

The webinar will begin in:



0:00

WELCOME



Questions/concerns

patentscope@wipo.int

Agenda

- Interfaces
- Quiz
- Webinars
- Q & A session

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WIPO - Search International and x +

patentscope.wipo.int/search/en/search.jsf

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Feedback Search Browse Tools Settings

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Field Front Page Search terms... Query Examples

Data coverage

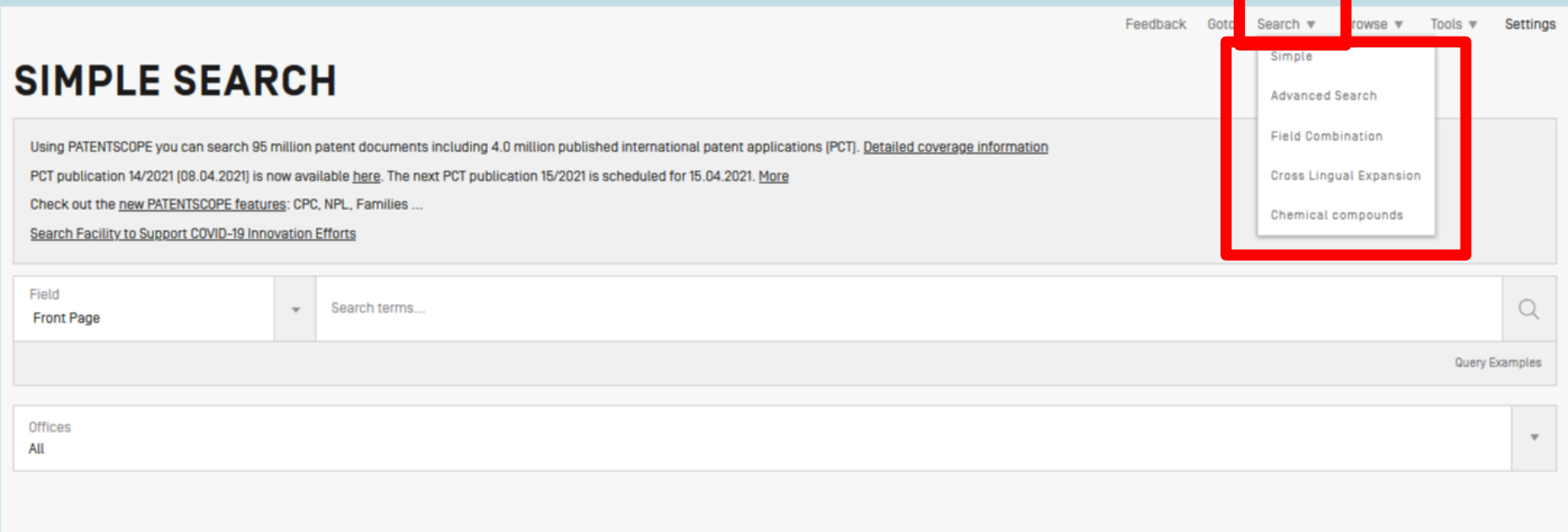
NATIONAL COLLECTIONS - DATA COVERAGE

Last Update: 14.04.2021

Offices for which PCT national phase information is available

Country	Biblio Data	Abstract	Doc images	OCR (full-text) Indexed	Nb records
PCT	19.10.1978 - 08.04.2021	19.10.1978 - 08.04.2021	4,022,615	Total: English: French: Spanish: German: Korean: Japanese: Chinese: Russian: Portuguese:	4,022,615 2,300,925 135,526 27,588 403,760 124,037 670,210 330,237 20,702 5,194
African Regional Intellectual Property Organization (ARIPO)	03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008	1,676	Total: English:	1,868 1,671
Argentina	11.02.1965 - 24.02.2021	31.10.1990 - 24.02.2021	9,741	Total: Spanish:	166,187 8,906
Australia	14.01.1900 - 01.04.2021	08.01.1981 - 01.04.2021		Total: English:	1,768,682 663,726 663,726
Bahrain	09.03.1957 - 28.09.2005	09.03.1957 - 28.09.2005			1,411
Brazil	25.04.1972 - 23.02.2021	25.04.1989 - 23.02.2021	230,201	Total: Portuguese:	827,688 228,879 228,879
Brunei Darussalam	14.03.1979 - 15.06.2020	30.06.1992 - 15.06.2020			1,458
Bulgaria	15.02.1973 - 30.06.2020	15.09.1987 - 30.06.2020			51,375

PATENTSCOPE: how to search



The screenshot shows the PATENTSCOPE search interface. At the top right, there are navigation links: Feedback, Go to, Search, Browse, Tools, and Settings. The 'Search' link is highlighted with a red box, and its dropdown menu is also highlighted with a red box. The dropdown menu contains the following options: Simple, Advanced Search, Field Combination, Cross Lingual Expansion, and Chemical compounds. Below the navigation bar, the page title 'SIMPLE SEARCH' is displayed. The main content area contains several paragraphs of text, including information about the number of patent documents available and links to detailed coverage information and search facility updates. At the bottom, there is a search input field with a dropdown menu for 'Field' (set to 'Front Page') and a search button. Below the search field, there are links for 'Query Examples' and 'Offices' (set to 'All').

Feedback Go to Search Browse Tools Settings

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[Search Facility to Support COVID-19 Innovation Efforts](#)

Field
Front Page Search terms...

Query Examples

Offices
All

Which interface to use?

