



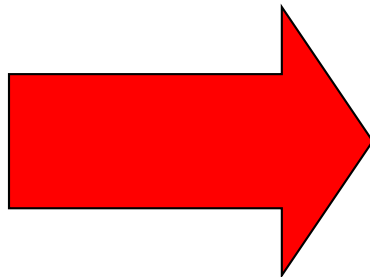
PATENTSCOPE:

Retrospective of 2020 and plans
for 2021

Sandrine Ammann
Marketing & Communications Officer

**Virtual
December
2020**

Click the *Raise hand* button if you hear me otherwise send me a message please!

The screenshot shows the GoToWebinar interface. At the top is a menu bar with 'File', 'View', and 'Help'. Below it is a vertical toolbar with three icons: a red arrow (highlighted by the red arrow in the image), a blue square, and a green hand. The main content area is divided into two panels. The top panel is titled 'Audio' and contains the following text: 'Audio Mode: Use Telephone Use Mic & Speakers', 'Dial: +1 (516) 453-0014', 'Access Code: 487-526-829', and 'You are connected to audio'. Below this is a 'Talking:' section. The bottom panel is titled 'Questions' and contains a large empty text area with a 'Send' button at the bottom right. At the very bottom of the interface, there is a banner with the text 'EHR Reporting with Crystal Report - Dry Run', 'Webinar ID: 850-780-150', and the 'GoToWebinar™' logo.



THE
Adventure
BEGINS



File View Help

Audio

Telephone

Mic & Speakers [\(test\)](#)

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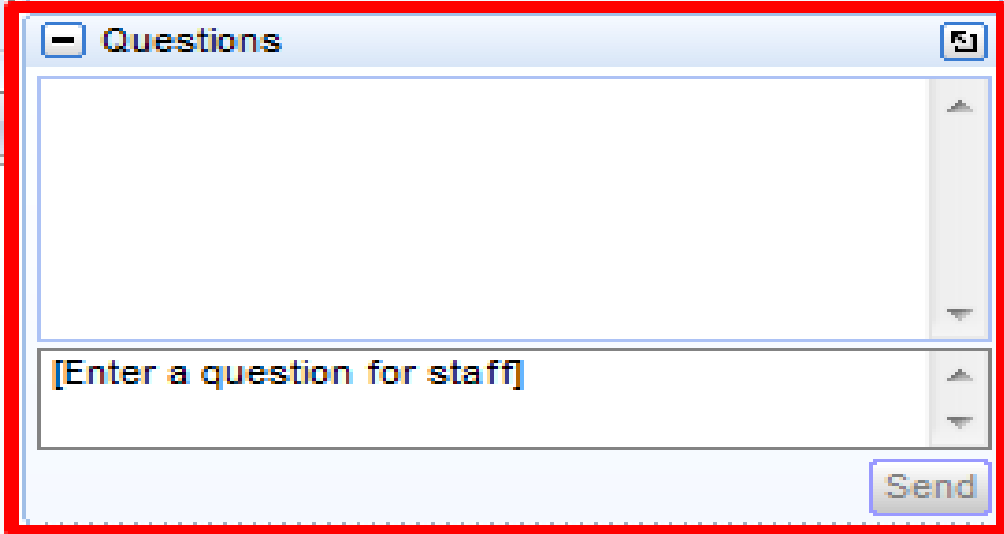
Questions

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GoToWebinar



Questions/concerns

patentscope@wipo.int

Agenda

- Retrospective of 2020
- 2021 plans
- Q&A session



New tool

WILDCARD VS STEMMING

This page shows the different result a wildcard matches as opposed to using the stemming option

Enter a word



Compare to

Stemming

No records found.

Wildcard *

No records found.

Enter a word

electrical



Compare to

Stemming electrical

Wildcard electrical*

electric

electrical

electrical

electrically

electrically

electricallyinsulating

electricity

electricalsignal

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electrization

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Stemming

ADVANCED SEARCH ▾

Search terms...

Query Assistant Query Examples

Expand with related terms

Offices

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Stemming

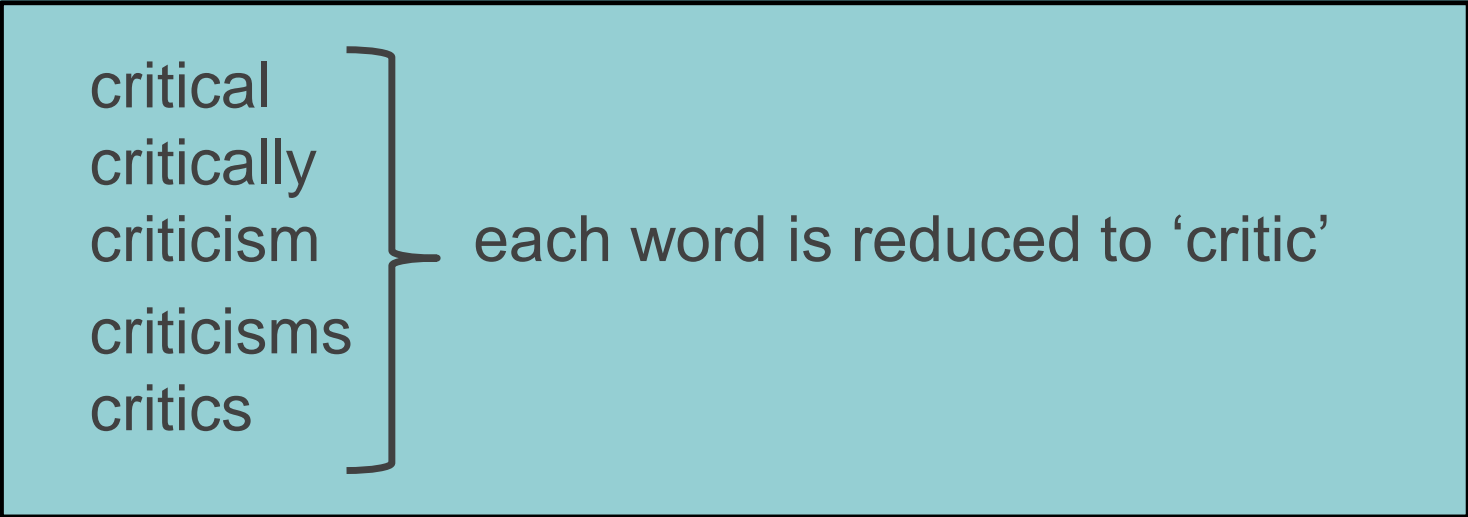
Single Family Member

Reset

Search

Stemming

- Stem = stemming
- Process that removes common endings from words.



A diagram illustrating the process of stemming. On the left, a list of words is shown: 'critical', 'critically', 'criticism', 'criticisms', and 'critics'. A large right-facing curly bracket groups these words. To the right of the bracket, the text 'each word is reduced to 'critic'' is written, indicating the result of the stemming process.

critical
critically
criticism
criticisms
critics

each word is reduced to 'critic'

Search without stemming

EN_AB:(metal support)



122,774 results

Offices All

Languages En

Stemming False



Analysis Sort: Relevance Per page: 10



Page
1 / 12,278



Machine translation View: All

1. [WO/2016/180328](#) DISTRIBUTED MATCHING ANTENNA DEVICE

WO - 17.11.2016

Int.Class [H01Q 1/24](#) Appl.No PCT/CN2016/081624 Applicant VIVO MOBILE COMMUNICATION CO., LTD. Inventor CHEN, Yuwen

Provided is a distributed matching antenna device, comprising: a mainboard, a feed source, a first metal support arm, a second metal support arm, an antenna coupling sheet and a first tuning device. The first metal support arm and the second metal support arm are arranged on the same straight line. A set gap is provided between an end of the first metal support arm and an end of the second support arm. The length of the first metal support arm is greater than the length of the second metal support arm. The antenna coupling sheet is disposed between the feed source and the first metal support arm. One side of the antenna coupling sheet is connected to the feed source, and the other side of the antenna coupling sheet is coupled with the first metal support arm. The first tuning device is disposed between the antenna coupling sheet and the first metal support arm, and is connected to the antenna coupling sheet and the first metal support arm respectively.

2. [WO/2013/019013](#) METAL STRUCTURE CATALYST AND PREPARATION METHOD THEREOF

WO - 07.02.2013

Int.Class [B01J 23/755](#) Appl.No PCT/KR2012/005904 Applicant KOREA INSTITUTE OF ENERGY RESEARCH Inventor KOO, Kee Young

The present invention relates to: a metal structure catalyst and a preparation method thereof, and more specifically to a method for preparing a metal structure catalyst, which comprises a step of forming metal precipitates on a metal support by contacting the metal support with a mixed solution comprising a precipitator and a precursor of a metal catalyst, and a step of forming metal particles by performing heat-treatment and reduction of the metal precipitates formed on the metal support; and a metal structure catalyst which comprises a metal support, a metal oxide layer formed on the metal support, and metal particles formed on the metal oxide layer, wherein the metal particles are uniformly distributed and the catalytic activity is improved.

3. [WO/2006/137358](#) HOMOGENEOUS, HIGHLY DISPERSED METAL CATALYST AND PROCESS FOR PRODUCING THE SAME

WO - 28.12.2006

Int.Class [B01J 27/045](#) Appl.No PCT/JP2006/312237 Applicant CHIYODA CORPORATION Inventor OKADA, Yoshimi

A homogeneous, highly dispersed metal catalyst which comprises a catalyst support and a catalyst metal deposited thereon in an almost evenly dispersed state throughout the support. It has excellent performances with respect to catalytic activity, selectivity, life, etc. The homogeneous, highly dispersed metal catalyst is a metal catalyst comprising a catalyst support comprising a metal oxide and, deposited on the support, a catalyst metal having catalytic activity, wherein the catalyst support is a sulfurized catalyst support having sulfur or a sulfur compound almost evenly distributed throughout the support and the catalyst metal is deposited on this sulfurized catalyst support in an almost evenly dispersed state throughout the support almost according to the distribution of the sulfur or sulfur compound.

