



PATENTSCOPE

Overview and practical example

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Kigali
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Figures

Patent documents	70 million
Patent collections	53
- National	49
- Regional	3
- International (PCT)	1
Cost	None!

Features

- Flexible interfaces
- Powerful translation
- Rapid data analysis
- Extensive data export
- Customizable options

Search interfaces

- Simple
- Advanced Search
- Field Combination
- Cross Lingual Expansion

Search interfaces

The screenshot displays the WIPO PATENTSCOPE search interface. At the top left is the WIPO logo, and to its right is the text "PATENTSCOPE" and "Search International and National Patent Collections". A language menu at the top right lists: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this is a navigation bar with tabs: Search, Browse, Translate, Options, News, Login, and Help. The "Search" tab is active, and a dropdown menu is open, listing four search options: Simple, Advanced Search, Field Combination, and Cross Lingual Expansion. The "Advanced Search" option is highlighted with a red rounded rectangle. Below the dropdown is a search input field with a "Front Page" dropdown on the left and a "Search" button on the right. The "Office: All" label is positioned above the search button. Below the search area are two informational boxes: one for "New Chemical Structure Search functionality" and another for "PCT Publication 14/2018 (2018/04/05) is now available. The next publication date is scheduled as follows: Gazette number 15/2018 (2018/04/12). More".

Translation

Sort by: Relevance View All List Length 10 **Machine translation**

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
21. 1059863 RATON INFORMATICO.				es	16.06.2005
G06F 3/033	200500601	GUERRERO GALAN ANTONIO		GUERRERO GALAN ANTONIO	
<p>1. Ratón informático, del tipo de los utilizados como dispositivo apuntador en un ordenador o análogo, constituido por una carcasa (1) o cuerpo de asido, unos botones de accionamiento (2) sobre dicha carcasa (1), unos medios (4) de medición del desplazamiento, un circuito controlador (3) de señales y comunicaciones y opcionalmente un cable de comunicación o un transmisor inalámbrico, caracterizado porque comprende: un dispositivo de vibración mecánica (6) conectado al circuito controlador (3) y activable por la pulsación de al menos uno de los botones de accionamiento (2) y, unos interruptores (5) de desconexión selectiva del dispositivo de vibración (6), conectados al circuito controlador (3) y asociados a los respectivos botones de accionamiento (2). 2. Ratón, según la reivindicación 1, caracterizado porque el dispositivo de vibración mecánica (6) es un motor eléctrico con un eje de masa excéntrica.</p>					
22. H054252 マウス				JP	22.01.1993
G06F 3/33	4953591U	株式会社東芝		天間 正之	
<p>【目的】 マウスを使用中にマウス本体から手を離れた際、マウスカーソルが移動するのを防止する。</p> <p>【構成】 マウス本体が押圧されたとき、ボールは回転可能状態となる。 マウス本体を移動させたときに、ボールが回転して表示装置上のマウスカーソルが移動する。また、マウス本体が押圧されないときには、ボールが回転せずマウスカーソルは移動しない。 したがって、マウス本体から手を離れた際、マウスカーソルがずれなどにより移動するのが防止される。</p>					

Translation

- WIPO Translate
- WIPO Pearl
- Google Translate
- Bing Translate
- Baidu Translate

WIPO Translate

العربية | English | Español | Français | Русский | 中文 |

WIPO **TRANSLATE**
Instant patent translation

Home | IP Services | PATENTSCOPE | Database Search | WIPO translate

Translate

[\[help/user guide\]](#)

WIPO Translate NMT is a powerful instant translation tool, designed specifically to translate patent texts (now almost all languages are available using Neural Machine Translation technology). Simply cut and paste text from a patent document into the box below and select from the available language pairs, then click on "Translate".

Text to be translated:

Language pair:

Domain:

Related links

- [WIPO Translate: Cutting-Edge Translation Tool For Patent Documents Extends Language Coverage](#)

- Based on patent documentation → **Accurate**
- Administered by WIPO → **Secure**

WIPO Pearl

The screenshot shows the WIPO Pearl Linguistic Search page. At the top, the WIPO logo and 'WORLD INTELLECTUAL PROPERTY ORGANIZATION' are on the left, and 'Contact Us' and 'My Account' are on the right. Below this is a navigation bar with 'Home', 'Reference', and 'WIPO Pearl' (the active page). The main heading is 'WIPO Pearl - Linguistic Search'. A descriptive paragraph states: 'WIPO's multilingual terminology portal gives access to scientific and technical terms derived from patent documents. Search by term, with optional parameters. Select a Source Language for best results, and disable ad-blocking plug-ins.' To the right of the text is a box with two links: 'User Guide' and 'Concept Map Search'. The search interface includes a 'Search Term' input field with the placeholder 'Enter your term here...', a 'Source Language' dropdown menu set to 'Any', a 'Target Language' dropdown menu set to 'Any', a 'Subject Field' dropdown menu set to 'Any', and two checkboxes for 'Abbreviation Only' and 'Exact Search'. 'Search' and 'Reset' buttons are located at the bottom right of the search area.

- Translate scientific and technical terms

Results analysis

Results 1-10 of 131,230 for Criteria:(EN_Ti:("mouse") OR EN_AB:("mouse")) OR (DA_Ti:("muse" OR "ikke humane dyr") OR DA_AB:("muse" OR "ikke humane dyr")) OR (DE_Ti:("Maus") OR DE_AB:("Maus")) OR (ES_Ti:("ratón") OR ES_AB:("ratón")) OR (FR_Ti:("souris") OR FR_AB:("souris")) OR (IT_Ti:("mosca") OR IT_AB:("mosca")) OR (JA_Ti:("マウス") OR JA_AB:("マウス")) OR (KO_Ti:("마우스" OR "생쥐") OR KO_AB:("마우스" OR "생쥐")) OR (PL_Ti:("mysiego") OR PL_AB:("mysiego")) OR (PT_Ti:("rato" OR "ratinho" OR "murganho") OR PT_AB:("rato" OR "ratinho" OR "murganho")) OR (RU_Ti:("мыши" OR "основании" OR "разновидности" OR "мышиного") OR RU_AB:("мыши" OR "основании" OR "разновидности" OR "мышиного")) OR (ZH_Ti:("小鼠") OR ZH_AB:("小鼠")) Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 13124 Go >

Refine Search (EN_Ti:("mouse") OR EN_AB:("mouse")) OR (DA_Ti:("muse" OR "ikke humane dyr") OR DA_AB:("muse" OR "ikke humane dyr")) OR (DE_Ti:("Maus") OR DE_AB:("Maus")) OR (ES_Ti: Search RSS

Analysis

Sort by: Relevance View All List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2015/022918	MOUSE			WO	19.02.2015
G06F 3/0354	PCT/JP2014/071042	MOTEGI Kousei		MOTEGI Kousei	
<p>[Problem] To provide a mouse having an excellent design without reducing operability. [Solution] A mouse (1) that includes a mouse main body (2) having an operation surface (12) on which operation buttons such as a scroll button are arranged, and back surface (13) opposing the operation surface (12). The mouse main body (2) has a first region (21) on the back surface (13) of which a recess (14) is formed, and a second region (22) adjacent to the first region (21). The second region (22) is formed by dome parts (23A, 23B, 23C, 23D), with each dome part (23A, 23B, 23C, 23D) being arranged adjacent to the first region (21). Two first protruding parts (5) are provided at the periphery of the recess (14) on the back surface (13) of the first region (21). An elastic first elastic body (3) is arranged in the recess (14). Second protrusions (6) are arranged on the back surface (13) of the two dome parts (23A, 23D) at either end of the second region (22). Second elastic bodies (4) are arranged on the back surface (13) of the central dome parts (23B, 23C) of the second region (22).</p>					

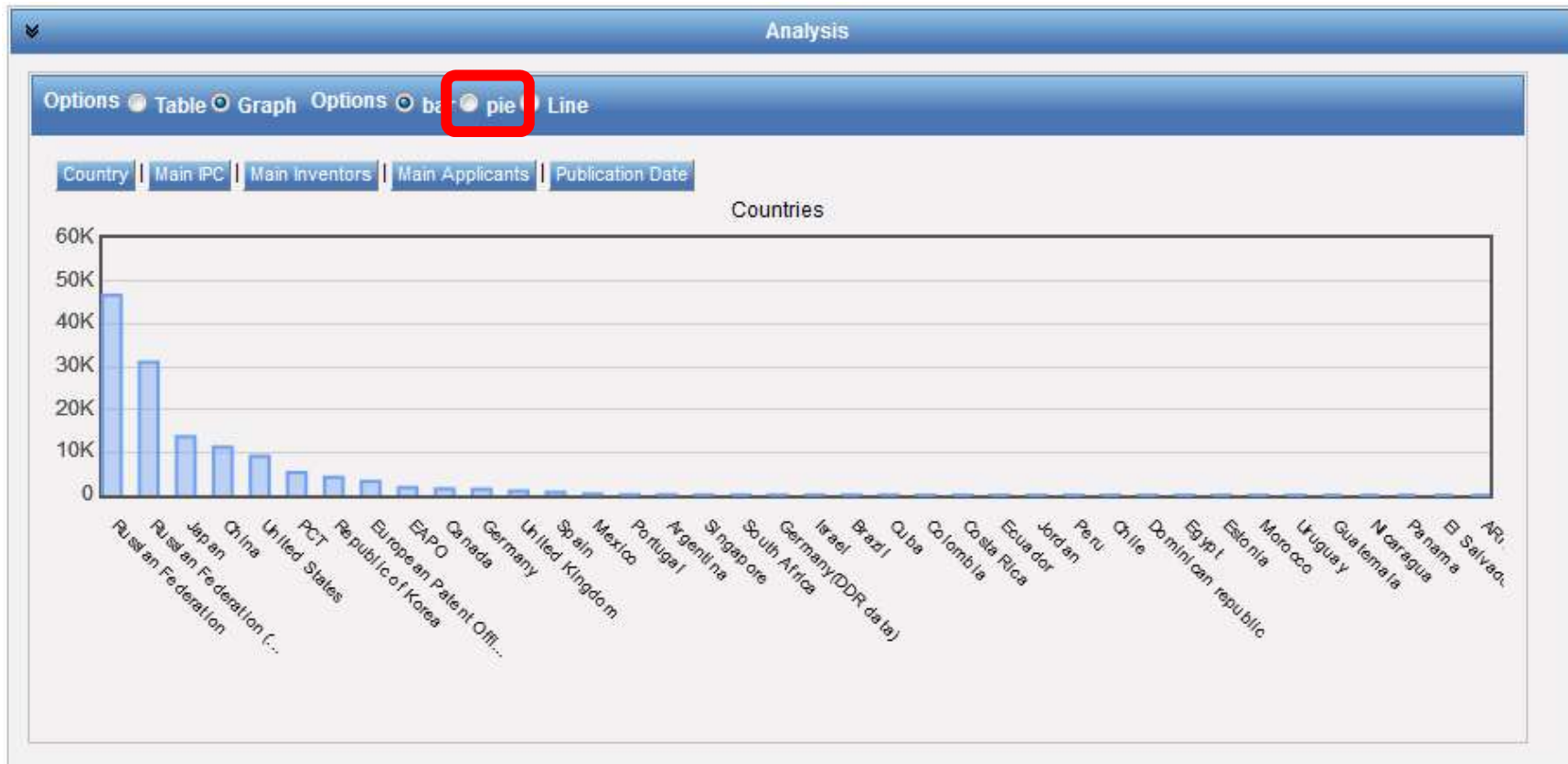
Results analysis

Analysis

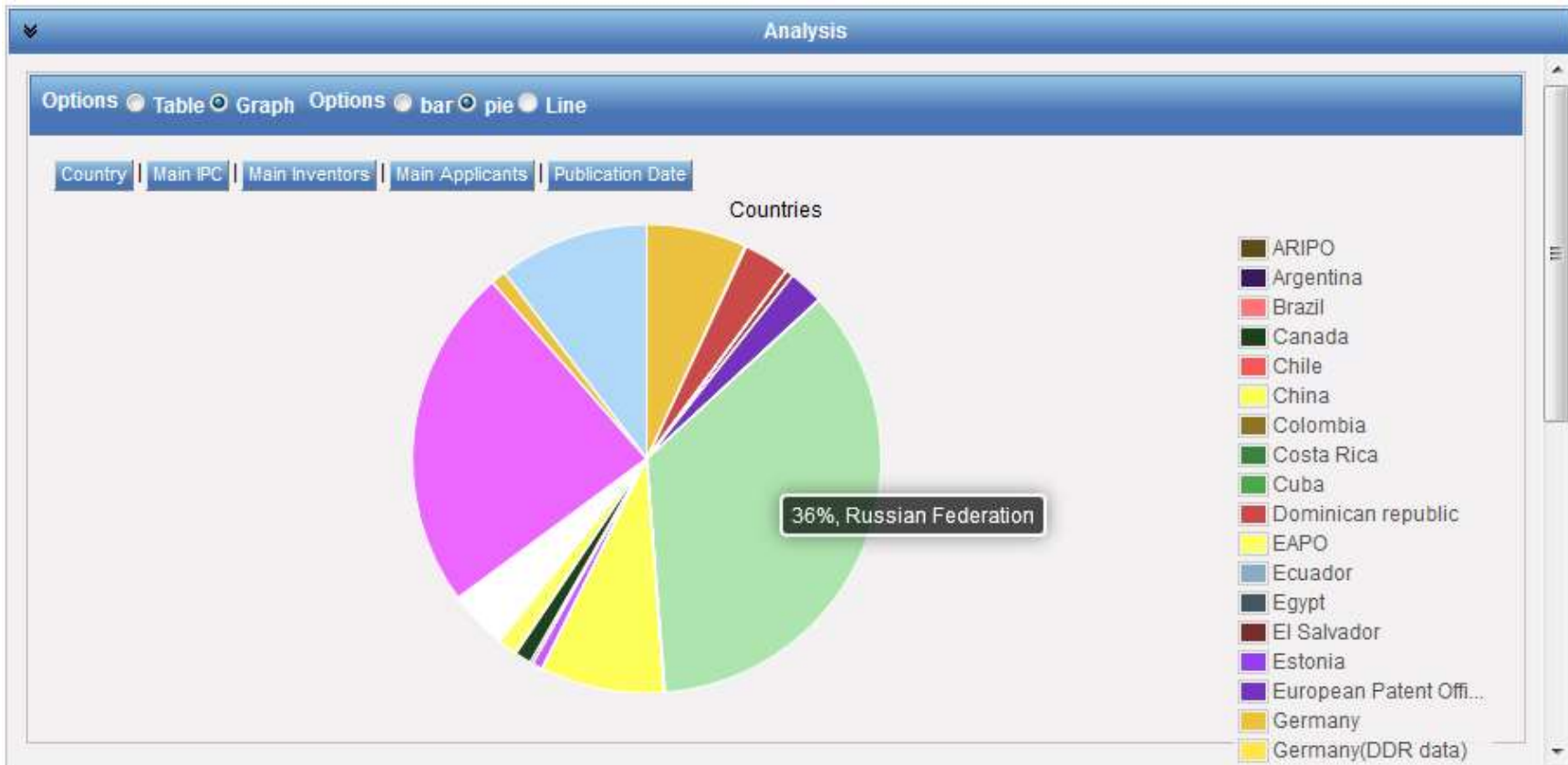
Options Table Graph bar pie Line

Countries		Main IPC		Main Inventor		Main Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
Russian Federation	46689	G06F	22156	Кочетов Олег Савельевич (RU)	559	株式会社日立製作所	406	2005	3921
Russian Federation (USSR data)	31020	A61K	11926	Kochetov Oleg Save'evich (RU)	412	キヤノン株式会社	337	2006	4124
		C12N	9195			КВЭЛКОММ ИНКОРПОРЕЙТЕД (US)	318	2007	3866
Japan	13635	G01N	8380	Стареева Мария Олеговна (RU)	252	株式会社東芝	307	2008	4321
China	11182	C07K	7488	Starееva Marija Olegovna (RU)	185	日本電気株式会社	297	2009	5318
United States	9062	A61P	7359			International Business Machines Corporation	296	2010	5327
PCT	5247	A61B	4160	Стареева Мария Михайловна (RU)	174	ソニー株式会社	291	2011	6843
Republic of Korea	4147	A01K	3826	ЛОДУС ЕВГЕНИЙ ВАСИЛЬЕВИЧ	168	SONY CORP	282	2012	7846
European Patent Office	3180	G09G	3064			ЛОДУС ЕВГЕНИЙ ВАСИЛЬЕВИЧ	168	HITACHI LTD	269
EAPO	1757	C12P	2721	Kochetova Marija Olegovna (RU)	145	松下電器産業株式会社	254	2014	9754
Canada	1480					Кочетова Мария Олеговна (RU)	145		
Germany	1390								
United Kingdom	940								