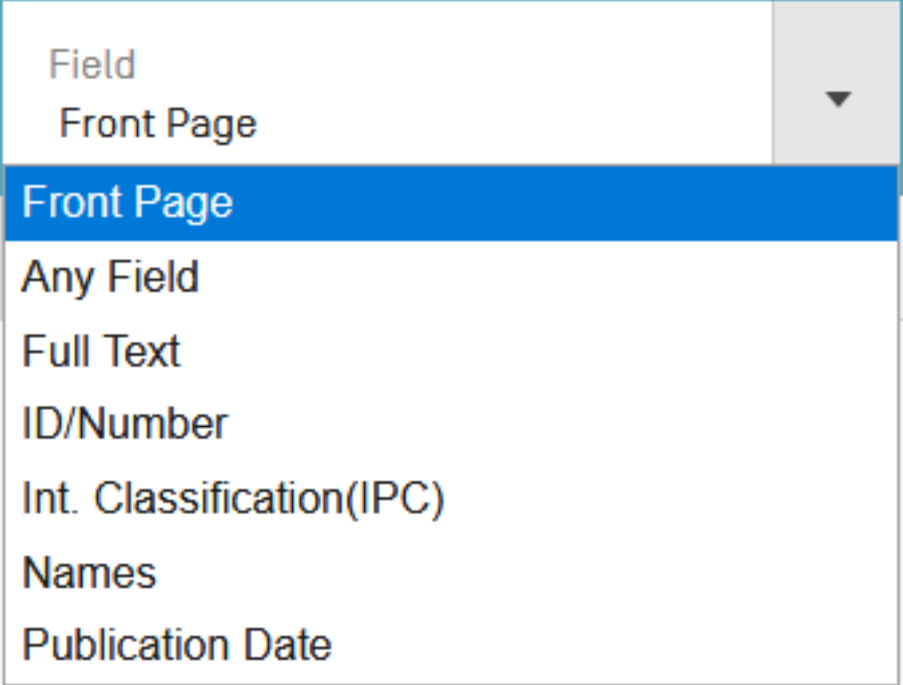


Simple search

- 1 field
- Operators

Simple search

- **FP** (front page) = title, abstract, numbers, names



A screenshot of a search interface showing a dropdown menu. The menu is open, displaying a list of search criteria options. The top option is "Front Page", which is highlighted with a blue background. Below it are "Any Field", "Full Text", "ID/Number", "Int. Classification(IPC)", "Names", and "Publication Date". The dropdown menu is positioned over a search field that currently contains the text "Field".

Field
Front Page
Any Field
Full Text
ID/Number
Int. Classification(IPC)
Names
Publication Date

Publication Number

WO/2021/051152

Publication Date

25.03.2021

International Application No.

PCT/AU2020/000106

International Filing Date

21.09.2020

IPC

A61N 1/04 2006.01 A61N 1/36 2006.01

CPC

A61N 1/0456 A61N 1/0472 A61N 1/36021
A61N 1/36025 A61N 1/36034 A61N 1/36036

Applicants

NEUROTONE AUSTRALIA PTY LTD [AU]/[AU]
563 South Road Bentleigh Victoria 3204 AU

Inventors

ATKIN, Brendan

Agents

DOHERTY, Gavin Peter

Priority Data

2019903506 20.09.2019 AU

Publication Language

English [EN]

Filing Language

English [EN]

Designated States

[View all](#)

Title

[EN] MEDICAL TREATMENT DEVICE AND METHOD OF OPERATION THEREOF
[FR] DISPOSITIF DE TRAITEMENT MÉDICAL ET SON PROCÉDÉ DE FONCTIONNEMENT

Field
Front Page

Front Page

Any Field

Full Text

ID/Number

Int. Classification(IPC)

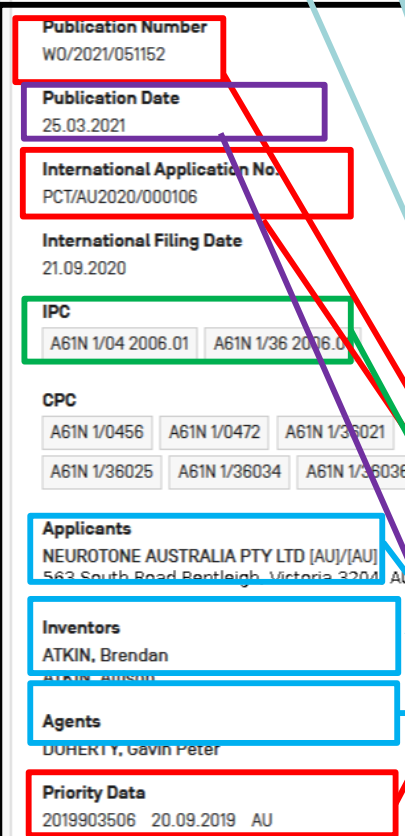
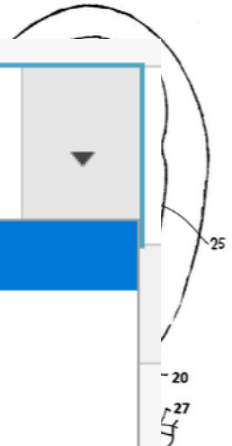
Names

Publication Date

du tragus du pavillon de l'oreille de l'individu, et un dispositif de commande pour commander l'impulsion électrique transcutanée fournie par chacune de la première électrode et de la seconde électrode.

individual comprising: an electrode unit mountable within the auricle of the individual for transcutaneous electrical stimulation at the cymba conchae and the tragus of the individual's ear, and a control device for controlling the transcutaneous electrical stimulation pulse provided by each of the first electrode and the second electrode.

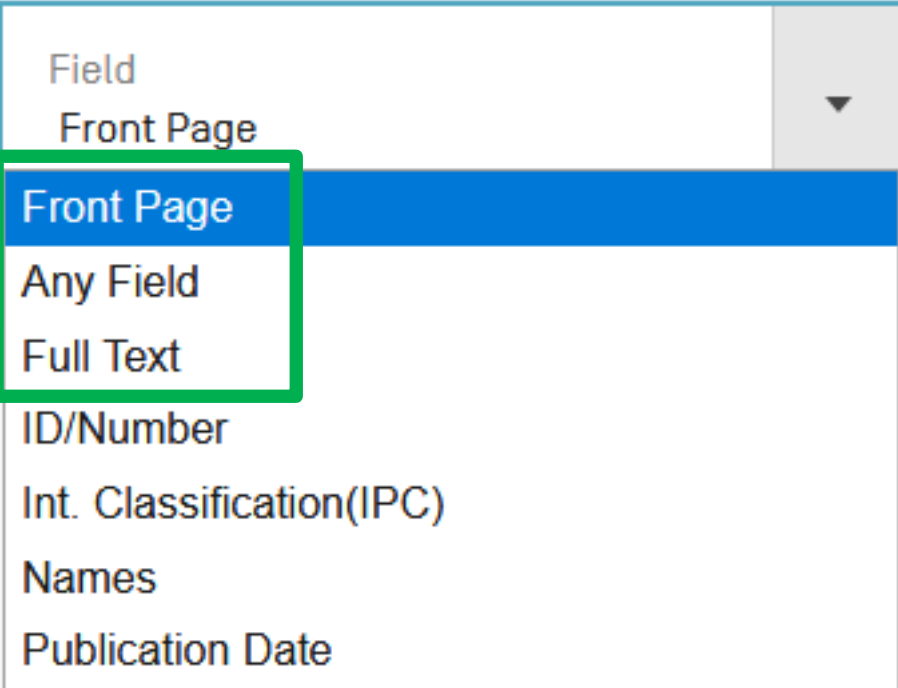
n individu, comprenant : une unité d'électrode pouvant être montée à l'intérieur de la cavité de l'oreille de l'individu, et un dispositif de commande pour commander l'impulsion électrique transcutanée fournie par chacune de la première électrode et de la seconde électrode.