4. [WO/2019/024397](#) MOBILE TERMINAL HAVING METAL SUPPORT

WO - 07.02.2019

Int Class H04M 1/04 Appl No PCT/CN2017/117582 Applicant SHENZHEN ZHANGYUE TECHNOLOGY CO., LTD. Inventor CHENG, Chang

Same search with stemming

EN_AB:(metal support)



257,706 results

Offices All Languages En Stemming True



Analysis Sort: Relevance ▼ Per page: 10 ▼

Page 1 / 25,771

Machine translation ▼ View: All ▼

1. [WO/2000/006298](#) METAL COMPLEXES SUITABLE FOR ATTACHMENT TO A SUPPORT AND SUPPORTED METAL COMPLEXES

WO - 10.02.2000

Int.Class [B01J 31/16](#) ? Appl.No PCT/GB1999/002427 Applicant THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS Inventor GANI, David

A functionalised support for use in the preparation of a supported metallic complex which comprises a polymer backbone bearing at least a functionalised site able to react with and bind at least one metallic atom or a metallic complex. A supported metallic complex obtained using the functionalised support: a metallic complex comprising at least one metallic atom and a ligand suitable to be attached to a polymer support; and a supported metallic complex obtained by attaching the metallic complex on a polymer support and their uses as catalysts.

2. [WO/2019/193432](#) METAL COATED HOLLOW ZEOLITES, METHODS OF MAKING, AND USES THEREOF

WO - 10.10.2019

Int.Class [B01J 37/06](#) ? Appl.No PCT/IB2019/051338 Applicant SABIC GLOBAL TECHNOLOGIES B.V. Inventor RAVON, Ugo

Supported catalysts are described. A supported catalyst can include a hollow zeolite support and a catalytic metal or metal oxide coating. The metal or metal oxide coating can be on at least a portion of the interior surface of the hollow zeolite support. Notably, the metal or metal oxide coating is not present on the exterior surface of the hollow zeolite support. Methods of making and using the supported catalytic metal coated hollow zeolite catalysts are also described.

3. [WO/2006/016633](#) EXHAUST GAS PURIFYING CATALYST AND PRODUCTION PROCESS THEREOF

WO - 16.02.2006

Int.Class [B01J 23/40](#) ? Appl.No PCT/JP2005/014707 Applicant TOYOTA JIDOSHA KABUSHIKI KAISHA Inventor IBE, Masaya

The present invention relates to an exhaust gas purifying catalyst comprising first and second metal oxide supports and a noble metal supported thereon, wherein the first and second metal oxide supports both have a primary particle diameter of less than 100 nm, primary particles of the first and second metal oxide supports are mixed with each other, and the amount of the noble metal supported per unit surface area of the first metal oxide support is larger than the amount of the noble metal supported per unit surface area of the second metal oxide support. Further, the present invention relates to a production process of the exhaust gas purifying catalyst.

4. [WO/2013/077165](#) SUPPORT FOR SUPPORTING METALS, METAL-SUPPORTED CATALYST, METHANATION REACTION APPARATUS, AND METHOD RELATING TO THESE

WO - 30.05.2013

Int.Class [B01J 37/08](#) ? Appl.No PCT/JP2011/076300 Applicant NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY Inventor OZAKI, Jun-ichi

Provided are a support for supporting metals, a metal-supported catalyst, a methanation reaction apparatus, and a method relating to these, which are capable of achieving the efficient methanation of carbon monoxide. The support for supporting metals according to the present invention comprises a carbonized material obtained by carbonizing a starting material including an organic substance and a metal, and supports metals exhibiting catalytic activity with respect to the methanation of carbon monoxide. The metal-supported catalyst according to the present invention has: a support comprising a carbonized material obtained by carbonizing

Wildcards/truncation : ? *

- * stands for 0 or more characters
- ? stands single character

te?t = test or text

electric* = electrical; electricity

behavi*r = behaviour or behavior

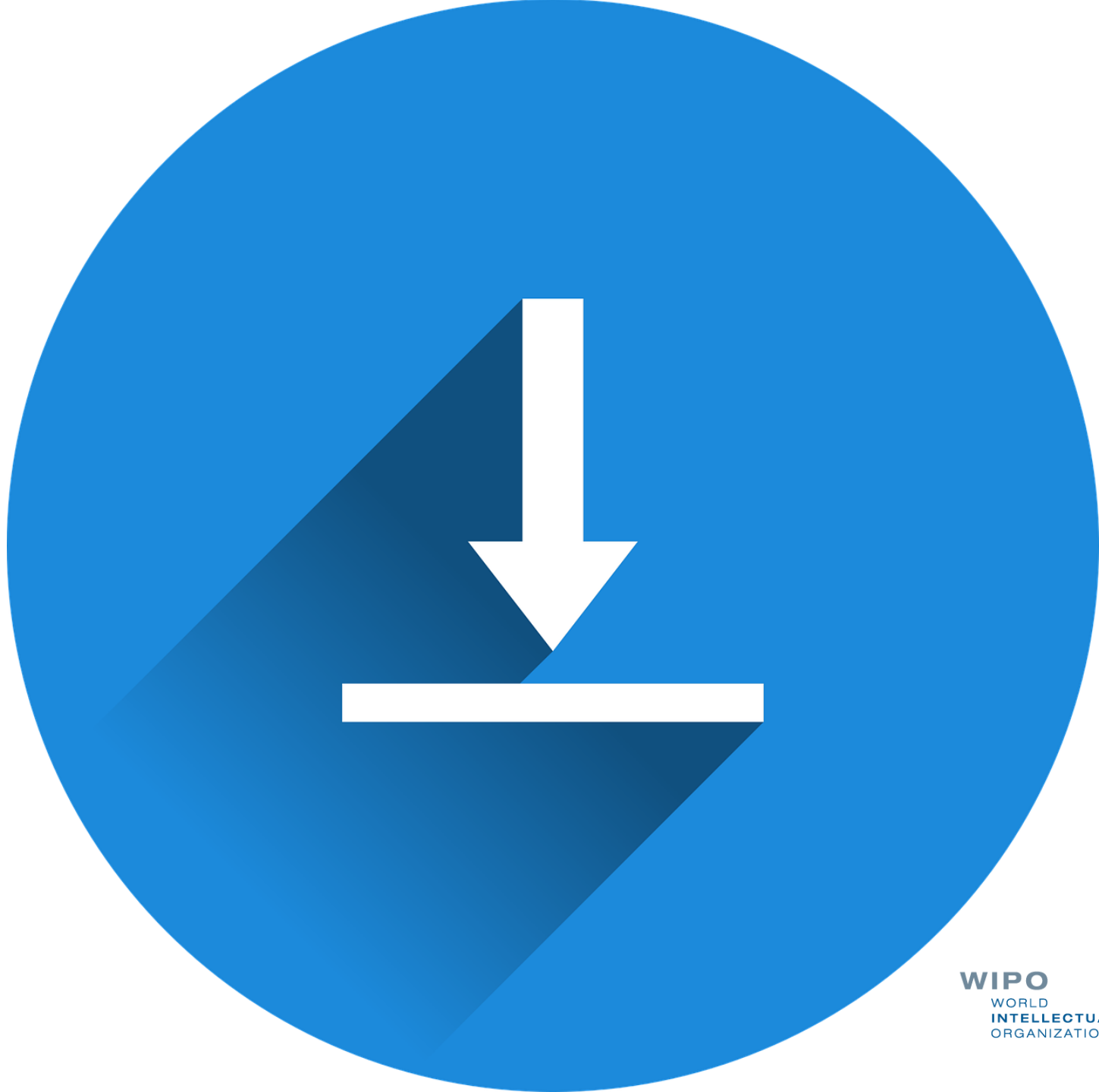
micro?p* = microspeaker, microsporidial

Wildcard vs stemming

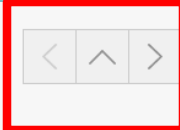
- Logic results:

- *navy*, *navies* or *naval* if $\text{nav}^* = \text{navigating, navigation,}$

- *electricity* or *electric* if $\text{elect}^* = \text{electoral}$



1. WO2020237267 - VIDEO GLASSES FOR USE WITH A STEREO MICROSCOPE FOR MICROSURGICAL PROCEDURES ON A PATIENT



PCT Biblio. Data Description Claims Drawings ISR/WOSA/A17[2][a] National Phase Notices Documents

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International Application Status			
Date	Title	View	Download
07.12.2020	International Application Status Report	HTML , PDF , XML	PDF , XML






Published International Application			
Date	Title	View	Download
03.12.2020	Initial Publication with ISR[(A1 49/2020)]	PDF (25p.)	PDF (25p.) , ZIP(XML + TIFFs)
			<input checked="" type="checkbox"/>

