

**การสืบค้นข้อมูลจากสำนักงาน
สิทธิบัตรยุโรป
(EP.ESPACENET.COM)**

ข้อควรรู้เบื้องต้น

**advance search* แต่ละ *filed* ที่ตรวจค้น สามารถระบุ *And, or, not*

**Smart and advanced search* สามารถใช้ *truncation* ดังนี้

* = ไม่จำกัดตัวอักษร

? = 0 หรือ 1 อักขระ

= 1 อักขระ

การสืบค้นด้วยวันที่

Advance search

2000:2004

2000,2004

“2005 2007”

Smart search

2000:2004

pd=“2000:2004”

pd=“2000,2004”

pd=“2000 2004”

pd>=2000 AND pd <=:2004”

การสืบค้นข้อมูล

ผ่านวิธี

SMART SEARCH

Smart search

motor

The image shows a screenshot of the Espacenet website. At the top, there is a navigation bar with 'My patents list (0)', 'Query history', 'Settings', and 'Help'. Below this is a search bar with a search button. A red callout bubble labeled 'Smart search' points to the search bar. Another red callout bubble labeled 'motor' points to the search input field. The main content area features a search bar with a 'Clear' button and a 'Search' button. Below the search bar, there are several news items and updates, including 'Espacenet Assistant updated', 'New CPC-Browser in Espacenet', and 'Espacenet Intro'. On the left side, there is a sidebar with 'Smart search' (highlighted by the 'Smart search' callout), 'Advanced search', 'Classification search', 'Maintenance news', 'News flashes', 'Latest updates', and 'Related links'. The top of the browser window shows the address bar and various icons.

การสืบค้นข้อมูล

ผ่านวิธี

ADVANCE SEARCH

สืบค้นด้วย คีย์เวิร์ด

Advance search

กรณีเลือก world wide database

ระบุคีย์เวิร์ด ในเมนู title or abstract

The screenshot shows the 'Advanced search' page of the WIPO PATENTSCOPE database. The interface includes a search bar at the top, a navigation menu on the left, and a main search form. A red speech bubble points to the 'Advanced search' option in the menu. Another red speech bubble points to the 'Worldwide' selection in the 'Select the collection you want to search in' dropdown menu. A third red speech bubble points to the 'Title or abstract' search type selection. The search form contains several input fields with pre-filled or suggested values:

- Select the collection you want to search in:** Worldwide - collection of published applications from 100+ countries
- Enter keywords in English:** Title: plastic and
- Title or abstract:** abstract: vehicle dynamometer
- Publication number:** WO2008011020
- Application number:** DE10071031606
- Priority number:** WO1006US16026
- Publication date:** (empty)
- Applicant(s):** Institut Pasteur
- Inventor(s):** Smith
- Enter one or more classification symbols:** GPC: (empty), IPC: H03M1/12

Advance search

กรณีเลือก EP database

สืบค้นจาก full text

Advanced search

Select the collection you want to search in

EP - complete collection including full text of European published applications

Enter your search terms - CTRL-LINKER expands the field you are in

Enter keywords in English

Title:

e.g. title

Title or abstract:

e.g.

Keyword(s) in full text:

e.g. hybrid

electric vehicle hybrid color

Enter numbers with or without country code

Publication number:

e.g. EP1883031

Application number:

e.g. EP20070010025

Priority number:

e.g. DE20021036100

Enter one or more dates or date ranges

Publication date:

e.g. 2007/0918

Enter name of one or more persons/organisations

Applicant(s):

e.g. IBM

Inventor(s):

e.g. Siemens

Enter one or more classification symbols

IPC:

e.g. H02M7/037 H03K17/087

ผลการสืบค้น 139
 document

วันประกาศโฆษณาคำขอ

Home section Results page 1

Smart search
 Advanced search
 Classification search

Quick help

- Can I subscribe to an RSS feed of the result list?
- What does the RSS reader do with the result list?
- Can I export my result list?
- What happens if I click on "Download covers"?
- Why do the result on some results sometimes only approximate?
- Why is the list limited to 500 results?
- Can I deactivate the highlighting?
- Why is it that certain documents are sometimes not displayed in the result list?
- Can I sort the result list?
- What happens if I click on the star icon?
- What are X-P documents?
- Can I save my query?

Related links

Result list

Select all (0/25) Compact Export (CSV|XLS)

Approximately 139 results found in the worldwide database for:
 electric vehicle hybrid solar in the title or abstract

Sort by Sort order

1	Vehicle-mounted hybrid energy management system	Inventor: ZHOU YIFAN LIU YIMENG (+1)	Applicant: ARMADILLO SPECIALTY VEHICLES LTD	CPC: H02J1/00	IPC: H01J1/02	Publication info: CN204046106 (U) 2014-12-24	Priority date: 2014-01-06
2	Open energy system	Inventor: CARTER CASSANDRA ARINA HAWKINS JUSTIN ROBERT I [US]	Applicant: CARTER CASSANDRA ARINA [US] HAWKINS JUSTIN ROBERT I [US]	CPC: H02J1/00 H02J10/00 H02J20/00 (+7)	IPC: H01J1/02	Publication info: US2014270720 (A1) 2014-11-20	Priority date: 2013-05-17
3	SOLAR ENERGY CHARGING HYBRID TRANSPORTATION VEHICLE AND OPERATION METHOD THEREOF	Inventor: LEE JOON YUL [KR]	Applicant: LEE JOON YUL [KR]	CPC: Y02T10/7083	IPC: B60L5/00 B60W10/113 D06M20/00 (+1)	Publication info: KR20140115027 (A) 2014-03-30	Priority date: 2013-03-20
4	Electric power and gas hybrid vehicle	Inventor: ZHU HONG LUO DI	Applicant: FUZHOU HUAYING HEAVY IND MACHINERY CO LTD	CPC:	IPC: B60K5/00	Publication info: CN104085237 (A) 2014-10-03	Priority date: 2014-07-21
5	Moving supermarket commercial food vehicle	Inventor: QU JINSHENG	Applicant: QU JINSHENG	CPC:	IPC: B60P3/025	Publication info: CN103062406 (A) 2014-07-30	Priority date: 2013-10-08
6	Self-charging wheel motor hybrid power generated from secondary windings by driving wheels for electric vehicle	Inventor: CHEN YUANMING ZHU WENLI	Applicant: CHEN YUANMING	CPC: Y02T10/7083	IPC: B60L5/00	Publication info: CN203766541 (U) 2014-03-24	Priority date: 2014-03-24
7	Electric network for vehicles network for supplying e.g. wheel feeding element of hybrid vehicle from central device designed such that output voltage is adjusted to target output voltage that is higher than storage device nominal voltage	Inventor: MÜLLER TODIAS CARSTEN [FR] GUSALKE ANDRIAS [DE] (+2)	Applicant: VOLKSWAGEN AG [DE]	CPC: D06F1/00420 H02J1/00 B60W2/6003 (12)	IPC: D06F1/00 H02J1/00 H02J1/35	Publication info: DE102013000940 (A1) 2014-07-24	Priority date: 2013-01-21
8	Hybrid power electric vehicle						

