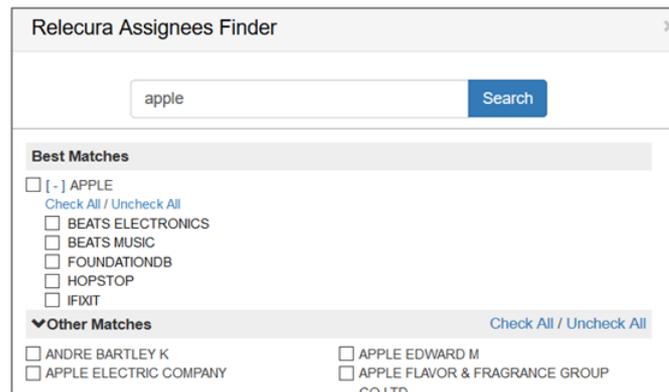
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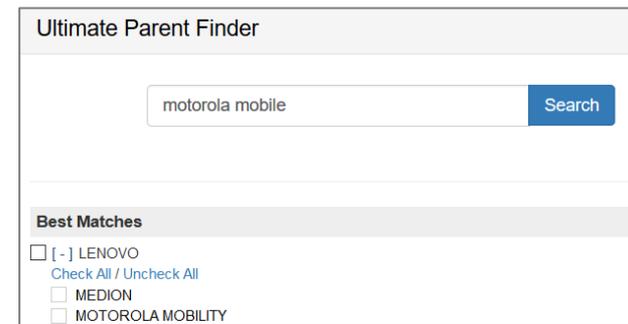
欄位輔助



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
Number of documents used to generate the tag clouds