Search and Examination-Related Documents			
Date	Title	View	Download
03.12.2020	(ISA/210) International Search Report	PDF (4p.)	PDF (4p.) , ZIP(XML + TIFFs) , FullText
03.12.2020	Translation of the ISR	PDF (3p.)	PDF (3p.) , ZIP(XML + TIFFs) , FullText
03.12.2020	(ISA/237) Written Opinion of the International Searching Authority	PDF (7p.)	PDF (7p.) , ZIP(XML + TIFFs) , FullText
03.12.2020	Search Strategy	PDF (1p.)	PDF (1p.) , ZIP(XML + TIFFs)
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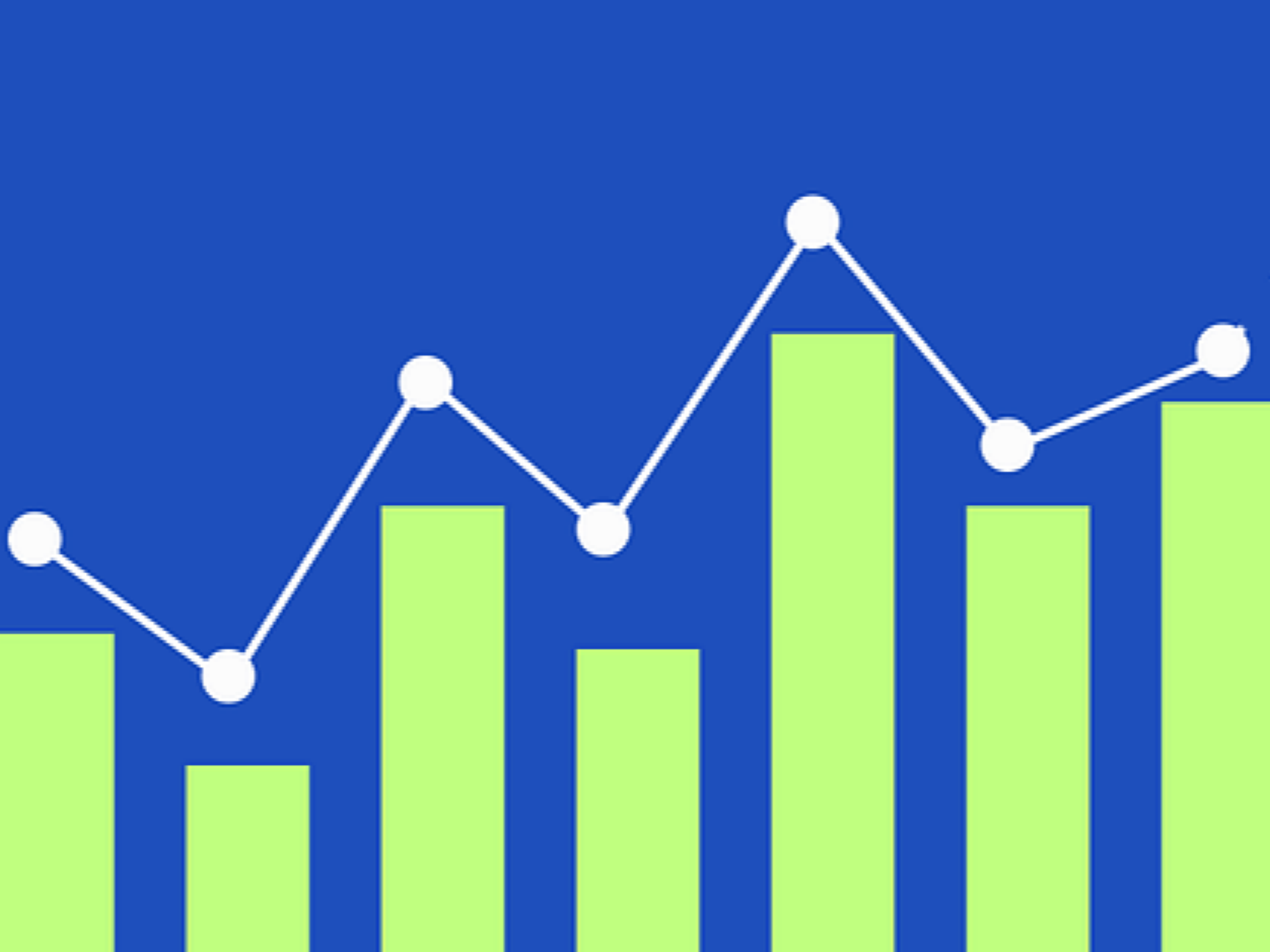
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Application ↕	Date ↕	Title ↕	Filename ↕	Pages ↕	Remove
W02014101982	30.06.2015	[[B/373] International Preliminary Report on Patentability Chapter I	W02014101982-IPRP1-20150630-9627.pdf	6	
W02014101982	03.07.2014	[[SA/210] International Search Report	W02014101982-ISR-20140703-7960.pdf	3	
W02020237267	03.12.2020	[[SA/210] International Search Report	W02020237267-ISR-20201203-6838.pdf	4	
W02020237267	03.12.2020	Initial Publication with ISR	W02020237267-PAMPH-20201203-6784.pdf	25	
W02020237277	03.12.2020	Initial Publication with ISR	W02020237277-PAMPH-20201203-6794.pdf	38	
W02020237287	03.12.2020	[[B/304] Notification Concerning Submission or Transmittal of Priority Document	W02020237287-IB304-20201203-3714.pdf	1	
W02020237287	03.12.2020	[[SA/202] Notification of Receipt of Search Copy	W02020237287-IS202-20201203-2376.pdf	1	
W02020237307	03.12.2020	[[SA/210] International Search Report	W02020237307-ISR-20201203-0016.pdf	5	
W02020237317	03.12.2020	Declaration	W02020237317-DECLA-20201203-5223.pdf	2	
W02020237327	03.12.2020	Declaration	W02020237327-DECLA-20201203-1255.pdf	1	

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ANALYSIS

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Offices		Applicants		Inventors		IPC code		Publication Dates		Kind code	
China	24,120,742	SAMSUNG ELECTRONICS CO., LTD.	363,526	THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED	103,302	G06F	4,021,235	1971	471,620	A	37,317,802
Japan	18,813,078	SIEMENS AG	225,408	WANG WEI	49,155	A61K	3,649,907	1972	515,928	U	15,209,946
United States of America	14,402,365	CANON INC	215,423	ZHANG WEI	42,775	H01L	3,044,804	1973	649,802	B2	8,672,555
Germany	8,184,713	MATSUSHITA ELECTRIC IND CO LTD	200,036	LI WEI	35,635	G01N	2,182,853	1974	727,344	A1	8,525,230
Republic of Korea	4,935,677	INTERNATIONAL BUSINESS MACHINES CORPORATION	199,204	WANG LEI	32,882	H04N	2,055,767	1975	770,483	B1	7,127,657
European Patent Office	4,109,893	LG ELECTRONICS INC.	195,661	LIU WEI	32,062	H04L	1,901,658	1976	804,779	B	5,349,879
PCT	3,919,388	TOSHIBA CORP	180,706	ZHANG LEI	31,083	A61P	1,729,625	1977	767,656	Y	1,444,517
Canada	2,728,564	SONY CORP	163,676	LI JUN	26,987	C07D	1,662,940	1978	730,584	C	1,220,624
France	2,467,928	HITACHI LTD	157,049	LIU YANG	25,678	A61B	1,532,404	1979	751,923	U1	919,657
United Kingdom	2,428,755	MITSUBISHI ELECTRIC CORP	144,003	CHEN WEI	25,081	B65D	1,512,106	1980	771,245	C2	710,266
Australia	1,760,408	TOYOTA MOTOR CORP	135,845	ZHANG JIAN	24,539	B01D	1,427,815	1981	780,658	T3	687,247
Spain	1,591,584	RICOH CO LTD	130,841	WANG JIAN	23,879	G02B	1,271,902	1982	822,956	C1	556,814
Russian Federation	1,421,742	SEIKO EPSON CORP	124,881	ZHANG JUN	23,075	C07C	1,210,813	1983	830,354	A2	504,204
Russian Federation(USSR data)	1,409,711	ROBERT BOSCH GMBH	124,515	LIU JUN	23,004	B29C	1,194,734	1984	819,503	A5	482,940
India	861,088	QUALCOMM INCORPORATED	118,161	ZHANG YU	22,137	C12N	1,095,275	1985	897,513	A3	481,377
Brazil	803,047	BOSCH GMBH ROBERT	118,119	WANG YONG	21,673	C08L	1,074,287	1986	937,215	T2	472,062
Italy	731,332	HUAWEI TECHNOLOGIES CO., LTD.	116,891	WANG TAO	21,503	H04B	1,035,506	1987	936,577	Y1	458,218
Mexico	480,564	NEC CORP	111,910	WANG HUI	21,358	H04W	1,005,065	1988	938,075	A4	412,950
Denmark	433,718	SONY CORPORATION	111,236	ZHANG LI	20,781	G11B	996,022	1989	953,747	B4	224,125
New Zealand	328,024	CANON KABUSHIKI KAISHA	110,758	ZHANG JIE	20,411	B01J	978,055	1990	930,725	Y2	196,295
Germany(DDR data)	277,249	FUJITSU LTD	106,505	ZHANG TAO	20,049	H05K	969,812	1991	928,122	E	185,401
Israel	275,573			WANG JING	19,869	G06Q	957,635	1992	1,012,145	U	182,483
Netherlands	215,958					H01M	923,610	1993	965,609	D0	143,229

Result display

92,396,107 results Offices all Languages all Stemming true Single Family Member false

Download Machine translation 1. WO2020237407 - METHOD AND SYSTEM FOR SELF-CALIBRATING ROBOT KINEMATIC PARAMETER, AND STORAGE DEVICE