การสืบค้นหาสัญลักษณ์จำแนกการประดิษฐ์

หาสัญลักษณ์จำแนกการประดิษฐ์

ระบุ คีย์เวิร์ด หรือ สัญลักษณ์จำแนกการประดิษฐ์ (IPC) ได้

สัญลักษณ์ * บ่งบอกว่าโอกาสจะอยู่ใน IPC อะไร

The screenshot shows the Espacenet website interface. At the top left is the logo for the European Patent Office (EPO) in German, English, and French. The main header is 'Espacenet'. On the right, there are language options (Deutsch, English, Français) and a 'Change country' dropdown. Below the header, there are navigation links: 'About Espacenet', 'Home', 'Settings', 'Search', 'Result list', 'Advanced search', and 'Classification search'. The search bar contains the text 'electric vehicle hybrid solar' and a 'Search' button. Below the search bar, there are navigation links: 'View section', 'Index', and a list of letters A through Y. The main content area is titled 'Cooperative Patent Classification' and shows a list of classification symbols and descriptions. The list includes symbols like Y02T 10/00, B60L 8/00, Y02E 10/00, Y02T 90/00, B60K 15/00, B60K 6/00, H02J 7/00, and B60L 22/10/00. Each symbol is accompanied by a star icon and a checkbox. The descriptions provide detailed information about each classification, including sub-classifications and related terms.

Symbol	Classification and description
☆☆	<input type="checkbox"/> Y02T 10/00 Road transport of goods or passengers
☆☆☆☆☆	<input type="checkbox"/> B60L 8/00 Electric propulsion with power supply from force of nature, e.g. sun, wind
☆☆☆☆☆	<input type="checkbox"/> B60L 11/00 Electric propulsion with power supplied within the vehicle (B60L 8/00; B60L 13/00 take precedence; arrangements or mounting of plural diverse prime-movers for mutual or common propulsion; D80K 6/20; control systems specially adapted for hybrid vehicles; D80W 20/00)
☆☆☆☆☆	<input type="checkbox"/> Y02E 10/00 Energy generation through renewable energy sources
☆☆☆☆☆	<input type="checkbox"/> Y02T 90/00 Enabling technologies or technologies with a potential or indirect contribution to GHG emissions mitigation
☆☆☆☆☆	<input type="checkbox"/> B60K 15/00 Arrangements in connection with power supply from force of nature, e.g. sun, wind (electric propulsion with power supply from force of nature, e.g. sun, wind; B60L 8/00; off-road propulsion by wind motors driving water-engaging propulsive elements; D80H 10/00)
☆☆☆☆☆	<input type="checkbox"/> B60K 6/00 Arrangement or mounting of plural diverse prime-movers for mutual or common propulsion, e.g. hybrid propulsion systems comprising electric motors and internal combustion engines; Control systems therefor, i.e. systems controlling two or more prime-movers, or controlling one of these prime-movers and any of the transmission, drive or drive unit (arrangement or mounting in vehicles of electrical gearing, in which an electrical machine serves only as reduction gearing and not as the prime mover and in which no electrical storing means are used; B60K 17/12; control and regulation of purely electrical prime-movers; B60L, prime-movers comprising electrical and internal combustion motors in a common engine block or housing per se; F02B 65/00; electric motors or motor-generators used for starting the combustion engine; F02N 11/04; electric motors for synchronising gearing; F16H 3/2)
☆☆☆☆☆	<input type="checkbox"/> H02J 7/00 Circuit arrangements for charging or depolarising batteries or for supplying loads from batteries
☆☆☆☆☆	<input type="checkbox"/> B60L 22/10/00 Converter types

What is the meaning of the stars in front of the classifications found?
What does the text in brackets mean?

Selected classifications
nothing selected
Find patents
Copy to search form

สืบค้นด้วยการรวม คีย์เวิร์ด และ สัญลักษณ์จำแนกการประดิษฐ์

- [How do I enter words from the description or claims?](#)
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 - [How do I enter the names of persons and organisations?](#)
 - [What is the difference between the IPC and the CPC?](#)
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- Related links 

Free: pastor and oncology

Title or abstract: hair

electric vehicle hybrid solar

ระบุ คีย์เวิร์ด

Enter numbers with or without country code

Publication number: WIJ2008014520

Application number: DE19971031898

Priority number: WO1995115925

Enter one or more dates or date ranges

Publication date: yyyy/mmdd

Enter name of one or more persons/organisations

Applicant(s): Institut Pasteur

Inventor(s): Smith

Enter one or more classifications

CPC

IPC H03M1/12

FI/01

ระบุ สัญลักษณ์จำแนกการประดิษฐ์ (IPC)

ผลการสืบค้น 66
 คำขอ

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Simple search
 Advanced search
 Classified items search

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Related links

Result list

Select all (0/5) Export Paper (CSV) (0/5) Download entries Print

Approximately 66 results found in the worldwide database for: electric vehicle hybrid solar in the title or abstract AND B60L as the IPC classification

Sort by:

Result	Inventor	Applicant	CPC	IPC	Publication info	Priority date
1	SOLAR ENERGY CHARGING HYBRID TRANSPORTATION VEHICLE AND OPERATION METHOD THEREOF					
★	LEE JONG YUN (KR)	LEE JONG YUN (KR)	Y02T10/7033	B60L 5/00 B60W 10/13 B60W 20/00 (1)	EP 2014/19077 (A) 2014-03-20	2013-07-20
2	Self-charging wind-solar hybrid power generation assembly assisted by rising wings for electric vehicles					
★	DIEN YUANMING ZHU WENJUN	DIEN YUANMING	Y02T10/7033	B60L 0/00	CN 201700541 (U) 2014-05-15	2014-05-24
3	Hybrid power vehicle vehicle					
★	LIU JIE WU LIAO (4)	POTEMIC NEW ENERGY VEHICLE TECHNOLOGY CO LTD POTEMIC NEW ENERGY CO LTD	Y02T10/7033	B60K 7/00 B60L 0/00 H02J 7/00	CN 201307590 (U) 2014-05-11	2013-12-31
4	Method for controlling hybrid power source with electric energy storage					
★	GUO YU	BEIJING BROADVIEW TECHNOLOGY CO LTD	Y02T10/053	B60S 5/02 B60L 0/00 B60K 5/02	CN 201296118 (U) 2014-05-21	2012-05-16
5	Hybrid power vehicle vehicle					
★	LIU JIE WU LIAO (4)	POTEMIC NEW ENERGY VEHICLE TECHNOLOGY CO LTD POTEMIC NEW ENERGY CO LTD	Y02T10/053	B60K 7/00 B60L 0/00 H02J 7/00	CN 2013/07/75 (A) 2014-04-09	2013-12-31
6	Storage battery power supply system based on wind energy, vehicle, vehicle power system and vehicle					
★	YANG SHENG ZHANG WEN (4)	ZHENGAZHOU YU TONG BUS CO LTD	Y02T10/053	B60L 5/00 H02J 7/00	CN 20111553 (U) 2014-04-07	2012-10-10
7	Hybrid electric vehicle with electric energy as main energy and solar energy and wind energy as auxiliary energy					
★	WU HAO	KUNSHAN ZHENHONG ELECTRONIC MACHINERY CO L D	Y02T10/053	B60K 15/00 B60L 0/00	CN 20111528 (U) 2014-04-07	2012-07-11
8	Solar cell and electric hybrid power system					
★	ZHANG YEMING REN CHENJIA	UNIV OF WUZHOU	Y02T10/053 Y02T10/224	B60K 5/28 B60L 0/00	CN 20142050 (U) 2014-02-17	2013-07-20

ประมวลผลการเลือกเมนู GB register



Intellectual Property Office

Ipsum Online Patent Information and Document Inspection Service

[New search](#) [view on Espacenet™](#)

GB2470478 - Multi component propulsion systems for road vehicles

Case Details

Application Number	GB10000640
Application Source	Form 1
Publication Number	GB2470478
Status	Terminated before grant
Filing Date	18 May 2010
Publication Date	04 November 2010
Not in Force Date	05 November 2014
Priority Claims	18 May 2009 in United Kingdom [document:0000482]
Application Title	Multi component propulsion systems for road vehicles
Address for Service	BAIRDEN & ASSOCIATES 4 The Galilleways 2 High Street HARPENDEN Herts SG8 5JH United Kingdom [ALP Number 07/036/2002]
Applicant / Proprietor	LIBERTY ELECTRIC CAR LTD Incorporated in the United Kingdom The Oxford Science Park OXFORD OX2 4RA United Kingdom [ALP Number 1001000000]
Inventors	BARRY SHRIEK Magdalen Centre, Robert Robinson Avenue The Oxford Science Park OXFORD OX2 4UA United Kingdom [ALP Number 10010490001] IAN HUBBLY Magdalen Centre, Robert Robinson Avenue The Oxford Science Park OXFORD OX2 4UA United Kingdom [ALP Number 10010490001]

เลือกดูเอกสาร



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GR2470478 - Multi component propulsion systems for road vehicles

Documents

There are 23 documents able to be viewed for this case.

To view a document, please click the appropriate 'view' link. If you have a suitable PDF reader installed, the document should then open in a new browser window.

To download multiple documents as a single PDF file, select the documents you wish to download and click the 'Download Selected Documents' link at the bottom of the table.

Filter by document type:

- All
- Abstract
- Claims
- Description
- Drawings
- Exam report - Standard
- Filing receipt
- Letter - Agent
- Letter - Exam
- Letter - Formalities
- Priority document
- Publication document
- Search report - First

Date		Number of pages	View	
18 May 2009	Abstract	15	View	
18 May 2010	Claims	1	View	
18 May 2010	Description	7	View	
18 May 2010	Drawings	2	View	
18 May 2010	Exam report - Standard	3	View	
01 June 2010	Filing receipt	1	View	
01 June 2010	Letter - Agent	2	View	
01 June 2010	Letter - Exam	2	View	
01 June 2010	Letter - Formalities	3	View	
01 June 2010	Priority document	1	View	
01 June 2010	Publication document	2	View	
01 June 2010	Search report - First	7	View	
01 June 2010	Description	3	View	
01 June 2010	Claims	3	View	
09 September 2010	Abstract	1	View	
10 September 2010	Search report - First	2	View	
24 November 2010	Publication document	10	View	
04 May 2011	Letter - Formalities	1	View	
04 November 2013	Exam report - Standard	2	View	
04 November 2013	Letter - Exam	2	View	
06 January 2014	Letter - Agent	2	View	
06 March 2014	Claims	3	View	
06 March 2014	Filing receipt	1	View	
06 March 2014	Letter - Agent	1	View	
16 June 2014	Exam report - Standard	1	View	
16 June 2014	Letter - Exam	1	View	
14 August 2014	Letter - Agent	1	View	
04 February 2015	Letter - Formalities	1	View	

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Select the aspect of the case you wish to view:

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- Forms Filed
- Case Notes
- Classifications
- Citations
- Field of Search

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Search Results list My patents list (0) Query history Settings Help

Refine search → Results page 1 → EP2851229 (A1)

EP2851229 (A1)
Bibliographic data
Description
Claims
Abstract
Original document
Cited documents
Citing documents
INPAD-OC legal status
INPAD-OC patent family

- Quick help
- What is meant by high quality text or facsimile?
 - What does A1, A2, A3 and D stand for after a European publication number?
 - What happens if I click on "in my patents list"?
 - What happens if I click on the "Register" button?
 - Why are some sidebar options deactivated for certain documents?
 - How can I bookmark this page?
 - Why does a list of documents with the heading "Also published as" sometimes appear, and what are these documents?
 - What is "Global Doublet"?
 - Why do I sometimes find the abstract of a corresponding document?
 - What happens if I click on the red "patent translate" button?