Results analysis



Results analysis



Customizable options

The screenshot shows a window titled "Options" with a close button in the top right corner. Below the title bar are five tabs: "Query", "Result", "Interface", "Office", and "Translate". The "Result" tab is selected. The main content area is divided into several sections:

- Result List Language:** A group of radio buttons for selecting a language. "English" is selected. Other options include Query Language, Vietnamese, French, Russian, Arabic, Hebrew, German, Korean, Estonian, Spanish, Portuguese, Japanese, and Chinese.
- Displayed Fields:** A group of checkboxes for selecting fields to display. Checked fields include Application Number, Abstract, Int. Class, Inventor Name, Publication Date, and Applicant Name. The "Image" checkbox is unchecked.
- Chart/Graph:** A group of radio buttons for selecting the display format. "Graph" is selected, and "Table" is unselected.
- Group by:** A group of checkboxes for selecting grouping criteria. Checked options include Countries, Main IPC, Main applicant, Main inventor, and Publication Dates. Other options include None, All IPC code, All applicants, All inventors, and Filing Dates.
- No of Items/Group:** A dropdown menu currently set to "10". This element is highlighted with a red rectangular box.

At the bottom of the dialog, there are two buttons: "Save" and "Reset".

PATENTSCOPE Accounts

The screenshot shows the WIPO PATENTSCOPE website interface. At the top left is the WIPO logo. To its right is the text "PATENTSCOPE" and "Search International and National Patent Collections". A language menu at the top right lists: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية |. Below this is a navigation bar with "WORLD INTELLECTUAL PROPERTY ORGANIZATION" and buttons for Search, Browse, Translate, Options, News, Login, and Help. The "Login" button is highlighted with a red rectangle, and a dropdown menu is open showing "Login" and "Account Sign Up" options. Below the navigation bar is a breadcrumb trail: Home > IP Services > PATENTSCOPE. The main content area has a "Simple Search" header. Below it is a text block: "Using PATENTSCOPE you can search 58 million patent documents including 3 million published international patent applications (PCT). Detailed coverage information can be found here (->)". Below this is a search input field with a "Front Page" dropdown, a "Search" button, and "Office: All" text. At the bottom, there are two informational boxes: "New Chemical Structure Search functionality" and "PCT Publication 43/2016 (2016/10/27) is now available. The next publication date is scheduled as follows: Gazette number 44/2016 (2016/11/03). More".

WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

PATENTSCOPE
Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية |

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | **Login** | Help

Home > IP Services > PATENTSCOPE

Simple Search

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Front Page [dropdown] [input] [?] Office: All [Search]

New Chemical Structure Search functionality

PCT Publication 43/2016 (2016/10/27) is now available. The next publication date is scheduled as follows: Gazette number 44/2016 (2016/11/03). More


PATENTSCOPE Accounts

- Save customization options
- View and save session queries
- Export data
- Chemical structure search

View query history, save customization

The screenshot shows the WIPO PATENTSCOPE website. At the top left is the WIPO logo and the text 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. To the right, there are language options: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this is the 'PATENTSCOPE' title and the subtitle 'Search International and National Patent Collections'. A navigation bar contains 'Search', 'Browse', 'Translate', 'Options', 'News', 'User: mussadiq.hussain@wipo.int', and 'Help'. The 'User' dropdown menu is highlighted with a red box and contains the following items: 'Session queries', 'Saved queries', 'Save current interface options', and 'Log out'. Below the navigation bar, there is a breadcrumb trail: 'Home > IP Services > PATENTSCOPE'. The main content area has a 'Simple Search' section with a text box and a 'Search' button. Below this, there are two news items: 'New Chemical Structure Search functionality' and 'PCT Publication 43/2016 (2016/10/27) is now available. The next publication date is scheduled as follows: Gazette number 44/2016 (2016/11/03). More'. At the bottom right, there is a 'WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION' logo.

Save queries, export results

WIPO  **PATENTSCOPE** Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

Search International and National Patent Collections




WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search Browse Translate Options News User: mussadiq.hussain@wipo.int Help

Home > IP Services > PATENTSCOPE

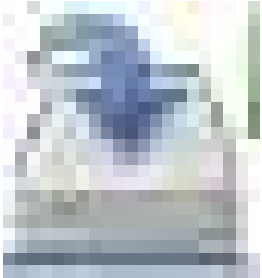
Results 1-10 of 57,471,605 for Criteria: Office(s):all Language:EN Stemming:true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 5747161 Go >

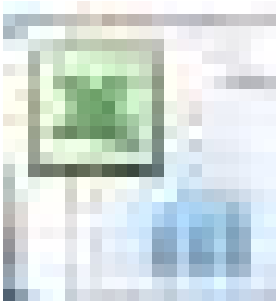
Refine Search Search   

Analysis

Save and export



- Save query



- Export 100 results (with detailed data)

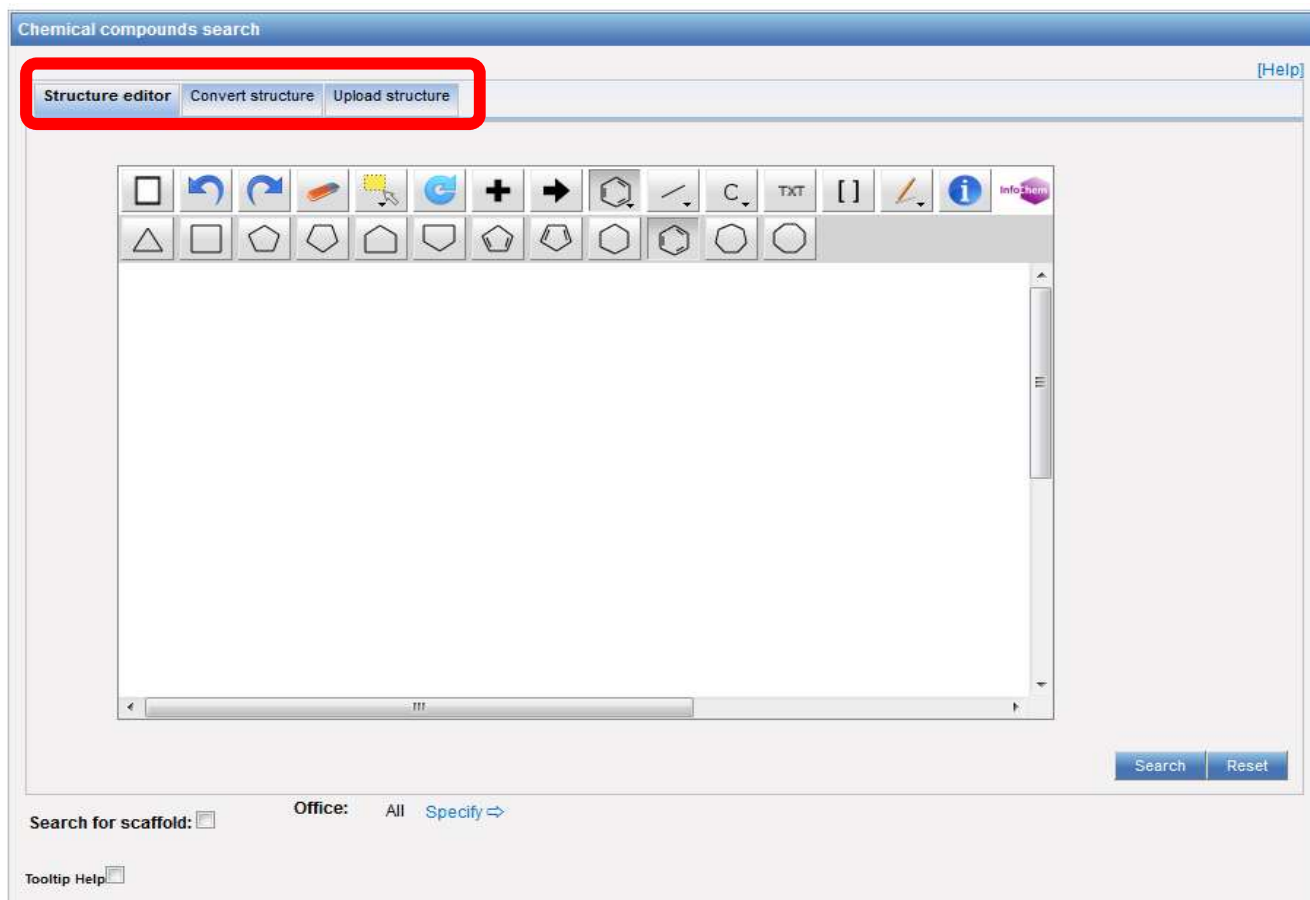


- Export 10,000 results (with limited data)

Chemical structure search

The screenshot displays the WIPO PATENTSCOPE website interface. At the top left is the WIPO logo, and to its right is the text 'PATENTSCOPE' and 'Search International and National Patent Collections'. A navigation bar includes links for 'Mobile', 'Deutsch', 'Español', 'Français', '日本語', '한국어', 'Português', 'Русский', '中文', and 'العربية'. Below this is a secondary navigation bar with 'Search', 'Browse', 'Translate', 'Options', 'News', 'User: mussadiq.hussain@wipo.int', and 'Help'. A dropdown menu is open under 'Search', listing 'Simple', 'Advanced Search', 'Field Combination', 'Cross Lingual Expansion', and 'Chemical compounds', with the last option highlighted by a red box. Below the dropdown is a search input field with a 'Front Page' dropdown and a 'Search' button. A notification banner at the bottom states: 'PCT Publication 03/2017 (2017/01/19) is now available. The next publication date is scheduled as follows: Gazette number 04/2017 (2017/01/26). More'.

Chemical structure search interface



PATENTSCOPE: Tutorials

WIPO  **PATENTSCOPE** Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية |







Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | Login | Help

Home > IP Services > PATENTSCOPE

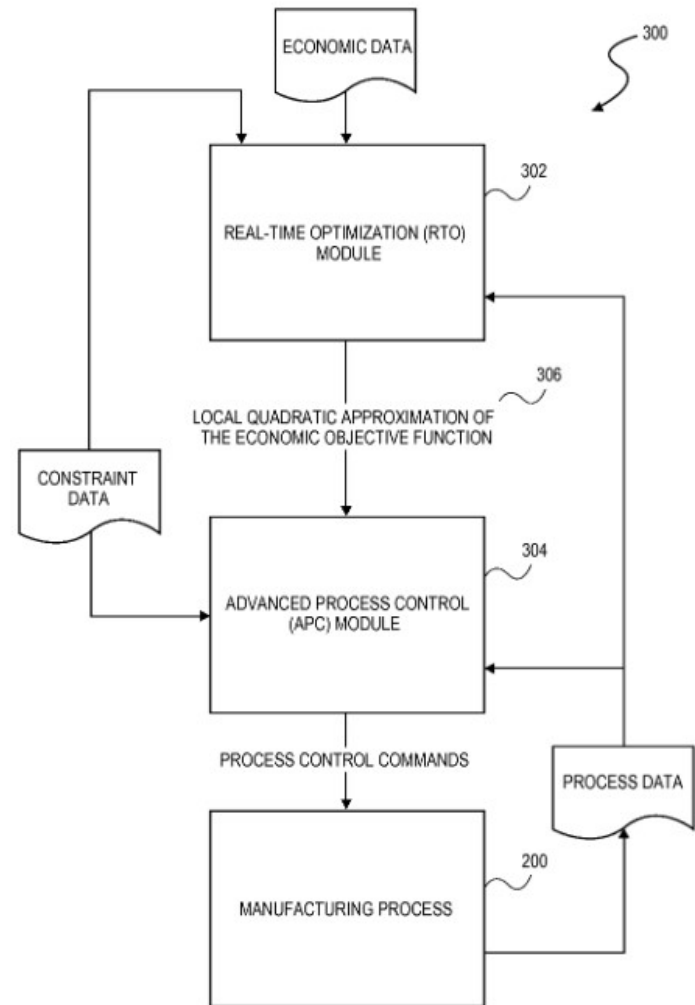
Tutorials

<p>Presentation</p> <p>What is PATENTSCOPE, what is included in its database and how to access it?</p> 	<p>Search by keyword, number, inventor/company name</p> <p>How to find patent documents using simple keywords, numbers, dates etc.</p> 	<p>Complex queries with predefined search fields</p> <p>How to use and combine many predefined fields to build more complex queries</p> 
<p>Complex queries</p> <p>How to combine search fields, operators and search criterias to build complex queries from scratch</p> 	<p>Chemical information search</p> <p>How to search for chemical information</p> 	<p>Extend your queries by adding synonyms and translations</p> <p>How to use CLIR to add synonyms and their translations to your query in order to search in collections disclosed in a foreign language</p> 

- Introduction
- Browsing
- Interfaces
- Results

Scenario

- A researcher at a systems development laboratory is considering a direction for her research into adaptive control systems.