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

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

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。

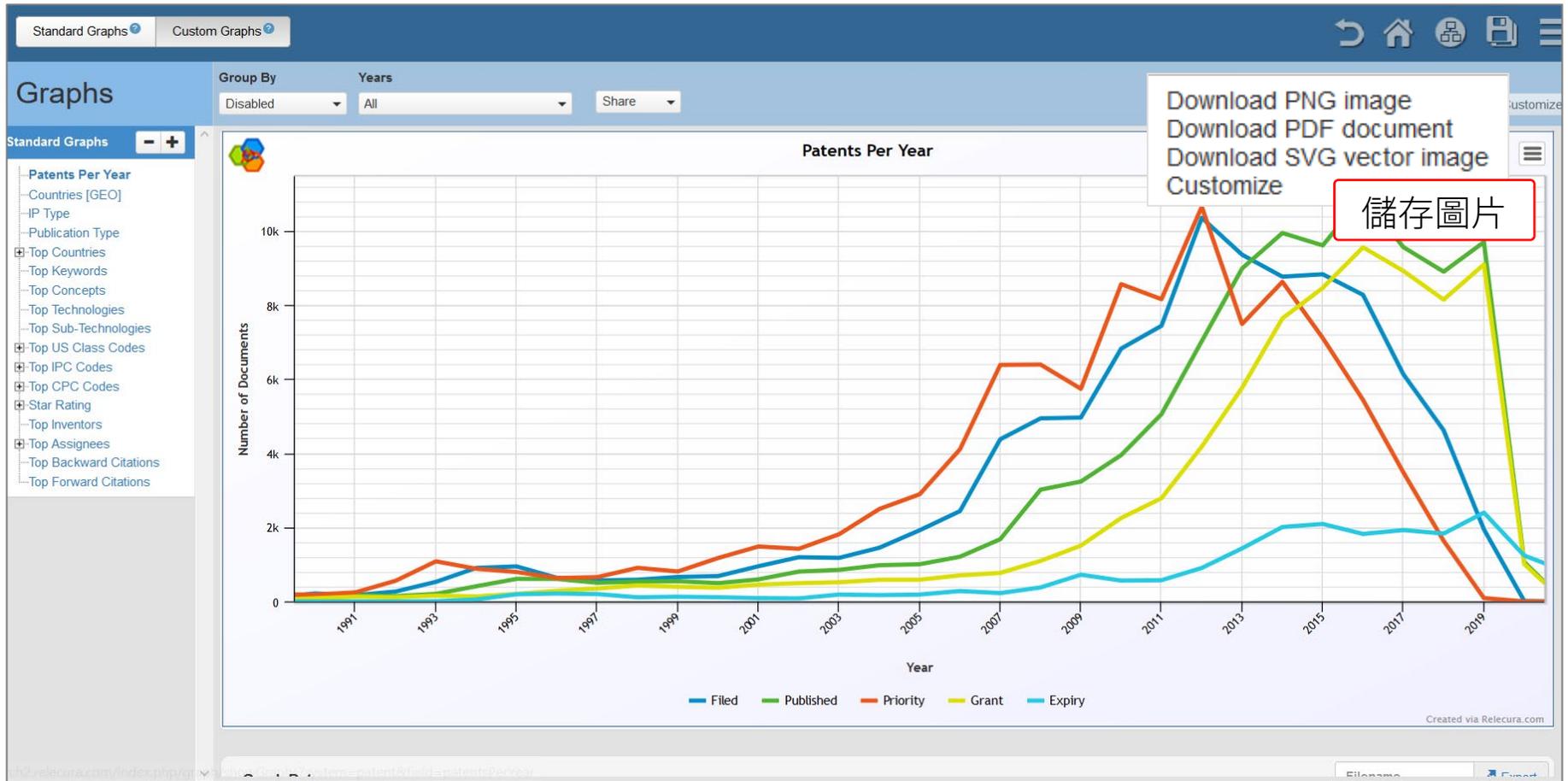


Growth Analysis

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

Graphs

Group By: Disabled

Data Labels: Yes No Edit Options

Graph Type

折線圖

面積圖

堆疊直方圖(橫/豎)