ดูข้อมูลการ
ดำเนินการ
เกี่ยวกับคำ
ขอ

Bibliographic data: EP2851229 (A1) — 2015-03-11

★ In my patents list Previous 1 / 500 Next EP Register Print

Control device for hybrid vehicle and control method for hybrid vehicle

Page bookmark: EP2851229 (A1) Control device for hybrid vehicle and control method for hybrid vehicle

Inventor(s): YAMANE FUTOSHI [JP]; ISHIKAWA MASAMI [JP]; MURAYAMA YOSHINARI [JP]; MURAOKA MITSUTOSHI [JP]; YOSHIDA TARO [JP]; FURUSAWA KENJI [JP] ±

Applicant(s): SAMSUNG SDI CO LTD [KR] ±

Classification:
- international: B60K 6/48; B60K 6/485; B60W 20/00
- cooperative: B60K 6/48; B60K 6/485; B60L 11/1803; B60W 20/00

Application number: EP20140183722 20140905

Priority number(s): JP20130184545 20130905; KR20140016244 20140212

Also published as: RU 3201-5069935 (A1)

Abstract of EP2851229 (A1)

Translate this text into Albanian powered by EPO and Google

A control device (100) for a hybrid vehicle includes: a current command value calculator (101) for calculating torque and a weak field current command values input to an inverter (3); and a current command value correction calculator (102) for calculating torque and weak field current correction values added to the torque and weak field current command values, wherein when an accumulation of electricity of an electricity storage device (4) is equal to or larger than a reference value, the current command value calculator (101) calculates the torque and weak field current command values to make a load applied to an engine (1) by a motor generator (20) zero, and the current command value correction calculator calculates the torque and weak field current correction values to make a load applied to the engine (1) by a motor driving system (2) other than the motor generator (20) zero.

About this file: EP2851229

[Refine search](#) [ST36](#) [Espacenet](#) [Submit observations](#) [Report error](#) [Print](#)

EP2851229 - **Control device for hybrid vehicle and control method for hybrid vehicle** [\(Right-click to bookmark this link\)](#)

status Request for examination was made
 Database last updated on 27.04.2015

Most recent event [1](#) 24.03.2015 Publication in section I I FP Bulletin published on 25.03.2015 [EPUB15131](#)

Applicant(s) For all designated states
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 150-20, Sanggye-dong, Gilsong-gu
 Yongin-si, Gyeonggi-do 449-517 / KR

[2015/13
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 Yokohama-shi / JP

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 Samsung I&D Institute Japan Co. Ltd.
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 Tsurumi-ku, Kanagawa-ken
 Yokohama-shi / JP

D3 / Miyayama, Yoshinari
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D5 / Yoshida, Taro
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 Tsurumi-ku, Kanagawa-ken
 Yokohama-shi / JP

D6 / Furusawa, Kenji
 Samsung R&D Institute Japan Co. Ltd.
 Sugawara-cho 2-7
 Tsurumi-ku, Kanagawa-ken
 Yokohama-shi / JP

[2015/13]

ดูเอกสาร
 ทั้งหมด

Quick help

- What happens when I click on the "MM," or "ST36"?
- What kind of information can be found if I click on "history" button?
- What kind of information can be found under "Y"?
- What do the "D" brackets stand for?
- What does "N" stand for?
- What does the "I" bracket stand for?
- What does "T" stand for?
- Is it possible to navigate through the result list?
- What kind of information can be found under "Legal status" or "Opposition"?

Maintenance news [+](#)

News flashes [+](#)

Related links [+](#)

(12) EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention
of the grant of the patent:
10.09.2003 Bulletin 2003/37

(51) Int. Cl.: A01N 25/02, A01N 27/00,
A01N 31/04, A01N 49/00

(21) Application number: 97936315.7

(86) International application number:
PCT/US97/12457

(22) Date of filing: 29.07.1997

(87) International publication number:
WO 98/04128 (05.02.1998 Gazette 1998)

(54) PESTICIDAL COMPOSITION AND METHOD OF USE

PEST ZIDE ZUSAMMENSETZUNG UND VERFAHREN ZUR ANWENDUNG
COMPOSITION PESTICIDE ET PROCEDE D'UTILISATION ASSOCIE

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE

(56) **References cited:**
DE-A- 3 901 341 FI-A- 2 759 546
US-A- 4 518 593 US-A- 4 506 488
US-A- 5 911 982 US-A- 5 518 736

(30) Priority 29.07.1996 US 29377 P
29.07.1997 US 901216

- DATABASE CHEMABS [On line] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; E. HAUBRUGE ET AL.: "The toxicity of five essential oils extracted from Citrus species with regard to Sitophilus zeamais Motsch (Col., Curculionidae), Prostophanus truncatus (Horn) (Col., Bostrychidae) and Tribolium castaneum Herbst (Col., Tenebrionidae)" retrieved from STN-INTERNATIONAL, accession no. 112:137816 CA XPO02146081 & MEDED. FAC. LANDBOUWWET., RIJKSUNIV. GENT, vol. 54, no. 3b, 1905, pages 1063-1093.
- DATABASE WPI Section Ch, Week 1993:2 Derwent Publications Ltd., London, GB; Class C03, AN 1993-066724 XPO02146002 & JP 05 035233 A (EARTH SEIYAKU KK), 15 February 1993 (1993-02-19)
- DATABASE WPI Section Ch, Week 1990:2 Derwent Publications Ltd., London, GB; Class C03, AN 1990-213163 XPO02146063 & JP 02 180779 A (KUBOTA WATER IND LTD) 31 May

(40) Date of publication of application
04.08.1999 Bulletin 1999/31

(70) Proprietor: Effcon, Inc.
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เลือก field combination

Operator	Field	Operator	Value
AND	English Description	-	shell
AND	English Description	=	motor
AND	English Description	=	plunger
AND	English AI	-	social
AND	International Class	-	B60L
AND	Applicant Name	-	
AND	International Class	=	
AND	Inventor Name	=	
AND	Office Code	-	
AND	English Description	-	
AND	English Claims	-	
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AND	Inventor Name	Is Empt:	<input checked="" type="radio"/> N/A <input type="radio"/> Yes <input type="radio"/> No

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Results 1 to 5 of 5 for Criteria: EN_De:shaft AND EN_De:motor AND EN_De:plunger AND EN_ALL:solar AND IC:BU...
Page 1 of 1
Refine Search