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

1/923,962

SIDE-BY-SIDE VIEW SHORTCUTS

General	Results [First, do 'Go to Results']	Detail [First, do 'Go to Detail']
Go to Search input	Go to Next record / image	Go to Next tab
Go to Results [selected record]	Go to Previous record / image	Go to Previous tab
Go to Detail [selected tab]	Scroll Up	
Go to Next page	Scroll Down	
Go to Previous page	Scroll to Top	
	Scroll to Bottom	

Machine translation

KINEMATIC PARAMETER,
TRE CINÉMATIQUE DE

prising: a calibrated
a standard workpiece
ed robot during each
a reference robot; the
; the calibrated robot
to contact with the
ording the angles of
a plurality of groups
he actual kinematic



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1 / 923,962

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1. WO/2020/237407 METHOD AND SYSTEM FOR SELF-CALIBRATING ROBOT KINEMATIC PARAMETER, AND STORAGE DEVICE

WO - 03.12.2020

Int.Class B25J9/00 Appl.No PCT/CN2019/088251 Applicant SHENZHEN A & E INTELLIGENT TECHNOLOGY INSTITUTE CO., LTD. Inventor LI, Kangning

A method for self-calibrating a robot kinematic parameter, comprising: a calibrated robot enables an end effector to contact with the surface of a standard workpiece for multiple times, and records angles of axes of the calibrated robot during each contact, the standard workpiece being mounted on a flange of a reference robot; the reference robot changes the attitude of the standard workpiece; the calibrated robot repeatedly executes the step of enabling the end effector to contact with the surface of the standard workpiece for multiple times, and recording the angles of axes of the calibrated robot during each contact so as to obtain a plurality of groups of axis angle values of the calibrated robot; and obtain the actual kinematic parameter of the calibrated robot according to the plurality of groups of axis angle values, the nominal kinematic parameter of the calibrated robot, and the actual diameter of the standard workpiece. The method can improve the efficiency, achieve automatic calibration, and make it easy to achieve batch calibration. The present invention also relates to a system for executing the method, and a storage device for storing a program file of the method.



2. WO/2020/237417 AQUEOUS COATING SPECIFIC FOR DIP COATING OF SMALL HARDWARE, PREPARATION METHOD THEREFOR, AND USE THEREOF, AND SMALL HARDWARE DEVICE AND PREPARATION METHOD THEREFOR

WO - 03.12.2020

Int.Class C09D 161/00 Appl.No PCT/CN2019/088292 Applicant HEBEI BIERNIKE CO., LTD. Inventor YUAN, Hongqing

An aqueous coating specific for the dip coating of small hardware, preparation method therefor, and use thereof, and a small hardware device and preparation method therefor. The aqueous coating specific for the dip coating of small hardware comprises the following raw materials by mass fraction: 40-65% of an aqueous silicone-modified amino resin, 3-8% of an aqueous anti-sag agent, and the balance of water. The aqueous coating specific for the dip coating of small hardware can be obtained after mixing the raw materials. The aqueous coating is used for forming a protective layer on the surface of a device body, so that a small hardware device is obtained.

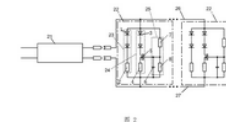


3. WO/2020/237427 LED SOFT LIGHT STRIP CIRCUIT WITH WHICH BRIGHTNESS AND COLOR TEMPERATURE ARE ADJUSTED SIMULTANEOUSLY AND SOFT LIGHT STRIP

WO - 03.12.2020

Int.Class H05B 47/00 Appl.No PCT/CN2019/088339 Applicant SHENZHEN DILUX LIGHTING TECHNOLOGY CO., LTD. Inventor SIT, Tan Lam

Disclosed are an LED soft light strip circuit with which the brightness and color temperature are adjusted simultaneously and a soft light strip. The circuit comprises: a positive electrode bus [26], a negative electrode bus [27], and several LED light-emitting components [22]. Each LED light-emitting component comprises: a first LED light string [23] and a second LED light string [24] connected in parallel, a voltage-controlled semiconductor switch transistor [5] connected in the second LED light string, and a delay circuit [25] connected to a control end of the switch transistor. LEDs in either LED light strings are identical in number but different in color temperature. The soft light strip comprises a tape-like substrate and the soft light strip circuit. The positive electrode bus and the negative electrode bus respectively are provided on the rear side of the substrate in the lengthwise direction of the substrate. The several LED light-emitting components are provided on the front side of the substrate in the lengthwise direction of the substrate. A



Languages

- All filing languages searchable:

AR,BG,CS,DA,LE,DE,EL,EN,ES,ET,HE,FR,ID,IT,JA,KO,LV,NL,PT,RO,RU,SR,SV,
TH,ZH

AR_ALLXT, BG_ALLTXT, DA_ALLTXT ,JA_ALLTXT.....

- Analyzers: recognize language even if specificities missing

F16M11/2021	••••• {around a vertical axis} (—)
F16M11/2028	••••• {around a horizontal axis} (—)
F16M11/2035	••••• {for rolling, i.e. for creating a landscape-portrait rotation}
F16M11/2042	••••• {in more than one direction}
F16M11/205	••••• {constituted of several dependent joints}
F16M11/2057	••••• {the axis of rotation intersecting in a single point e.g. pincush}
F16M11/2064	••••• {for titling and rolling}
F16M11/2071	••••• {for titling and panning}
	••••• {for panning and rolling}

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Operator	AND	Chinese Abstract	Value	?
Operator	AND	Chinese All	Value	?
Operator	AND	Chinese Claims	Value	?
Operator	AND	Chinese Description	Value	?
Operator	AND	Chinese Text	Value	?
Operator	AND	Chinese Title	Is Empty:	?
Operator	AND	Claims	N/A	▾
Operator	AND	Cooperative Patent Classification	<input type="checkbox"/>	
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Offices
 All

Languages
 English

FIELD COMBINATION ▾

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Operator AND	▼	Field Application Number	▼	Value	?
Operator AND	▼	Field Publication Date	▼	Value ✚	?
Operator AND	▼	Field English Title	▼	Value	?
Operator AND	▼	Field Cooperative Patent Classification	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	N/A Yes No	

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ADVANCED SEARCH ▾

Please enter a valid field... (or use UP/DOWN keys and TAB or ENTER to select)

coop

Cooperative Patent Classification

Expand with related terms

Offices

All

Languages

English

Stemming

Single Family Member

Samples of searches:

wind turbine - general searches, looking everywhere

EN_ALLTXT:[wind turbine] - all the text fields are searched, the relevance of top results is of high quality

ALLNAMES:[Mao Yumin] - looking for applicant, inventor, agent names

ALLNUM:[DK 2008 123] - looking for IDs, WO, PCT numbers

✓ Enter a value...

CPC:


A: HUMAN NECESSITIES

B: PERFORMING OPERATIONS; TRANSPORTING

C: CHEMISTRY; METALLURGY

D: TEXTILES; PAPER

E: FIXED CONSTRUCTIONS

F: MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING



CPC:D04

D04: BRAIDING; LACE-MAKING; KNITTING; TRIMMINGS; NON-WOVEN FABRICS

D04B: KNITTING

D04C: BRAIDING OR MANUFACTURE OF LACE, INCLUDING BOBBIN-NET OR CARBONISED LACE; BRAIDING MACHINES; BRAID; LACE

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CPC:[*TO*] AND ...NEAR...|

CPC:D04C3/00 AND EN_AB:(coils NEAR15 carrier)



14 results Offices all Languages all Stemming true Single Family Member false



Sort: Relevance ▼ Per page: 100 ▼ View: All+Image ▼ < 1/1 >

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1. WO/2014/101982 ROTARY BRAIDING MACHINE

WO - 03.07.2014

Int.Class [D04C 3/42](#) Appl.No PCT/EP2013/003731 Applicant MASCHINENFABRIK NIEHOFF GMBH & CO. KG
Inventor REINISCH, Hubert

The invention relates to a rotary braiding machine [1] having a braiding axis [14] for braiding strand-shaped materials, in particular wire, carbon fibers or textile fibers, into meshes. The rotary braiding machine [1] has a plurality of first and second **coil carriers** [4, 5], which preferably rotate in opposition around the braiding axis [14]. The rotary braiding machine [1] is designed to braid first and second strands [10, 11] provided from the first and second **coils** [43, 51] on the first and second **coil carriers** [4, 5] with each other. The first **coil carriers** [4] are arranged such that the second strands [11] can be completely moved around the first **coil carriers** [4]. Furthermore, the first **coil carriers** [4] are guided along a closed guide track which circulates around the braiding axis [14]. According to the invention, the surface of the at least one closed guide track is designed as a sprocket [6, 7] and at least one gear wheel [41, 42] is attached to each of the first **coil carriers** [4] which intermeshes with the sprocket [6, 7] and is continually engaged with the sprocket [6, 7], in particular also during a movement of the second strand [11] around the first **coil carrier** [4]. Thereby the second strand [11] preferably plunges into a recess [71] in a tooth gap of the sprocket [6, 7] while the first **coil carrier** [4] moves by.

