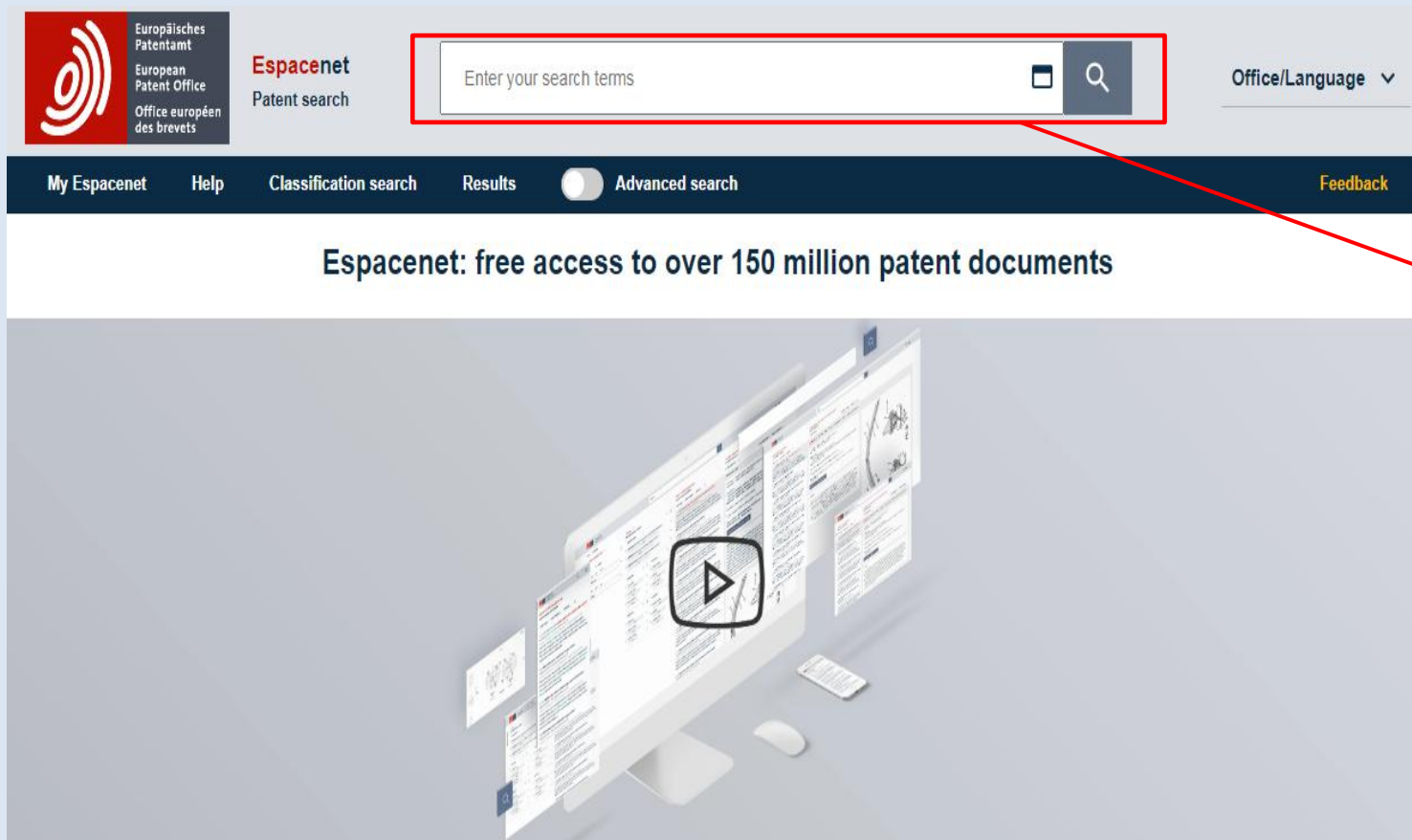


Поисковая система Esrasenet Преимущества новой версии

Начальная страница

Сайт ЕПВ: <http://www.epo.org>

БД Espacenet <http://worldwide.espacenet.com>

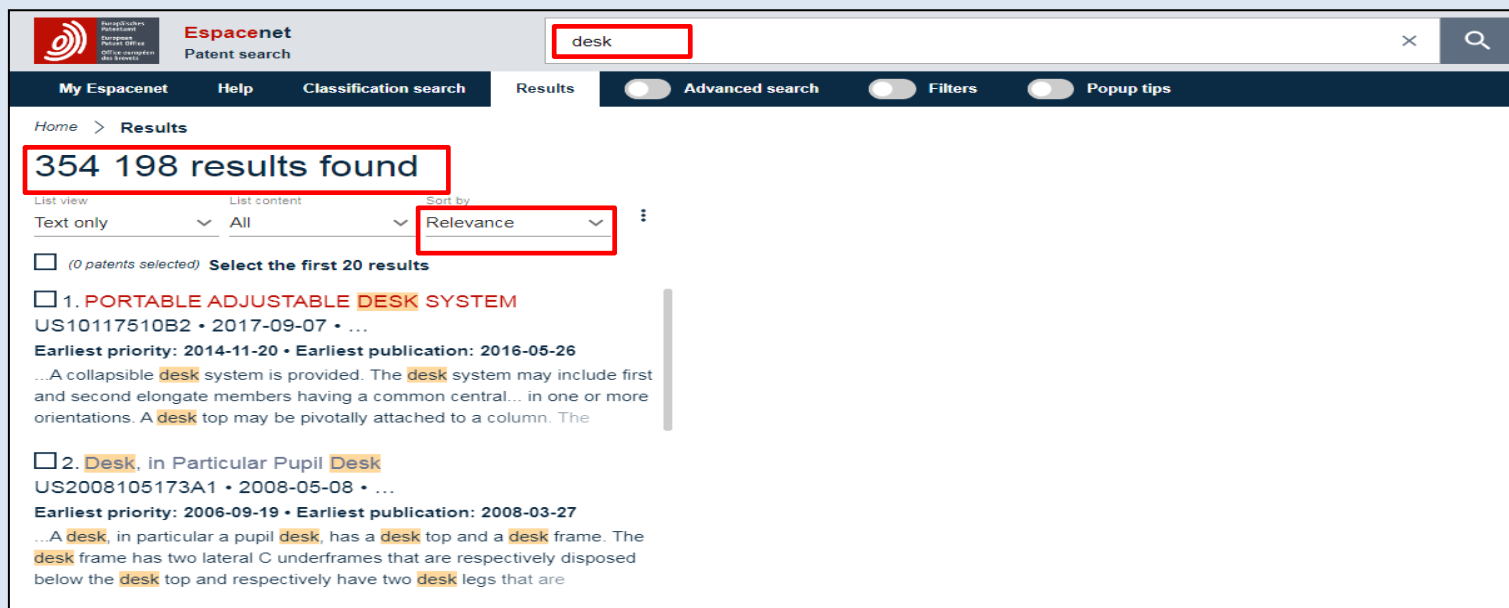


The screenshot shows the top navigation bar of the Espacenet website. On the left, there are logos for the European Patent Office in German, English, and French. The main navigation area includes a search bar with the placeholder text "Enter your search terms", a search icon, and a dropdown menu for "Office/Language". Below the search bar is a dark navigation bar with links for "My Espacenet", "Help", "Classification search", "Results", "Advanced search" (with a toggle switch), and "Feedback". The main content area features the headline "Espacenet: free access to over 150 million patent documents" and a large image of a computer monitor displaying patent search results, with a play button icon overlaid on the screen.

“Smart search”
(разумный поиск)

Запросы и результаты

- Окно Smart search представлено постоянно, т.е. запрос можно постоянно дополнять / менять
- В запросе можно использовать до 500 терминов (вместо 10 в старой версии)
- Поиск проводится во всех массивах документов одновременно
- Всегда показывается ТОЧНОЕ число полученных результатов
- В списке результатов представляется для просмотра до 2000 документов
- Документы в списке результатов сортируются по релевантности по умолчанию (можно по дате публикации или по дате приоритета)



The screenshot displays the Espacenet Patent search interface. At the top, the search bar contains the term "desk". Below the search bar, the navigation menu includes "My Espacenet", "Help", "Classification search", "Results", "Advanced search", "Filters", and "Popup tips". The main content area shows "Home > Results" and "354 198 results found". Below this, there are options for "List view" (Text only), "List content" (All), and "Sort by" (Relevance). A checkbox indicates "(0 patents selected) Select the first 20 results". The first result is "1. PORTABLE ADJUSTABLE DESK SYSTEM" with patent number US10117510B2, dated 2017-09-07. The earliest priority is 2014-11-20 and the earliest publication is 2016-05-26. The second result is "2. Desk, in Particular Pupil Desk" with patent number US2008105173A1, dated 2008-05-08. The earliest priority is 2006-09-19 and the earliest publication is 2008-03-27.