Scenario

- Your task is to determine:
 - which technologies already exist in this area
 - which organizations or individuals are particularly active in this area (in terms of patenting)

Task breakdown

- Access the PATENTSCOPE search service
- Retrieve patent documents based on
 - keywords
 - classification
- Examine a specific patent document and its related documents within the results
- Analyze the whole set of results according to applicants and inventors
- Keep the researcher up-to-date on new patent documents

Task breakdown

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WIPO homepage

The screenshot shows the WIPO homepage with a dark blue header. The top right corner contains links for Media, Meetings, Contact Us, My Account, and English. The main header features the WIPO logo and the text 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. Below this is a navigation bar with links for IP Services, Policy, Cooperation, Knowledge (highlighted with a red box), About IP, and About WIPO. A search bar labeled 'Search WIPO' is located on the right side of the navigation bar.

The main banner features a blue background with various icons representing technology and innovation. The central text reads '243,500' in large red font, with 'PCT' and 'Madrid' visible in the background. Below this, three upward-pointing arrows indicate growth rates: 4.5% (black), 6.2% (blue), and 6.9% (green). The banner is titled 'Another Record Year for WIPO's Global IP Services' at the bottom.

Category	Growth Rate
Global IP Services	4.5%
PCT	6.2%
Madrid	6.9%

<http://www.wipo.int>

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WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Media | Meetings | Contact Us | My Account | English ▾

IP Services | Policy | Cooperation | Knowledge | About IP | About WIPO

Search WIPO 🔍

IP Databases

- PATENTSCOPE**
- Global Brand Database
- Madrid Monitor
- Global Design Database
- Hague Express
- Article 6ter

Legal Resources

- IP Laws and Treaties (WIPO Lex)
- WIPO Administered Treaties

Information Resources

- Documents
- Statistics
- Publications
- Country Profiles
- Case Studies
- Library

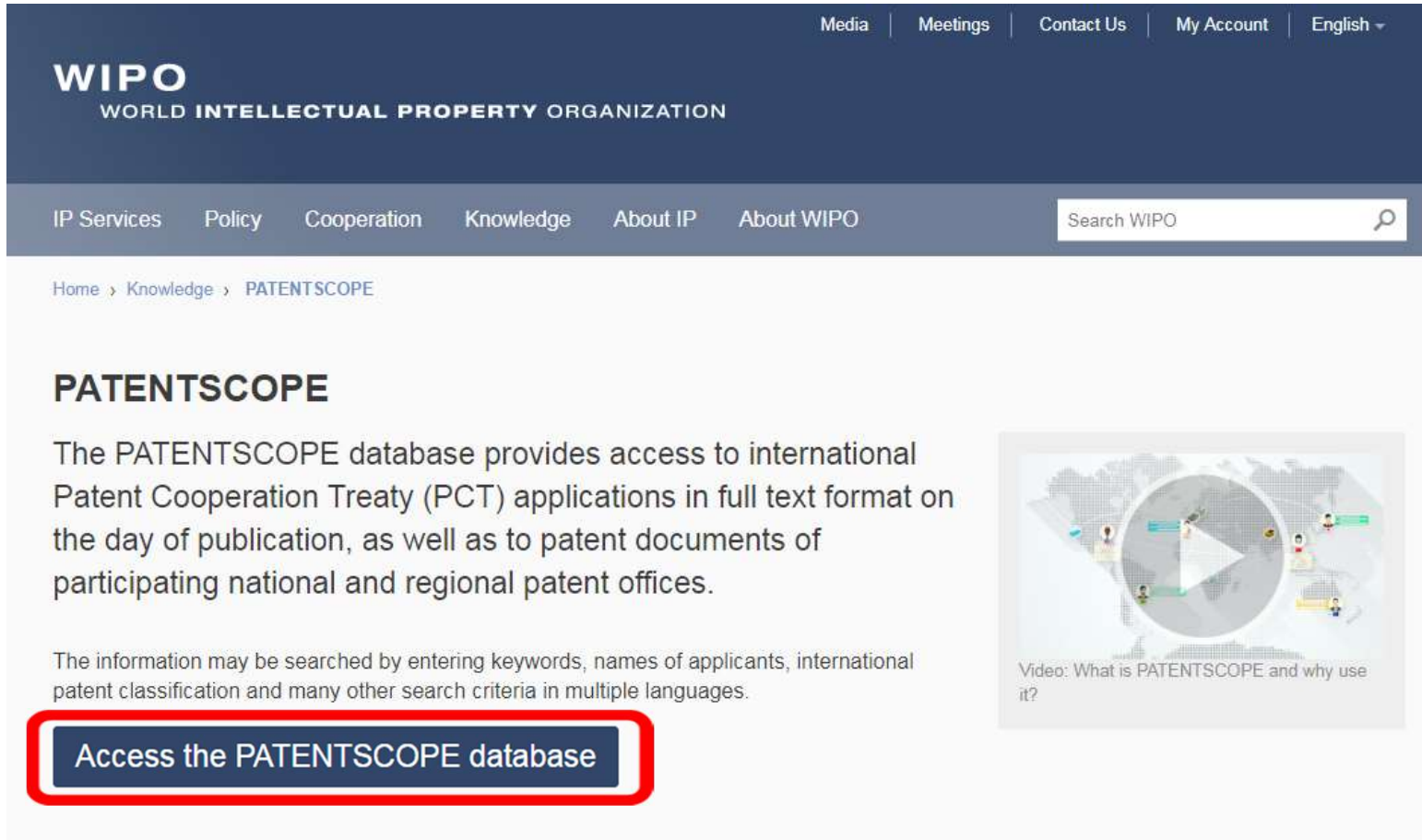
Technical Resources

- International Classifications
- Standards (WIPO Handbook)
- Terminology (WIPO Pearl)

4.5% Madrid 6.9%

Another Record Year for WIPO's Global IP Services

WIPO homepage: PATENTSCOPE



The image shows a screenshot of the WIPO PATENTSCOPE homepage. At the top, there is a dark blue header with the WIPO logo and the text "WORLD INTELLECTUAL PROPERTY ORGANIZATION". To the right of the logo, there are links for "Media", "Meetings", "Contact Us", "My Account", and "English". Below the header, there is a navigation bar with links for "IP Services", "Policy", "Cooperation", "Knowledge", "About IP", and "About WIPO". A search bar labeled "Search WIPO" is located on the right side of this bar. Below the navigation bar, there is a breadcrumb trail: "Home > Knowledge > PATENTSCOPE". The main content area features the heading "PATENTSCOPE" followed by a paragraph: "The PATENTSCOPE database provides access to international Patent Cooperation Treaty (PCT) applications in full text format on the day of publication, as well as to patent documents of participating national and regional patent offices." Below this paragraph, there is another paragraph: "The information may be searched by entering keywords, names of applicants, international patent classification and many other search criteria in multiple languages." A prominent blue button with a red border and white text says "Access the PATENTSCOPE database". To the right of the text, there is a video player with a play button icon and the caption "Video: What is PATENTSCOPE and why use it?". The video player shows a world map with various icons representing different countries and patent offices.

WIPO PATENTSCOPE



PATENTSCOPE

[Mobile](#) | [Deutsch](#) | [Español](#) | [Français](#) | [日本語](#) | [한국어](#) | [Português](#) | [Русский](#) | [中文](#) | [العربية](#)

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

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[Translate](#)

[Options](#)

[News](#)

[Login](#)

[Help](#)

[Home](#) > [IP Services](#) > PATENTSCOPE

Simple Search

Using PATENTSCOPE you can search 69 million patent documents including 3.3 million published international patent applications (PCT). Detailed coverage information can be found here (->)

Front Page



Office: All

[Search](#)


[New Chemical Structure Search functionality](#)

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Search interfaces

WIPO  PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

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CLIR

WIPO **PATENTSCOPE**
Search International and National Patent Collections

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | Login | Help

Home > IP Services > PATENTSCOPE

Input search terms

[Help]

Query

Query Language: English

Expansion Mode: Automatic

Precision 0 4 Recall

Submit Query

CLIR: Automatic mode

The screenshot displays the WIPO PATENTSCOPE search interface. At the top, the WIPO logo and the text "PATENTSCOPE" are visible, along with a language selection menu. Below this is a navigation bar with options like "Search", "Browse", "Translate", "Options", "News", "Login", and "Help". The main search area is titled "Input search terms" and contains a "Query" input field with the text "adaptive control system". Below the input field, there are two dropdown menus: "Query Language:" set to "English" and "Expansion Mode:" set to "Automatic". A precision/recall slider is also present, with "Precision" on the left and "Recall" on the right, and a "Submit Query" button at the bottom.

→ Query language is the language in which your query is entered

Automatic mode: Query and results



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Results 1-10 of 15,039 for Criteria:FP:(EN_TI:("adaptive control system" OR "adaptive regulating system" OR "adaptive actuating device"~21 OR "adaptive drive device"~21) OR EN_AB:("adaptive control system" OR "adaptive regulating system" OR "adaptive actuating device"~21 OR "adaptive drive device"~21)) OR (DA_TI:("adaptiv styresystem"~22 OR "adaptiv styreindretning"~22 OR "adapteren styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv kontrolsystem"~22 OR "adapteren styreindretning"~22 OR "adaptiv drivindretning"~22 OR "adapterbar styreindretning"~22 OR "omstilleligt styresystem"~22) OR DA_AB:("adaptiv styresystem"~22 OR "adaptiv styreindretning"~22 OR "adapteren styresystem"~22 OR "adapterbar styreindretning"~22 OR "adaptiv drivindretning"~22 OR "adapterbar styreindretning"~22 OR "omstilleligt styresystem"~22)) OR (DE_TI:("Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem") OR DE_AB:("Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem")) OR (ES_TI:("control adaptable") OR ES_AB:("control adaptable")) OR (FR_TI:("système de commande adaptative" OR "système de contrôle adaptif" OR "système de protection adaptable" OR "système régulateur d'adaptation" OR "dispositif de commande adaptative" OR "système adaptable de régulation" OR "système de régulation adaptatif") OR FR_AB:("système de commande adaptative" OR "système de contrôle adaptif" OR "système de protection adaptable" OR "système régulateur d'adaptation" OR "dispositif de commande adaptative" OR "système adaptable de régulation" OR "système de régulation adaptatif")) OR (IT_TI:("sistema di controllo adattabile") OR IT_AB:("sistema di controllo adattabile")) OR (JA_TI:("適応制御" OR "適応型制御システム") OR JA_AB:("適応制御" OR "適応型制御システム")) OR (KO_TI:("시스템 적응 제어"~22 OR "장치 적응 제어"~22) OR KO_AB:("시스템 적응 제어"~22 OR "장치 적응 제어"~22)) OR (NL_TI:("regelstelsel" OR "adaptieve besturing systeem"~22 OR "adaptieve besturing stelsel"~22 OR "adaptieve besturing inrichting"~22) OR NL_AB:("regelstelsel" OR "adaptieve besturing systeem"~22 OR "adaptieve besturing stelsel"~22 OR "adaptieve besturing inrichting"~22)) OR (PL_TI:("based układ sterowania"~22 OR "based system sterowania"~22 OR "based oraz układ sterowania"~22 OR "adapter do dozownika układ sterowania"~22 OR "adapter układ sterowania"~22 OR "based układ regulacji"~22 OR "based urządzenie napędowe"~22 OR "based sterowania modelem"~22 OR "adaptacyjny układ sterowania"~22) OR PL_AB:("based układ sterowania"~22 OR "based system sterowania"~22 OR "based oraz układ sterowania"~22 OR "adapter do dozownika układ sterowania"~22 OR "adapter układ sterowania"~22 OR "based układ regulacji"~22 OR "based urządzenie napędowe"~22 OR "based sterowania modelem"~22 OR "adaptacyjny

CLIR: Synonyms and variants

- Original language

adaptive control system → adaptive regulating system, ...

- Other languages

adaptive control system → système de régulation adaptatif, ...

→ Chinese, English, French, German, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Danish, Dutch, Italian, Swedish

Automatic mode: Query and results

制御システム")) OR (KO_TI:("시스템 적응 제어"~22 OR "장치 적응 제어"~22) OR KO_AB:("시스템 적응 제어"~22 OR "장치 적응 제어"~22)) OR (NL_TI:("regelstelsel" OR "adaptieve besturing systeem"~22 OR "adaptieve besturing stelsel"~22 OR "adaptieve besturing inrichting"~22) OR NL_AB:("regelstelsel" OR "adaptieve besturing systeem"~22 OR "adaptieve besturing stelsel"~22 OR "adaptieve besturing inrichting"~22)) OR (PL_TI:("based układ sterowania"~22 OR "based system sterowania"~22 OR "based oraz układ sterowania"~22 OR "adapter do dozownika układ sterowania"~22 OR "adapter układ sterowania"~22 OR "based układ regulacji"~22 OR "based urządzenie napędowe"~22 OR "based sterowania modelem"~22 OR "adaptacyjny układ sterowania"~22) OR PL_AB:("based układ sterowania"~22 OR "based system sterowania"~22 OR "based oraz układ sterowania"~22 OR "adapter do dozownika układ sterowania"~22 OR "adapter układ sterowania"~22 OR "based układ regulacji"~22 OR "based urządzenie napędowe"~22 OR "based sterowania modelem"~22 OR "adaptacyjny układ sterowania"~22)) OR (PT_TI:("sistema controle adaptador"~22) OR PT_AB:("sistema controle adaptador"~22)) OR (RU_TI:("адаптивная система управления" OR "система адаптивного управления" OR "адаптивная система регулирования") OR RU_AB:("адаптивная система управления" OR "система адаптивного управления" OR "адаптивная система регулирования")) OR (SV_TI:("adaptiv reglersystem"~22 OR "adaptiv regleranordning"~22 OR "adaptivt reglersystem"~22 OR "adaptiv styrningssystem"~22 OR "adaptiv ventilmanovreringsanordning"~22 OR "adaptiv påverkningssystem"~22 OR "adaptiv reglerapparat"~22 OR "adaptivt regleranordning"~22 OR "adapter reglersystem"~22) OR SV_AB:("adaptiv reglersystem"~22 OR "adaptiv regleranordning"~22 OR "adaptivt reglersystem"~22 OR "adaptiv styrningssystem"~22 OR "adaptiv ventilmanovreringsanordning"~22 OR "adaptiv påverkningssystem"~22 OR "adaptiv reglerapparat"~22 OR "adaptivt regleranordning"~22 OR "adapter reglersystem"~22)) OR (ZH_TI:("自适应控制" OR "自适应控制系统及") OR ZH_AB:("自适应控制" OR "自适应控制系统及")) Office(s):all Language: **EN Stemming: true**