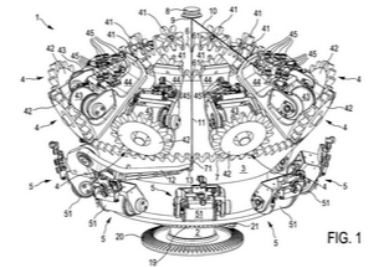


FIG. 1

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International Class Inventive

International Class N-Inventive


Main International Class

Stemming

Single Family Member

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Operator AND	Applicant All Data	Value
Operator AND	Applicant Name	Value
Operator AND	Applicant Nationality	Is Empty: N/A
Operator AND	Applicant Residence	Value
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|CLASSIF:B25J*

 Expand with related terms

9. JP2020006447 - 水平多関節型ロボット

[National Biblio. Data](#) [Full Text](#) [Documents](#)

Office

Japan

Application Number

2018128800

Application Date

03.07.2018

Publication Number

2020006447

Publication Date

16.01.2020

Publication Kind

A

IPC

B25J 9/08

CPC

B25J 9/042

B25J 19/0029

B25J 9/08

B25J 9/104

B25J 9/1085

B25J 17/0291

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Applicants

ファナック株式会社

Inventors

山城 光

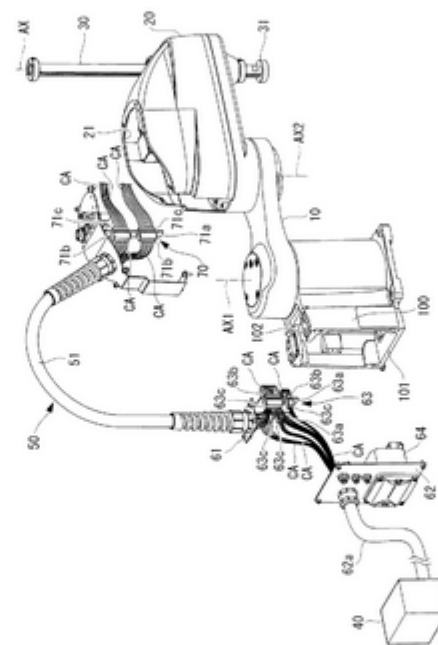
Agents

上田 邦生

柳 順一郎

Title

[JA] 水平多関節型ロボット



Abstract

[JA]

【課題】ロボット内の機器に電力、信号等を供給するケーブルの敷設作業を容易に行うことができる水平多関節型ロボットを
【解決手段】この水平多関節型ロボットは、ベース100と、第1アーム10と、第2アーム20と、ベース100および第
50が、一端が第2アーム20に接続され、他端にベース100の上面に固定される第1板状部材61が取り付けられているア
ブルCAと、ベース100の背面開口101を閉鎖する第2板状部材62と、を有し、第1板状部材61がベース100の上
101と繋がっている。

【選択図】図1

Subgroup exclusion

- CPC_EX = exact CPC
- IC_EX = exact IPC



PCT Families

FP:(EN_ALLTXT:((h5n1 viru*) (avian or bird)) AND DE:(pandemic near3 influenza) AND CL:(antibod~0.8))

885 results Offices all Languages en Stemming true Single Family Member false

Relevance 10 All Machine translation

1 / 89

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of [avian influenza virus](#) [AIV] are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5

5. [2947094](#) MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA [VIRUS](#) H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF EP - 25.11.2015

Int.Class [C07K 16/10](#) ? App.No 15176239
Applicant TEMASEK LIFE SCIENCES LABORATORY LTD Inventor QIAN HONG LIANG

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of [avian influenza virus](#) [AIV] are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5

6. [WO/2009/035420](#) MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA [VIRUS](#) H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF WO - 19.03.2009

Int.Class [C07K 16/10](#) ? App.No PCT/SG2008/000347
Applicant TEMASEK LIFE SCIENCES LABORATORY LIMITED Inventor QIAN, Hong Liang

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of [avian influenza virus](#) [AIV] are provided. The monoclonal antibodies and related binding proteins are useful for the

6. [WO2009035420](#) - MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA VIRUS H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF

PCT Biblio. Data Description Claims Drawings National Phase Notices

Documents

PermaLink Machine translation

Title

[EN] MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA [VIRUS](#) H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF

[FR] ANTICORPS MONOCLONAUX SPÉCIFIQUES DE L'HÉMAGGLUTININE ET DE LA NEURAMINIDASE PROVENANT DU SOUS-TYPE H5 OU DU SOUS-TYPE N1 DU VIRUS DE LA GRIPPE ET LEURS UTILISATIONS

Abstract

[EN]

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of [avian influenza virus](#) [AIV] are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5 and N1 subtypes of AIV, including [H5N1](#) subtypes and provide means for the diagnosis, surveillance and treatment of dangerous viral infections.

[FR]

L'invention porte sur des anticorps monoclonaux et sur des protéines de liaison apparentées qui se lient spécifiquement à la glycoprotéine de l'enveloppe des sous-types H5 ou à la glycoprotéine neuraminidase des sous-types N1 du virus de la grippe aviaire [AIV]. Les anticorps monoclonaux et les protéines de liaison apparentées sont utiles pour la détection des sous-types H5 et N1 de AIV, comprenant les sous-types H5N1 et fournissent des moyens pour le diagnostic, la surveillance et le traitement d'infections virales dangereuses.

FP:(EN_ALLTXT:((h5n1 viru*) (avian or bird)) AND DE:(pandemic near3 influenza) AND CL:(antibod~0.8))

544 results Offices all Languages en Stemming true Single Family Member true

Relevance 10 All

Machine translation

1 / 55

4. [2013224734](#) MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA VIRUS H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF AU - 03.10.2013

Int.Class [C07K 16/10](#) ? Appl.No 2013224734
Applicant TEMASEK LIFE SCIENCES LABORATORY LIMITED Inventor

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of Ni subtypes of avian influenza virus (AIV) are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5

5. [WO/2009/035420](#) MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA VIRUS H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF WO - 19.03.2009

Int.Class [C07K 16/10](#) ? Appl.No PCT/SG2008/000347
Applicant TEMASEK LIFE SCIENCES LABORATORY LIMITED Inventor QIAN, Hong Liang

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of avian influenza virus (AIV) are provided. The monoclonal antibodies and related binding proteins are useful for the

6. [WO/2008/140415](#) H5 SUBTYPE-SPECIFIC BINDING PROTEINS USEFUL FOR H5 AVIAN INFLUENZA DIAGNOSIS AND SURVEILLANCE WO - 20.11.2008

Int.Class [C07K 16/10](#) ? Appl.No PCT/SG2007/000134
Applicant TEMASEK LIFE SCIENCES LABORATORY LIMITED Inventor HO,Yuen Fern

The invention provides monoclonal antibodies and related binding proteins that bind specifically to

5. [WO2009035420](#) - MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA VIRUS H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF

PCT Biblio. Data Description Claims Drawings National Phase Notices

Documents

PermaLink Machine translation

Title

[EN] MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA VIRUS H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF

[FR] ANTICORPS MONOCLONAUX SPÉCIFIQUES DE L'HÉMAGGLUTININE ET DE LA NEURAMINIDASE PROVENANT DU SOUS-TYPE H5 OU DU SOUS-TYPE N1 DU VIRUS DE LA GRIPPE ET LEURS UTILISATIONS

Abstract

[EN]

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of avian influenza virus (AIV) are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5 and N1 subtypes of AIV, including H5N1 subtypes and provide means for the diagnosis, surveillance and treatment of dangerous viral infections.

[FR]

L'invention porte sur des anticorps monoclonaux et sur des protéines de liaison apparentées qui se lient spécifiquement à la glycoprotéine de l'enveloppe des sous-types H5 ou à la glycoprotéine neuraminidase des sous-types N1 du virus de la grippe aviaire (AIV). Les anticorps monoclonaux et les protéines de liaison apparentées sont utiles pour la détection des sous-types H5 et N1 de AIV, comprenant les sous-types H5N1 et fournissent des moyens pour le diagnostic, la surveillance et le traitement d'infections virales dangereuses.

Also published as

[PermaLink](#) [Machine translation](#) ▼

Publication Number

W0/2009/035420

Publication Date

19.03.2009

International Application No.

PCT/SG2008/000347

International Filing Date

12.09.2008

IPC

C07K 16/10 2006.01	A61K 39/145 2006.01
A61P 31/16 2006.01	C12N 7/00 2006.01
G01N 33/53 2006.01	G01N 33/577 2006.01

CPC

A61K 2039/505	A61P 31/12	A61P 31/16
C07K 16/1018	C07K 2317/34	C07K 2317/76

[View more classifications](#)

Applicants

TEMASEK LIFE SCIENCES LABORATORY LIMITED

[SG]/[SG]

1 Research Link National University Of
Singapore Singapore 117604, SG

[AllExceptUS]

[QIAN, Hong Liang](#) [CN]/[SG] [UsOnly]

[HE, Fang](#) [CN]/[SG] [UsOnly]

[KWANG, Hwei-Sing](#) [US]/[SG] [UsOnly]

Inventors

[QIAN, Hong Liang](#)

[HE, Fang](#)

[KWANG, Hwei-Sing](#)

Agents

[PATEL, Upasana](#)

LLOYD WISE Tanjong Pagar P.O. Box 636
Singapore 010816, SG

Title

[EN] MONOCLONAL ANTIBODIES SPECIFIC TO HEMAGGLUTININ AND NEURAMINIDASE FROM INFLUENZA VIRUS H5-SUBTYPE OR N1-SUBTYPE AND USES THEREOF

[FR] ANTICORPS MONOCLONAUX SPÉCIFIQUES DE L'HÉMAGGLUTININE ET DE LA NEURAMINIDASE PROVENANT DU SOUS-TYPE H5 OU DU SOUS-TYPE N1 DU VIRUS DE LA GRIPPE ET LEURS UTILISATIONS

Abstract

[EN]

Monoclonal antibodies and related binding proteins that bind specifically to the envelope glycoprotein of H5 subtypes or neuraminidase glycoprotein of N1 subtypes of avian influenza virus [AIV] are provided. The monoclonal antibodies and related binding proteins are useful for the detection of H5 and N1 subtypes of AIV, including H5N1 subtypes and provide means for the diagnosis, surveillance and treatment of dangerous viral infections.