Список результатов и открытый документ представляются на одной странице. Легко переходить к разным документам списка, легко менять ширину окна и списка, и документа

Espacenet
Patent search

Office/Language ▾

My Espacenet Help Classification search
Report data error Feedback

Home > Results > WO2017144053A1

568 214 results found

List view: Text only ▾ List content: All ▾ Sort by: Relevance ▾

(1 patent selected) **Select the first 20 results**

CA2634763A1 • 2007-07-12 • REXORCE THERMIONICS INC...
Earliest priority: 2005-12-29 • Earliest publication: 2007-0...
 ... A high efficiency thermodynamic power conversion cycle is disclosed using thermal storage, atmospheric heat ex-changers, and **wind** channeling in a synergistic method. Using the preferred

2. SYSTEM FOR OBTAINING USEFUL ENERGY FROM SO
 WO2017144053A1 • 2017-08-31 • VAISÄNEN RAIMO [DE]
Earliest priority: 2016-02-24 • Earliest publication: 2017-0...
 ... total energy yield with substantially the same size in the case of a system for obtaining useful energy from **solar** energy. This aim is achieved in that at least one **wind** force module having a **wind** force

3. Anlage zur Gewinnung von Nutzenergie aus Sonnen- un...
 DE102016103239A1 • 2017-08-24 • DIECKERHOFF INGO G...
Earliest priority: 2016-02-24 • Earliest publication: 2017-0...
 ... außerdem eine erhöhte Gesamtenergieausbeute bei im wesentlichen gleicher Baugröße zu ermöglichen, ist vorgesehen, dass einem flächigen **Solar**-Modul zur Gewinnung von Nutzenergie

4. COMBINED WIND AND SOLAR POWER GENERATIN...

☆ **WO2017144053A1 SYSTEM FOR OBTAINING USEFUL ENERGY FROM SOLAR ENERGY AND WIND ENERGY**

Bibliographic data ▾

Register ↗	Global Dossier ↗
Applicants	VAISÄNEN RAIMO [DE]; DIECKERHOFF INGO GERHARD [DE] +
Inventors	DIECKERHOFF INGO GERHARD [DE] +
Classifications	
IPC	F03D9/00; H02S10/12;
CPC	F03D9/007 (EP); H02S10/12 (EP); F05B2240/2212 (EP); Y02B10/30 (EP); Y02E10/50 (EP); Y02E10/72 (EP);
Priorities	DE202016100967U-2016-02-24
Application	DE2017100150W-2017-02-24
Publication	WO2017144053A1-2017-08-31
Published as	DE112017000964A5; DE202016100967U1; WO2017144053A1

Available in ▾

Patent Translate ▾

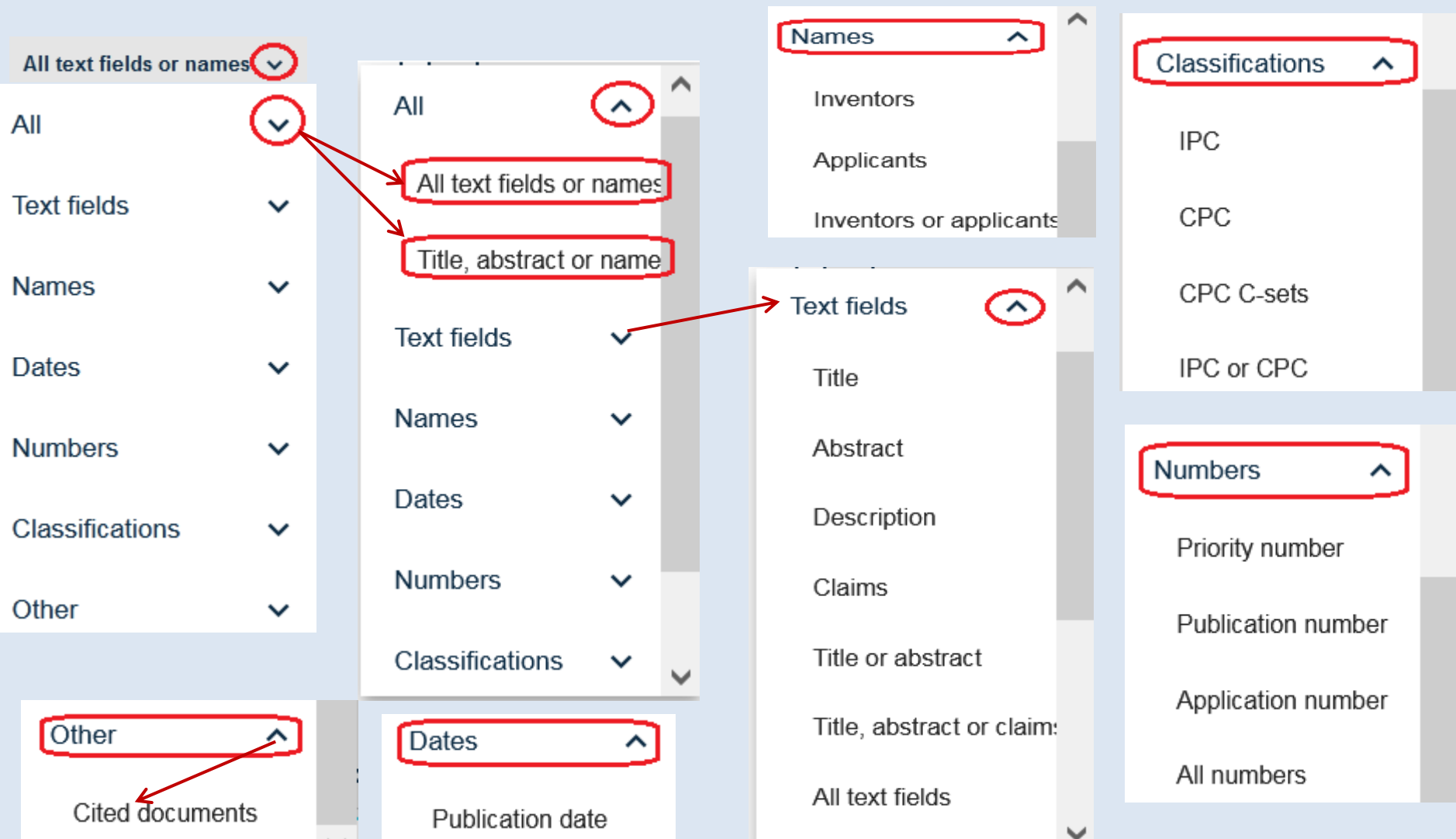
⋮ ×

Front-page drawing from WO2017144053A1

FIG. 3

Увеличилось число полей

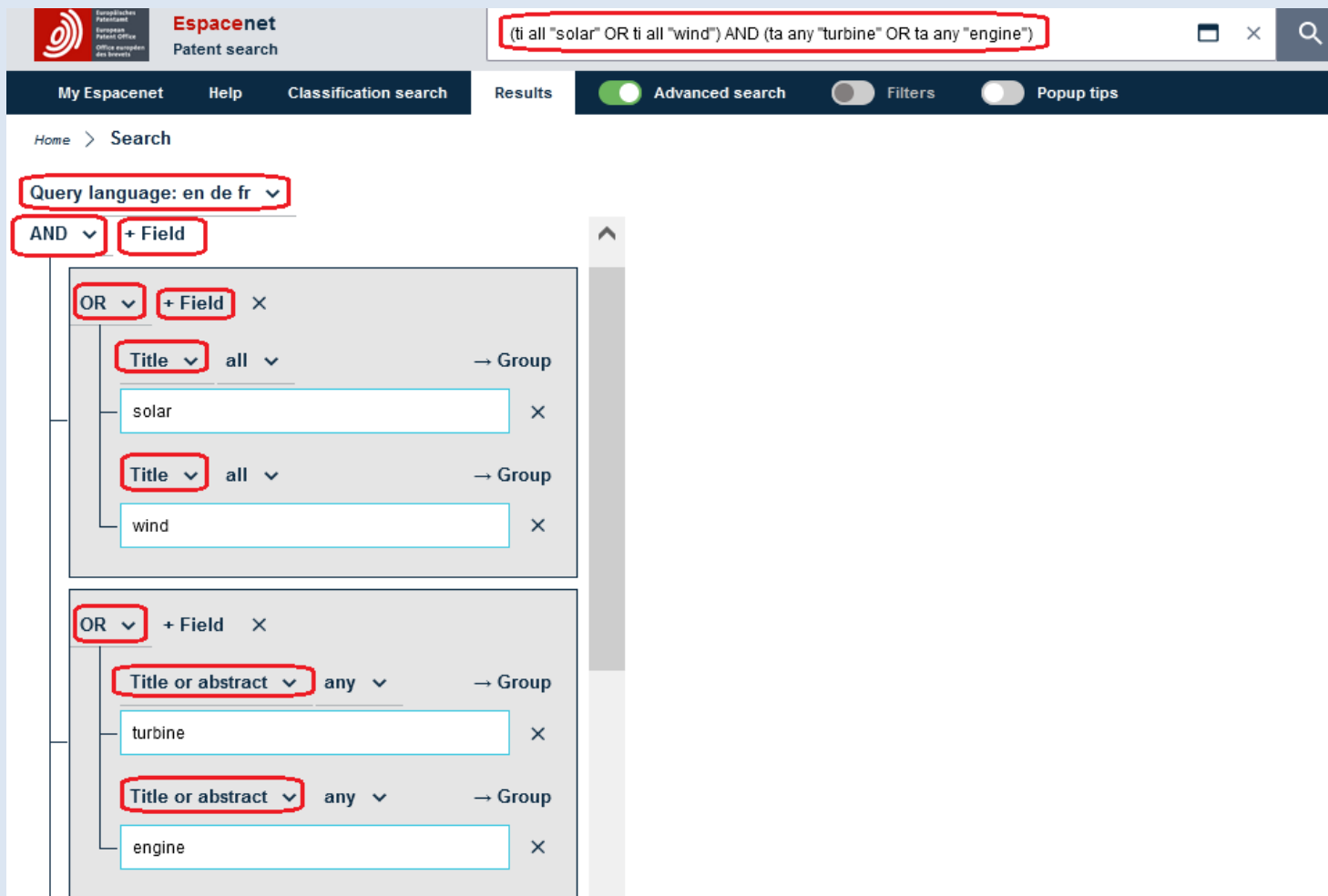
Теперь и в Advanced search, и в Smart search можно использовать 22 поисковых поля (вместо 10). Их можно добавлять, выбирая из списка