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 1504 Go >

→ Stemming includes, e.g. plural forms

Results

Sort by: **Relevance** View: **All** List Length: **10** **Machine translation**

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 101286058 Robot modularized distribution type adaptive control system and method				CN	15.10.2008
G05B 19/418	200810036571.5	Shanghai Jiao Tong University		Cao Qixin	
<p>The invention provides a robot modularization distribution typed self-adaptive control system and method, belonging to the technical field of robots. The system comprises an equipment pool module, an equipment management module and an application module; the self-adaptive control method comprises robot system customization, electric control circuit connection, equipment online registration, online query on the equipment in the system by the application module, adjusting the zero offset of the equipment, arranging the initial gesture of the robot, carrying out the programming by a programming control module, memorizing program script files, 3D simulation verification, downloading the program script file of practical robots, and controlling the practical robot to carry out the program script file. The robot modularization distribution typed self-adaptive control system and the method realize the smart customization and integration of the user on the robot functions, realize the self-adaptive connection, configuration and controlling function of the robot modularization system on different function modules, and lead the design and development of the robot to be more convenient and faster.</p>					
2. 101977155 Virtual bandwidth adaptive control system and control method thereof				CN	16.02.2011
H04L 12/56	201010548456.3	Wuxi Yuanqing Hi-tech Research Institute Co., Ltd.		Wang Hao	
<p>The invention discloses a virtual bandwidth adaptive control system and a control method thereof in the technical field of network engineering. The system comprises a data acquisition and processing module, a virtual bandwidth control module and a parameter on-line adjusting module, wherein the data acquisition and processing module is responsible for acquiring queue length, data stream rate and other information and preprocesses the information to obtain a flow rate error $e(t)$ and change rates of $\Delta e(t)$ and $\Delta 2e(t)$; the virtual bandwidth control module performs weighted combination on the error and change rates so as to control the virtual bandwidth; and the parameter on-line adjusting module is responsible for controlling the adjusting configuration of parameters so as to enhance the adaptability and robustness of the system. The virtual bandwidth adaptive control system has simple structure and high expansibility, is applied to a parameter varying dynamic network environment, and can achieve good robustness in a wide-range network environment.</p>					

Automatic mode: Query and results

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Results 1-10 of 12,927 for Criteria:FP:(EN_Tl:("adaptive control system" OR "adaptive regulating system" OR "adaptive actuating device"~21 OR "adaptive drive device"~21) OR EN_AB:("adaptive control system" OR "adaptive regulating system" OR "adaptive actuating device"~21 OR "adaptive drive device"~21)) OR (DA_Tl:("adaptiv styresystem"~22 OR "adaptiv styreindretning"~22 OR "adapteren styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv kontrolsystem"~22 OR "adapteren styreindretning"~22 OR "adaptiv drivindretning"~22 OR "adapterbar styreindretning"~22 OR "omstilleligt styresystem"~22) OR DA_AB:("adaptiv styresystem"~22 OR "adaptiv styreindretning"~22 OR "adapteren styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv kontrolsystem"~22 OR "adapteren styreindretning"~22 OR "adaptiv drivindretning"~22 OR "adapterbar styreindretning"~22 OR "omstilleligt styresystem"~22)) OR (DE_Tl:("Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "Adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem") OR DE_AB:("Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "Adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem")) OR (ES_Tl:("control adaptable") OR ES_AB:("control adaptable")) OR (FR_Tl:("système de commande adaptative" OR "système de contrôle adaptif" OR "système de protection adaptable" OR "système régulateur d'adaptation" OR "dispositif de commande adaptive" OR "système adaptable de régulation" OR "système de régulation adaptatif") OR FR_AB:("système de commande adaptative" OR "système de contrôle adaptif" OR "système de protection adaptable" OR "système régulateur d'adaptation" OR "dispositif de commande adaptive" OR "système adaptable de régulation" OR "système de régulation adaptatif")) OR (IT_Tl:("sistema di controllo adattabile") OR IT_AB:("sistema di controllo adattabile")) OR (JA_Tl:("適応制御" OR "適応型制御システム") OR JA_AB:("適応制御" OR "適応型制御システム")) OR (KO_Tl:("시스템 적응 제어"~22 OR "장치 적응 제어"~22) OR KO_AB:("시스템 적응 제어"~22 OR "장치 적응 제어"~22)) OR (NL_Tl:("regelstelsel" OR "adaptieve besturing systeem"~22 OR "adaptieve besturing stelsel"~22 OR "adaptieve besturing inrichting"~22) OR NL_AB:("regelstelsel" OR "adaptieve besturing systeem"~22 OR "adaptieve besturing stelsel"~22 OR "adaptieve besturing inrichting"~22)) OR (PL_Tl:("based układ sterowania"~22 OR "based system sterowania"~22 OR "based oraz układ sterowania"~22 OR "adapter do dozownika układ sterowania"~22 OR "adapter układ sterowania"~22 OR "based układ regulacji"~22 OR "based urządzenie napędowe"~22 OR "based sterowania modelem"~22 OR "adaptacyjny układ sterowania"~22) OR PL_AB:("based układ sterowania"~22 OR "based system sterowania"~22 OR "based oraz układ sterowania"~22 OR "adapter do dozownika układ sterowania"~22 OR "adapter układ sterowania"~22 OR "based układ regulacji"~22 OR "based urządzenie napędowe"~22 OR "based sterowania modelem"~22 OR "adaptacyjny układ sterowania"~22)) OR (PT_Tl:("sistema controle adaptador"~22) OR PT_AB:("sistema controle adaptador"~22)) OR (RU_Tl:("адаптивная

Automatic mode: Query and results



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Simple

Advanced Search

Field Combination

Cross Lingual Expansion

"adaptive control system" OR "adaptive regulating system" OR "adaptive actuating device"~21 OR "adaptive control system" OR "adaptive regulating system" OR "adaptive actuating device"~21 OR "adaptiv styresystem"~22 OR "adaptiv styreindretning"~22 OR "adapteren styresystem"~22 OR "controlsysteem"~22 OR "adapteren styreindretning"~22 OR "adaptiv drivindretning"~22 OR "adapterbar styreindretning"~22 OR "omstilleligt styresystem"~22) OR DA_AB:("adaptiv styresystem"~22 OR "adaptiv styreindretning"~22 OR "adapteren styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv kontrolsystem"~22 OR "adapteren styreindretning"~22 OR "adaptiv drivindretning"~22 OR "adapterbar styreindretning"~22 OR "omstilleligt styresystem"~22)) OR (DE_TI:("Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem") OR DE_AB:("Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem")) OR (ES_TI:("control adaptable") OR ES_AB:("control adaptable")) OR (FR_TI:("système de commande adaptative" OR "système de contrôle adaptif" OR "système de protection adaptable" OR "système régulateur d'adaptation" OR "dispositif de commande adaptative" OR "système adaptable de régulation" OR "système de régulation adaptatif") OR FR_AB:("système de commande adaptative" OR "système de contrôle adaptif" OR "système de protection adaptable" OR "système régulateur d'adaptation" OR "dispositif de commande adaptative" OR "système adaptable de régulation" OR "système de régulation adaptatif")) OR (IT_TI:("sistema di controllo adattabile") OR IT_AB:("sistema di controllo adattabile")) OR (JA_TI:("適応制御" OR "適応型制御システム") OR JA_AB:("適応制御" OR "適応型制

CLIR: Automatic mode

The screenshot displays the WIPO PATENTSCOPE search interface. At the top left is the WIPO logo, and to its right is the text 'PATENTSCOPE' and 'Search International and National Patent Collections'. A navigation bar contains links for 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. Below this is a breadcrumb trail: 'Home > IP Services > PATENTSCOPE'. The main search area is titled 'Input search terms' and contains a search box with the text 'adaptive control system'. Below the search box are two dropdown menus: 'Query Language: English' and 'Expansion Mode: Automatic'. A slider below these menus is labeled 'Precision' on the left (0) and 'Recall' on the right (4). A 'Submit Query' button is located at the bottom left of the search area.

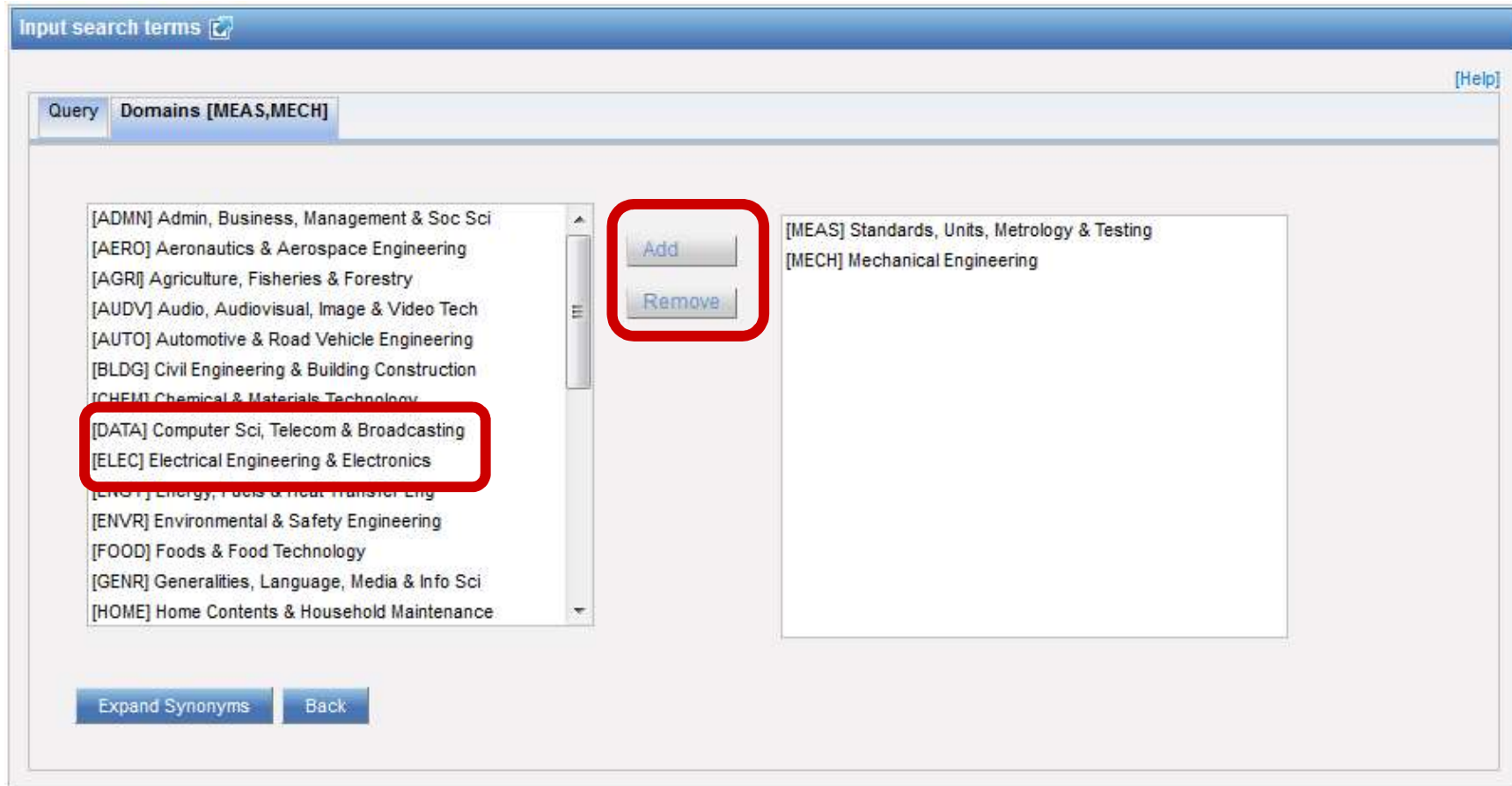
CLIR: Supervised mode

The screenshot displays the WIPO PATENTSCOPE search interface. At the top left is the WIPO logo and the text 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. To the right, the 'PATENTSCOPE' logo is shown above the tagline 'Search International and National Patent Collections'. A navigation bar contains links for 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. The breadcrumb trail reads 'Home > IP Services > PATENTSCOPE'. The main search area features a text input field with 'adaptive control system' and a '[Help]' link. Below the input field, the 'Query Language' is set to 'English'. The 'Expansion Mode' dropdown menu is open, showing 'Automatic' as the selected option and 'Supervised' as an alternative option, which is highlighted with a red rectangular box. A 'Precision' slider is positioned between 0 and 4, with 'Recall' at the 4 mark. A 'Submit Query' button is located at the bottom left of the search area.

CLIR: Supervised mode


The screenshot shows the WIPO PATENTSCOPE search interface. At the top, the WIPO logo and 'PATENTSCOPE' are displayed, along with a list of languages: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this is the tagline 'Search International and National Patent Collections' and the text 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. A navigation bar contains links for Search, Browse, Translate, Options, News, Login, and Help. The breadcrumb trail reads 'Home > IP Services > PATENTSCOPE'. The main search area is titled 'Input search terms' and contains a search box with the text 'adaptive control system'. Below the search box, the 'Query Language' is set to 'English' and the 'Expansion Mode' is set to 'Supervised'. A precision slider is visible, ranging from 0 to 4, with the label 'Recall' at the right end. A blue 'Next' button is highlighted with a red rectangular box.

Supervised mode: Domain selection



→ automatic domain detection

Supervised mode: Domain selection

Input search terms 

Query Domains [MEAS,MECH,DATA,ELEC] [Help]

[ADMN] Admin, Business, Management & Soc Sci [AERO] Aeronautics & Aerospace Engineering [AGR] Agriculture, Fisheries & Forestry [AUDV] Audio, Audiovisual, Image & Video Tech [AUTO] Automotive & Road Vehicle Engineering [BLDG] Civil Engineering & Building Construction [CHEM] Chemical & Materials Technology [ENGY] Energy, Fuels & Heat Transfer Eng [ENVR] Environmental & Safety Engineering [FOOD] Foods & Food Technology [GENR] Generalities, Language, Media & Info Sci [HOME] Home Contents & Household Maintenance [HORO] Precision Mechanics, Jewelry & Horology [MANU] Manufacturing & Materials Handling Tech	<input type="button" value="Add"/> <input type="button" value="Remove"/>	[MEAS] Standards, Units, Metrology & Testing [MECH] Mechanical Engineering [DATA] Computer Sci, Telecom & Broadcasting [ELEC] Electrical Engineering & Electronics
--	---	---

Supervised mode: Variant selection

Input search terms

Term 1: adaptive

[Help]

Variants Domains [MEAS,MECH,DATA,ELEC]

Keep term untranslated when expanding query in other languages

Less 0 4 More

adaptation matching fitting adaptor adjustment customisation

customizing accommodation suited compliant suitability

Add Variant

Term 2: system

Term 3: adaptive control

Term 4: control system

Term 5: adaptive control system

Translate Selected Terms Back Start Over

Supervised mode: Variant selection

Input search terms

Term 1: adaptive

Term 2: system

Term 3: adaptive control

Term 4: control system

Term 5: adaptive control system

[Help]

Variants Domains [MEAS,MECH,DATA,ELEC]

Keep term untranslated when expanding query in other languages

Less 0 4 More

drive system adaptable adaptive regulating system adaptative control system adaptive drive system

Add Variant

Translate Selected Terms Back Start Over

Supervised mode: Field and distance selection

English X Danish X German X Spanish X French X Italian X Japanese X Korean X Dutch X Polish X Portuguese X Russian X
Swedish X Chinese X IPC X

"adaptive control system" OR "drive system adaptable" OR "adaptive regulating system" OR "adaptive drive system"