Analysis
Sort by: Relevance View: All List Length: 0 Machine translation

IntClass	ApplNo	Title	Applicant	Clr	PubDate
I 205784	02019916	Vehicle with solar cell	HONDA MOTOR CO LTD	EP	26.03.2003
<p>In store a solar cell panel, which is mounted on a motor-assisted vehicle in a roughly horizontal position, in a luggage basket so that the solar cell panel is not at the fundamental at horizontal line. A solar cell panel 8 is supported in a front face 17 in a horizontal position, to receive light in the cases of night or raining when sunlight is not received, the panel 8 is shifted in the basket 7. Particularly, the panel 8 is supported by a pivot shaft 26 near a rear wall of the basket 7 so that it can be swiveled relative to the basket 7. Guide surfaces of the basket 7 are provided with guide holes 7 for guiding the panel 8 through the pivot shaft 26 at the time of storing. The pivot shaft 26 is guided by the guide holes 27 and the panel 8 is stored in the basket 7 with the pivot shaft 26 on the lower side.</p>					
A 2011 21380	2034342	SUNSHINE ANGLE ADJUSTABLE SOLAR ENERGY ELECTRIC WHEEL CHAIR	Zhan Tianyi	US	06.01.2011
<p>A sunshine angle adjustable solar energy electric wheel chair, a solar energy cell is mounted on the electric wheel chair seats to charge up a storage battery left and right; horizontal pipes for mounting the cell are supported by four lifted stand pipes, the height of the lifted stand pipes is adjusted, i.e. the sunshine angle may be adjusted at six azimuth, so that the charging current is maximized.</p>					
A 411147		Solar powered vehicle		US	14.01.1989

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Cross lingual expansion

vehicle

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Query Language: English

Expansion Mode: Supervised

เพื่อเลือกสาขา

Precision Recall

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Input search terms

Query **Domains [AUTO,RAIL]**

[Help]

- [ADMN] Admin, Business, Management & Soc Sci
- [AERO] Aeronautics & Aerospace Engineering
- [AGRI] Agriculture, Fisheries & Forestry
- [AUDV] Audio, Audiovisual, Image & Video Tech
- [BLDC] Civil Engineering & Building Construction
- [CHEM] Chemical & Materials Technology
- [DATA] Computer Sci, Telecom & Broadcasting
- [ELEC] Electrical Engineering & Electronics
- [ENGY] Energy, Fuels & Heat Transfer Eng**
- [ENVN] Environmental & Safety Engineering
- [FOOD] Foods & Food Technology
- [GENN] Genes/Genes, Language, Media & Info Sci
- [HOME] Home Contents & Household Maintenance
- [HORO] Precision Mechanics, Jewelry & Horology

Add

Remove

- [AUTO] Automotive & Road Vehicle Engineering
- [RAIL] Railway Engineering

สาขาที่ต้องการหาค่า
synonym

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Input search terms

Term 1: vehicle

Variante Domain: [AUTO,RAIL]

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'vehicle' OR 'tractor' OR 'vertical' OR 'structures'

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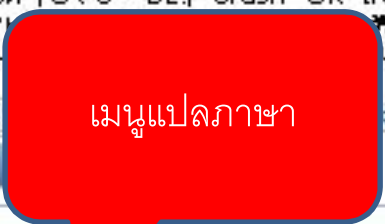
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ipatropa OR tiran OR koncipyavani OR obopyavani OR avtomobilnyykorobok OR "OR S" DE; orvan OR traktor OR "Fahrmaschine" OR "Maschine" OR "konstruktion" OR "aufgestaenke" OR "ein") OR 汽车" OR "机车" OR "车用" OR "拖拉机" OR "车款式" OR "工具" OR "装载机" OR "引" OR "之美"||/ANU 3090||

Office(s):all Language:EN Stemming:true

prev 1 2 3 4 5 6 7 8 U 10 next

Refine Search FP:{{EN_DE:"vehicle" OR "tractor" OR "vehicular" OR Search



Analysis

Sort by Reference View All List Length 10 Machine translation

Int Class	Appl No	Title	Applicant	Utr	Pub Date
1. 7232777	P0732777	PERFECCIONAMIENTOS INTRODUCIDOS EN SUSPENSIONES PARA VEHICULOS U OTROS	BUITA77ON, NDFMI	es	10.05.1957
<p>Perfeccionamientos introducidos en suspensiones para vehiculos u otros, caracterizados por consistir esencialmente segun la media expresada en un cilindro en el cual se desplaza un embolo diafragma libre. Dicho cilindro esta cerrado en su extremidad inferior, y el espacio asi limitado esta relleno de aire o gas inerte bajo presion.</p>					
2. 3249709	P0249709	CHASIS PARA VEHICULOS INDUSTRIALES Y COMERCIALES	LAGOINA VARGAS, PRUDENCIO	es	16.12.1959
3. 7293040	P0293040	DISPOSITIVO APTO PARA REALIZAR LA CONJUNCIÓN Y LA INTERCOMUNICACIÓN ENTRE DOS SEGMENTOS DE UN VEHICULO ARTICULADO	OFFICINE VIBERTI, SOCIETÀ PER AZIONI	es	01.09.1964
4. 3295562	P0295562	PERFECCIONAMIENTOS EN INSTALACIONES TRANSPORTADORAS	FISHER & LUDLOW, LIMITED	es	01.05.1964
5. 3295238	P0295238	MEDIO DE TRANSPORTE	SAFEIG-TRANSPORT	es	16.03.1964
6. 1997/02108	1997/02108	BULK MATERIAL HANDLING VEHICLE	UNITED OSTERMEYER ENG PTY LTD	za	26.11.1997
<p>A vehicle comprising a chassis supported on a plurality of wheels to render it mobile, a load carrying body supported on the chassis for movement in a vertical direction and a lateral direction relative to the chassis. The body having a selectively openable discharge passage arranged to discharge material from the bottom of the body laterally to one side of the chassis. A floor structure forms the major portion of the bottom of the body, and is rounded to pivotal movement relative to the remainder of the body from a position closing the bottom of the body to a position diametrically inclined from one side of the body toward the opposite side. The floor thereby forming a chute to direct material to gravity flow from the body down the chute to</p>					

ข้อมูลเบื้องต้นของคำขอ

51 (WO/2016/055127) MOTOR VEHICLE HAVING AN AIR-CONDITIONING SYSTEM

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

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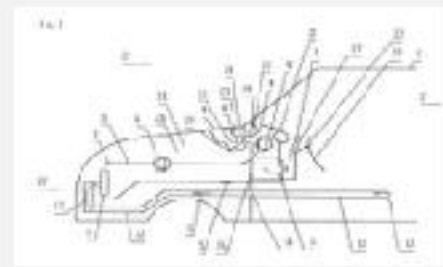
Pub. No.: WU/2016/066127 International Application No.: PCT/EP2016/01078
 Publication Date: 23.04.2016 International Filing Date: 30.09.2014
 IPC: B60H 1/00 (2005.01), B60H 1/32 (2006.01) B60H 3/02 (2006.01)