The image shows a search interface with several expanded dropdown menus. Red boxes and arrows highlight the following elements:

- Left Panel:**
 - All text fields or names** (dropdown arrow circled in red)
 - All** (dropdown arrow circled in red)
 - Other** (dropdown arrow circled in red)
- Second Panel (Expanded from 'All'):**
 - All** (dropdown arrow circled in red)
 - All text fields or names** (boxed in red)
 - Title, abstract or name** (boxed in red)
 - Text fields** (dropdown arrow)
 - Names** (dropdown arrow)
 - Dates** (dropdown arrow)
 - Numbers** (dropdown arrow)
 - Classifications** (dropdown arrow)
- Third Panel (Expanded from 'Text fields'):**
 - Text fields** (dropdown arrow circled in red)
 - Title
 - Abstract
 - Description
 - Claims
 - Title or abstract
 - Title, abstract or claim:
 - All text fields
- Fourth Panel (Expanded from 'Names'):**
 - Names** (dropdown arrow circled in red)
 - Inventors
 - Applicants
 - Inventors or applicants
- Fifth Panel (Expanded from 'Classifications'):**
 - Classifications** (dropdown arrow circled in red)
 - IPC
 - CPC
 - CPC C-sets
 - IPC or CPC
- Sixth Panel (Expanded from 'Numbers'):**
 - Numbers** (dropdown arrow circled in red)
 - Priority number
 - Publication number
 - Application number
 - All numbers
- Bottom Panels:**
 - Other** (dropdown arrow circled in red) with **Cited documents** below it.
 - Dates** (dropdown arrow circled in red) with **Publication date** below it.

Advanced search и Smart search теперь синхронизированы, т.е. запрос, введенный в одном из этих видов поиска, повторяется в другом.



The screenshot shows the Espacenet Patent search interface. At the top, the search query is displayed in a search bar: `(ti all "solar" OR ti all "wind") AND (ta any "turbine" OR ta any "engine")`. Below the search bar, the interface shows the search results page with the following elements:

- Query language:** en de fr (dropdown menu)
- AND** (dropdown menu) **+ Field** (button)
- OR** (dropdown menu) **+ Field** (button) **x** (close button)
- Title** (dropdown menu) **all** (dropdown menu) **→ Group** (button)
- solar** (input field) **x** (close button)
- Title** (dropdown menu) **all** (dropdown menu) **→ Group** (button)
- wind** (input field) **x** (close button)
- OR** (dropdown menu) **+ Field** (button) **x** (close button)
- Title or abstract** (dropdown menu) **any** (dropdown menu) **→ Group** (button)
- turbine** (input field) **x** (close button)
- Title or abstract** (dropdown menu) **any** (dropdown menu) **→ Group** (button)
- engine** (input field) **x** (close button)

Логические операторы внутри поисковых полей Advanced search

- **Нельзя** использовать логические операторы **AND, OR, NOT** и «**»** внутри полей.
- Можно использовать операторы:
ANY = OR
ALL = AND
PROXIMITY
=

Список результатов, полученный в одном из видов поиска, сохраняется при переходе в другой

Espacenet Patent search (solar OR wind) (turbine OR engine) Office/Language

My Espacenet Help Classification search Results **Advanced search** Filters Popup tips Report data error Feedback

Home > Results > WO2017144053A1

Query language: en de fr

AND + Field

OR + Field

- All text fields or names = Group: solar
- All text fields or names = Group: wind

OR + Field

- All text fields or names = Group: turbine
- All text fields or names = Group: engine

Search Reset

568 214 results found

List view Text only List content All Sort by Relevance

(1 patent selected) Select the first 20 results

CA2634763A1 • 2007-07-12 • REXORCE THERMIONICS INC...
Earliest priority: 2005-12-29 • Earliest publication: 2007-0...
... A high efficiency thermodynamic power conversion cycle is disclosed using thermal storage, atmospheric heat ex-changers, and **wind** channeling in a synergistic method. Using the preferred

2. SYSTEM FOR OBTAINING USEFUL ENERGY FROM ...
WO2017144053A1 • 2017-08-31 • VAISÄNEN RAIMO [DE]
Earliest priority: 2016-02-24 • Earliest publication: 2017-0...
... total energy yield with substantially the same size in the case of a system for obtaining useful energy from **solar** energy. This aim is achieved in that at least one **wind** force module having a **wind** force

3. Anlage zur Gewinnung von Nutzenergie aus Sonnen-un...
DE102016103239A1 • 2017-08-24 • DIECKERHOFF INGO G...
Earliest priority: 2016-02-24 • Earliest publication: 2017-0...
... außerdem eine erhöhte Gesamtenergieausbeute bei im wesentlichen gleicher Baugröße zu ermöglichen, ist vorgesehen, dass einem flächigen **Solar**-Modul zur Gewinnung von Nutzenergie

4. COMBINED WIND AND SOLAR POWER GENERATIN...
EP3212925A1 (A4,B1) • 2017-09-06 • SOLAR WIND RELIAN...
Earliest priority: 2014-10-31 • Earliest publication: 2016-0...
No abstract available

5. Sealed heat **engine** with plural turbines

☆ WO2017144053A1 SYSTEM FOR OBTAINING USEFUL ENERGY FROM SOLAR ENERGY AND WIND ENERGY

Available in Patent Translate

Bibliographic data

Register Global Dossier

Applicants VAISÄNEN RAIMO [DE]; DIECKERHOFF INGO GERHARD [DE] +

Inventors DIECKERHOFF INGO GERHARD [DE] +

Classifications

IPC **F03D9/00; H02S10/12;**

CPC **F03D9/007 (EP); H02S10/12 (EP); F05B2240/2212 (EP); Y02B10/30 (EP); Y02E10/50 (EP); Y02E10/72 (EP);**

Priorities DE202016100967U-2016-02-24

Application DE2017100150W-2017-02-24

Publication WO2017144053A1-2017-08-31

Published as DE112017000964A5; DE202016100967U1; WO2017144053A1

В документах даётся список языков, на которых данный документ можно просмотреть

My Espacenet Help Classification search Results Advanced search Filters Popup tips Report data error Feeds

Home > Results > US4865403A

354 373 results found

☆ US4865403A Folding standup desk

Available in Patent Translate

List view List content Sort by

Text only All Relevance Bibliographic data

(0 patents selected) Select the first 60 results

...The invention relates to the field of teaching supplies, in particular folding desk. The folding desk comprises a desk body and a folding plate, the desk body is connected with the folding back plate through

34. **DESK PLATE DISPLAY TYPE DESK DEVICE**
 JPH04300502A • 1992-10-23 • SHIMADZU CORP
 Earliest priority: 1991-03-29 • Earliest publication: 1992-10-23
 ...PURPOSE:To offer the desk plate display type desk device by which word processor work can be executed easily... is installed so as to be tiltable on the desk, a tilting desk plate 1 for forming the upper face P of

35. **THE TURN DOWN DESK**
 KR20110054200A • 2011-05-25 • KIM TAE WOO [KR]

STEINHILBER HELMUT [CH] +
 STEINHILBER HELMUT [CH] +

A47B17/03; A47B19/08; A47B46/00; (IPC1-7):
 A47B17/00;

A47B17/03 (EP); A47B19/08 (EP);
 A47B46/00 (EP);

Front-page drawing from US4865403A

SCREW ADJUSTMENT 36

SCREW ADJUSTMENT 32

- English ^
- EP0284833B1
- US4865403A**
- French v
- German v

Фильтрация списка результатов (т.е. получение статистики) возможна по многим категориям фильтрации (странам, датам, рубрикам классификаций, заявителям, странам заявителей и т.д.), содержащим десятки элементов (параметров) каждая

The screenshot displays the search results interface for ФИПС. At the top, there are three toggle switches: "Advanced search" (checked), "Filters" (checked and highlighted with a red box), and "Popup tips" (unchecked). To the right of these is a link "Report data error". Below the navigation bar, there are two filter categories: "Family" and "Publication". The "Family" category is expanded, showing several filter options: "Countries (family)", "Languages (family)", "Earliest publication date (family)", "Earliest priority date", "IPC main groups", "IPC subgroups", "CPC main groups", "CPC subgroups", "CPC assigning offices", "Applicants", and "Inventors". The "Publication" category is also expanded, showing "Applicants - country" and "Inventors - country". On the right side, the search results are displayed, showing "568 214 results found". Below this, there are options for "List view" (Text only), "List content" (All), and "Sort by" (Releva...). A checkbox indicates "(0 patents selected)" and a button says "Select the first 20 results". Three search results are visible, each with a checkbox and a title: "1. THERMODYNAMIC POWER C...", "2. SYSTEM FOR OBTAINING USE...", and "3. Anlage zur Gewinnung von Nutz...".