Search filters: Field Front Page, Front Page, Any Field, Full Text, ID/Number, Int. Classification(IPC), Names, Publication Date

Our example

- Bicycle handelbars



A screenshot of a web form showing a dropdown menu. The dropdown is currently open, displaying a list of options. The first option, 'Front Page', is highlighted with a blue background and is also enclosed in a green rectangular box. The other options listed are 'Any Field', 'Full Text', 'ID/Number', 'Int. Classification(IPC)', 'Names', and 'Publication Date'. The dropdown is positioned over a form field that currently displays 'Front Page'.

Field
Front Page
Front Page
Any Field
Full Text
ID/Number
Int. Classification(IPC)
Names
Publication Date

Field Full Text	▼	Search terms... bicycle handelbars
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Field Full Text	▼	Search terms... "bicycle handelbars"
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Field Full Text	▼	Search terms... (bicycle NEAR5 handelbars)
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Number

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Field	▼	Search terms...
Front Page		
Front Page		
Any Field		
Full Text		
ID/Number		
Int. Classification (IPC)		
Names		
Publication Date		

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/10312

A. CLASSIFICATION OF SUBJECT MATTER

IPC: C07H 21/04(2006.01);C12N 9/16(2006.01),5/06(2006.01);C12P 21/02(2006.01)

USPC: 435/196,435 320.1,435 69.1,435/325,536/23.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/196, 435/ 320.1, 435/ 69.1, 435/325, 536/23.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Genbank Accesion No: AAB13568 (WO20040596 (SHEN et al) 06 March 2001.	1-2, 8-25, 27-42

WO20040596

= WO2000040596

1. WO2020040596 - WIRELESS COMMUNICATION METHOD AND ELECTRONIC DEVICE SUPPORTING SAME



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

[Submit observation](#) [PermaLink](#) [Machine translation](#)

Publication Number

WO/2020/040596

Publication Date

27.02.2020

International Application No.

PCT/KR2019/010770

International Filing Date

23.08.2019

IPC

H04L 12/859 2013.01 H04L 12/855 2013.01

H04L 29/12 2006.01 H04L 29/08 2006.01

H04L 12/26 2006.01

Applicants

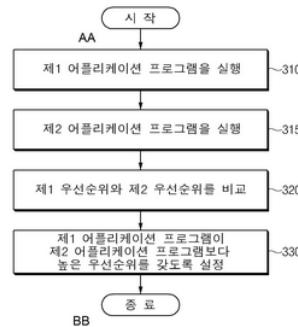
삼성전자 주식회사 SAMSUNG ELECTRONICS CO., LTD. [KR]/[KR]
경기도 수원시 영통구 삼성로 129 | 129, Samsung-ro, Yeongtong-gu Suwon-si Gyeonggi-do 16677, KR

Inventors

구자현 GU, Jaheon
민현기 MIN, Hyunkee
송재호 SONG, Jaeho
최종무 CHOI, Jongmu
이선기 LEE, Sunkey
김광민 KIM, Gwangmin
정민철 JEONG, Mincheol

Title

[EN] WIRELESS COMMUNICATION METHOD AND ELECTRONIC DEVICE SUPPORTING SAME
[FR] PROCÉDÉ DE COMMUNICATION SANS FIL, ET DISPOSITIF ÉLECTRONIQUE PRENANT EN CHARGE CE PROCÉDÉ
[KO] 무선 통신 방법 및 이를 지원하는 전자 장치



310 ... Execute first application program
315 ... Execute second application program
320 ... Compare first priority with second priority
330 ... Configure first application program to have priority higher than that of second application program
AA ... Start
BB ... End

Abstract

[EN]

An electronic device according to one embodiment disclosed in the present document comprises a display, a wireless communication circuit, a processor, and a memory configured to store a first application program having a first priority related to the use of a resource of the wireless communication circuit and a second application program having a second priority related to the use of the resource, wherein the memory can store instructions allowing the processor to execute the first application program, execute the second application program, compare the first priority with the second priority when the first application program is

1. WO2000040596 - GENE CLUSTER FOR PRODUCTION OF THE ENEDIYNE ANTITUMOR ANTIBIOTIC C-1027

[PCT Biblio. Data](#) [Description](#) [Claims](#) [Drawings](#) [National Phase](#) [Notices](#) [Compounds](#) [Documents](#)

[PermaLink](#)

Publication Number

WO/2000/040596

Publication Date

13.07.2000

International Application No.

PCT/US2000/000446

International Filing Date

06.01.2000

Chapter 2 Demand Filed

28.06.2000

IPC

C12N 15/52 2006.01 C12P 13/04 2006.01

C12P 17/14 2006.01 C12P 19/28 2006.01

C12P 19/44 2006.01 C12P 19/58 2006.01

CPC

C12N 15/52 C12P 13/04 C12P 17/14

C12P 19/28 C12P 19/44 C12P 19/58

Applicants

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
[US]/[US]
12th floor 1111 Franklin Avenue Oakland, CA
94607, US

Inventors

SHEN, Ben
LIU, Wen
CHRISTENSON, Steven, D
STANDAGE, Scott

Title

[EN] GENE CLUSTER FOR PRODUCTION OF THE ENEDIYNE ANTITUMOR ANTIBIOTIC C-1027

[FR] GROUPE DE GENES POUR LA PRODUCTION DE L'ANTIBIOTIQUE ANTITUMORAL C-1027 DE TYPE ENEDIYNE

Abstract

[EN]

This invention provides nucleic acid sequences and characterization of the gene cluster responsible for the biosynthesis of the enediyne C-1027 [produced by *S. globosporus*]. Methods are provided for the biosynthesis of enediynes, enediyne analogs and other biological molecules.