[FR]

L'invention porte sur des anticorps monoclonaux et sur des protéines de liaison apparentées qui se lient spécifiquement à la glycoprotéine de l'enveloppe des sous-types H5 ou à la glycoprotéine neuraminidase des sous-types N1 du virus de la grippe aviaire [AIV]. Les anticorps monoclonaux et les protéines de liaison apparentées sont utiles pour la détection des sous-types H5 et N1 de AIV, comprenant les sous-types H5N1 et fournissent des moyens pour le diagnostic, la surveillance et le traitement d'infections virales dangereuses.

Also published as

[AU2008297594](#) [AU2013224734](#) [CN101883789](#) [EP2201039](#) [EP2947094](#) [ID050.3118](#) [ID2017/06480](#)
[IN1203/KOLNP/2010](#) [JP2010539162](#) [SG159865](#) [SG183031](#) [SG183032](#) [US20100266585](#) [US20130004496](#)
[US20130004497](#) [VN23600](#) [VN37101](#)

2020 Coverage

- Czech Republic (process of publication)
- Czechoslovakia (process of publication)
- Ecuador (full text)
- Japan standardization
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 - Search improved (JP eras *R02-107911*)
- Netherlands (bibliographic data + full text)
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US	Patent application filed on Jan 1, 2003 and onwards. Prior to 2003, applications are available on a case by case basis.
GB	Patent applications published on or after the 1st January 2006
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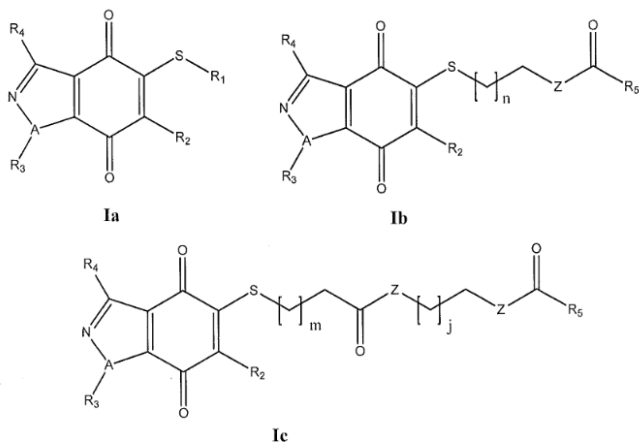
Soon to come: KIPO, SIPO





Dr. Eugene A. Markush (1888-1968)

Example: WO2012064632



where:

each Z is independently selected from the group consisting of N, O, S and CH₂;

A is O (then R₃ is null) or N

n=1-5; m=1-5; j=1-4

E is N, CH or CH₂;

R₁, R₂, R₃, R₄, and R₅ individually can represent H, lower straight-chain alkyl (e.g. alkyl groups containing one to ten carbon atoms, such as methyl, ethyl or hexyl) or branched chain lower alkyl, aromatic (e.g. phenyl, naphthyl) substituted aromatic, heteroaromatic (e.g., pyridyl, pyrimidinyl, pyrazole, imidazole, triazole, oxazole, isoxazole, thiazole, isothiazole, oxadiazole, thiadiazole, pyridazine, triazine, indole, indazole, benzoisoxazole, benzoxazole, benzoisothiazole, benzothiazole), substituted heteroaromatic, benzyl, substituted benzyl.

R₁, R₂, R₃, R₄, and R₅ individually can also represent -(CH₂)_n-Ar, where n is preferably 1 to 3 and Ar is aromatic, substituted aromatic, heteroaromatic or substituted heteroaromatic. A and B individually can also represent -OR, -SR, -NR₂ (where R individually represents H, straight chain or branched chain lower alkoxy, aromatic, substituted aromatic, heteroaromatic, substituted heteroaromatic), halogen, aldehyde, carboxylic acid, -COOR, -CONHR, -CONR₂, -OCONHR, -OCONR₂, -NCONHR, -NCONR₂, -SCONR₂.

R₁, R₂, R₃, R₄, and R₅ individually can represent H, lower straight-chain alkyl (e.g. alkyl groups containing one to ten carbon atoms, such as methyl, ethyl or hexyl) or branched chain lower alkyl, aromatic (e.g. phenyl, naphthyl) substituted aromatic, heteroaromatic (e.g., pyridyl, pyrimidinyl, pyrazole, imidazole, triazole, oxazole, isoxazole, thiazole, isothiazole, oxadiazole, thiadiazole, pyridazine, triazine, indole, indazole, benzoisoxazole, benzoxazole, benzoisothiazole, benzothiazole), substituted heteroaromatic, benzyl, substituted benzyl.

R₁, R₂, R₃, R₄, and R₅ individually can also represent -(CH₂)_n-Ar, where n is preferably 1 to 3 and Ar is aromatic, substituted aromatic, heteroaromatic or substituted heteroaromatic. A and B individually can also represent -OR, -SR, -NR₂ (where R individually represents H, straight chain or branched chain lower alkoxy, aromatic, substituted aromatic, heteroaromatic, substituted heteroaromatic), halogen, aldehyde, carboxylic acid, -COOR, -CONHR, -CONR₂, -OCONHR, -OCONR₂, -NCONHR, -NCONR₂, -SCONR₂.

R₁, R₂, R₃, R₄, and R₅ can also be individually selected from -(CH₂)_n-R', (where R' individually represents H, straight chain or branched chain lower alkoxy, aromatic, substituted aromatic, heteroaromatic, substituted heteroaromatic, halogen, aldehyde, carboxylic acid, -COOR, -CONHR, -CONR₂, -OCONHR, -OCONR₂, -NCONHR, -NCONR₂, -SCONR₂ (where R individually represents H, straight chain or branched chain lower alkoxy, aromatic, substituted aromatic, heteroaromatic, substituted heteroaromatic).

In some embodiments, R₁, R₂, R₃, R₄, and R₅ are each independently selected from the group consisting of: H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, cycloalkylalkenyl, cycloalkylalkynyl, heterocyclo, heterocycloalkyl, heterocycloalkenyl, heterocycloalkynyl, aryl, arylalkyl, arylalkenyl, arylalkynyl, heteroaryl, heteroarylalkyl, heteroarylalkenyl, heteroarylalkynyl, alkoxy, halo, mercapto, azido, cyano, formyl, carboxylic acid, hydroxyl, nitro, acyl, aryloxy, alkylthio, amino, alkylamino, arylalkylamino, disubstituted amino, acylamino, acyloxy, ester, amide, sulfoxyl, sulfonyl, sulfonate, sulfonic acid, sulfonamide, urea, alkoxyacylamino, and aminoacyloxy.

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1. **1986050978** ピリジン誘導体およびその製造法

JP - 13.03.1986

Int.Class [C07D 401/12](#) Appl.No 1984171069 Applicant 武田薬品工業株式会社 Inventor 野原 昭2. **0174726** DÉRIVÉS DE PYRIDINE ET LEUR PRÉPARATION.

EP - 19.03.1986

Int.Class [A61K 31/44](#) Appl.No 85305458 Applicant TAKEDA CHEMICAL INDUSTRIES, LTD. Inventor NOHARA, AKIRA3. **8607288** UN METODO PARA PRODUCIR UN DERIVADO DE PIRIDINA

ES - 16.05.1986

Int.Class [C07D 213/30](#) Appl.No 54615285 Applicant TAKEDA CHEMICAL INDUSTRIES LTD Inventor

METODO PARA PRODUCIR UN DERIVADO DE PIRIDINA. CONSISTE EN DEJAR REACCIONAR UN COMPUESTO DE FORMULA (II) CON UN COMPUESTO DE FORMULA (III) Y SOMETER A OXIDACION EL PRODUCTO DE REACCION, PARA PRODUCIR UN DERIVADO DE PIRIDINA DE FORMULA (I), DONDE R1 ES H, METOXI O TRIFLUOROMETILO; R2 Y R3 SON INDEPENDIENTEMENTE H O METILO, R4 ES UN ALQUILO FLUORADO DE C 2 A 5; Y N SIGNIFICA 0 O 1, PUDIENDOSE PREPARAR TAMBIEN UNA SAL DEL MISMO FARMACOLOGICAMENTE ACEPTABLE. LA TEMPERATURA DE REACCION ESTA COMPRENDIDA ENTRE 0 Y LA DEL PUNTO DE EBULLICION DEL DISOLVENTE QUE SE EMPLEE, Y DURANTE UN TIEMPO ENTRE 0,2 Y 24 HORAS. SE EMPLEAN FARMACEUTICAMENTE COMO AGENTES ANTIULCERAS.-

4. **4628098** 2-[2-PYRIDYLMETHYLTHIO-[SULFINYL]]BENZIMIDAZOLES

US - 09.12.1986

Int.Class [C07D 401/12](#) Appl.No 06760568 Applicant Takeda Chemical Industries, Ltd. Inventor Nohara Akira

The compound of the formula ##STR1## wherein R.sup.1 is hydrogen, methoxy or trifluoromethyl, R.sup.2 and R.sup.3 are independently hydrogen or methyl, R.sup.4 is a C.sub.2-5 fluorinated alkyl and n denotes 0 or 1, or a pharmacologically acceptable salt thereof is novel, and useful for prophylaxis and therapy of digestive ulcers [e.g. gastric ulcer, duodenal ulcer] and gastritis.