Каждая категория фильтрации содержит элементы (параметры) фильтрации. Например, в категории «страны» элементами являются отдельные страны (опубликовавшие хотя бы один из членов семейства в списке результатов). В категориях различных классификаций элементами являются их рубрики.

Countries (family)

↑↓ ↑↓

<input type="checkbox"/> CN	42 720
<input type="checkbox"/> US	30 827
<input type="checkbox"/> JP	22 922
<input type="checkbox"/> WO	19 474
<input type="checkbox"/> EP	11 814
<input type="checkbox"/> KR	8 955
<input type="checkbox"/> CA	4 636
<input type="checkbox"/> AU	4 214

Apply Exclude

IPC subgroups

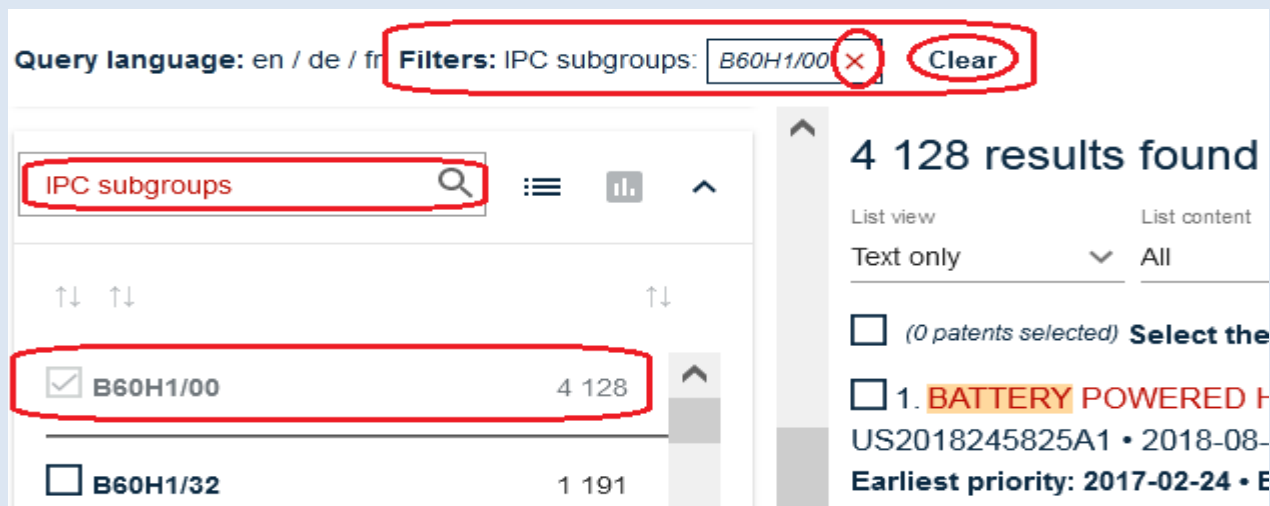
↑↓ ↑↓

<input type="checkbox"/> H02J7/35	5 394
<input type="checkbox"/> H02J7/00	5 156
<input type="checkbox"/> H02J3/38	4 943
<input type="checkbox"/> B60H1/00	4 128
<input type="checkbox"/> H02S10/12	3 126
<input type="checkbox"/> H02J3/32	2 571
<input type="checkbox"/> G06Q50/06	2 401
<input type="checkbox"/> B60H1/32	2 362

Apply Exclude + query

Использование выбранного элемента для фильтрации

- Нужный элемент фильтрации выбирается простановкой «галочки» в соответствующем чекбоксе
- В каждой категории может быть выбрано несколько элементов
- Документы, соответствующие выбранному элементу фильтрации, могут:
 - составить отфильтрованный список (“Apply”);
 - быть удалены из него (“Exclude”);
 - добавлены к запросу (+query)
- Для отмены/изменения выбранного элемента (элементов) фильтрации предусмотрена опция или “Clear”



The screenshot shows a search interface with the following elements:

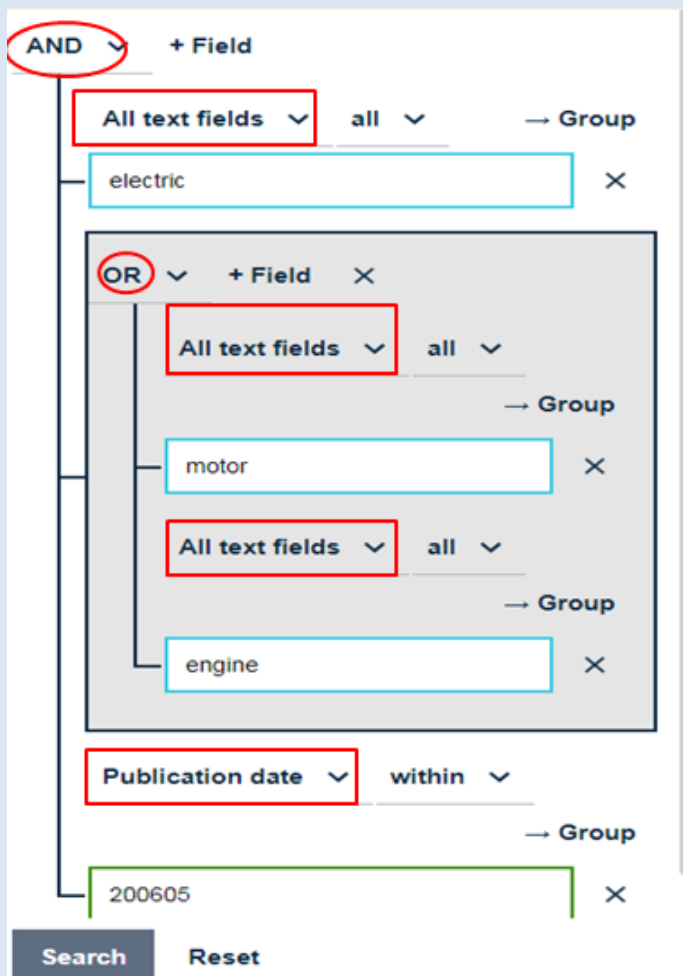
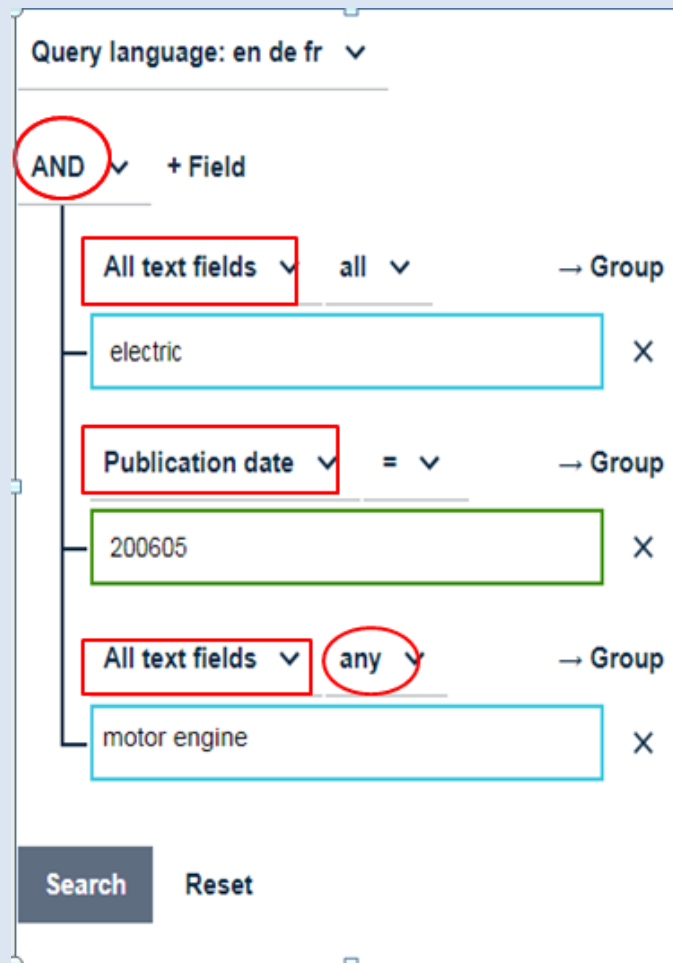
- Query language:** en / de / fr
- Filters:** IPC subgroups: B60H1/00 **Clear**
- Search bar:** IPC subgroups
- Results list:**
 - B60H1/00 4 128
 - B60H1/32 1 191
- Summary:** 4 128 results found
- View options:** List view, Text only, List content, All
- Selection:** (0 patents selected) **Select the**
- Result snippet:** 1. BATTERY POWERED H US2018245825A1 • 2018-08- Earliest priority: 2017-02-24 • E

Несколько других отличий новой версии от старой

- Для загрузки или печати нужных документов больше не требуется captcha (проверка того, что вы – не автомат)
- В старой версии возможны лишь 2 вида представления списка результатов: «сжатый» (“Compact”) и «развернутый» (“Extended”). В новой версии - 4 вида представления списка: только текст, текст и эскизы (с титульной страницы), сжатый список и только рисунки
- Доступен просмотр последнего правового события на вкладке «семейство патентов»

Задание 1

1. В Advance search найдите документы, опубликованные в мае 2006г, содержащие слова «электрический» (electric) и «двигатель» (motor, engine).