極性圖

長條圖(橫/豎)

泡泡圖

圓餅圖

雷達圖

群集直方圖

極性堆疊圖

金字塔圖

熱力圖

Field 1: Concepts

Field 2: Grant Year

Top Field 1: 10

Top Field 2: 10

Plot

Top Grant Year By Concepts

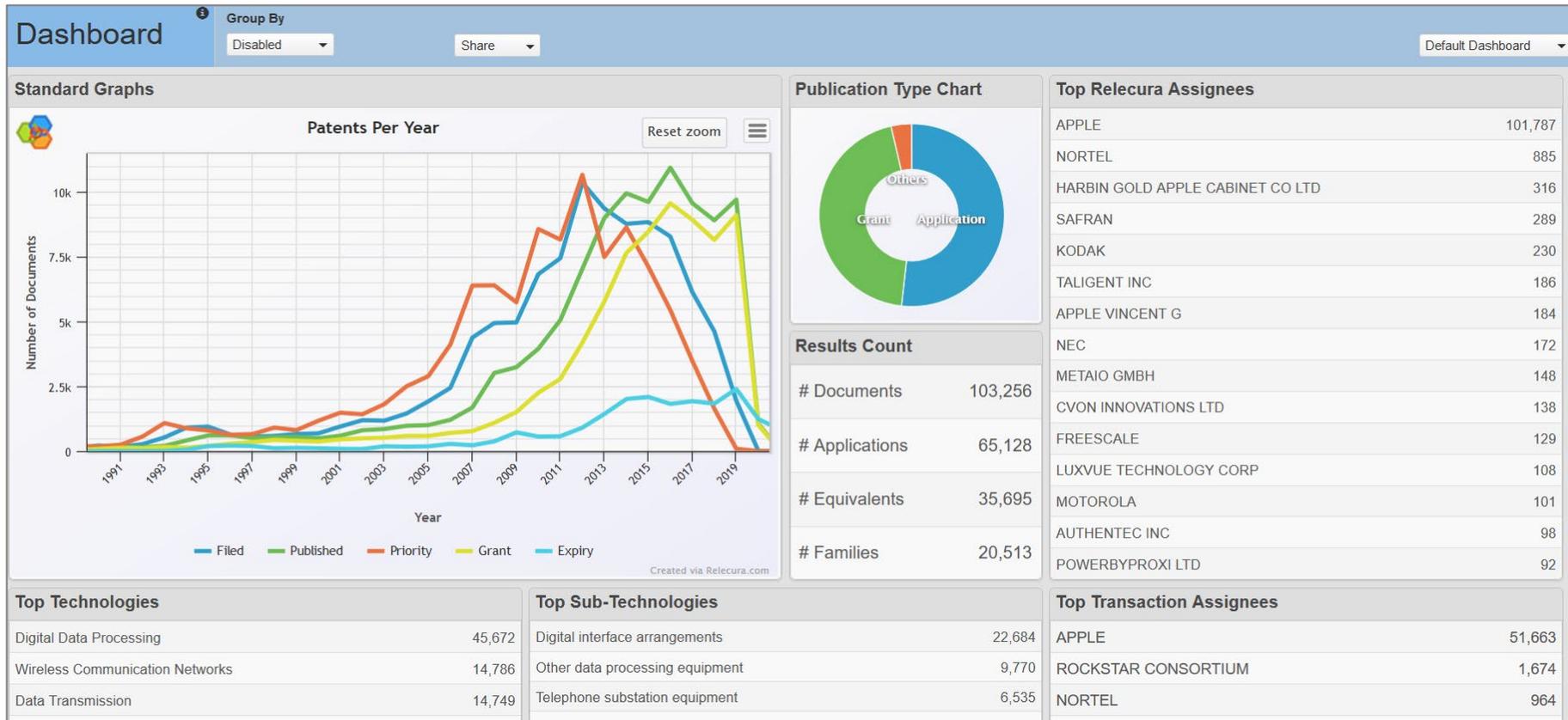
Legend: 2019 (blue), 2016 (green), 2017 (orange), 2018 (yellow), 2014 (cyan), 2015 (light green), 2013 (red), 2012 (light yellow), 2011 (light blue), 2010 (brown)