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248 results Offices all Languages en Stemming true Single Family Member false



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1. 1986050978 **ピリジン誘導体およびその製造法**

JP - 13.03.1986

Int.Class [C07D 401/12](#) Appl.No 1984171069 Applicant 武田薬品工業株式会社 Inventor 野原 昭**2. 0174726** **DÉRIVÉS DE PYRIDINE ET LEUR PRÉPARATION.**

EP - 19.03.1986

Int.Class [A61K 31/44](#) Appl.No 85305458 Applicant TAKEDA CHEMICAL INDUSTRIES, LTD. Inventor NOHARA, AKIRA**3. 8607288** **UN METODO PARA PRODUCIR UN DERIVADO DE PIRIDINA**

ES - 16.05.1986

Int.Class [C07D 213/30](#) Appl.No 54615285 Applicant TAKEDA CHEMICAL INDUSTRIES LTD Inventor

METODO PARA PRODUCIR UN DERIVADO DE PIRIDINA. CONSISTE EN DEJAR REACCIONAR UN COMPUESTO DE FORMULA (II) CON UN COMPUESTO DE FORMULA (III) Y SOMETER A OXIDACION EL PRODUCTO DE REACCION, PARA PRODUCIR UN DERIVADO DE PIRIDINA DE FORMULA (I), DONDE R1 ES H, METOXI O TRIFLUOROMETILO; R2 Y R3 SON INDEPENDIENTEMENTE H O METILO, R4 ES UN ALQUILO FLUORADO DE C 2 A 5; Y N SIGNIFICA 0 O 1, PUDIENDOSE PREPARAR TAMBIEN UNA SAL DEL MISMO FARMACOLOGICAMENTE ACEPTABLE. LA TEMPERATURA DE REACCION ESTA COMPRENDIDA ENTRE 0 Y LA DEL PUNTO DE EBULLICION DEL DISOLVENTE QUE SE EMPLEE, Y DURANTE UN TIEMPO ENTRE 0,2 Y 24 HORAS. SE EMPLEAN FARMACEUTICAMENTE COMO AGENTES ANTIULCERAS.-

4. 4628098 **2-[2-PYRIDYLMETHYLTHIO-(SULFINYL)]BENZIMIDAZOLES**

US - 09.12.1986

Int.Class [C07D 401/12](#) Appl.No 06760568 Applicant Takeda Chemical Industries, Ltd. Inventor Nohara Akira

The compound of the formula ##STR1## wherein R.sup.1 is hydrogen, methoxy or trifluoromethyl, R.sup.2 and R.sup.3 are independently hydrogen or methyl, R.sup.4 is a C.sub.2-5 fluorinated alkyl and n denotes 0 or 1, or a pharmacologically acceptable salt thereof is novel, and useful for prophylaxis and therapy of digestive ulcers [e.g. gastric ulcer, duodenal ulcer] and gastritis.

2. EP0174726 - PYRIDINE DERIVATIVES AND THEIR PRODUCTION



National Biblio. Data Description Claims Compounds **Markush** Documents

PermaLink Machine translation ▼

Office

European Patent Office

Application Number

85305458

Application Date

31.07.1985

Publication Number

0174726

Publication Date

19.03.1986

Publication Kind

B1

IPC

A61K 31/44

A61K 31/4409

A61K 31/4418

A61K 31/4427

A61P 1/04

C07D 213/68

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CPC

A61P 1/04

C07D 213/68

C07D 213/89

C07D 401/12

Applicants

TAKEDA CHEMICAL INDUSTRIES, LTD.

Inventors

NOHARA, AKIRA

MAKI, YOSHITAKA

Title

[DE] Pyridin-Derivate und deren Herstellung.

[EN] PYRIDINE DERIVATIVES AND THEIR PRODUCTION

[FR] Dérivés de pyridine et leur préparation.

Abstract

Other related publications

[BG60415](#)

[DK356485](#)

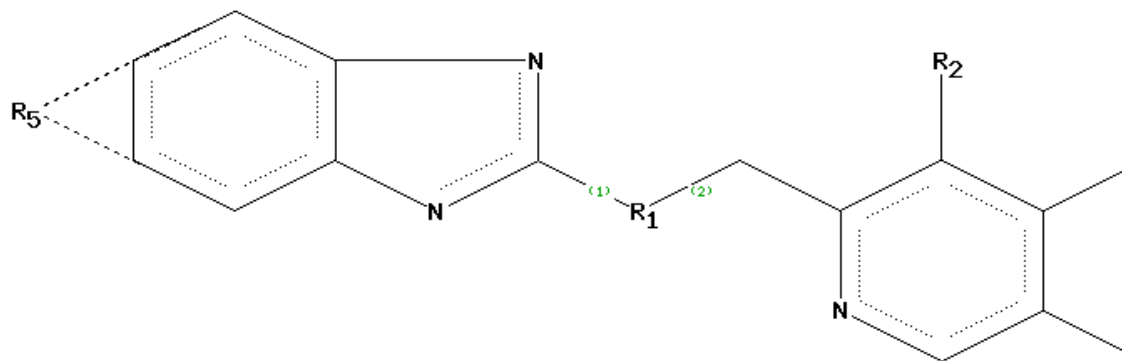
[ES546152](#)

[ES8607288](#)

Markush Nr.

8265-43501

▼ Markush formula



R1 =

R2 =

r

Markush Nr.

8265-43501

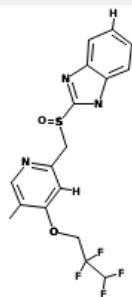
▶ Markush formula

▼ Enumerated compounds

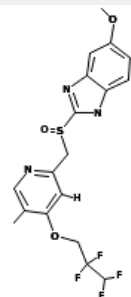
Note: These structures have been created automatically. Please use the original Markush definition in the PDF version for legal matters

1 2 3 4 5 6 7 8 9 10

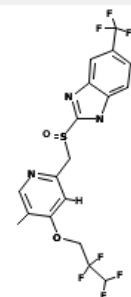
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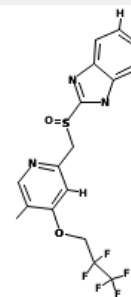
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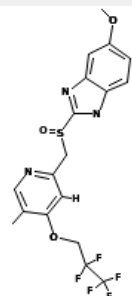
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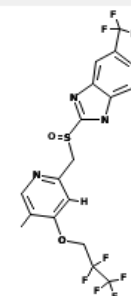
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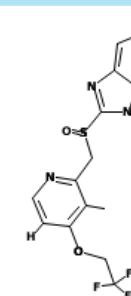
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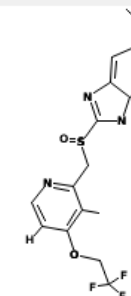
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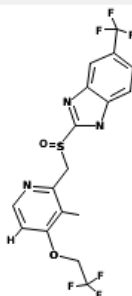
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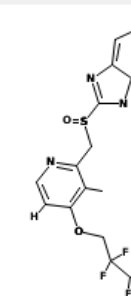
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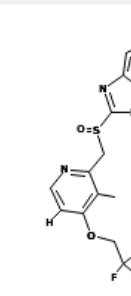
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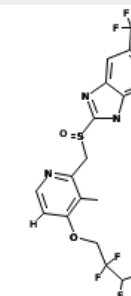
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FLZRETSUHOXVNH-UHFFFAOYSA-N



CHEMICAL COMPOUNDS SEARCH ▾

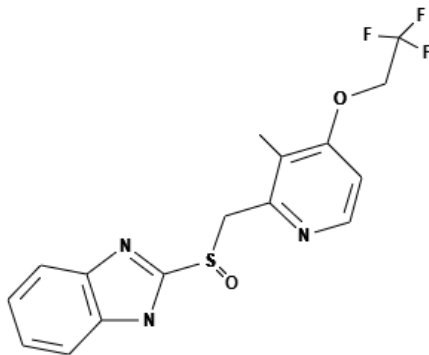
Convert structure

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Structure editor

Found compounds

Found Markush Formulas



InChI: InChI=1S/C16H14F3N3O2S/c1-10-13[20-7-6-14[10]24-9-16[17,18]19]8-25[23]15-21-11-4-2-3-5-12[11]22-15/h2-7H,8-9H2,1H3,[H,21,22]

InChIKey: MJHNNLFOKEZEW-UHFFFAOYSA-N

Molecular Formula: C₁₆H₁₄F₃N₃O₂S

Molecular Weight: 369.3664 g/mol

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Substructure Search

Exact Structure Search

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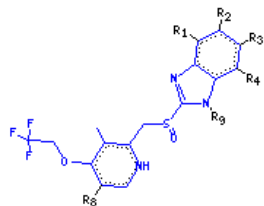
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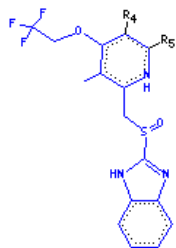
[1 of 1]

 24

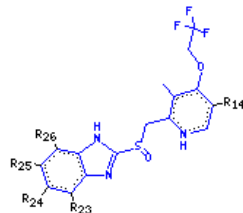
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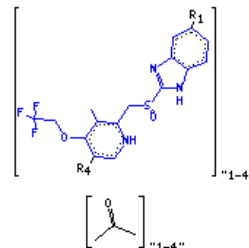
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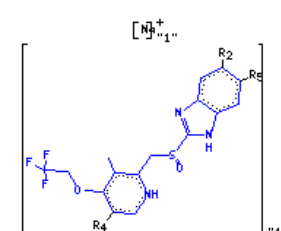
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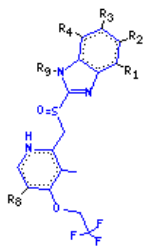
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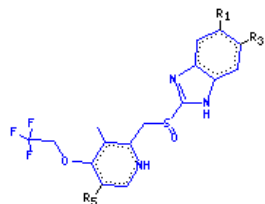
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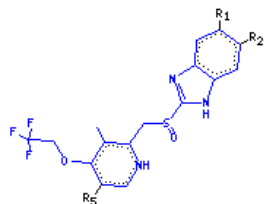
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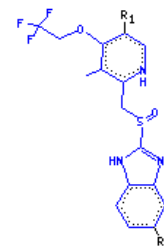
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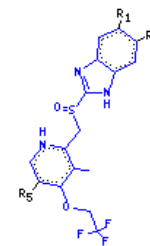
0040-03901