Задание 2

2. Найдите заявки изобретателя Жарикова Геннадия Алексеевича, опубликованные в 2001г.

Query language: en de fr ▾

AND ▾ + Field

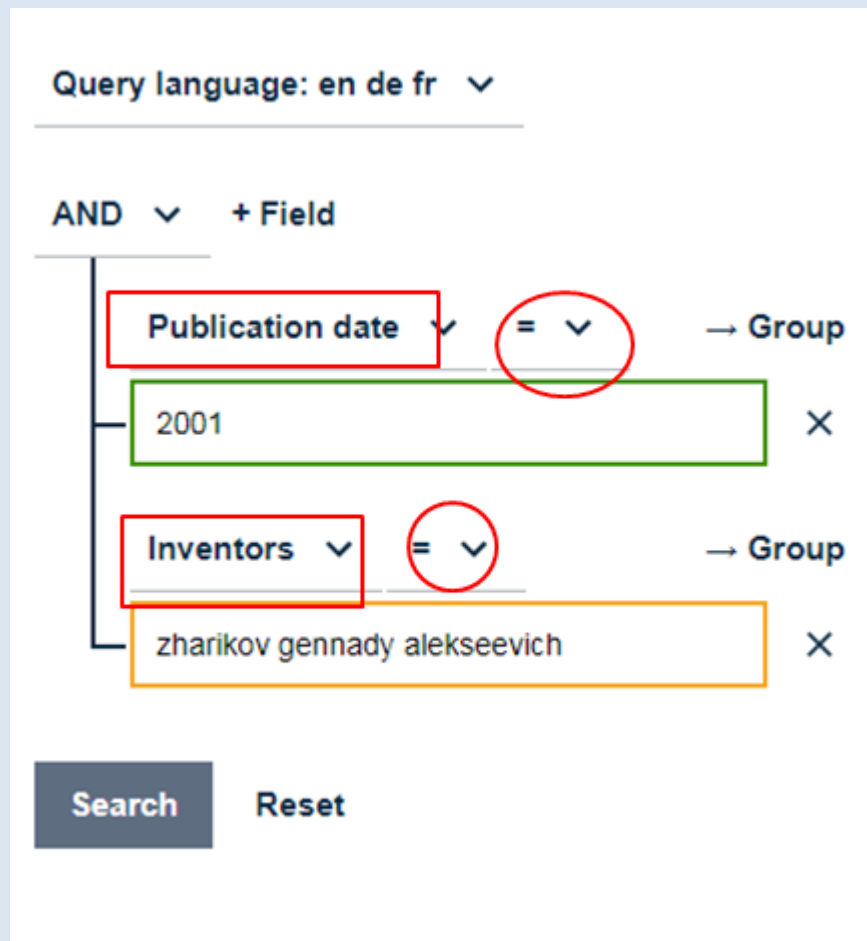
Publication date ▾ = ▾ → Group

2001 ×

Inventors ▾ = ▾ → Group

zharikov gennady alekseevich ×

Search Reset

The image shows a search interface with a query builder. At the top, there is a language selector set to 'en'. Below it, the logical operator is set to 'AND'. The query consists of two conditions connected by an equals sign (=). The first condition is 'Publication date' followed by an equals sign (=) and the value '2001'. The second condition is 'Inventors' followed by an equals sign (=) and the name 'zharikov gennady alekseevich'. Each condition is enclosed in a colored box (red for the field name, green for the value, and orange for the name). The equals signs are circled in red. At the bottom, there are 'Search' and 'Reset' buttons.

Задание 3

16. Сколько в 2002г опубликовано документов РФ по теме использования **лазерного луча (laser beam)**?

Query language: en de fr ▾

AND ▾ + Field

- All text fields

 ▾ = ▾ → Group

laser beam

 ×
- Publication date

 ▾ = ▾ → Group

2002

 ×
- Publication number

 ▾ = ▾ → Group

ru

 ×

Search **Reset**

Новое в текущей версии ПОИСКОВОЙ СИСТЕМЫ PATENTSCOPE

Текущая версия PATENTSCOPE введена в конце 2019 г.

- Основные изменения конца 2019 года:
 - Полностью изменен интерфейс на всех страницах БД;
 - Изменен вид списка результатов;
 - Добавлены рубрики CPC в представление документа;
 - Добавлена функция Filters (фильтрация) в опцию «Анализ».
 - Добавлены новые возможности для поиска по химическим соединениям – поиск по подструктурам (Sub-Structure Search)
- Изменения 2020 года:
 - добавлены для поиска миллионы химических формул из БД национальных институтов здравоохранения США
- Изменения 2021 года:
 - Добавлена информация к сведениям о патентных семействах
 - Введен поиск по формулам Маркуша
- Изменения 2022 года:
 - Введены некоторые ограничения для количества знаков подстановки
 - Поиск в текстовых полях стал возможен только с указанием языка текста
- Изменения 2023 года:
 - Введены обе японские классификации и ещё нескольких патентных коллекций;
 - В сведения о переходе заявки РСТ на национальную фазу добавлена информация о её текущем статусе: национальной публикации, выдаче патента, отказе, отзыве заявки, разделении или текущем делопроизводстве после отказа или отзыва. Эти сведения еженедельно обновляются

Список результатов в старой и текущей версии.

Results 1-10 of 12,617 for Criteria_EN_AB:"fuel cell" Office(s):wo Language_EN Stemming: true

Page: 1 / 1262 Go

Refine Search EN_AB:"fuel cell"

Analysis

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
PCT	12,617	H01M	10,982	MANABE, Kota	45	TOYOTA JIDOSHA KABUSHIKI KAISHA	1,004	2008	1,031
		C01B	809	PFALZGRAF, Manfred	44	NISSAN MOTOR CO., LTD.	487	2009	806
		B01J	783	HATOH, Kazuhito	43	DAIMLER AG	306	2010	667
		B60L	396	MATTEJAT, Arno	43	SIEMENS AKTIENGESELLSCHAFT	227	2011	646
		B01D	389	NAKAMURA, Akinari	43	PANASONIC CORPORATION	223	2012	642
		C08J	344	BOLTZE, Matthias	42	UTC POWER CORPORATION	206	2013	664
		H01B	318	KATANO, Koji	42	HONDA MOTOR CO., LTD.	189	2014	668
		C25B	308	KUSAKABE, Hiroki	40	BALLARD POWER SYSTEMS INC	173	2015	513
		H02J	253	BEDENBECKER, Markus	38	KABUSHIKI KAISHA TOSHIBA	159	2016	453

Sort by: Relevance View Simple List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2015/033148 A FUEL CELL UNIT					
H02J 1/10	PCT/GB2014/052687		LG FUEL CELL SYSTEMS INC.	WO	12.03.2015
This invention relates to fuel cell unit for use in aggregating fuel cells, particularly useful for use when fuel cells are connected in parallel. Improving the management of fuel cell outputs across a plurality of aggregated fuel cells improves efficiency of the fuel cells. The invention relates to a fuel cell unit comprising a fuel cell and a regulating voltage converter, and further relates to a fuel cell module comprising a plurality of fuel cell units connected in parallel.					
2. WO/2005/069922 FUEL CELL SYSTEM				WO	04.08.2005

EN_AB:("fuel cell" hydrogen)

26,144 results Offices all Languages on Stemming true Single Family Member true Include NPL false

Sort: Relevance Per page: 10 View: All 1 / 2,615 Machine translation

1. **110774941** CONTROL METHOD AND DEVICE OF HYDROGEN FUEL CELL AND COMPUTER STORAGE MEDIUM CN - 11.02.2020
 Int.Class B60L 58/30 Appl.No 201911078725.1 Applicant INWINIC TECHNOLOGY (SHENZHEN) CO., LTD. Inventor WU LIXIN
 The invention discloses a control method of a hydrogen fuel cell. The control method of the hydrogen fuel cell comprises the following steps: when a starting instruction is received, obtaining state parameters corresponding to the hydrogen fuel cell, wherein the state parameters comprise at least one of a cell stack temperature, a hydrogen inlet pressure, a hydrogen leakage concentration, an external power supply voltage, a fan state and a cell stack ventilation state of the hydrogen fuel cell; determining a state of the hydrogen fuel cell according to the state parameters; and when the hydrogen fuel cell is in a normal state, starting the hydrogen fuel cell. The invention further discloses a control device of the hydrogen fuel cell and a computer storage medium. Before the hydrogen fuel cell is started, the state of the hydrogen fuel cell is detected, and the hydrogen fuel cell is started when the state of the hydrogen fuel cell is normal, so that the use of the hydrogen fuel cell in an abnormal state is avoided, and the safe use of the hydrogen fuel cell is ensured.

2. **112537385** HYDROGEN FUEL CELL MOTORCYCLE CN - 23.03.2021
 Int.Class B62J 43/18 Appl.No 202011613000.0 Applicant JINAN YINGQING POWER TECHNOLOGY CO., LTD. Inventor YU PENG
 The invention provides a hydrogen fuel cell motorcycle which comprises a hydrogen fuel cell system and a storage battery, the hydrogen fuel cell system comprises a hydrogen fuel cell and a hydrogen storage bottle connected with the hydrogen fuel cell, the hydrogen fuel cell is connected with the storage battery in series, and a fuel switch is arranged in the hydrogen fuel cell system and used for controlling the fuel cell system to work. According to the motorcycle, the hydrogen fuel cell system and the storage battery are connected in series, the hydrogen fuel cell system supplements electricity to the storage battery through the hydrogen fuel cell, a guarantee is provided for long-distance driving of a user, and the charging frequency in the driving process is reduced.