[FR]

La présente invention concerne des séquences d'acides nucléiques ainsi que la caractérisation du groupe de gènes responsable de la biosynthèse de l'énediyne C-1027 [produite par *S. globosporus*]. L'invention concerne également des techniques de biosynthèse des énediynes, de leurs analogues et d'autres molécules biologiques.

Names

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Field	▼	Search terms...
Front Page		
Front Page		
Any Field		
Full Text		
ID/Number		
Int. Classification(IPC)		
Names		
Publication Date		

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Field

Front Page



Search terms...

1955

Offices

All

3. WO1992010023 - ELECTRIC MOTOR

PCT Biblio. Data

Description

Claims

Drawings

National Phase

Notices

Documents

Publication Number

WO/1992/010023

Publication Date

11.06.1992

International Application No.

PCT/EP1991/001955

International Filing Date

15.10.1991

IPC

H02K 21/12 [2006.01]

CPC

H02K 21/125

H02K 2201/12

Applicants

Title

[DE] ELEKTRISCHE MASCHINE

[EN] ELECTRIC MOTOR

[FR] MOTEUR ELECTRIQUE

Abstract

[DE]

Die Erfindung betrifft eine stromrichtergespeiste Synchronmaschine mit einem nebeneinanderliegenden Reihen aus wechselweise magnetisierten Permanentmagneten Polstruktur [12] ein aus zwei Teilen [6, 7] aufgebauter Stator [5] gegenüberliegt. Die Ar Erregerwicklung [8] im Stator [5] nur auf einen Teil [6] des Stators [5] konzentriert ist, wob Ringwicklung [8] im Aussenstator [6] untergebracht, während der Innenstator [7] nur als transversalen Magnetflusses. Dies vereinfacht die Leitungszuführung zur Ringwicklung und

[EN]

The invention relates to a power-converted fed synchronous motor with a rotor [2] having a of magnetised permanent magnets [13] and intermediate soft iron components [14], where arrangement is such that the circumferential exciting winding [8] in the stator [5] is conce has no windings. The annular winding [8] is preferably fitted in the outer stator [6] while th the rotor [2] to produce the transverse magnetic flux. This simplifies the wiring to the annula

[FR]

9. CN109573700 - TENSION CONTROL METHOD AND TENSION CONTROL SYSTEM

National Biblio. Data

Description

Claims

Drawings

Documents

Office

China

Application Number

201910044126.1

Application Date

17.01.2019

Publication Number

109573700

Publication Date

05.04.2019

Publication Kind

A

IPC

B65H 23/198

CPC

B65H 23/1955

B65H 23/198

B65H 2701/1133

Title

[EN] Tension control method and tension control system

[ZH] 张力控制方法及张力控制系统

测量主轴以及从轴的初始卷径值，设置电子齿轮模块的初始卷径比参数，并启动主轴和从轴运转

所述主轴的编码器在运转过程中对反馈脉冲进行计数，并将计数值发送给位置闭环模块，所述位置闭环模块根据计数值以及所述初始卷径比参数计算出所述从轴跟随运转的脉冲数并发送给从轴电机，从轴电机根据收到的脉冲数控制从轴做跟随运转

从轴每转动一周时，所述电子齿轮模块根据主轴编码器反馈的脉冲数以及从轴编码器反馈的脉冲数重新计算当前卷径比参数

位置闭环模块根据主轴编码器反馈的脉冲数、从轴编码器反馈的脉冲数以及当前卷径比参数计算所述从轴的控制速度值并发送给速度闭环模块

所述速度闭环模块对所述从轴的控制速度值进行PID调节后发送给扭矩闭环模块

所述扭矩闭环模块根据进行PID调节后的从轴控制速度值计算从轴扭矩值并发送给所述从轴电机，所述从轴电机根据所述扭矩值调节扭矩，进行张力的控制

IPC

- Include subgroups automatically – no wildcard needed

A61M16/**10**  A61M16/10...A61M16/18

A61M16/**00**  A61M16/00...A61M16/22

Field
Int. Classification(IPC)

Search terms...
A61M16/10

4 102019109000 EINSTELLBARER AEROSOLDISPENSER FÜR EIN BEATMUNGSGERÄT UND BEATMUNGSGERÄT MIT DEMSELBEN

Int.Class A61M 16/14 (C) Appl.No 102019109000 Applicant Stengl Andreas Inventor gleich Anmelder

Die vorliegende Erfindung betrifft einen einstellbaren Aerosoldispenser für ein Beatmungsgerät zur Bereitstellung eines Wirkstoffs in Beatmungsluft sowie ein entsprechendes Beatmungsgerät. Ein Aerosoldispenser umfasst ein Gehäuse (2) und ein Wirkstoffreservoir (1), wobei das Gehäuse (2) eine Lufteinlassöffnung (23) und eine der Lufteinlassöffnung (23) gegenüberliegende Luftauslassöffnung (24) aufweist, die jeweils zur Kopplung in eine Beatmungsleitung (5a, 5b) konfiguriert sind, wobei die Lufteinlassöffnung (23) und die Luftauslassöffnung (24) mit dem Wirkstoffreservoir (1) in Verbindung stehen. Beatmungsluft, die im Gehäuse (2) zwischen Lufteinlassöffnung (23) und Luftauslassöffnung (24) strömt, am Wirkstoffreservoir (1) vorbeiströmt und / oder durch das Wirkstoffreservoir (1) strömt. Das Wirkstoffreservoir (1) ist eine Patrone, die austauschbar in dem Gehäuse (2) in einer Wirkstoffreservoiraufnahme (22) angeordnet ist, wobei die Patrone einen Wirkstoffaufnahmebereich (3) für den bereitzustellenden Wirkstoff definiert, der eine Patronenöffnung zur Abgabe des Wirkstoffs aufweist, wobei der Aerosoldispenser eine Verschlussvorrichtung zum schrittweisen oder vollständigen Verschließen der Patronenöffnung und damit Steuerung einer Abgabedosis des Wirkstoffs umfasst. embedded image