Field(s) you want to search: Abstract

Acceptable distance between matched words: Sentence

Stemming

Submit Query Back Start Over

Supervised mode: Field and distance selection

English X Danish X German X Spanish X French X Italian X Japanese X Korean X Dutch X Polish X Portuguese X Russian X
Swedish X Chinese X IPC X

"adaptive control system" OR "drive system adaptable" OR "adaptive regulating system" OR "adaptive drive system"

Field(s) you want to search: Abstract
Acceptable distance between matched words: Title
Stemming: Abstract
Description

Submit Query Start Over

Claims
Title, Abstract and Claims
All Text

Supervised mode: Field and distance selection

English X Danish X German X Spanish X French X Italian X Japanese X Korean X Dutch X Polish X Portuguese X Russian X
Swedish X Chinese X IPC X

"adaptive control system" OR "drive system adaptable" OR "adaptive regulating system" OR
"adaptive drive system"

Field(s) you want to search: Title, Abstract and Claims ▼
Acceptable distance between matched words: Sentence ▼
Stemming

[Submit Query](#) [Back](#) [Start Over](#)

Supervised mode: Query and results



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Results 1-10 of 6,294 for Criteria:FP:(((EN_TI:("adaptive control system" OR "drive system adaptable" OR "adaptive regulating system" OR "adaptive drive system") OR EN_AB:("adaptive control system" OR "drive system adaptable" OR "adaptive regulating system" OR "adaptive drive system") OR EN_CL:("adaptive control system" OR "drive system adaptable" OR "adaptive regulating system" OR "adaptive drive system")) OR (DA_TI:("adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset styresystem"~22 OR "adaptiv styreindretning"~22 OR "adaptiv styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv system til kontrol"~22 OR "tilpasset styringssystem"~22 OR "tilpasset kontrolsystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "adapterbar styringssystem"~22 OR "adapterbar kontrolsystem"~22) OR DA_AB:("adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset styresystem"~22 OR "adaptiv styreindretning"~22 OR "adaptiv styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv system til kontrol"~22 OR "tilpasset styringssystem"~22 OR "tilpasset kontrolsystem"~22) OR DA_CL:("adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset styresystem"~22 OR "adaptiv styreindretning"~22 OR "adaptiv styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv system til kontrol"~22 OR "tilpasset styringssystem"~22 OR "tilpasset kontrolsystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "adapterbar styringssystem"~22 OR "adapterbar kontrolsystem"~22)) OR (DE_TI:("adaptives Steuerungsanordnung" OR "adaptives Regulierungssystem" OR "Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem" OR "adaptives Regelungssystem" OR "lernendes Steuerungssystem" OR "anpassungsfähiges Steuersystem") OR DE_AB:("adaptives Steuerungsanordnung" OR "adaptives Regulierungssystem" OR "Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem" OR "adaptives Regelungssystem" OR "lernendes Steuerungssystem" OR "anpassungsfähiges Steuersystem") OR DE_CL:("adaptives Steuerungsanordnung" OR "adaptives Regulierungssystem" OR "Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem" OR "adaptives Regelungssystem" OR "lernendes Steuerungssystem" OR "anpassungsfähiges Steuersystem")) OR (ES_TI:("control adaptable") OR ES_AB:("control adaptable") OR ES_CL:("control adaptable")) OR (FR_TI:("système de commande adaptative" OR "système de contrôle

Results

Sort by: Relevance View: Simple List Length: 10 **Machine translation**

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
21. 106870485		Hydraulic constant-power self-adaptive control system		CN	20.06.2017
F15B 11/17	102015000913149	SHEN JIUZHU		SHEN JIUZHU	
<p>The invention discloses a hydraulic constant-power self-adaptive control system, and the system is composed of three sets of oil ways, wherein a main system is a closed type hydraulic circuit. According to the system, the pressure of a working cavity of an executive component is fed back to a variable control mechanism of a pump through a constant-power valve, and the sensitivity, the precision, the vibration resistance stability and the working stability of the control system are improved. By means of the constant-power self-adaptive control system, the rotation speed of a hydraulic motor is automatically adjusted along with change of torque, the system achieves constant-power self-adaptive control, and the power utilization rate and the working timeliness of the executive element are improved.</p>					
22. 105186948		一种人体3D扫描转速自适应控制系统及其控制方法		CN	23.12.2015
H02P 7/18	201510461580.9	摩多数据（深圳）有限公司		冷如锋	
<p>本发明公开了一种人体3D扫描转速自适应控制系统及其控制方法，包括MCU芯片、转盘电机驱动模块、霍尔测速传感器、电源模块及转盘电机，其中，MCU芯片与转盘电机驱动模块连接；霍尔测速传感器及转盘电机分别与转盘电机驱动模块连接，霍尔测速传感器与MCU芯片连接，形成闭环控制系统；控制方法包括以下步骤：MCU芯片预设转盘转速预设值；MCU芯片发送命令至转盘电机驱动模块；转盘电机以预设值匀速旋转；人体站到转动的旋转转盘上；霍尔测速传感器感应转盘转速变化；MCU芯片根据反馈信号算出偏差值，形成转盘电机功率改变量；转盘电机驱动模块控制转盘电机功率。本发明减小了转速变化值到预设值之间的相应时间，避免了转盘因转速变化而影响扫描质量。</p>					

Machine translation

Analysis

Sort by: Relevance View Simple List Length 10 Machine translation

Int.Class	Appl.No	Title
21. 106870485		Hydraulic constant-power self-adaptive control system
F15B 11/17	102015000913149	SHEN JIUZHU
The invention discloses a hydraulic constant-power self-adaptive control system for a closed type hydraulic circuit. According to the system, the pressure of a working cavity or an executive component is fed back through a constant-power valve, and the sensitivity, the precision, the vibration resistance stability and the working stability of the means of the constant-power self-adaptive control system, the rotation speed of a hydraulic motor is automatically adjusted and achieves constant-power self-adaptive control, and the power utilization rate and the working timeliness of the executive element are improved.		
22. 105186948		一种人体3D扫描转速自适应控制系统及其控制方法
H02P 7/18	201510461580.9	摩多数据（深圳）有限公司
本发明公开了一种人体3D扫描转速自适应控制系统及其控制方法，包括MCU芯片、转盘电机驱动模块、霍尔测速传感器、电源。所述转盘电机驱动模块与MCU芯片连接；所述霍尔测速传感器与转盘电机驱动模块连接；所述霍尔测速传感器与MCU芯片连接，形成闭环控制系统；控制方法包括以下步骤：MCU芯片预设转盘转速预设值；MCU芯片发送命令至转盘电机驱动模块；转盘电机以预设值匀速旋转；人体站到转动的旋转转盘上；霍尔测速传感器感应转盘转速变化；MCU芯片根据反馈信号算出偏差值，形成转盘电机功率改变量；转盘电机驱动模块控制转盘电机功率。本发明减小了转速变化值到预设值之间的相应时间，避免了转盘因转速变化而影响扫描质量。		

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- Google Translate
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Target language options:

- Arabic
- German
- English
- Spanish
- French
- Korean
- Japanese
- Portuguese
- Russian
- Chinese

Machine translation

Analysis					
Sort by: Relevance ▾ View Simple ▾ List Length 10 ▾					
Int.Class	Appl.No	Title	Applicant	Ctr	PubDate Inventor
21. 106870485		Hydraulic constant-power self-adaptive control system		CN	20.06.2017
F15B 11/17	102015000913149		SHEN JIUZHU		SHEN JIUZHU
<p>The invention discloses a hydraulic constant-power self-adaptive control system, and the system is composed of three sets of oil ways, wherein a main system is a closed type hydraulic circuit. According to the system, the pressure of a working cavity of an executive component is fed back to a variable control mechanism of a pump through a constant-power valve, and the sensitivity, the precision, the vibration resistance stability and the working stability of the control system are improved. By means of the constant-power self-adaptive control system, the rotation speed of a hydraulic motor is automatically adjusted along with change of torque, the system achieves constant-power self-adaptive control, and the power utilization rate and the working timeliness of the executive element are improved.</p>					
22. 105186948		Human body 3d scanning rotating speed self-adaptive control system and control method thereof		CN	23.12.2015
H02P 7/18	201510461580.9		摩多数据 (深圳) 有限公司		冷如锋
<p>The invention discloses a human body 3d scanning rotating speed self-adaptive control system and a control method thereof, a rotating disc motor driving module, a hall speed measuring sensor, a power supply module and a rotating disc motor. The MCU chip is connected with the turntable motor driving module, and the hall speed measuring sensor and the turntable motor are respectively connected with the turntable motor driving module, the hall speed measuring sensor is connected with the MCU chip to form a closed-loop control system; the control method comprises the following steps: presetting a rotating speed preset value of the rotating disc by the MCU chip; the MCU chip sends a command to the turntable motor driving module; the turntable motor rotates at a constant speed at a preset value; the human body stands on the rotating rotating disc which rotates, and the hall speed measuring sensor senses the rotating speed change of the rotating disc; the MCU chip calculates a deviation value according to the feedback signal, and the power of the rotating disc motor is changed; the rotating disc motor driving module controls the power of the rotating disc motor. According to the invention, the corresponding time between the rotating speed change value and the preset value is reduced, so that the influence on the scanning quality caused by the change of the rotation speed of the turntable is avoided.</p>					

Machine translation

Analysis

Sort by: Relevance View Simple List Length 10 Machine translation

Int.Class	Appl.No	Title	Ctr	PubDate
21. 106870485	Hydraulic constant-power self-adaptive control system		CN	20.06.2017
F15B 11/17	102015000913149	SHEN JIUZHU	SHEN JIUZHU	
<p>The invention discloses a hydraulic constant-power self-adaptive control system through a constant-power valve, and the sensitivity, the precision, the vibration resistance stability and the working stability of the control system are improved. By means of the constant-power self-adaptive control system, the rotation speed of a hydraulic motor is automatically adjusted along with change of torque, the system achieves constant-power self-adaptive control, and the power utilization rate and the working timeliness of the executive element are improved.</p>				
22. 105186948	一种人体3D扫描转速自适应控制系统及其控制方法		CN	23.12.2015
H02P 7/18	201510461580.9	摩多数据（深圳）有限公司	冷如锋	
<p>本发明公开了一种人体3D扫描转速自适应控制系统及其控制方法，包括MCU芯片、转盘电机驱动模块、霍尔测速传感器、电源模块及转盘电机，其中，MCU芯片与转盘电机驱动模块连接；霍尔测速传感器及转盘电机分别与转盘电机驱动模块连接，霍尔测速传感器与MCU芯片连接，形成闭环控制系统；控制方法包括以下步骤：MCU芯片预设转盘转速预设值；MCU芯片发送命令至转盘电机驱动模块；转盘电机以预设值匀速旋转；人体站到转动的旋转转盘上；霍尔测速传感器感应转盘转速变化；MCU芯片根据反馈信号算出偏差值，形成转盘电机功率改变量；转盘电机驱动模块控制转盘电机功率。本发明减小了转速变化值到预设值之间的相应时间，避免了转盘因转速变化而影响扫描质量。</p>				

Task breakdown

- Access the PATENTSCOPE search service
- **Retrieve patent documents based on**
 - keywords
 - **classification**
- Analyze the whole set of results according to applicants and inventors
- Examine a specific patent document and its related documents within the results
- Keep the researcher up-to-date on new patent documents

Results

Analysis					
Int.Class	Appi.No	Title	Applicant	Ctr	PubDate
Sort by: Relevance View Simple List Length 10 Machine translation					
1. 101286058		Robot modularized distribution type adaptive control system and method		CN	15.10.2008
G05B 19/418	200810036571.5		Shanghai Jiao Tong University		Cao Qixin
<p>The invention provides a robot modularization distribution typed self-adaptive control system and method, belonging to the technical field of robots. The system comprises an equipment pool module, an equipment management module and an application module; the self-adaptive control method comprises robot system customization, electric control circuit connection, equipment online registration, online query on the equipment in the system by the application module, adjusting the zero offset of the equipment, arranging the initial gesture of the robot, carrying out the programming by a programming control module, memorizing program script files, 3D simulation verification, downloading the program script file of practical robots, and controlling the practical robot to carry out the program script file. The robot modularization distribution typed self-adaptive control system and the method realize the smart customization and integration of the user on the robot functions, realize the self-adaptive connection, configuration and controlling function of the robot modularization system on different function modules, and lead the design and development of the robot to be more convenient and faster.</p>					
2. 106877774		Servo self-adaptive control system and method for supersonic wave motor in input saturation conditions		CN	20.06.2017
H02P 23/04	102017000268740		MINJIANG UNIVERSITY		FU PING
<p>The invention relates to a servo self-adaptive control system and method for a supersonic wave motor in input saturation conditions. The system comprises a pedestal and a supersonic wave motor fixing rack used for fixing the supersonic wave motor, wherein the supersonic wave motor fixing rack is arranged on the pedestal, an output shaft on one side of the supersonic wave motor is connected with a photoelectric encoder, an output shaft on the other side is connected with a flywheel inertia load, the output shaft of the flywheel inertia load is connected with a force moment sensor via a shaft coupling device, and a signal output end of the photoelectric encoder and a signal output part of the force moment sensor are respectively connected to a control system. The control system consists of a backstepping controller and a motor, a whole controller system is built based on backstepping calculation, and therefore good control effects can be obtained. The servo self-adaptive control system and method for the supersonic wave motor in the input saturation conditions put forward in the invention is high in control accuracy, simple and compact in structure and good in using effects.</p>					

Results: Analysis

Analysis

Options Table Graph Options bar pie Line

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
China	2916	G05B	1069	OHIRA TAKASHI	27	SAMSUNG ELECTRONICS CO., LTD.	62	2008	302
Japan	916	H04B	737	Eremin Evgenij Leonidovich (RU)	18	KONINKLIJKE PHILIPS ELECTRONICS N.V.	61	2009	257
Republic of Korea	778	H04L	529	Шеленок Евгений Анатольевич (RU)	16	MATSUSHITA ELECTRIC IND CO LTD	56	2010	235
United States	359	G06F	483	Еремин Евгений Леонидович (RU)	14	삼성전자주식회사	43	2011	326
PCT	302	H04N	384	Еремин Евгений Леонидович (RU)	14	LG ELECTRONICS INC.	37	2012	358
Spain	290	G05D	317	Еремин Евгений Леонидович (RU)	14	FUJITSU LTD	36	2013	406
Mexico	192	H02J	281	MATSUMOTO KEIZO	13	NEC CORP	32	2014	442
European Patent Office	119	H04W	268	Eremin E.L.	12	한국전자통신연구원	29	2015	541
Russian Federation	110	H05B	257	YANG JUN	12	인터디지탈 테크날리지 코포레이션	26	2016	592
Russian Federation (USSR data)	91	H02P	187	LI XI	11	ADVANCED TELECOMMUNICATION RESEARCH INSTITUTE INTERNATIONAL	25	2017	518
Canada	71			ZHAO QIANG	11			2018	21
United Kingdom	38			Еремин Е.Л.	11				
Australia	37								

International Patent Classification (IPC)

The screenshot displays the WIPO International Patent Classification (IPC) search interface. The search term "adaptive control system" is entered in the search box, and the "Search" button is highlighted. The results show the main IPC classes A through H.