Graph Data

| Year | 2019 | 2016 | 2017 | 2018 | 2014 | 2015 | 2013 | 2012 | 2011 | 2010 |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mobile device | 4,591 | 3,194 | 3,194 | 3,194 | 3,194 | 3,194 | 3,194 | 3,194 | 3,194 | 3,194 |
| Telecommunication | 4,705 | 3,099 | 3,099 | 3,099 | 3,099 | 3,099 | 3,099 | 3,099 | 3,099 | 3,099 |
| Graphical user interface | 4,841 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 |
| User interface | 4,841 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 |
| Integrated circuit | 4,841 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 | 2,740 |
| Signal processing | 3,554 | 2,690 | 2,690 | 2,690 | 2,690 | 2,690 | 2,690 | 2,690 | 2,690 | 2,690 |
| Printed circuit board | 3,564 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 |
| Telecommunications network | 3,564 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 | 2,685 |
| Application programming interface | 3,132 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 |
| Electrical connector | 3,132 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 | 1,904 |

Dashboard 主控台

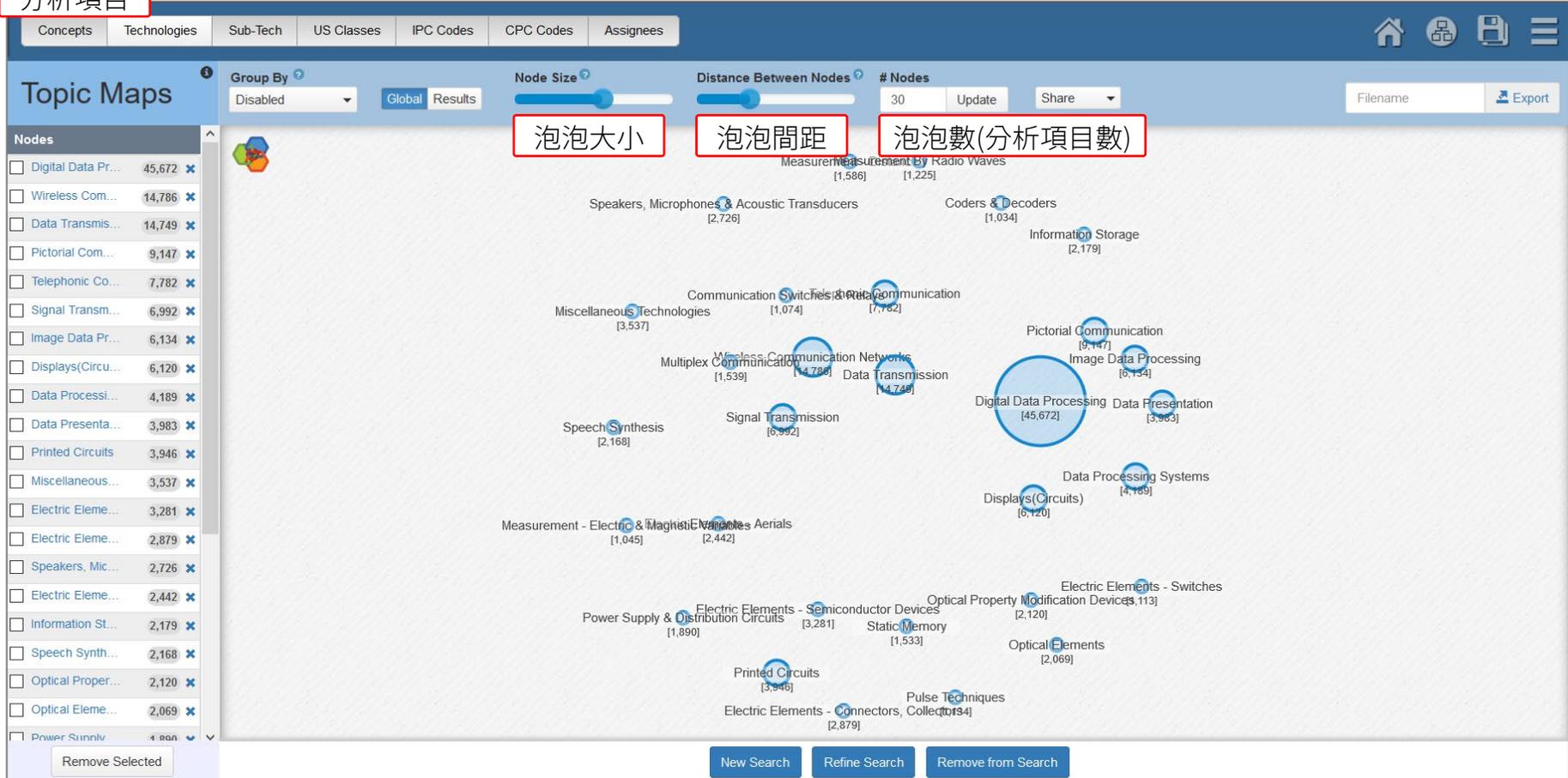
提供9種分析widgets，一頁瞭然大量資訊



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 | INTRAO P MEDICAL, INC. | INTRAO P 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 UHRENBETRIEB GMBH | GLASHUETTER UHRENBETRIEB 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

2

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

Concepts Technologies **時間範圍** s IPC Codes CPC Codes Invenite Codes

Growth Analysis Interval: 1 Year Group By: Disabled

成長項目

| 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 | |

衰退項目

| 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

The screenshot shows a patent search results page with various filters and a list of results. Annotations in red boxes highlight specific features:

- 分享專利清單** (Share Patent List): Points to the 'Share' button in the top navigation bar.
- With Relecura User Public Portfolio**: Points to the 'Public Portfolio' link in the left sidebar.
- 匯出專利資料** (Export Patent Data): Points to the 'Export' button at the bottom of the results list.
- Export Result set** and **Export Statistics**: Points to the 'Export' dropdown menu at the bottom of the results list.

The interface includes a top navigation bar with 'Patent' and 'Assignment' tabs, a search bar, and a sidebar with filters for Keywords, Taxonomy, Graphs, Refine, Explore, Concepts, Technologies, US Classifications, IPC Codes, CPC Codes, Country Codes, IP Type, and Publication Type. The main results table has columns for Publication #, Published, Filed, Title, Current Assignees, and Ultimate Parent. The bottom of the page shows 'Save All' and 'Export' buttons, and a pagination indicator '1 of 1000'.

| Publication # | Published | Filed | Title | Current Assignees | Ultimate Parent |
|------------------|------------|------------|---|-------------------------------|--------------------|
| DE102009033962B4 | 2020-02-20 | 2009-07-20 | Drive train and electrical n | WARNER INC | BorgWarner |
| DE102018006408A1 | 2020-02-20 | 2018-08-14 | Electric vehicle unit 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 | WHEELCHAIR LIFT WITH LOW ENERGY CONSUMPTION | | S R L |
| US20200055355A1 | 2020-02-20 | 2018-02-13 | TRACTION DEVICE AND TRACTION METHOD | | |
| 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 |
| US20200055383A1 | 2020-02-20 | 2017-11-21 | LOCKING DEVICE, FIXED BY ELECTRIC VEHICLE | | |

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 | Electronic devices with input-output d |
| Concepts | <input type="checkbox"/> TW201944574A | 2019-11-16 | 2019-04-03 | Systems and methods for implement |
| Technologies | | | | scalable system |

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Create Public Portfolio

Name: ShareTestApple

Description: This is shared for the team of Appleseed.