0054-75003



0087-15901

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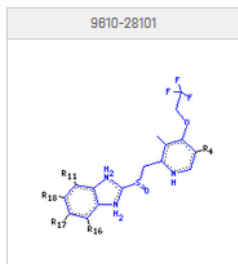
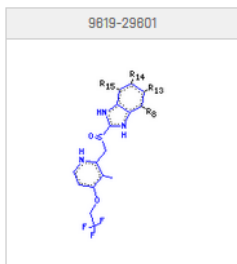
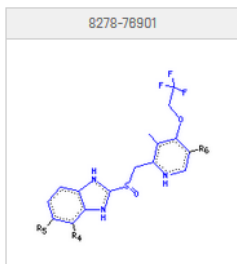
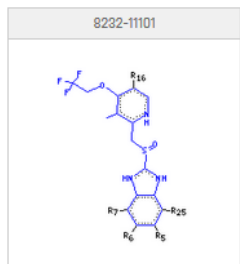
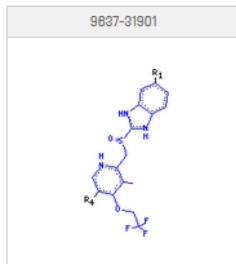
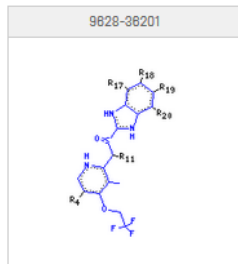
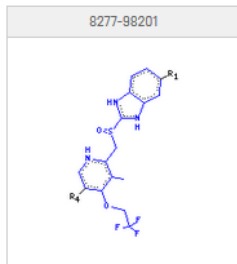
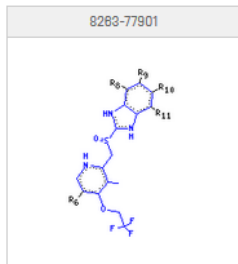
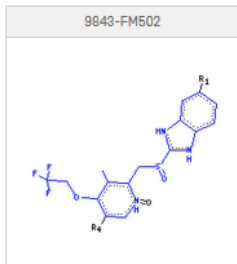
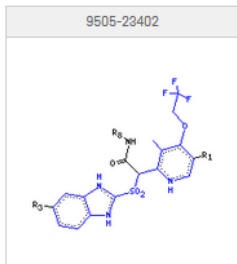
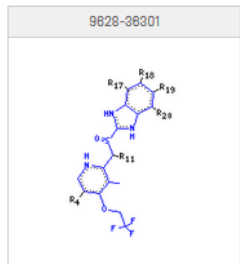
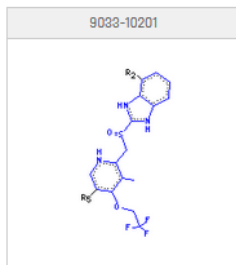
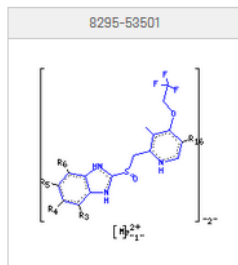
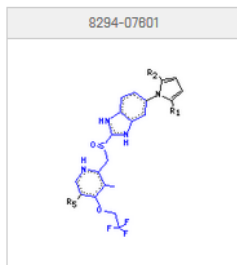
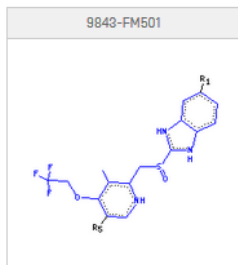
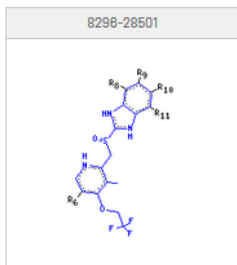
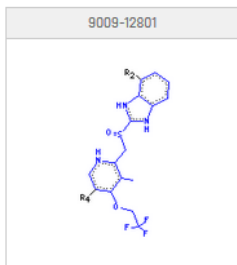
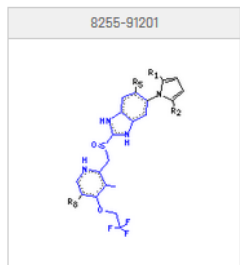
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1. [1986050978](#) [ビリジン誘導体およびその製造法](#)

JP - 13.03.1988

Int.Class [C07D 401/12](#) Appl.No 1984171089 Applicant [武田薬品工業株式会社](#) Inventor [野原 昭](#)2. [0174726](#) DÉRIVÉS DE PYRIDINE ET LEUR PRÉPARATION.

EP - 19.03.1988

Int.Class [A81K 31/44](#) Appl.No 85305458 Applicant [TAKEDA CHEMICAL INDUSTRIES, LTD.](#) Inventor [NOHARA, AKIRA](#)3. [8607288](#) UN METODO PARA PRODUCIR UN DERIVADO DE PIRIDINA

ES - 18.05.1988

Int.Class [C07D 213/30](#) Appl.No 54815285 Applicant [TAKEDA CHEMICAL INDUSTRIES LTD](#) Inventor

METODO PARA PRODUCIR UN DERIVADO DE PIRIDINA. CONSISTE EN DEJAR REACCIONAR UN COMPUESTO DE FORMULA (III) CON UN COMPUESTO DE FORMULA (IIII) Y SOMETER A OXIDACION EL PRODUCTO DE REACCION, PARA PRODUCIR UN DERIVADO DE PIRIDINA DE FORMULA (II), DONDE R1 ES H, METOXI O TRIFLUOROMETILO; R2 Y R3 SON INDEPENDIENTEMENTE H O METILO, R4 ES UN ALQUILO FLUORADO DE C 2 A 5; Y N SIGNIFICA 0 O 1, PUDIENDOSE PREPARAR TAMBIEN UNA SAL DEL MISMO FARMACOLOGICAMENTE ACEPTABLE. LA TEMPERATURA DE REACCION ESTA COMPRENDIDA ENTRE 0 Y LA DEL PUNTO DE EBULLICION DEL DISOLVENTE QUE SE EMPLEE, Y DURANTE UN TIEMPO ENTRE 0,2 Y 24 HORAS. SE EMPLEAN FARMACEUTICAMENTE COMO AGENTES ANTIULCERAS.-

4. [4628098](#) 2-[2-PYRIDYLMETHYLTHIO-[SULFINYL]]BENZIMIDAZOLES

US - 09.12.1988

Int.Class [C07D 401/12](#) Appl.No 08780588 Applicant [Takeda Chemical Industries, Ltd.](#) Inventor [Nohara Akira](#)

The compound of the formula ##STR1## wherein R.sup.1 is hydrogen, methoxy or trifluoromethyl, R.sup.2 and R.sup.3 are independently hydrogen or methyl, R.sup.4 is a C.sub.2-5 fluorinated alkyl and n denotes 0 or 1, or a pharmacologically acceptable salt thereof is novel, and useful for prophylaxis and therapy of digestive ulcers (e.g. gastric ulcer, duodenal ulcer) and gastritis.

5. [1019870002125](#) 피리딘 유도체의 제조방법

KR - 30.03.1987

Int.Class [C07D 401/12](#) Appl.No 1019850005883 Applicant [구라바야시 이쿠시로드게다야쿠힐고오교 가부시끼가이사](#) Inventor [노하라 아끼라](#)

내용 없음.

6. [4689333](#) 2-[2-PYRIDYLMETHYLTHIO [SULFINYL]] BENZIMIDAZOLES

US - 25.08.1987

Int.Class [A81K 31/44](#) Appl.No 08937193 Applicant [Takeda Chemical Industries, Ltd.](#) Inventor [Nohara Akira](#)

The compound of the formula ##STR1## wherein R.sup.1 is hydrogen, methoxy or trifluoromethyl, R.sup.2 and R.sup.3 are independently hydrogen or methyl, R.sup.4 is a C.sub.2-5 fluorinated alkyl and n denotes 0 or 1, or a pharmacologically acceptable salt thereof is novel, and useful for prophylaxis and therapy of digestive ulcers (e.g. gastric ulcer, duodenal ulcer) and gastritis.



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Country	Biblio Data	Abstract	Doc images	OCR (full-text) Indexed	Nb records
PCT	19.10.1978 - 03.12.2020	19.10.1978 - 03.12.2020	3,934,126	Total: English: French: Spanish: German: Korean: Japanese: Chinese: Russian: Portuguese:	3,928,438 3,197,364 133,570 27,135 398,462 118,742 654,132 310,023 20,321 5,004
African Regional Intellectual Property Organization [ARIPO]	03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008	1,676	Total: English:	1,671 1,671
Argentina	11.02.1965 - 25.11.2020	31.10.1990 - 25.11.2020	9,741	Total: English: Spanish:	8,906 8,906 8,906
Australia	14.01.1900 - 26.11.2020	08.01.1981 - 26.11.2020		Total: English:	651,668 651,668

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Happy Holiday Season





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