Class	Description
A	HUMAN NECESSITIES
B	PERFORMING OPERATIONS; TRANSPORTING
C	CHEMISTRY; METALLURGY
D	TEXTILES; PAPER
E	FIXED CONSTRUCTIONS
F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
G	PHYSICS
H	ELECTRICITY

IPC search

The screenshot displays the WIPO International Patent Classification (IPC) search interface. At the top, the WIPO logo and navigation menu are visible. The search query 'adaptive control system' is entered in the search bar. The results are ordered by relevance, with a list of IPC codes on the left and a list of classification categories on the right. A red box highlights the first ten results in the relevance list.

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adaptive control system

Scheme RCL Compilation Catchwords

IPC Symbol Keypad

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Results

Ordered by relevance:

- B60W 20/00
- G05B 13/00
- G05G 7/12
- B60W 50/04
- B60W 10/18
- B60W 10/20
- B60W 10/22
- G05G 7/10
- F15B 21/06
- G06G 7/66

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A	HUMAN NECESSITIES
B	PERFORMING OPERATIONS; TRANSPORTING
C	CHEMISTRY; METALLURGY
D	TEXTILES; PAPER
E	FIXED CONSTRUCTIONS
F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
G	PHYSICS
H	ELECTRICITY

Classification view

Ordered by relevance:

- B60W 20/00
- G05B 13/00
- G05G 7/12
- B60W 50/04
- B60W 10/18
- B60W 10/20
- B60W 10/22
- G05G 7/10
- F15B 21/06
- G06G 7/66

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IPC PUB v7.1 - 22.05.2017
CPC 05.2017, FI 16.11.2015

B41L 47/64	Selecting text or image to be printed in addressing machines
B60L 15/20	Traction-motor speed of electrically-propelled vehicles
B65H 31/24	Piling articles
B66C 13/48,	
B66C 23/58	Crane drives
B67D 7/14	Dispensing, delivering or transferring liquids
D05B 19/00,	
D05B 21/00	Sewing machines
D05C 5/04	Embroidering machines
D06F 33/00	Operations in washing machines
F02D 27/02,	
F02D 28/00	Combustion engines
F02D 41/26	Supply of combustible mixture or its constituents to combustion engines
F15B 21/02	Fluid-pressure actuator systems
F23N 5/20,	
F23N 5/22	Combustion in combustion apparatus
G01G 19/38	Weighing apparatus
G04C 23/08,	
G04C 23/34	Electromechanical clocks or watches
G06C 21/00	Mechanically operating digital computers
G06F 9/00	Control units for electric digital data processing
G06F 13/10	Peripheral devices for electric digital data processing
G06F 15/00	Electrically operating digital computers
G06G 7/06	Electrically or magnetically operating analogue computers
G09B 7/04,	
G09B 7/08,	
G09B 7/12	Electrically-operated teaching apparatus or devices
H01H 43/00	Electric switches
H01J 37/30	Electron-beam or ion-beam tubes used for localised treatment of objects
H03K 17/296	Electronic switching or gating
H04Q 3/54	Selecting arrangements in electric communication technique

G05B 13/00 **Adaptive control systems, i.e. systems automatically adjusting themselves to have a performance which is optimum according to some preassigned criterion** (G05B 19/00 takes precedence; details of the computer G06F 15/18) [2006.01]

G05B 13/02 • electric [2006.01]

Supervised mode: Query and results



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Results 1-10 of 756 for Criteria:FP:(((EN_Tl:("adaptive control system") OR EN_AB:("adaptive control system") OR EN_CL:("adaptive control system")) OR (DA_Tl:("adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset styresystem"~22 OR "adaptiv styreindretning"~22 OR "adaptivt styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv system til kontrol"~22 OR "tilpasset styringssystem"~22 OR "tilpasset kontrolsystem"~22 OR "adaptivt styringssystem"~22 OR "adaptivt kontrolsystem"~22 OR "adapterbar styringssystem"~22 OR "adapterbar kontrolsystem"~22) OR DA_AB:("adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset styresystem"~22 OR "adaptiv styreindretning"~22 OR "adaptivt styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv system til kontrol"~22 OR "tilpasset styringssystem"~22 OR "tilpasset kontrolsystem"~22 OR "adaptivt styringssystem"~22 OR "adaptivt kontrolsystem"~22 OR "adapterbar styringssystem"~22 OR "adapterbar kontrolsystem"~22) OR DA_CL:("adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset styresystem"~22 OR "adaptiv styreindretning"~22 OR "adaptivt styresystem"~22 OR "adapterbar styresystem"~22 OR "adaptiv system til kontrol"~22 OR "tilpasset styringssystem"~22 OR "tilpasset kontrolsystem"~22 OR "adaptivt styringssystem"~22 OR "adaptivt kontrolsystem"~22 OR "adapterbar styringssystem"~22 OR "adapterbar kontrolsystem"~22)) OR (DE_Tl:("adaptives Steuerungsanordnung" OR "adaptives Regulierungssystem" OR "Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR "anpassungsfähiges Regelsystem" OR "adaptives Regelungssystem" OR "lernendes Steuerungssystem" OR "anpassungsfähiges Steuersystem") OR DE_AB:("adaptives Steuerungsanordnung" OR "adaptives Regulierungssystem" OR "Adaptivsteuerung" OR "adaptives Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR

Supervised mode: Query and results

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Advanced Search
Field Combination
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"adaptiv styresystem"~22 OR "adaptiv styringssystem"~22 OR "adaptiv kontrolsystem"~22 OR "tilpasset
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kontrolsystem"~22 OR "adapterbar styringssystem"~22 OR "adapterbar kontrolsystem"~22)) OR (DE_TI:(
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"Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR
"selbststeuerndes System" OR "anpassungsfähiges Regelsystem" OR "adaptives Regelungssystem" OR "lernendes Steuerungssystem" OR
"anpassungsfähiges Steuersystem") OR DE_AB:(
"adaptives Steuerungsanordnung" OR "adaptives Regulierungssystem" OR
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"Anpassungsfähiges Steuersystem" OR "adaptives Steuersystem" OR "Selbststeuerndes System" OR "selbststeuerndes System" OR
"anpassungsfähiges Regelsystem" OR "adaptives Regelungssystem" OR "lernendes Steuerungssystem" OR "anpassungsfähiges
"anpassungsfähiges Steuersystem") OR DE_CL:(
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Steuerungssystem" OR "Adaptives Steuerungssystem" OR "Adaptivsteuerungssystem" OR "Anpassungsfähiges Steuersystem" OR
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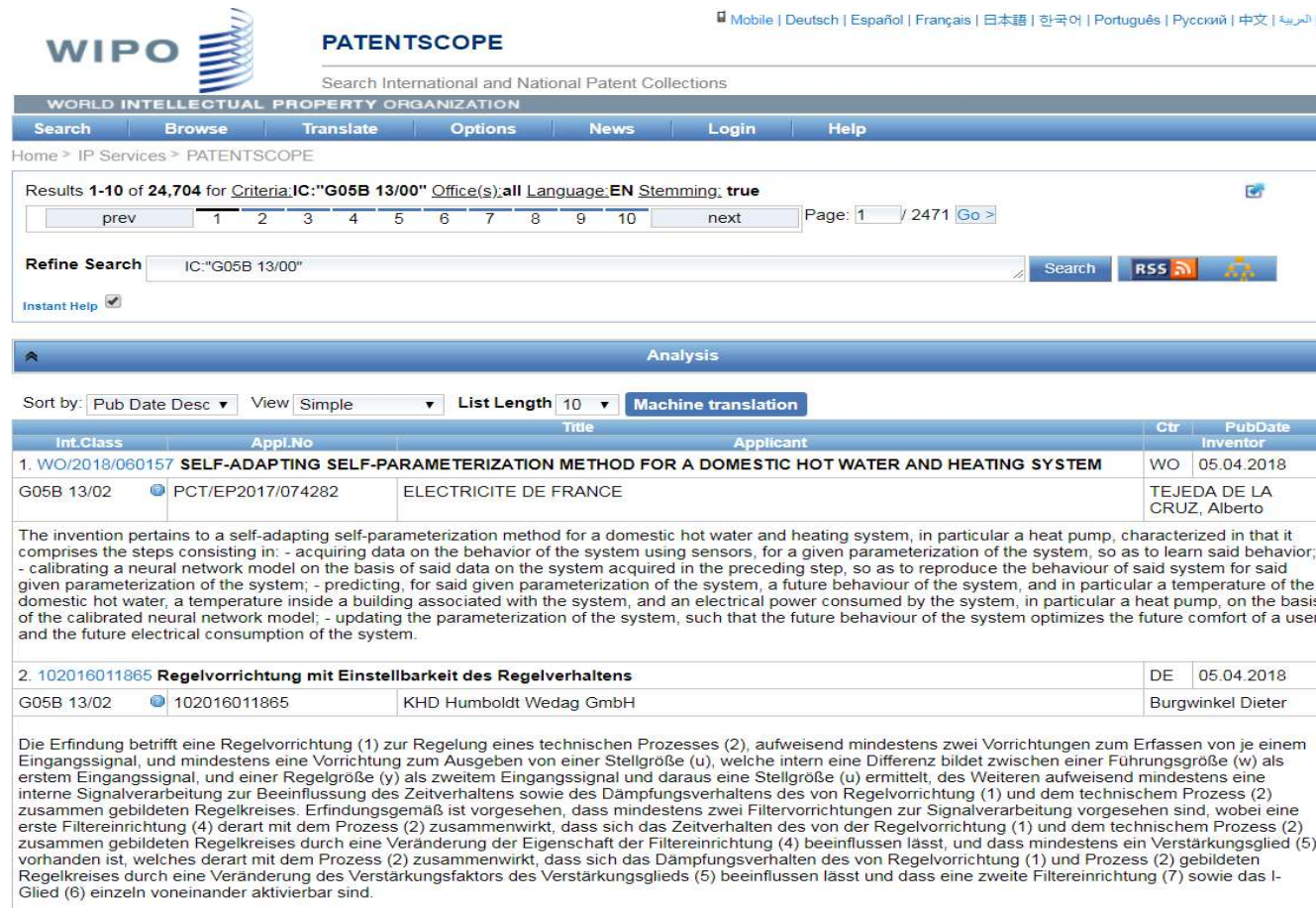
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Int. Classification(IPC) ▼ Office: All

 [New Chemical Structure Search functionality](#)

 PCT Publication 14/2018 (2018/04/05) is now available. The next publication date is scheduled as follows: Gazette number 15/2018 (2018/04/12). [More](#)

Simple search: Query and results



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Results 1-10 of 24,704 for Criteria:IC:"G05B 13/00" Office(s):all Language:EN Stemming: true

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Refine Search IC:"G05B 13/00" Search RSS

Instant Help

Analysis

Sort by: Pub Date Desc View Simple List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2018/060157		SELF-ADAPTING SELF-PARAMETERIZATION METHOD FOR A DOMESTIC HOT WATER AND HEATING SYSTEM		WO	05.04.2018
G05B 13/02	PCT/EP2017/074282	ELECTRICITE DE FRANCE			TEJEDA DE LA CRUZ, Alberto
The invention pertains to a self-adapting self-parameterization method for a domestic hot water and heating system, in particular a heat pump, characterized in that it comprises the steps consisting in: - acquiring data on the behavior of the system using sensors, for a given parameterization of the system, so as to learn said behavior; - calibrating a neural network model on the basis of said data on the system acquired in the preceding step, so as to reproduce the behaviour of said system for said given parameterization of the system; - predicting, for said given parameterization of the system, a future behaviour of the system, and in particular a temperature of the domestic hot water, a temperature inside a building associated with the system, and an electrical power consumed by the system, in particular a heat pump, on the basis of the calibrated neural network model; - updating the parameterization of the system, such that the future behaviour of the system optimizes the future comfort of a user and the future electrical consumption of the system.					
2. 102016011865		Regelvorrichtung mit Einstellbarkeit des Regelverhaltens		DE	05.04.2018
G05B 13/02	102016011865	KHD Humboldt Wedag GmbH			Burgwinkel Dieter
Die Erfindung betrifft eine Regelvorrichtung (1) zur Regelung eines technischen Prozesses (2), aufweisend mindestens zwei Vorrichtungen zum Erfassen von je einem Eingangssignal, und mindestens eine Vorrichtung zum Ausgeben von einer Stellgröße (u), welche intern eine Differenz bildet zwischen einer Führungsgröße (w) als erstem Eingangssignal, und einer Regelgröße (y) als zweitem Eingangssignal, und daraus eine Stellgröße (u) ermittelt, des Weiteren aufweisend mindestens eine interne Signalverarbeitung zur Beeinflussung des Zeitverhaltens sowie des Dämpfungsverhaltens des von Regelvorrichtung (1) und dem technischen Prozess (2) zusammen gebildeten Regelkreises. Erfindungsgemäß ist vorgesehen, dass mindestens zwei Filtervorrichtungen zur Signalverarbeitung vorgesehen sind, wobei eine erste Filtereinrichtung (4) derart mit dem Prozess (2) zusammenwirkt, dass sich das Zeitverhalten des von der Regelvorrichtung (1) und dem technischen Prozess (2) zusammen gebildeten Regelkreises durch eine Veränderung der Eigenschaft der Filtereinrichtung (4) beeinflussen lässt, und dass mindestens ein Verstärkungsglied (5) vorhanden ist, welches derart mit dem Prozess (2) zusammenwirkt, dass sich das Dämpfungsverhalten des von Regelvorrichtung (1) und Prozess (2) gebildeten Regelkreises durch eine Veränderung des Verstärkungsfaktors des Verstärkungsglieds (5) beeinflussen lässt und dass eine zweite Filtereinrichtung (7) sowie das 1-Glied (6) einzeln voneinander aktivierbar sind.					

Scenario: A twist

- The researcher contacts you again: She tells you that she is actually most interested in adaptive control systems adapted for the oil industry.