Разные виды представления документов в списке результатов (Result List View)

Простой (Simple)

1. WO/2012/122970 FOOD TEMPERATURE-CONTROL AND STORAGE INSERT, TEMPERATURE-CONTROL AND STORAGE DEVICE, AND OPERATING METHOD	WO - 20.09.2012
2. WO/2012/119580 MOTOR VEHICLE DOOR LOCK	WO - 13.09.2012

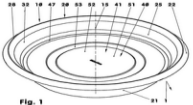
Двойной (Double)

1. WO/2012/122970 FOOD TEMPERATURE-CONTROL AND STORAGE INSERT, TEMPERATURE-CONTROL AND STORAGE DEVICE, AND OPERATING METHOD	WO - 20.09.2012
Int.Class A47J 36/24 ? Appl.No PCT/DE2012/000265 Applicant STIERLEN GMBH Inventor KRISTMANN, Richard	
2. WO/2012/119580 MOTOR VEHICLE DOOR LOCK	WO - 13.09.2012
Int.Class E05B 65/32 ? Appl.No PCT/DE2012/000214 Applicant KIEKERT AKTIENGESELLSCHAFT Inventor BENDEL, Thorsten	

Все (All)

1. WO/2012/122970 FOOD TEMPERATURE-CONTROL AND STORAGE INSERT, TEMPERATURE-CONTROL AND STORAGE DEVICE, AND OPERATING METHOD	WO - 20.09.2012
Int.Class A47J 36/24 ? Appl.No PCT/DE2012/000265 Applicant STIERLEN GMBH Inventor KRISTMANN, Richard	
2. WO/2012/119580 MOTOR VEHICLE DOOR LOCK	WO - 13.09.2012
Int.Class E05B 65/32 ? Appl.No PCT/DE2012/000214 Applicant KIEKERT AKTIENGESELLSCHAFT Inventor BENDEL, Thorsten	

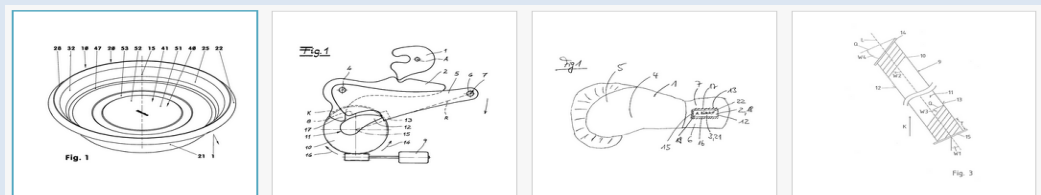
Всё + изображение (All + Image)

1. WO/2012/122970 FOOD TEMPERATURE-CONTROL AND STORAGE INSERT, TEMPERATURE-CONTROL AND STORAGE DEVICE, AND OPERATING METHOD	WO - 20.09.2012
Int.Class A47J 36/24 ? Appl.No PCT/DE2012/000265 Applicant STIERLEN GMBH Inventor KRISTMANN, Richard	
The invention relates to a food temperature-control and storage insert comprising a closed housing and a latent heat accumulator, which is stored in said closed housing and can be repeatedly recharged, to a temperature-control and storage device having such an insert, and to a method for operating a temperature-control and storage device. At room temperature, the latent heat accumulator fills at least 80% of the interior of the housing. The latent heat accumulator contains a material that is solid at a temperature of 80 °C and liquid at a temperature of 95 °C. In addition, the housing is rigid at least in some areas and elastically deformable at least in some areas. By means of the invention, a food temperature-control and storage insert, a temperature-control and storage device having such an insert, and a method for operating a temperature-control and storage device are developed, which make it possible to heat up food and keep the food hot during a long period of time.	
	

В 2-3 столбца (Multi-columns)

1. WO/2012/122970	WO - 20.09.2012
Int.Class A47J 36/24 ? Appl.No PCT/DE2012/000265 Applicant STIERLEN GMBH Inventor KRISTMANN, Richard	
[DE] LEBENSMITTEL-TEMPERIER- UND LAGEREINSATZ, TEMPERIER- UND LAGERVORRICHTUNG SOWIE BETRIEBSVERFAHREN	[EN] FOOD TEMPERATURE-CONTROL AND STORAGE INSERT, TEMPERATURE-CONTROL AND STORAGE DEVICE, AND OPERATING METHOD
[DE] Die Erfindung betrifft einen Lebensmittel-Temperier- und Lagereinsatz, der ein geschlossenes Gehäuse und einen in diesem	[EN] The invention relates to a food temperature-control and storage insert comprising a closed housing and a latent heat accumulator, which is
	[FR] INSERT DE STOCKAGE ET DE MAINTIEN EN TEMPÉRATURE D'ALIMENTS ET PROCÉDÉ DE FONCTIONNEMENT
	[FR] L'invention concerne un insert de stockage et de maintien en température d'aliments, comprenant un boîtier fermé et, monté à l'intérieur de ce dernier, un accumulateur de chaleur latente rechargeable, un

Изображения (Image)



Вид анализа списка результатов на закладке Filters

EN_AB:("fuel cell" hydrogen)

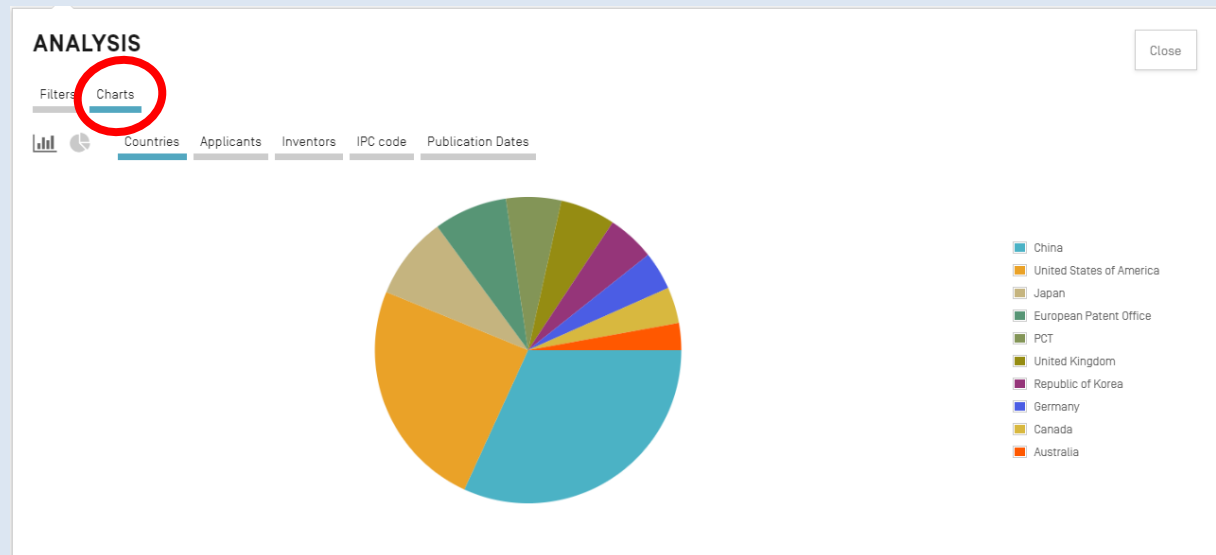
26,144 results Offices all Languages en Stemming true Single Family Member true Include NPL false

Analysis Close

Filters Charts

Countries		Applicants		Inventors		IPC code		Publication Dates	
China	10,977	TOYOTA MOTOR CO	1,025	HAO YIGUO	584	H01M	20,160	2015	417
Japan	6,343	NISSAN MOTOR CO LTD	704	LI FEIQIANG	200	C01B	3,404	2016	409
PCT	2,758	HONDA MOTOR CO LTD	701	FANG CHUAN	153	B60L	2,574	2017	666
United States of America	2,658	HYUNDAI MOTOR COMPANY	611	XIANG HUA	145	B01J	1,328	2018	951
Republic of Korea	2,140	WUHAN GROVE HYDROGEN AUTOMOBILE CO LTD	382	CHENG FEI	134	C25B	1,061	2019	1,455
United Kingdom	279	SAMSUNG SDI CO LTD	378	CHEN HUAMING	105	H02J	872	2020	1,984
Germany	263	BEIJING SINOHYTEC CO LTD	340	ZHANG GUOQIANG	104	F17C	861	2021	2,861
European Patent Office	189	MATSUSHITA ELECTRIC IND CO LTD	266	GAO YUNQING	81	B60K	755	2022	2,645
Russian Federation	120			KIM, JU YONG	78	B01D	743	2023	2,539
France	109			UKAI KUNIHIRO	76	G01N	390	2024	25

Графическое представление анализа результатов



В каждом столбце для фильтрации может быть выбран **лишь один параметр** путём нажатия на него

EN_AB:("fuel cell" hydrogen)

26,144 results Offices all Languages en Stemming true Single Family Member true Include NPL false