Applicants: WEIDMANN PLASTICS TECHNOLOGY AG (CH/CH); Neue Jonastrasse 60 CH-0840 Rapperswil (CH)
 Inventors: DAL VECCIO, Piero; (CH);
 HARKE, Stefan; (CH);
 MÜLLER, Armin; (CH);
 DÖLSTERLI, Christian; (CH)

Agent: KULL, Andreas; (CH)
 Family Data: 1170015 14 10 2015 CH

Title: (DE) KRAFTFAHRZEUG MIT EINER KLIMANLAGE
 (EN) MOTOR VEHICLE HAVING AN AIR-CONDITIONING SYSTEM
 (FR) VÉHICULE AUTOMOBILE AVEC CLIMATISATION

Abstract: (DE) Es wird ein Kraftfahrzeug (1) vorgeschlagen mit einem Fahrgastinnenraum (2) sowie einem Motorraum (26), wobei der Fahrgastinnenraum (2) vom Motorraum (26) durch eine Stirnwand (25) getrennt ist, mit einer Klimaanlage (3) zum Heizen und/oder Kühlen des Fahrgastinnenraumes (2), die einen Ventilator (6), ein Expansionsventil (5), einen ersten Wärmeüberträger (4) und mindestens einen zweiten Wärmeüberträger (7) umfasst, welche mittels eines Wärmeübertragungsmediums fluidisch miteinander verbunden sind, weiter umfassend eine erste Leitstruktur (8) zur Leitung eines ersten Luftstroms (11) von einem äusseren Karssohlerohrbrunn (9) in den ersten Wärmeüberträger (4), der geeignet ist, einen Energieaustausch zwischen dem Wärmeübertragungsmedium und dem ersten Luftstrom (11) darzustellen, wobei der erste Wärmeüberträger (4) mit dem Fahrgastinnenraum (2) verbunden ist, zum Zuführen des ersten Luftstroms (11) in den Fahrgastinnenraum (2). Erfindungsgemäss ist eine zweite Leitstruktur (12) zur Leitung eines zweiten Luftstroms (13) vorgesehen, die geeignet ist, Luft aus dem Fahrgastinnenraum (2) in den



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51. (WO/2015/055427) MOTOR VEHICLE AMV...

Publ. No.

Description

Claims

National Phase

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Kraftfahrzeug mit einer Klimaanlage

Gegenstand

Die Erfindung betrifft ein Kraftfahrzeug mit einem Fahrgastinnenraum sowie einem Motorraum, wobei der Fahrgastinnenraum vom Motorraum durch eine Abgrenzung getrennt ist, mit einer Klimaanlage zum Heizen und/oder Kühlen des Fahrgastinnenraumes, die einen Verdichter, ein Expansionsventil, ein erstes Wärmeübertragungsmedium zum Heizen und/oder Kühlen des Fahrgastinnenraumes, ein zweites Wärmeübertragungsmedium zum Heizen und/oder Kühlen des Motorraumes, wobei beide Wärmeübertrager mit dem ersten und dem zweiten Wärmeübertragungsmedium verbunden sind, weiterhin umfassend eine erste Leitstruktur zur Leitung eines Luftstroms von einem äußeren Karosseriedurchbruch in den ersten Wärmeübertrager, der geeignet ist, einen Energieaufwand zwischen dem Wärmeübertragungsmedium und dem Luftstrom darzustellen, wobei der erste Wärmeübertrager mit dem Fahrgastinnenraum verbunden ist zum Zuführen des ersten Luftstroms in den Fahrgastinnenraum.

Stand der Technik

Kraftfahrzeuge mit Klimaanlage sind zum Kühlen eines Fahrgastinnenraumes geeignet, sind jedoch weniger geeignet, um die Erwärmung des Fahrgastinnenraumes auszugleichen. Abgesehen von dem Abstrahlprinzip (gegenstandlos) basieren diese auf einer Klimaanlage, die einen Verdichter, ein Expansionsventil, ein erstes Wärmeübertragungsmedium zum Heizen und/oder Kühlen des Fahrgastinnenraumes, ein zweites Wärmeübertragungsmedium zum Heizen und/oder Kühlen des Motorraumes, wobei beide Wärmeübertrager mit dem ersten und dem zweiten Wärmeübertragungsmedium verbunden sind, weiterhin umfassend eine erste Leitstruktur zur Leitung eines Luftstroms von einem äußeren Karosseriedurchbruch in den ersten Wärmeübertrager, der geeignet ist, einen Energieaufwand zwischen dem Wärmeübertragungsmedium und dem Luftstrom darzustellen, wobei der erste Wärmeübertrager mit dem Fahrgastinnenraum verbunden ist zum Zuführen des ersten Luftstroms in den Fahrgastinnenraum.

Stand der Technik

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Ein Kraftfahrzeug mit einer Klimaanlage, die zum Heizen und/oder Kühlen des Fahrgastinnenraumes geeignet ist, ist in der DE 190 068 54 A1 angegeben. Diese Klimaanlage umfasst ein erstes Wärmeübertragungsmedium zum Heizen und/oder Kühlen des Fahrgastinnenraumes, ein zweites Wärmeübertragungsmedium zum Heizen und/oder Kühlen des Motorraumes, wobei beide Wärmeübertrager mit dem ersten und dem zweiten Wärmeübertragungsmedium verbunden sind, weiterhin umfassend eine erste Leitstruktur zur Leitung eines Luftstroms von einem äußeren Karosseriedurchbruch in den ersten Wärmeübertrager, der geeignet ist, einen Energieaufwand zwischen dem Wärmeübertragungsmedium und dem Luftstrom darzustellen, wobei der erste Wärmeübertrager mit dem Fahrgastinnenraum verbunden ist zum Zuführen des ersten Luftstroms in den Fahrgastinnenraum.

gestimmten, klärenden und übersichtlichen Zustand anliegt. Ein Verdichter befindet das Wärmeübertragungsmedium in dem Hochdruckzustand und ein Expansionsventil und ein anderer Wärmeübertrager, der geeignet ist, einen Energieaustausch zwischen dem Wärmeübertragungsmedium und einem Luftstrom darzustellen, der in den Fahrgastinnenraum geleitet wird. In einem zweiten Wärmeübertrager, typischerweise des Wärmeübertragungsmediums sind ca. 0 bis 70 bar für die flüssige Wärmeübertragungsmedium und bis 150 bar für Kondensat. Die Klimaanlage kann in der Regel ohne Verdichter und Expansionsventil betrieben werden. In einem Ausführungsbeispiel kann die Klimaanlage in der Regel ohne Verdichter und Expansionsventil betrieben werden, die geeignet ist, unabhängig von der Art und dem Betriebszustand eines Verdichters das Kraftfahrzeug, -einzelne oder den Fahrgastinnenraum zur Verfügung zu stellen, das auch im Kompressor als Kälteanlage betrieben werden, die geeignet ist, Kälteenergie dem Fahrgastinnenraum zur Verfügung zu stellen. Aus bevorzugtes

Wärmeübertragungsmedium wird verdichtet, während eine vorzählige. Solche Klimaanlage weisen jedoch unabhängig von der Wahl des Wärmeübertragungsmediums zu dessen Betrieb einen hohen Energiebedarf auf.