Passcode: 123

Expiry Date: 2020-03-13

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Collapsed View Fields

Available Fields

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 - Application Number
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 - Grant Date
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Name: ShareTestApple

Description: This portfolio is for test only.

Passcode: 123

Results

| Publication # | Published | Filed | Title | Current Assignee | Ultimate Parent |
|---------------|------------|------------|--|------------------|-----------------|
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |
| TWI677782B | 2019-11-21 | 2018-06-11 | Electronic devices with input-output d | Apple Inc. | Apple Inc. |

匯出選項：專利文件內容



Export

Load Template
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 Manage Templates

Number of Results:

Export as: CSV RTF XLSX

Filename:

Compress with ZIP: Yes No

Include PDF: Yes No

Include Image: Yes No

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

Fields Order

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

加入已選欄位

調整已選取欄位順序

從已選欄位刪除

將目前設定儲存成範本
未來可直接套用

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9個分類、76欄位可供下載

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調整已選取欄位順序

從已選欄位刪除

將目前設定儲存成範本
未來可直接套用

匯出選項：專利文件內容

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Number of Results: 60000

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Filename: Optional

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- Document Numbers
 - Country Code
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 - 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

Fields Order

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- Title
- Filing Date
- Inventors
- Current Assignees

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| 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 |

Export Save as Template

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

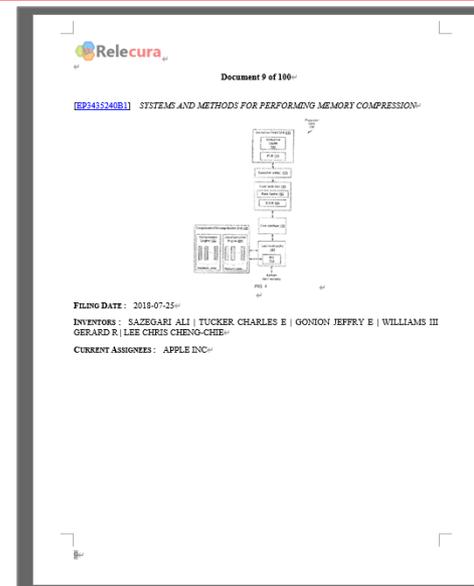
匯出選項：專利文件內容

xlsx格式可儲存圖片，因此僅有單檔



| 1 | A | B | C | D | E | F |
|---|--------------------|---|-------------|--|-------------------|-------|
| 1 | Publication Number | Title | Filing Date | Inventors | Current Assignees | Image |
| | 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 | |
| 2 | 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 | |
| 3 | 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 Sukalpa Biswas Thejasvi Magudilu 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



| 1 | 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 | 2018/03/21 | YERKES GIANCARLO ALDOMA BUCHACA AITOR WONG NA DUNKLEY OLIVER | APPLE INC |
| 4 | 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 Sukalpa Biswas Thejasvi Magudilu 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 VIDEO PIPELINE | 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 DIG | APPLE INC. |
| 9 | EP3503425B1 | COMMUNICATING A FILE | 2009/2/27 | SIVANESAN KATHIRAJ | APPLE INC |
| 10 | EP3435240B1 | SYSTEMS AND METHODS FOR VIDEO PIPELINE | 2018/7/25 | SAZEGARI ALITUCKEF | APPLE INC |
| 11 | EP3343976B1 | METHODS AND SYSTEMS FOR VIDEO PIPELINE | 2008/11/5 | NOVAK ROBERT FONC | APPLE INC. |
| 12 | EP3273338B1 | LIST SCROLLING AND DISPLAY | 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 HADJINGWANG HA | APPLE INC. |
| 15 | EP3326050B1 | STYLUS FOR ELECTRONIC DEVICES | 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 Synergytek Consultancy
02-77218358
service@synergytek.com.tw