7 WO/2020/204731 SYSTEMS AND METHODS OF DETECTING INCORRECT CONNECTIONS IN A HUMIDIFICATION SYSTEM

Int.Class A61M 16/16 (C) Appl.No PCT/NZ2020/050029 Applicant FISHER & PAYKEL HEALTHCARE LIMITED Inventor TENG, Ivan Chih-Fan

Various control methods can indirectly determine incorrect connections between components in a respiratory therapy system. For example, incorrect connections can occur between a humidifier and/or a gases source. The methods can indirectly detect if reverse flow conditions or other error conditions exist. A reverse flow condition can occur when gas flows in the intended direction of flow. The methods can be implemented at the humidifier side, at the gases source side, or both.

Simple search

- 1 field
- Operators
- Field has to be defined

Field combination

- 2 or more **fields**
- 1 **operator** to combine the fields

FIELD COMBINATION ▾

Operator AND	Field Front Page	Value
Operator AND	Field WIPO Publication Number	Value
Operator AND	Field Application Number	Value
Operator AND	Field Publication Date	Value
Operator	Field	Value

Our example

- Bicycle handlebars
- 2019

Field Front Page	▼	Search terms... "bicycle handlebars" AND 2019
---------------------	---	---

FIELD COMBINATION ▾

	Field	Value	
operator AND	Front Page		?
operator AND	English Text	bicycle handlebars	?
operator AND	Publication Date	2019	?
operator AND	Publication Date		?
operator AND	Abstract		?
operator AND	Abstract	Is Empty: N/A	▾
operator AND	Licensing availability	<input type="checkbox"/>	

Add another search field  Reset search fields

Offices
All ▾

Languages
All ▾

Stemming

Single Family Member

Include NPL

1,621 results

FIELD COMBINATION ▾

Operator	Field	Value	
AND	Front Page	Value	?
AND	English Text	(bicycle NEAR5 handlebars) AND power	?
AND	Publication Date	2019	?
AND	Publication Date	Value	?
AND	Abstract	Value	?
AND	Abstract	Is Empty: N/A	▾
AND	Licensing availability	<input type="checkbox"/>	

+ Add another search field - Reset search fields

Offices
All ▾

Languages
All ▾

Stemming

Single Family Member

Include NPL

353 results Reset Search

FIELD COMBINATION ▾

	Field		Value	
	Front Page	▼		?
Operator AND	English Text	▼	(bicycle NEAR15 handlebars) AND power	?
Operator AND	Publication Date	▼	2019	?
Operator OR	International Class	▼	B62K21/12	?
Operator AND	Abstract	▼	Value	?
Operator AND	Abstract	▼	Is Empty: N/A	▼
Operator AND	Licensing availability	▼	<input type="checkbox"/>	

⊕ Add another search field ⊖ Reset search fields

FIELD COMBINATION ▾

		Field Front Page	▼	Value	?
Operator AND	▼	Field All Classifications	▼	Value	?
Operator AND	▼	Field Cooperative Patent Classification	▼	Value	?
Operator AND	▼	Field International Class	▼	Value	?
Operator AND	▼	Field Abstract	▼	Value	?
Operator AND	▼	Field Abstract	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>	

ADVANCED SEARCH ▼

EN_ALLTXT:(bicycle NEAR15 handlebars) OR IC:B62K21/12 AND DP:2019

ADVANCED SEARCH ▾

EN_ALLTXT (bicycle NEAR15 handlebars) OR IC B62K21/12 AND DP:2019

ADVANCED SEARCH ▼

Please enter a valid field... [or use UP/DOWN keys, and TAB or ENTER to select]

publi|

National Publication Number

Publication Date

Publication Language

Publisher

WIPO Publication Number

All

Stemming

Single Family Member

Include NPL

Reset

Instant help

- Validates search query
- Suggests terms
- Provides:
 - List of IPC codes
 - List of countries

PATENTSCOPE Help

Covid-19 Update X

HELP

SANDRINE AMMANN



Feedback

Goto

Search

CONTACT US

FAQs

PATENTSCOPE HELP

FORUM

Query Assistant

Query Examples

NATIONAL COLLECTIONS - FIELDS DEFINITION

View Fields Diagram

Symbol ↕	Name ↕	Help	Type ↕	Stemmed ↕
AAD	Applicant Address	<input checked="" type="checkbox"/> AAD:(London)	text	false
AADC	Applicant Address Country	<input checked="" type="checkbox"/> AADC:(US)	string	false
AB	Abstract	<input checked="" type="checkbox"/> AB:("electric car" OR "voiture electrique"~50)	text	true
AD	Application Date	<input checked="" type="checkbox"/> AD:(2010) <input checked="" type="checkbox"/> AD:(201007) <input checked="" type="checkbox"/> AD:(20100715) <input checked="" type="checkbox"/> AD:([01.01.2000 TO 01.01.2005])	date	false
ALL	All fields	<input checked="" type="checkbox"/> ALL:("electric car" OR "voiture electrique"~50) <input checked="" type="checkbox"/> ALL:("electric car"~50) <input checked="" type="checkbox"/> ALL:(elec*ty)	text	false
ALLNUM	All Numbers and IDs	The entered value is searched against the application number, the PCT publication number, the national publication number and the priority number <input checked="" type="checkbox"/> ALLNUM:(US200500*)	string	false

Inventor Nationality

IADC:(US)

International Class

IC:(A or C07 or "G01N 33" or "G06K 21/00")

Main International Class

ICF:(A or C07 or "G01N 33" or "G06K 21/00")

International Class Inventive

ICI:(A or C07 or "G01N 33" or "G06K 21/00")

International Class N-Inventive

ICN:(A or C07 or "G01N 33" or "G06K 21/00")

Exact IPC code

IC_EX:(C12Q)

IC_EX:("A61K 38/08")

Inventor Name

IN:(HAMILTON, Janice)

Inventor All Data

INA:(HAMILTON, Janice US California)

Main Inventor Name

INF:(HAMILTON, Janice)

International Preliminary Examination

IPE:(Report)

IPE:(None)

Cross-lingual expansion

CROSS LINGUAL EXPANSION ▾

Search terms... *

bicycle handlebars|

Query Language*

English ▾

The language of your query

Expansion Mode:

Automatic

Supervised

Use the **Supervised** mode to select the technical domains, the relevant variants, the languages to translate your query to and the fields to search by

Precision level

High ▾

Influences the precision of the suggested variants.