Zur Verbesserung der Stabilität der Klimaanlage, sind die Betriebsfähigkeit unter verschiedenen Umständen herbeizuführen, um zu vermeiden, dass die

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บทคัดย่อ

สิ่งประดิษฐ์ที่披露ซึ่งกล่าวถึงระบบการแปลงสัญญาณของสัญญาณวิทยุเคลื่อนที่ที่ดำเนินการเพื่อให้บริการเคลื่อนที่/โทรศัพท์เคลื่อนที่แบบเคลื่อนที่หรือระบบการเคลื่อนที่แบบเคลื่อนที่อื่น ๆ โดยที่การแปลงสัญญาณวิทยุเคลื่อนที่ดังกล่าวจะดำเนินการโดยระบบการเคลื่อนที่แบบเคลื่อนที่หรือระบบการเคลื่อนที่อื่น ๆ โดยที่การแปลงสัญญาณวิทยุเคลื่อนที่ดังกล่าวจะดำเนินการโดยระบบการเคลื่อนที่แบบเคลื่อนที่หรือระบบการเคลื่อนที่อื่น ๆ

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เพื่อปรับปรุงประสิทธิภาพของสัญญาณวิทยุเคลื่อนที่ที่ให้บริการแก่ผู้ใช้บริการเคลื่อนที่แบบเคลื่อนที่หรือระบบการเคลื่อนที่อื่น ๆ โดยที่การให้บริการดังกล่าวจะดำเนินการโดยระบบการเคลื่อนที่แบบเคลื่อนที่หรือระบบการเคลื่อนที่อื่น ๆ



51 (WO/2015/055437) MOTOR VEHICLE HEATING

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Kraftfahrzeug mit einer Klimaanlage

Gegenstand

Die Erfindung betrifft ein Kraftfahrzeug mit einem Fahrgastinnenraum sowie einem Motorraum, wobei der Fahrgastinnenraum von einer Stirnwand getrennt ist mit einer Klimaanlage zum Heizen und / oder Kühlen des Fahrgastinnenraumes, die einen Verdichter, Expansionsventil, einen ersten Wärmeübertrager und mindestens einen zweiten Wärmeübertrager umfasst, welche mittels eines Wärmeübertragungsmediums hydraulisch miteinander verbunden sind, werner umfassend eine erste Leitstruktur zur Leitung eines Leitesseien Karosseriedurchbruch in den ersten Wärmeübertrager, der geeignet ist, einen Energieaustausch zwischen dem Wärmeübertrager und dem Luftstrom darzustellen, wobei der erste Wärmeübertrager mit dem Fahrgastinnenraum verbunden ist zum Zuführen des Luftstroms in den Fahrgastinnenraum.

Stand der Technik

Kraftfahrzeuge mit Klimaanlage, die zum Kühlen eines Fahrgastinnenraumes geeignet sind, sind dem Fachmann seit langem bekannt. In dem in dem obigen Abschnitt "Gegenstand" beschriebenen Bereich der erste Wärmeübertrager als sogenannte Verdampfer zum Übertragen von Kälteenergie auf den Luftstrom, welcher dem Fahrgastinnenraum zugeführt wird, ausgeführt ist. Es ist bekannt, dass derartige Klimaanlagen nur mit einem hohen Energieaufwand betrieben werden können.

Ein Kraftfahrzeug mit einer Klimaanlage, die zum Heizen und / oder Kühlen des Fahrgastinnenraumes geeignet ist, ist in der DE 160 086 54 A1 angegeben. Diese Klimaanlage umfasst ein Wärmeübertragungsmedium, welches phasenweise im

gasförmigen, flüssigen und überkritischen Zustand vorliegt. Ein Verdichter fördert das Wärmeübertragungsmedium unter hohem Druck über ein Expansionsventil und einen ersten Wärmeübertrager, der geeignet ist, einen Energieaustausch zwischen dem Wärmeübertragungsmedium und einem Luftstrom darzustellen, der in den Fahrgastinnenraum geleitet wird, hin zu einem zweiten Wärmeübertrager. Typische Drücke des Wärmeübertragungsmediums sind ca. 3 bis 23 bar für fluorierte Wärmeübertragungsmedien und bis 160 bar für Kohlendioxid. Die Klimaanlage kann durch geeignete Wahl und Verbohaltung der gewählten Komponenten der Klimaanlage sowohl im Heizmodus als sogenannte Wärmepumpe betrieben werden, die geeignet ist, unabhängig von der Art und dem Betriebszustand eines Triebwerks des Kraftfahrzeuges, Heizenergie für den Fahrgastinnenraum zur Verfügung zu stellen, als auch im Kühlmodus als Kälteanlage betrieben werden, die geeignet ist, Kälteenergie dem Fahrgastinnenraum zur Verfügung zu stellen. Als bevorzugtes

Wärmeübertragungsmedium sind nennlich Kohlendioxid vorgeschlagen. Solche Klimaanlagen weisen jedoch unabhängig von der Wahl des Wärmeübertragungsmediums zu dessen Betrieb einen hohen Energiebedarf auf.