Classification: G05B 13/00

→	—	G05B 13/00	Adaptive control systems , i.e. systems automatically adjusting themselves to have a performance which is optimum according to some preassigned criterion (G05B 19/00 takes precedence; details of the computer G06F 15/18) [2006.01]
→	—	G05B 13/02	• electric [2006.01]
→		G05B 13/04	• • involving the use of models or simulators [2006.01]

→ No classification available for “Adaptive control systems ... oil industry”


Task breakdown

- Access the PATENTSCOPE search service
- **Retrieve patent documents based on**
 - keywords
 - classification
 - **keywords and classification**
- Analyze the whole set of results according to applicants and inventors
- Examine a specific patent document and its related documents within the results
- Keep the researcher up-to-date on new patent documents

Simple search: Query and results

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Interfaces: Field combination

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Field Combination

Front Page	=	<input type="text"/>	?
AND WIPO Publication Number	=	<input type="text"/>	?
AND Application Number	=	<input type="text"/>	?
AND Publication Date	=	<input type="text"/>	?
AND English Title	=	<input type="text"/>	?
AND English Abstract	=	<input type="text"/>	?
AND Applicant Name	=	<input type="text"/>	?
AND International Class	=	<input type="text"/>	?
AND Inventor Name	=	<input type="text"/>	?
AND Office Code	=	<input type="text"/>	?
AND English Description	=	<input type="text"/>	?
AND English Claims	=	<input type="text"/>	?
AND Licensing availability	=	<input type="checkbox"/>	
AND Inventor Name	Is Empty:	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No	

Language: English Stem: Office: All Specify ⇔

(+) Add another search field | (-) Reset search fields Tooltip Help

Field combination: Query

The screenshot displays the WIPO PATENTSCOPE search interface. At the top, the WIPO logo and 'PATENTSCOPE' text are visible, along with a language menu. Below the header is a navigation bar with options like 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. The main content area is titled 'Field Combination' and contains a list of search fields with dropdown menus for logical operators (AND) and search terms. Two rows are highlighted with red boxes: 'English Abstract' with the term 'oil' and 'International Class' with the term 'G05B 13/00'. At the bottom, there are filters for 'Language' (English), 'Stem' (checked), and 'Office' (All). A 'Search' button is highlighted with a red box, and a '123 results' indicator is also highlighted. A 'reset' button is visible next to the search button.

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Field Combination


Front Page	=	
AND WIPO Publication Number	=	
AND Application Number	=	
AND Publication Date	=	
AND English Title	=	
AND English Abstract	=	oil
AND International Class	=	"G05B 13/00"
AND Inventor Name	=	
AND Office Code	=	
AND English Description	=	
AND English Claims	=	
AND Licensing availability	=	
AND Inventor Name	Is Empty:	<input type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No

Language English Stem: Office: All Specify

123 results Search reset

(+) Add another search field | (-) Reset search fields Tooltip Help

Field combination: Query and results



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Results 1-10 of 123 for Criteria:EN_AB:oil AND IC:("G05B 13/00") Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 1 / 13 Go >

Refine Search EN_AB:oil AND IC:("G05B 13/00") Search RSS

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Analysis

Sort by: Relevance View: Simple List Length: 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 08805587		Method for optimizing and controlling pressure in gas-oil separation plants		US	12.08.2014
G05B 13/00	14072775		King Fahd University of Petroleum and Minerals		Elshafei Moustafa Elshafei Ahmed
<p>The method for optimizing and controlling pressure in gas-oil separation plants utilizes a genetic algorithm-based control method for controlling pressure in each stage of a multi-stage gas-oil separation plant to optimize oil production parameters. A neural network simulation model is used with an optimization procedure to provide on-line operation optimization of the multi-stage gas-oil separation plant. Pressure set points of each stage are automatically and continuously adjusted in the presence of fluctuating ambient temperatures and production rates to ensure optimal oil recovery and optimal quality of the produced oil.</p>					
2. 3653842		COMPUTER CONTROL SYSTEM FOR REFINING AND HYDROGENATION OF UNSATURATED HYDROCARBONS		US	04.04.1972
B01J 19/00	3653842D		WESTINGHOUSE ELECTRIC CORP.		PUTMAN RICHARD E
<p>Described is a control system for a refining hydrogenation and deodorizing plant for edible oils and the like wherein various system variables are converted into signals which are fed to a computer which controls the system to optimize performance and reduce oil losses.</p>					

Field combination: Query and results

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Interfaces: Advanced search

The screenshot shows the WIPO PATENTSCOPE website interface. At the top left is the WIPO logo, and to its right is the text "PATENTSCOPE" and "Search International and National Patent Collections". A language menu is visible at the top right with options: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية. Below this is a navigation bar with buttons for Search, Browse, Translate, Options, News, Login, and Help. The breadcrumb trail reads "Home > IP Services > PATENTSCOPE". The main section is titled "Advanced Search" and contains a search form. The "Search For:" field contains the query "EN_AB:oil AND IC:("G05B 13/00")". Below the search field are options for "Language:" (English), "Stem:" (checked), and "Office:" (All). At the bottom right of the form are "Search" and "Reset" buttons. A "Tooltip Help" link is located at the bottom left of the form area.

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Advanced Search

Search For: EN_AB:oil AND IC:("G05B 13/00")

Language: English Stem: Office: All Specify ⇨

Search Reset

Tooltip Help

Advanced search interface: Field codes

- International classification → IC:(...)
- English title → EN_TI:(...)
- English abstract → EN_AB:(...)
- English claims → EN_CL:(...)

Advanced search interface: Field codes (Help)

The screenshot shows the WIPO PATENTSCOPE advanced search interface. At the top left is the WIPO logo and the text 'PATENTSCOPE' and 'Search International and National Patent Collections'. A language selection bar at the top right includes 'Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية'. A navigation bar contains 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. The 'Help' menu is open, listing items like 'How to Search', 'Data Coverage', 'FAQ', 'Feedback&Contact', 'INID codes', 'Kind codes', 'Tutorials', and 'About'. A sub-menu for 'How to Search' is also open, listing 'User Guide PATENTSCOPE', 'User Guide: Cross Lingual Expansion', 'User Guide: ChemSearch', 'Query Syntax', 'Fields Definition', and 'Country Code'. The 'Fields Definition' option is highlighted with a red box. The main search area shows a search query 'EN_AB:oil AND IC:("G05B 13/00")', language set to 'English', and a 'Search' button.

Concepts and synonyms

■ oil: petroleum


→ oil OR petroleum

→ EN_TI:(oil OR petroleum) OR EN_AB:(oil OR petroleum)
OR EN_CL:(oil OR petroleum)

Query

→ IC:("G05B 13/00") AND (EN_TI:(oil OR petroleum) OR
EN_AB:(oil OR petroleum) OR EN_CL:(oil OR
petroleum))

Advanced search: Query

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Tooltip Help 

Advanced search: Query and results



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Results 1-10 of 263 for Criteria: IC:("G05B 13/00") AND (EN_TI:(oil OR petroleum) OR EN_AB:(oil OR petroleum) OR EN_CL:(oil OR petroleum))
 Office(s):all Language:EN Stemming: true

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Refine Search IC:("G05B 13/00") AND (EN_TI:(oil OR petroleum) OR EN_AB:(oil OR petroleum) OR EN_CL:(oil OR petroleum))

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Analysis

Sort by: Relevance | View: Simple | List Length: 10 | [Machine translation](#)

Int.Class	Appl.No	Title	Ctr	PubDate
		Control of fluid catalytic cracking process for minimizing additive usage in the desulfurization of petroleum feedstocks	US	16.09.2010
C10G 11/18	12785647	Saeed Saad Al-Alloush	Saeed Saad Al-Alloush	

A method and apparatus for the cracking of a petroleum oil feedstock to produce a desulfurized full-range gasoline product. The petroleum oil feedstock is contacted with a base cracking catalyst and an FCC additive in an FCC unit, wherein the catalyst includes a stable Y-type zeolite and a rare-earth metal oxide and the additive includes a shape selective zeolite. The catalyst, additive and petroleum oil feedstock can be contacted in a down-flow or riser fluid catalytic cracking unit, that can also include a regeneration zone, a separation zone, and a stripping zone. The FCC unit includes an integrated control and monitoring system that monitors at least one parameter selected from FCC operating parameters, feed rate, feedstock properties, and product stream properties, and adjusts at least one parameter in response to the measured parameter to increase production of desulfurized products.

Task breakdown

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- Keep the researcher up-to-date on new patent documents

Results

Analysis

Sort by: Relevance View Simple List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 20100230324		Control of fluid catalytic cracking process for minimizing additive usage in the desulfurization of petroleum feedstocks		US	16.09.2010
C10G 11/18	12785647	Saeed Saad Al-Alloush		Saeed Saad Al-Alloush	
<p>A method and apparatus for the cracking of a petroleum oil feedstock to produce a desulfurized full-range gasoline product. The petroleum oil feedstock is contacted with a base cracking catalyst and an FCC additive in an FCC unit, wherein the catalyst includes a stable Y-type zeolite and a rare-earth metal oxide and the additive includes a shape selective zeolite. The catalyst, additive and petroleum oil feedstock can be contacted in a down-flow or riser fluid catalytic cracking unit, that can also include a regeneration zone, a separation zone, and a stripping zone. The FCC unit includes an integrated control and monitoring system that monitors at least one parameter selected from FCC operating parameters, feed rate, feedstock properties, and product stream properties, and adjusts at least one parameter in response to the measured parameter to increase production of desulfurized products.</p>					
2. 6236894		Petroleum production optimization utilizing adaptive network and genetic algorithm techniques		US	22.05.2001
G05B 13/02	08994975	Atlantic Richfield Company		Stoisits, Richard F.	
<p>A computer system and method of operating the same to optimize the operating conditions of a petroleum production field, in which a plurality of wells are arranged according to drill sites, and connected to one or more central processing facilities, is disclosed. In this disclosed embodiment, gas compression capacity is a significant constraint on the operation of the complex production field, and surface line hydraulic effects of well production are to be considered in the optimization. A genetic algorithm is used to generate, and iteratively evaluate solution vectors, which are combinations of field operating parameters such as incremental gas-oil ratio cutoff and formation gas-oil ratio cutoff values. The evaluation includes the operation of an adaptive network to determine production header pressures, followed by modification of well output estimates to account for changes in the production header pressure. Convergence of the genetic algorithm identifies one of the solution vectors as containing an optimal combination of field operating parameters that may be used by production personnel to set the operating conditions of the field.</p>					