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Lowest level considers the less relevant as well [more suggested variants]

Search

EN_AB:("bicycle handlebars" OR "bicycle s handlebar" OR "bike handlebars"~21) OR FR_AB:("guidons de bicyclettes" OR "guidon ' une bicyclette" OR "guidon de vélo" OR "guidon d'une bicyclette") OR I



9,428 results Offices all Languages en Stemming true Single Family Member false Include NPL false



FULL QUERY

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EN_AB:("bicycle handlebars" OR "bicycle s handlebar" OR "bike handlebars"~21) OR FR_AB:("guidons de bicyclettes" OR "guidon ' une bicyclette" OR "guidon de vélo" OR "guidon d'une bicyclette") OR DE_AB:("Fahrradlenker" OR "Zweiradlenker" OR "Fahrradlenkstangen") OR ES_AB:("manillar de bicicletas" OR "manubrios de una bicicleta") OR JA_AB:("自転車 ハンドル"~22 OR "自転車ハンドル" OR "バイク ハンドル"~22 OR "除ハンドル"~22) OR RU_AB:("велосипеда руль"~22 OR "руль велосипеда" OR "самокат руль"~22 OR "велосипедный руль"~22) OR ZH_AB:("自行车 把手"~22 OR "自行车 车把"~22 OR "自行车 方向把"~22 OR "自行车 车把的握柄"~22 OR "自行车 由操纵柄"~22 OR "用于自行车车把") OR IT_AB:("manubrio di bicicletta" OR "del manubrio di bicicletta" OR "manubri da bicicletta") OR NL_AB:("fietsstuur") OR DA_AB:("cykel styr"~22 OR "mountainbike styr"~22)

91. **3105916** 光る自転車ハンドル


Int.Class [B62K 11/14](#)  Appl.No 2004004125 Applicant 株式会社森井製作所 Inventor 東 優

【課題】夜間の交通安全のための視認性に優れた光る自転車ハンドルを提供する。

【解決手段】高反射シート2を広範囲にハンドル1全周に渡り貼付したことを特徴とする光る自転車ハンドル。


【選択図】図1

92. **208264479** BICYCLE HANDLEBAR WITH ADJUSTABLE HEIGHT

Int.Class [B62K 21/16](#)  Appl.No 201820833732.2 Applicant ZHANG YUXIANG Inventor ZHANG YUXIANG

The utility model discloses a bicycle handlebar with adjustable height, including handlebar hand, spliced pole and telescoping device, the handlebar hand is connected with the telescoping device, the telescoping device includes screw spindle and axle sleeve, the axle sleeve with screw spindle threaded connection, still install stop nut on the screw spindle, the handlebar height can be adjusted at the in-process of riding as required at will to this kind of bicycle handlebar with adjustable height simple structure, convenient altitude mixture control is fixed a position firmly in the back well.

93. **206520711** NOVEL BICYCLE HANDLEBAR

Int.Class [B62K 21/12](#)  Appl.No 202016000956122 Applicant TIANJIN JINHUITONG BICYCLE CO., LTD. Inventor YANG MAOXIU

The utility model provides a novel bicycle handlebar, including the handlebar body, be equipped with the cavity on the handlebar body, the inside both ends of cavity are equipped with the support, and the support is connected with each other respectively, and the one end of support is connected with the universal joint, and it is fixed with the cavity that the support passes through the universal joint, the support, is equipped with the car frame, is equipped with the couple on the car frame, and the car frame is fixed on the support through the couple. The utility model aims to provide a simple structure, area is little, can be according to user's demand self-actuated control.

Result list

EN_ALL:(bicycle NEAR15 handlebars) AND PA:Canyon AND DP:[2015 TO 2020]



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



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1. [20190210688](#) BICYCLE HANDLEBAR

US - 11.07.2019

Int.Class [B62K 21/18](#) ⓘ Appl.No 16243288 Applicant [Canyon](#) Bicycles GmbH Inventor Lars Wagner

A bicycle handlebar includes a central part for connection with a handlebar stem or formed integrally with the same. Two outer parts are detachably connected with the central part such that they are variable in their position. The width of the handlebar can be adjusted individually.

2. [20180362110](#) BICYCLE HANDLEBAR

US - 20.12.2018

Int.Class [B62K 21/12](#) ⓘ Appl.No 16082928 Applicant [Canyon](#) Bicycles GmbH Inventor Sebastian Jadczyk

A racing bicycle handlebar includes a transverse support connected to a front part and is, in particular, designed in one piece. Two lower handle elements are connected to the transverse support. In order to design additional handle elements which are optionally elastic, two upper handle elements are connected to the transverse support.

3. [20170001679](#) BICYCLE GRIP AND BICYCLE GRIP/HANDLEBAR SYSTEM

US - 05.01.2017

Int.Class [B62K 21/28](#) ⓘ Appl.No 15198920 Applicant [Canyon](#) Bicycles GmbH Inventor Wolfgang Kohl

A bicycle grip includes a sleeve which in the mounted state surrounds a bicycle handlebar. The sleeve is surrounded by a grip element or is enclosed by it by molding. A cable duct is integrated into the sleeve. Locking elements are connected to the sleeve so as to realize fixation of the bicycle grip to a handlebar end in a simple manner. A bicycle grip/handlebar system including a correspondingly designed bicycle handlebar and a bicycle grip are also provided.