Analysis


Close

Filters

Charts

Countries		Applicants		Inventors		IPC code		Publication Dates	
China	10,977	TOYOTA MOTOR CO	1,025	HAO YIGUO	584	H01M	20,160	2015	417
Japan	6,343	NISSAN MOTOR CO LTD	704	LI FEIQIANG	200	C01B	3,404	2016	409
PCT	2,758	HONDA MOTOR CO LTD	701	FANG CHUAN	153	B60L	2,574	2017	666
United States of America	2,658	HYUNDAI MOTOR COMPANY	611	XIANG HUA	145	B01J	1,328	2018	951
Republic of Korea	2,140	WUHAN GROVE HYDROGEN AUTOMOBILE CO LTD	382	CHEN HUAMING	105	H02J	872	2020	1,984
United Kingdom	279	SAMSUNG SDI CO LTD	378	ZHANG GUOQIANG	104	F17C	861	2021	2,861
Germany	263	BEIJING SINOHYTEC CO LTD	340	GAO YUNQING	81	B60K	755	2022	2,645
European Patent Office	189	MATSUSHITA ELECTRIC IND CO LTD	266	KIM, JU YONG	78	B01D	743	2023	2,539
Russian Federation	120			UKAI KUNIHIRO	76	G01N	390	2024	25
France	109								

Результат фильтрации

- В списке документов остаются только результаты фильтрации.
- Нажатием на  можно удалить любой фильтр; результат фильтрации (список) тут же меняется

130 results Offices all Languages en Stemming true Single Family Member true Include NPL false

Analysis

Filters Charts

Countries	Applicants	Inventors	IPC code	Publication Dates
PCT 130	ROBERT BOSCH GMBH 33	FALKENAU, TOBIAS 6	H01M 130	2023-01 7
	ZHONGSHAN BROAD OCEAN MOTOR CO LTD 3	BOSCH, TIMO 5	B60L 8	2023-02 8
	[주]로우카본 2	KEMMER, HELERSON 4	C01B 8	2023-03 25
	BEIJING SINOHYTEC CO LTD 2	DENG, JIA 3	C25B 8	2023-04 13
	CATALER CO 2	LIANG, WEIDONG 3	B01D 7	2023-05 8
	CHINA ENERGY INVESTMENT CO LIMITED 2	LIU, XIAOQING 3	F04F 4	2023-06 11
	CROSS TECH LABO COLTD 2	BAECHSTAEDT, ROMINA 2	F17C 4	2023-07 11
	DAIMLER TRUCK AG 2	BRUNS, CHRISTOPHER 2	H02J 4	2023-08 10
	HUANENG CLEAN ENERGY RESEARCH INSTITUTE 2	BUEHLER, SIMON 2	B01J 3	2023-09 11
	JAGUAR LAND ROVER LIMITED 2	DOBRENIZKI, LADISLAUS 2	B60K 3	2023-10 11
				2023-11 9
				2023-12 6

IPC=H01M
 PUBLICATION_DATE=2023
 COUNTRY=WO

Возможность появилась только в новой версии



FP: ("fuel cell" AND hydrogen)

2,406 results Offices WO Languages en Stemming true Single Family Member true Include NPL true

Pub Date Desc 50 All+Image Machine translation

1. WO2021243681 - HYDROGEN SUPPLY APPARATUS AND FUEL CELL

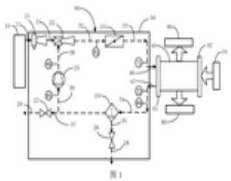
PCT Biblio. Data Full Text Drawings ISR/WOSA/A17[2][a] National Phase

Notices Documents

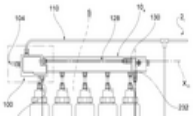
Submit observation PermaLink Machine translation

Title
[EN] HYDROGEN SUPPLY APPARATUS AND FUEL CELL
[FR] APPAREIL D'ALIMENTATION EN HYDROGÈNE ET PILE À COMBUSTIBLE
[ZH] 氢气供应装置和燃料电池

1. **WO/2021/243681** HYDROGEN SUPPLY APPARATUS AND FUEL CELL WO - 09.12.2021
 Int.Class H01M 8/04082 ?
 Appl.No PCT/CN2020/094571
 Applicant ROBERT BOSCH GMBH
 Inventor WANG, Fei
 Disclosed in the present application is a hydrogen supply apparatus, used for a fuel cell. The hydrogen supply apparatus comprises: an injection pump used

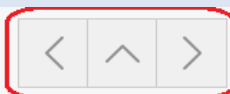


2. **WO/2021/240456** CYLINDER ASSEMBLY FOR A HYDROGEN FUEL CELLS AUTOTRACTION SYSTEM WO - 02.12.2021
 Int.Class F02M 21/02 ?
 Appl.No PCT/IB2021/054689
 Applicant OMB SALERI S.P.A.
 Inventor SANTULLI, Renato



Добавлены рубрики CPC при представлении документа

3. WO2000070697 - FUEL CELL SYSTEM USING EMULSIFIED FUEL



- PCT Biblio. Data
- Description
- Claims
- Drawings
- National Phase
- Patent Family
- Notices
- Documents

PermaLink Machine translation ▾

Publication Number

WO/2000/070697

Publication Date

23.11.2000

International Application No.

PCT/US2000/013059

International Filing Date

12.05.2000

Chapter 2 Demand Filed

05.12.2000

IPC

- C01B 3/32 2006.1
- C01B 3/34 2006.1
- C01B 3/38 2006.1
- C01B 3/48 2006.1
- C01B 3/50 2006.1
- C01B 3/58 2006.1

[View more classifications](#)

CPC

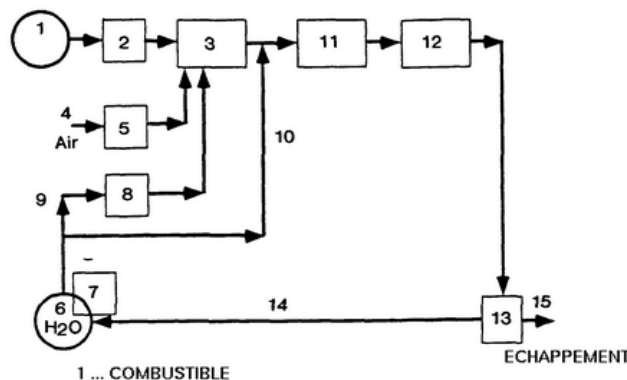
- C01B 2203/0233
- C01B 2203/0244
- C01B 2203/0283
- C01B 2203/047
- C01B 2203/066
- C01B 2203/0844

[View more classifications](#)

Title

[EN] FUEL CELL SYSTEM USING EMULSIFIED FUEL

[FR] SYSTEME DE PILE A COMBUSTIBLE UTILISANT UN CARBURANT EMULSIONNE



Abstract

[EN] The present invention includes a fuel cell system and a method to operate a fuel cell (32). The fuel cell system includes a source of a fuel and water emulsion (21), receiving the emulsion and a reformer (23) for receiving the emulsion and producing hydrogen, a hydrogen-oxygen fuel cell (32) connected to the reformer (23) and able to receive hydrogen from the reformer (23). The method for operating a fuel cell system including a hydrogen gas oxygen fuel cell (32) includes producing the hydrogen gas from a fuel and water emulsion.

Коды текстовых полей

- Текстовых полей в PATENTSCOPE – 6 (шесть):
 - TI – заголовок;
 - AB – реферат;
 - DE – описание;
 - CL – формула;
 - ALLTXT – во всех текстовых: TI, AB, DE, CL;
 - ALL – все текстовые (TI, AB, DE, CL) **и имена**.
- Код любого текстового поля теперь должен начинаться с кода нужного для поиска языка (например, EN_ALL, EN_ALLTXT, RU_AB, FR_ALL, ES_CL)
- Если не указать поле перед термином, поиск проводится в поле **EN_ALL**.

Задание 1

Найти заявку **WO** опубликованную в **2012г** под № **176268**

WIPO IP PORTAL MENU PATENTSCOPE HELP ENGLISH LOGIN WIPO

Feedback Search Browse Tools Settings

FIELD COMBINATION

	Field	Value	
	Front Page	wo2012176268	
Operator AND	Field WPO Publication Number	Value	
Operator AND	Field Application Number	Value	
Operator AND	Field Publication Date	Value	
Operator AND	Field English Title	Value	
Operator AND	Field Abstract	Is Empty: N/A	
Operator AND	Field Licensing availability	<input type="checkbox"/>	