Zur Verbesserung der Wirksamkeit der Klimaanlage, d.h. der Betriebsfähigkeit unter ungünstiger Umgebungsbedingungen, muss zudem häufig bei

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Application No.(APP) ex) 1020020012345 and
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 Abstract(AD) ex) car + clutch, "data signal" and
 Claim(CT) ex) car + clutch, "data signal" and

Name/Code/Address

Applicant(AP) ex) Korea, P10000004071, Seoul University and
 Agent(AA) ex) KIMJubHee, P1000000344, Seoul and

Inventor(I) ex) KIMJubHee, 4100000344, Seoul and
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Unexamined [1] STRUCTURES AND METHODS FOR HIGH EFFICIENCY COMPOUND SEMICONDUCTOR SOLAR CELLS (고효율 화합물 반도체 태양 전지를 위한 구조 및 방법)

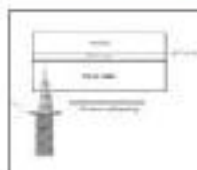
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IPC: H01L 31/748 H01L 31/718
App. cat. No.: 20147027472
Registration No.:
Unexam. Pub. No.: 20147136817
Agent: MJHANK PATENT & LAW FIRMApplicant: Silex, Inc.
Application Date: 2014.09.25
Registration Date:
Unexam. Pub. Date: 2014.12.04
Inventor: KAHN, Peter | MOSE-HIL, Mohd, M

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Unexamined [2] SYSTEMS AND METHODS FOR LASER SPLITTING AND DEVICE LAYER TRANSFER (레이저 분할 및 디바이스 층 전이를 위한 시스템 및 방법)

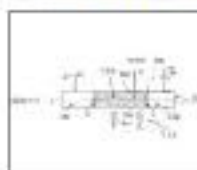
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IPC: H01L 21/201 H01L 21/200
App. cat. No.: 20141473119
Registration No.:
Unexam. Pub. No.: 20141440593
Agent: MJHANK PATENT & LAW FIRMApplicant: Silex, Inc.
Application Date: 2014.09.25
Registration Date:
Unexam. Pub. Date: 2014.12.04
Inventor: YONEDA, Tetsuo | NAKA, Hiro, M | SCUTTEN, S

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Registered [3] WAVELENGTH SPECIFIC SILICON BASED LIGHT EMITTING DEVICE (파장 특이 실리콘계 발광 소자)

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IPC: H01L 33/00
App. cat. No.: 20127000895
Registration No.: 13816261111
Unexam. Pub. No.: 2012181139
Agent: Sun, Chang KyuApplicant: Tshwane University of Technology
Application Date: 2012.02.12
Registration Date: 2014.03.01
Unexam. Pub. Date: 2012.02.27
Inventor: SONYAHL, Erik, J, Will, H

- More

Unexamined [4] LAYERED DIELECTRIC ON SILICON CARBIDE SEMICONDUCTOR STRUCTURES (실리콘 카바이드 반도체 구조 상의 층상 유전체)

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IPC: H01L 29/78

Applicant: TSMC, Inc.

- Detail Information
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10 Items

Application No.

- 10-2014-0027472
- 10 / 7027000
- 1-20 0-7000897
- 1-2001-0026528
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- 1-20 0-7022018
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STRUCTURES AND METHODS FOR HIGH EFFICIENCY COMPOUND SEMICONDUCTOR SOLAR CELLS
고효율 화합물 반도체 태양전지용 위상 구조 및 기판

Details Examination Full Text Administrative

Details Diagram Information Legal Status Claim Designated Class Prior Art Document(s)

(51) Int. Cl. H01L 31/02 (2014.01), H01L 31/027 (2012.01), H01L 31/023 (2012.01)

(*) CPC (21) Application No.(Date) 1000 47227472 (20 / 02/2014)

(71) Applicant Sclerol, Inc.

Translation submission Date (20 / 03/2014)

(11) Patent No.(Date)

(65) Unexam. Pub. No.(Date) 1000 431000 7 (20 / 12/2013) Full Text Download

(11) Publication No.(Date)

(06) Int'l Application No.(Date) PCT/US2013/023100 (20 13 02 20)

(07) Int'l Exam. Pub. No.(Date) WO 2014/ 0014020 (20 13 08 15)

(30) Priority info. (Country / No. / Date) KR-10 2013-014005 (2013 05 20)

Legal Status Inexamined

Final Status of Examination Proceeding

Final Info

Kind/Right of Org. Application International application /

Right of Org. Application No. (Date)

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Request for an examination N (Date)

Number of examination claims 10

Abstract (Machine Translation) The invention provides the structure of the stacked of the crystallization compound semiconductor material of the relatively thin layer and separation from the substrate the part including the thin oxide layer which is not restricted to the GaAs on the crystalline silicon substrate water film used in the structure of the solar cell based on the crystallization compound semiconductor substrate member for a solar cell (a) and the substrate (b)...

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	AU-A1:	polymer, a plastic, a glass, quartz, a dielectric material, a semiconductor, silicon, germanium, ceramic, and a metal or metal alloy. [0062] Embodiment					
2	2013251282	Photovoltaic cells with processed surfaces and related applications	MH Solar Co., Ltd.	Sater, Bernard L.	2013-11-01	GRANTED	<input type="checkbox"/>
	AU-B2:	has relied heavily on the availability of low cost scrap grade semiconductor silicon to manufacture conventional solar cells. It					
3	2013251281	Photovoltaic cells with processed surfaces and related applications	MH Solar Co., Ltd.	Sater, Bernard L.	2013-11-01	LAPSED	<input type="checkbox"/>
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4	2013216804	High-speed on demand droplet generation and single cell encapsulation driven by induced cavitation	The Regents of the University of California	Chiou, Pei-Yu; Wu, Ting-I Isiang S.; Park, Sung-Yong; Teifell, Michael A.	2013-02-08	FILED	<input type="checkbox"/>
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5	2013209293	THINNED AND FLEXIBLE SEMICONDUCTOR ELEMENTS ON	JOHNSON & JOHNSON VISION	Pugh, Randall B.; Rital, James Daniel; Otts, Daniel B.; Toncr,	2013-07-23	FILED	<input type="checkbox"/>

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(54) Title
Photovoltaic cells with processed surfaces and related applications

(51) International Patent Classification(s)
H01L 31/05 (2006.01)

(21) Application No: **2013251282**

(22) Date of Filing: **2013.11.01**

(43) Publication Date: **2013.11.21**

(43) Publication Journal Date: **2013.11.21**

(44) Accepted Journal Date: **2014.12.04**

(62) Divisional of:
2009281960

(71) Applicant(s)
MH Solar Co., Ltd.

(72) Inventor(s)
Sater, Bernard L.

(74) Agent / Attorney
Davies Collison Cave, Level 15 1 Nicholson Street, MELBOURNE, VIC, 3000

(56) Related Art
US 2004/0200523 A1
US 4174561 A
Miller E. L. et al., "Design considerations for a hybrid amorphous silicon/ photoelectrochemical multijunction cell for hydrogen production", International Journal of Hydrogen Energy 28 (2003) 615 - 623.

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


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