4. [20190135374](#) CLAMPING ELEMENT FOR FASTENING COMPONENTS TO [BICYCLE HANDLEBARS](#), AS WELL AS A COMPONENT WITH SUCH CLAMPING ELEMENT

US - 09.05.2019

Int.Class [B62L 3/02](#) ⓘ Appl.No 16181735 Applicant [Canyon](#) Bicycles GmbH Inventor Daniel Heyder

A clamping element for fastening [bicycle](#) components, in particular brake/gearshift units, to [bicycle handlebars](#), such as a racing [bicycle](#) handlebar, includes a first clamping part and a second clamping part. The first clamping part serves to be connected with the bicycle component, e.g. by a screw. The second clamping part is releasably connected with the first clamping part. Thereby, it is possible to configure the clamping element such that the clamping element is also suited for non-round handlebars and/or can be arranged in closed regions of a handlebar.

5. [20200354011](#) HANDLEBAR STEM AND HANDLEBAR STEM SYSTEM

US - 12.11.2020

Int.Class [B62K 21/12](#) ⓘ Appl.No 16867887 Applicant [Canyon](#) Bicycles GmbH Inventor Lars Wagner

A handlebar stem, in particular for racing [bicycle handlebars](#), comprises a main element which is connected to a handlebar at a front end. The main element is connected to the handlebar stem tube in the area of a rear end. The handlebar stem tube is connectible to a steerer tube such that it is bendable in the longitudinal direction to improve riding comfort.

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1. **WO/2017/102508** BICYCLE HANDLEBAR

WO - 22.06.2017

Int.Class **B62K 21/12** ⓘ Appl.No PCT/EP2016/080110 Applicant **CANYON** BICYCLES GMBH Inventor JADCZAK, Sebastian

The invention relates to a racing bicycle handlebar, which has a transverse support [10] connected to a front part [12] and is, in particular, designed in one piece. Two lower handle elements [14] are connected to the transverse support [10]. In order to design additional handle elements which are optionally elastic, two upper handle elements [16] are connected to the transverse support [10].

2. **WO/2019/228737** BICYCLE HANDLEBAR SUPPORT

WO - 05.12.2019

Int.Class **B62K 21/12** ⓘ Appl.No PCT/EP2019/061086 Applicant **CANYON** BICYCLES GMBH Inventor SCHELHAAS, Clemens

The invention relates to a bicycle handlebar support, which is suitable in particular for time trial or triathlon bicycles and has a central retaining element [4] which in the fitted state points in the direction of travel. Furthermore, in addition to the retaining element [4] two armrests [3] are provided for the lower arms. According to the invention a common gripping element [2] is provided in a front region of the retaining element [4] for gripping jointly with both hands.

< 1/1 ▼ >

9. WO2017102508 - BICYCLE HANDLEBAR



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

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Publication Number

WO/2017/102508

Publication Date

22.06.2017

International Application No.

PCT/EP2016/080110

International Filing Date

07.12.2016

IPC

- B62K 21/12 2006.01
- B62K 21/26 2006.01
- B62K 21/14 2006.01
- B62J 17/02 2006.01

CPC

- B62J 17/02
- B62K 21/12
- B62K 21/125
- B62K 21/14
- B62K 21/26

Applicants

CANYON BICYCLES GMBH [DE]/[DE]
Karl-Tesche-Straße 12 56073 Koblenz, DE

Inventors

JADCZAK, Sebastian
FORST, Alexander
HOFER, Sebastian

Agents

DOMPATENT VON KREISLER SELTING WERNER -
PARTNERSCHAFT VON PATENTANWÄLTEN UND
RECHTSANWÄLTEN MBB
Deichmannhaus am Dom Bahnhofsvorplatz 1
50667 Köln, DE

Priority Data

Title

- [DE] FAHRRADLENKER
- [EN] BICYCLE HANDLEBAR
- [FR] GUIDON DE BICYCLETTE

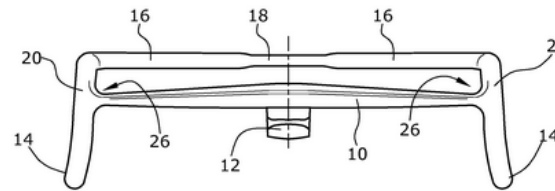


Fig. 2

Abstract

[DE]

Ein Rennradlenker weist einen Querträger (10) auf, der mit einem Vorbau (12) verbunden, und insbesondere einstückig ausgebildet ist. Mit dem Querträger (10) sind zwei untere Griffelemente (14) verbunden. Zur Ausgestaltung gegebenenfalls elastisch ausgebildeter weiterer Griffelemente sind mit dem Querträger (10) zwei obere Griffelemente (16) verbunden.

[EN]

The invention relates to a racing bicycle handlebar, which has a transverse support (10) connected to a front part (12) and is, in particular, designed in one piece. Two lower handle elements (14) are connected to the transverse support (10). In order to design additional handle elements which are optionally elastic, two upper handle elements (16) are connected to the transverse support (10).

[FR]

L'invention concerne un guidon de bicyclette comportant une traverse (10) qui est reliée à un élément saillant (12) et qui est formée en particulier d'une seule pièce. Deux éléments de préhension inférieurs (14) sont reliés à la traverse (10). Pour concevoir d'autres éléments de préhension éventuellement configurés de manière élastique, deux éléments de préhension supérieurs (16) sont reliés à la traverse (10).

Also published as

- CN108495781
- DE202015008898
- EP3390212
- US20180362110

9. WO2017102508 - BICYCLE HANDLEBAR



- PCT Biblio. Data
- Description
- Claims
- Drawings
- ISR/WOSA/A17[2][a]
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International Application Status			
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20.10.2020	International Application Status Report	HTML , PDF , XML	PDF , XML

Published International Application			
Date	Title	View	Download
22.06.2017	Initial Publication with ISR([A1 25/2017])	PDF (18p.)	PDF (18p.) , ZIP(XML + TIFFs) <input type="checkbox"/>