+ Add another search field - Reset search fields

Offices: All

Languages: English

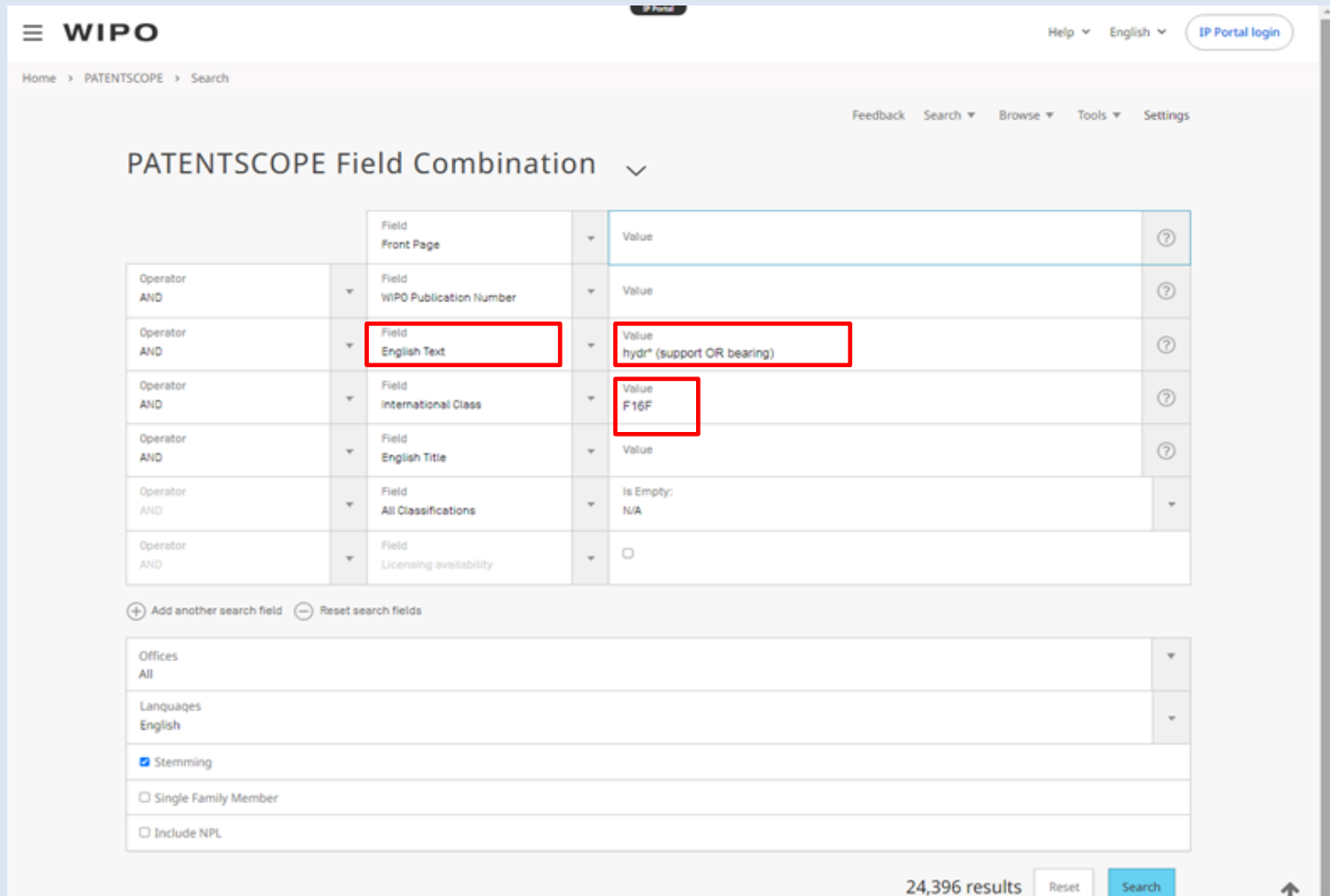
Stemming

Single Family Member

1 results

Задание 2

- Найти документы по ключевому слову гидропора **hydr*** (support OR bearing) и МПК **F16F**
- Потом добавить класс **B04B9/14**



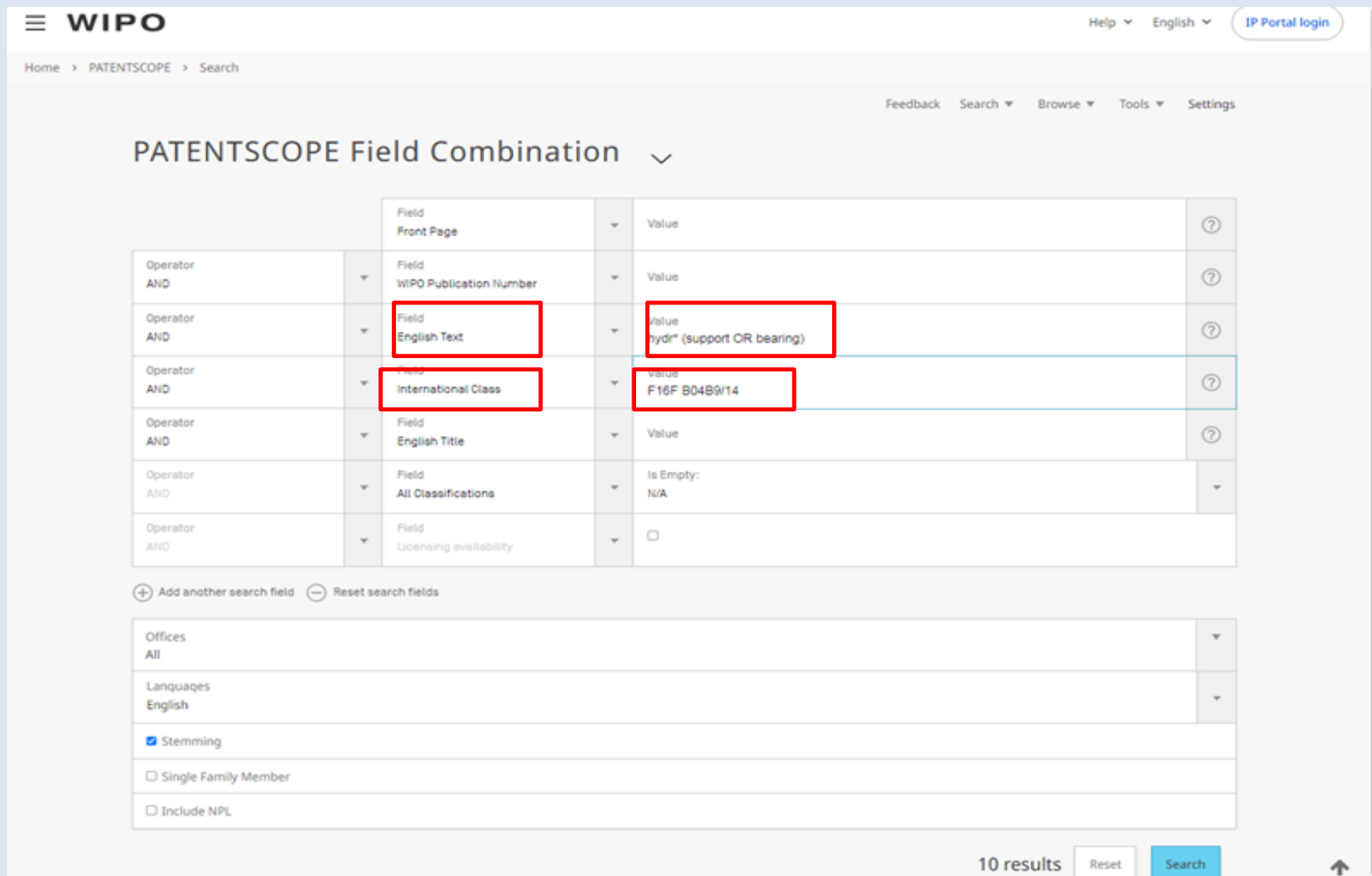
The screenshot shows the WIPO PATENTSCOPE search interface. The main section is titled "PATENTSCOPE Field Combination" and contains a table with the following rows:

Operator	Field	Value
	Field Front Page	Value
Operator AND	Field WIPO Publication Number	Value
Operator AND	Field English Text	hydr* (support OR bearing)
Operator AND	Field International Class	F16F
Operator AND	Field English Title	Value
Operator AND	Field All Classifications	Is Empty: N/A
Operator AND	Field Licensing availability	<input type="checkbox"/>

Below the table, there are options to "Add another search field" and "Reset search fields". Further down, there are filters for "Offices" (All), "Languages" (English), and checkboxes for "Stemming" (checked), "Single Family Member", and "Include NPL". At the bottom, it shows "24,396 results" and buttons for "Reset" and "Search".

Задание 2

- Найти документы по ключевому слову гидроопора **hydr*** (support OR bearing) и МПК **F16F**
- Потом добавить класс **B04B9/14**



WIPO PATENTSCOPE Field Combination

Operator	Field	Value
	Field Front Page	Value
AND	Field WIPO Publication Number	Value
AND	Field English Text	hydr* (support OR bearing)
AND	Field International Class	F16F B04B9/14
AND	Field English Title	Value
AND	Field All Classifications	Is Empty: N/A
AND	Field Licensing availability	<input type="checkbox"/>

Offices: All
 Languages: English
 Stemming
 Single Family Member
 Include NPL

10 results

Задание 3

Найти документы с заявителем **Steve Jobs** поданные в **2007** году

The screenshot shows the WIPO PATENTSCOPE search interface. The search criteria are defined in a table under the heading "FIELD COMBINATION".

Operator	Field	Value
AND	Applicant name	Steve Jobs
AND	Application Date	2007
AND	Publication Date	
AND	English Title	
AND	Abstract	is Empty: N/A
AND	Licensing availability	

Below the table, there are options to "Add another search field" and "Reset search fields". Further down, there are filters for "Offices" (All), "Languages" (English), and checkboxes for "Stemming" and "Single Family Member". At the bottom right, it shows "8 results" and buttons for "Reset" and "Search".

Спасибо за внимание!