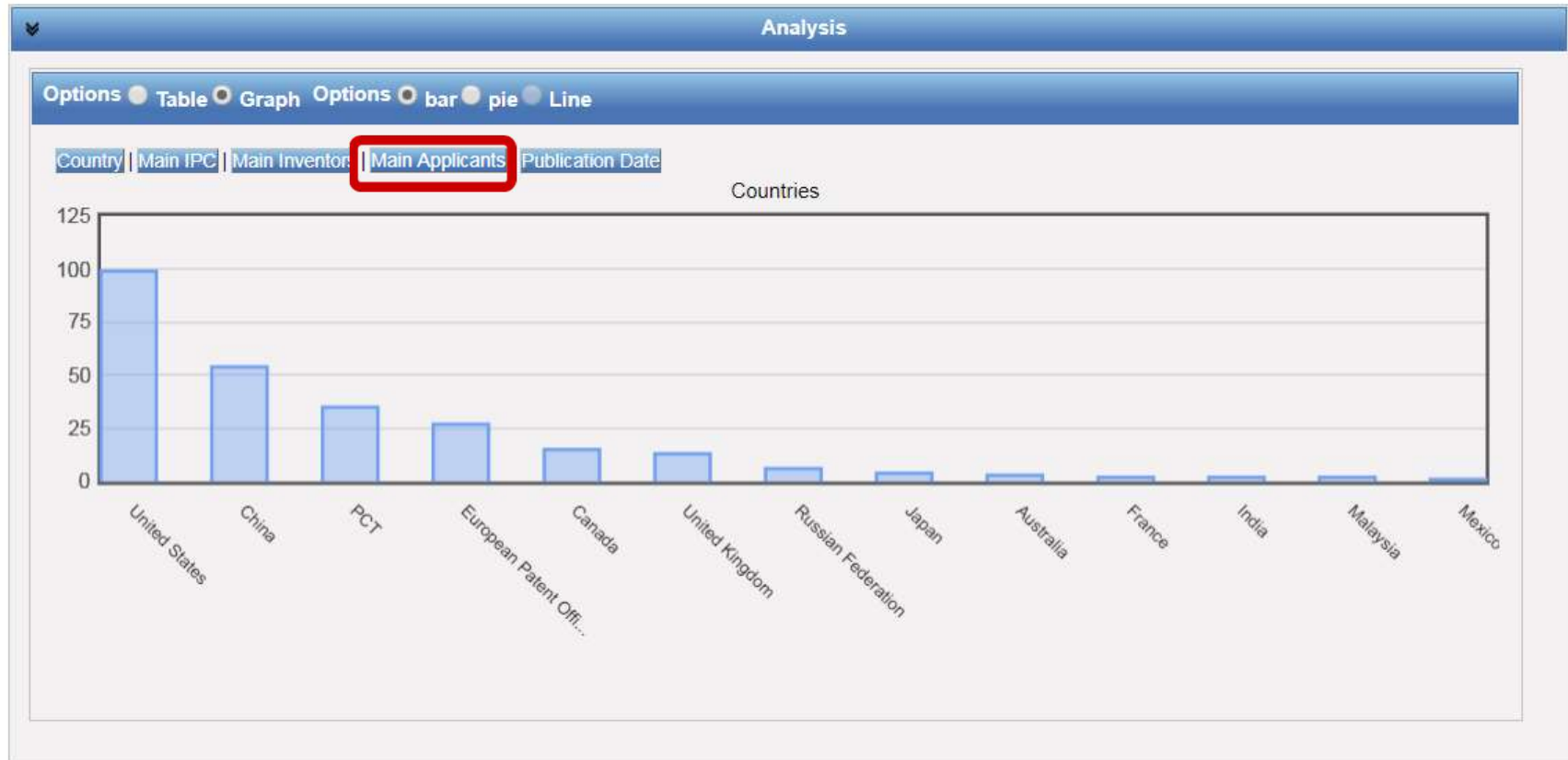
Results: Analysis

Analysis

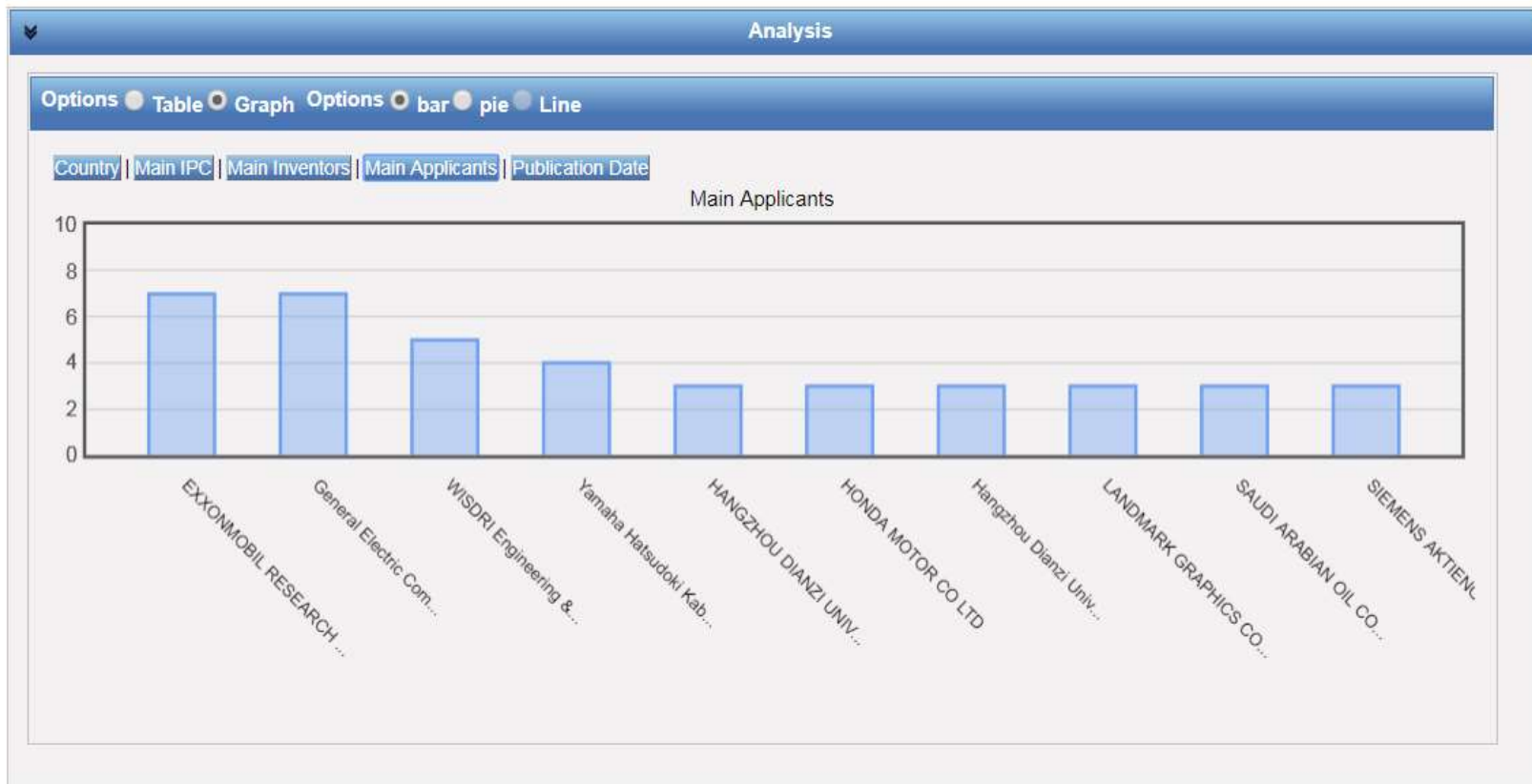
Options Table Graph bar pie Line

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
United States	99	G05B	263	Zhang Huajun	5	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	7	2008	14
China	54	G06F	54	Cai Wei	4	General Electric Company	7	2009	8
PCT	35	G05D	32	Chen Fangyuan	4	WISDRI Engineering & Research Incorporation Limited Company	5	2010	15
European Patent Office	27	G06N	24	Chu Xuezheng	4	Yamaha Hatsudoki Kabushiki Kaisha	4	2011	7
Canada	15	E21B	23	Wei Qiang	4	HANGZHOU DIANZI UNIVERSITY	3	2012	19
United Kingdom	13	F02D	20	Zhou Dengke	4	HONDA MOTOR CO LTD	3	2013	14
Russian Federation	6	G06Q	12	Hsiung Chang-Meng B.	3	Hangzhou Dianzi University	3	2014	19
Japan	4	C10G	11	Munoz Bethsabeth	3	LANDMARK GRAPHICS CORPORATION	3	2015	10
Australia	3	E02F	9	Roy Ajoy Kumar	3	SAUDI ARABIAN OIL COMPANY	3	2016	24
France	2	B01J	8	Steinthal Michael Gregory	3	SIEMENS AKTIENGESELLSCHAFT	3	2017	21
India	2							2018	4
Malaysia	2								
Mexico	1								

Results: Analysis



Results: Analysis




Task breakdown

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- Keep the researcher up-to-date on new patent documents

Results

4. WO/2010/151668	TOOLS FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS	WO	29.12.2010
G05B 13/00	PCT/US2010/039821	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	BALASUBRAMANIAN, Jayanth
<p>A tool to assist decision-making in the logistics of bulk product transportation. For example, the tool may be used to solve a problem involving the transportation and the inventory management of crude oil, in which the transportation of crude oil between supply ports and discharge ports are performed by a fleet of ships. The tool is capable of handling a typical petroleum product transportation problem, which can be quite complex. The tool uses advanced modeling and optimization technology to find a solution (either optimal or near optimal) for the allocation of bulk products, vehicle routing, vehicle scheduling, and/or bulk product blending operations.</p>			
5. PI 2011005835	TOOL FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS	MY	24.12.2010
G05B 13/00	PI 2011005835	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	BALASUBRAMANIAN, JAYANTH
<p>A TOOL TO ASSIST DECISION-MAKING IN THE LOGISTICS OF BULK PRODUCT TRANSPORTATION. FOR EXAMPLE, THE TOOL MAY BE USED TO SOLVE A PROBLEM INVOLVING THE TRANSPORTATION AND THE INVENTORY MANAGEMENT OF CRUDE OIL, IN WHICH THE TRANSPORTATION OF CRUDE OIL BETWEEN SUPPLY PORTS AND DISCHARGE PORTS ARE PERFORMED BY A FLEET OF SHIPS. THE TOOL IS CAPABLE OF HANDLING A TYPICAL PETROLEUM PRODUCT TRANSPORTATION PROBLEM, WHICH CAN BE QUITE COMPLEX. THE TOOL USES ADVANCED MODELING AND OPTIMIZATION TECHNOLOGY TO FIND A SOLUTION (EITHER OPTIMAL OR NEAR OPTIMAL) FOR THE ALLOCATION OF BULK PRODUCTS, VEHICLE ROUTING, VEHICLE SCHEDULING, AND/OR BULK PRODUCT BLENDING OPERATIONS.</p>			
6. 8707/CHENP/2011	TOOL FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS	IN	22.03.2013
G05B 13/00	8707/CHENP/2011	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	JAYANTH BALASUBRAMANIAN
<p>A tool to assist decision-making in the logistics of bulk product transportation. For example, the tool may be used to solve a problem involving the transportation and the inventory management of crude oil, in which the transportation of crude oil between supply ports and discharge ports are performed by a fleet of ships. The tool is capable of handling a typical petroleum product transportation problem, which can be quite complex. The tool uses advanced modeling and optimization technology to find a solution (either optimal or near optimal) for the allocation of bulk products, vehicle routing, vehicle scheduling, and/or bulk product blending operations.</p>			
7. 2010266073	Tools for assisting in petroleum product transportation logistics	AU	19.01.2012
G05B 13/00	2010266073	ExxonMobil Research and Engineering Company	
<p>A tool to assist decision-making in the logistics of bulk product transportation. For example, the tool may be used to solve a problem involving the transportation and the inventory management of crude oil, in which the transportation of crude oil between supply ports and discharge ports are performed by a fleet of ships. The tool is capable of handling a typical petroleum product transportation problem, which can be quite complex. The tool uses advanced modeling and optimization technology to find a solution (either optimal or near optimal) for the allocation of bulk products, vehicle routing, vehicle scheduling, and/or bulk product blending operations.</p>			

Record

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4. (WO2010151668) TOOLS FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS

PCT Biblio. Data Description Claims National Phase Notices Drawings **Documents**

Latest bibliographic data on file with the International Bureau PermaLink

Pub. No.: WO/2010/151668 **International Application No.:** PCT/US2010/039821
Publication Date: 29.12.2010 **International Filing Date:** 24.06.2010

IPC: **G05B 13/00** (2006.01)

Applicants: **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East P.O. Box 900 Annandale, NJ 08801-0900 (US) (For All Designated States Except US).
BALASUBRAMANIAN, Jayanth [IN/US]; (US) (For US Only).
SAWAYA, Nicolas [CA/US]; (US) (For US Only).
FURMAN, Kevin, C. [US/US]; (US) (For US Only).
KOCIS, Gary, R. [US/US]; (US) (For US Only).
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MCDONALD, Michael, K. [US/US]; (US) (For US Only).
SONG, Jin-Hwa [KR/US]; (US) (For US Only).
WARRICK, Philip, H. [US/US]; (US) (For US Only)


Inventors: **BALASUBRAMANIAN, Jayanth**; (US).
SAWAYA, Nicolas; (US).
FURMAN, Kevin, C.; (US).
KOCIS, Gary, R.; (US).
MARGOLIES, Michael, F.; (US).
MIRANDA, Merryll, J.; (US).
MCDONALD, Michael, K.; (US).
SONG, Jin-Hwa; (US).
WARRICK, Philip, H.; (US)

Agent: **BAKUN, Estelle, C.**; EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 1545 Route 22 East, P.O. Box 900 Annandale, NJ 08801-0900 (US)

Priority Data: 61/220,159 24.06.2009 US

Title **(EN) TOOLS FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS**

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4. (WO2010151668) TOOLS FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS

PCT Biblio. Data	Description	Claims	National Phase	Notices	Drawings	Documents
International Application Status						
Date	Title	View			Download	
11.04.2018	International Application Status Report	HTML, PDF, XML			PDF, XML	
Published International Application						
Date	Title	View			Download	
29.12.2010	Initial Publication with ISR (A1 52/2010)	PDF (85p.)			PDF (85p.), ZIP(XML + TIFFs)	
Search and Examination-Related Documents						
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04.01.2012	(IB/373) International Preliminary Report on Patentability Chapter I	PDF (9p.)			PDF (9p.), ZIP(XML + TIFFs)	
24.12.2011	(ISA/237) Written Opinion of the International Search Authority	PDF (8p.)			PDF (8p.), ZIP(XML + TIFFs)	
29.12.2010	(ISA/210) International Search Report	PDF (2p.)			PDF (2p.), ZIP(XML + TIFFs)	
Related Documents on file at the International Bureau						
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04.01.2012	(IB/326) Notification of Transmittal of Copies of International Preliminary Report on Patentability Chapter I	PDF (1p.)			PDF (1p.), ZIP(XML + TIFFs)	
18.10.2011	(IB/308) Notice Informing the Applicant of the Communication of the International Application to the Designated Offices	PDF (1p.)			PDF (1p.), ZIP(XML + TIFFs)	

Documents: Application, search report

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(21) International Application Number:
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(74) Agents: **BAKUN, Estelle, C.** et al.; EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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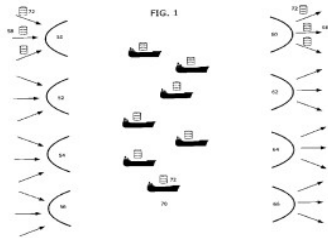
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[Continued on next page]

(54) Title: TOOLS FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS



(57) Abstract: A tool to assist decision-making in the logistics of bulk product transportation. For example, the tool may be used to solve a problem involving the transportation and the inventory management of crude oil, in which the transportation of crude oil between supply ports and discharge ports are performed by a fleet of ships. The tool is capable of handling a typical petroleum product transportation problem, which can be quite complex. The tool uses advanced modeling and optimization technology to find a solution (either optimal or near optimal) for the allocation of bulk products, vehicle routing, vehicle scheduling, and/or bulk product blending operations.

WO 2010/151668 A1

PCT/US2010/039821 16.08.2010

INTERNATIONAL SEARCH REPORT


International application No.
PCT/US2010/039821

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(B) - G05B 13/00 (2010.01) USPC - 705/8 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC(B) - G05B 13/00, 13/04, 19/418 (2010.01) USPC - 705/8, 7, 700/28, 29, 31, 33, 34, 36		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
MicroPatent		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2008/0294484 A1 (FURMAN et al) 27 November 2008 (27.11.2008) entire document	1-28
Y	US 2007/0260333 A1 (PEUREUX et al) 08 November 2007 (08.11.2007) entire document	1-28
A	US 2008/0127654 A1 (DARLING et al) 05 June 2008 (05.06.2008) entire document	1-28
A	US 2002/0087371 A1 (ABENDROTH) 04 July 2002 (04.07.2002) entire document	1-28

Scenario

- The researcher is interested in this invention and would like to know whether she can freely exploit this technology.

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PCT Biblio. Data Description Claim **National Phase** Notices Drawings Documents

Latest bibliographic data on file with the International Bureau PermaLink

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IPC: **G05B 13/00** (2006.01)

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KOCIS, Gary, R.; (US).
MARGOLIES, Michael, F.; (US).
MIRANDA, Merryl, J.; (US).
MCDONALD, Michael, K.; (US).
SONG, Jin-Hwa; (US).
WARRICK, Philip, H.; (US)

Agent: **BAKUN, Estelle, C.**; EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 1545 Route 22 East, P.O. Box 900 Annandale, NJ 08801-0900 (US)

Priority Data: 61/220,159 24.06.2009 US

Title **(EN) TOOLS FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS**

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Office	Entry Date	National Number	National Status
Japan	22.12.2011	2012517728	
Canada	23.11.2011	2763196	
Australia	21.12.2011	2010266073	Published: 19.01.2012
China	24.06.2010	201080027818.2	
European Patent Office	19.01.2012	2010792663	Published: 02.05.2012 Withdrawn: 08.12.2015
India	24.11.2011	8707/CHENP/2011	

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India	24.11.2011	8707/CHENP/2011	

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SMART LIQUID FUEL SYSTEM WITH ABILITY TO SELF-DIAGNOSTICS

Thursday, March 22, 2018, 7:00 AM

A system 50 for predicting performance of a liquid fuel system includes a processor 58 and a memory 60 communicatively coupled to the processor, wherein the memory stores instructions which when executed by the processor perform operations. The operations include establishing a baseline parameter for at least one physical parameter of a nozzle or a valve associated with at least one combustor of the liquid fuel system 16 with at least one time. The operations also include obtaining one or more operational parameters associated with the liquid fuel system from one or more sensors 62 during operation of a gas turbine engine 22. The operations further include utilizing an operational model of a fuel flow divider to output an action associated with the liquid fuel system based at least on the baseline parameter and the one or more operational parameters.

METHOD FOR CONTROLLING COOLING SYSTEM OF OIL-FILLED POWER TRANSFORMER

Friday, March 16, 2018, 7:00 AM

FIELD: control systems. SUBSTANCE: invention relates to control systems that automatically selects the optimum operating mode. Method for controlling the cooling system of an oil-filled transformer with a frequency-controlled drive of oil and air coolers comprises the following. On the basis of thermohydraulic models of the transformer, an array of possible modes of the transformer and the corresponding array of cooling modes are formed. During operation, currents in the transformer windings and environmental parameters are measured and the transformer mode sub-array corresponding to the measured currents is selected, and for each selected mode of the transformer, a sub-array of cooling modes corresponding to the measured environmental parameters. For each selected cooling mode, the total electric power consumption for cooling and for losses in the transformer is calculated, and the cooling mode minimising said consumption is set, keeping the temperature of the most heated point within the permissible limits. EFFECT: technical result of the invention is to reduce the total energy consumption for cooling the transformer and for losses therein. 5 cl, 1 dwg

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 - Field combination
 - Advanced search
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- Results analysis
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tisc@wipo.int