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30.04.2018	English Translation of the Written Opinion of the International Searching Authority	PDF (5p.)	PDF (5p.) , ZIP(XML + TIFFs) , FullText <input type="checkbox"/>
22.06.2017	([ISA/210] International Search Report	PDF (4p.)	PDF (4p.) , ZIP(XML + TIFFs) , FullText <input type="checkbox"/>
22.06.2017	([ISA/237] Written Opinion of the International Searching Authority	PDF (8p.)	PDF (8p.) , ZIP(XML + TIFFs) , FullText <input type="checkbox"/>
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W02019116199	20.06.2019	Initial Publication with ISR	W02019116199-PAMPH-20190620-3989.pdf	16	
W02019116199	20.06.2019	[ISA/237] Written Opinion of the International Searching Authority	W02019116199-WOSA-20190620-2496.pdf	8	
W02019134508	11.07.2019	Initial Publication with ISR	W02019134508-PAMPH-20190711-8836.pdf	11	
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1. [20190210688](#) BICYCLE HANDLEBAR

US - 11.07.2019

Int.Class [B62K 21/18](#) ⓘ Appl.No 16243288 Applicant [Canyon](#) Bicycles GmbH Inventor Lars Wagner

A bicycle handlebar includes a central part for connection with a handlebar stem or formed integrally with the same. Two outer parts are detachably connected with the central part such that they are variable in their position. The width of the handlebar can be adjusted individually.

2. [20180362110](#) BICYCLE HANDLEBAR

US - 20.12.2018

Int.Class [B62K 21/12](#) ⓘ Appl.No 16062928 Applicant [Canyon](#) Bicycles GmbH Inventor Sebastian Jadczyk

A racing bicycle handlebar includes a transverse support connected to a front part and is, in particular, designed in one piece. Two lower handle elements are connected to the transverse support. In order to design additional handle elements which are optionally elastic, two upper handle elements are connected to the transverse support.

3. [20170001679](#) BICYCLE GRIP AND BICYCLE GRIP/HANDLEBAR SYSTEM

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4. [20190135374](#) CLAMPING ELEMENT FOR FASTENING COMPONENTS TO [BICYCLE HANDLEBARS](#), AS WELL AS A COMPONENT WITH SUCH CLAMPING ELEMENT

US - 09.05.2019

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5. [20200354011](#) HANDLEBAR STEM AND HANDLEBAR STEM SYSTEM

US - 12.11.2020

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A handlebar stem, in particular for racing [bicycle handlebars](#), comprises a main element which is connected to a handlebar at a front end. The main element is connected to the handlebar stem tube in the area of a rear end. The handlebar stem tube is connectable to a steerer tube such that it is bendable in the longitudinal direction to improve riding comfort.

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The screenshot shows a web browser window with a dark navigation bar at the top. On the left, there is a tab titled "What is this? x". In the center of the navigation bar, the text "HELP SANDRINE AMMANN" is displayed, with "SANDRINE AMMANN" circled in red. To the right of the name are icons for a notification bell and a shopping cart. The WIPO logo is visible in the top right corner. Below the navigation bar, there is a horizontal menu with the items "Feedback", "Search", "Browse", "Tools", and "Settings". A search bar with a magnifying glass icon is positioned below the menu. Further down, there are icons for Wi-Fi, a network diagram, a document, and a window. Below these icons are the labels "Download" and "Machine translation". On the left side, there are navigation arrows and the text "1/50". The main content area shows a patent document snippet with the text "able container (100) housing at least a test chamber (102) for testing the electric car components; a climate control system" and a date "WO - 12.12.2019". A technical drawing of a container is partially visible on the right.

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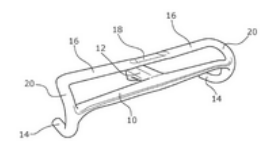


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Int.Class [B62K 21/12](#) Appl.No 18082928 Applicant [Canyon](#) Bicycles GmbH Inventor Sebastian Jadczyk

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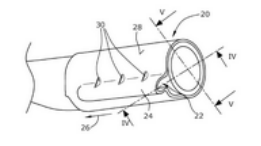


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US - 05.01.2017



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US - 09.05.2019



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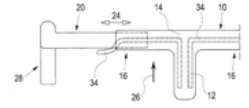
Field Combination

1. [20190210688](#) [MANILLAR DE BICICLETA](#)

US - 11.07.2019


Int.Class [B62K 21/18](#)  Appl.No 18243288 Applicant Canyon Bicycles GmbH Inventor Lars Wagner

Un manillar de bicicleta incluye una parte central para su conexión con un vástago de manillar o formado integralmente con el mismo. Dos partes exteriores están conectadas de manera desmontable con la parte central de manera que son variables en su posición. La anchura del manillar se puede ajustar individualmente.

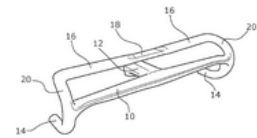


2. [20180362110](#) [MANILLAR DE BICICLETA](#)

US - 20.12.2018

Int.Class [B62K 21/12](#)  Appl.No 18082928 Applicant Canyon Bicycles GmbH Inventor Sebastian Jadczyk

Un manillar de bicicleta de carreras incluye un soporte transversal conectado a una parte frontal y, en particular, se diseña en una pieza. Dos elementos de mango inferiores están conectados al soporte transversal. Con el fin de diseñar elementos de mango adicionales que son opcionalmente elásticos, dos elementos de mango superiores están conectados al soporte transversal.

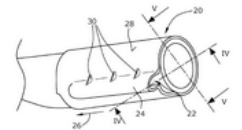


3. [20170001679](#) [EMPUÑADURA DE BICICLETA Y SISTEMA DE EMPUÑADURA/MANILLAR DE BICICLETA](#)

US - 05.01.2017


Int.Class [B62K 21/28](#)  Appl.No 15198920 Applicant Canyon Bicycles GmbH Inventor Wolfgang Kohl

Un asidero de bicicleta incluye un manguito que en el estado montado rodea un manillar de bicicleta. El manguito está rodeado por un elemento de sujeción o se encierra por moldeo. Un conducto de cable se integra en el manguito. Los elementos de bloqueo están conectados al manguito para realizar la fijación de la empuñadura de la bicicleta a un extremo de manillar de una manera sencilla. También se proporcionan un sistema de empuñadura/manillar de bicicleta que incluye un manillar de bicicleta diseñado de manera correspondiente y un asidero de bicicleta.



4. [20190135374](#) [ELEMENTO DE SUJECIÓN PARA SUJECIÓN DE COMPONENTES A MANILLAR DE BICICLETA, ASÍ COMO UN COMPONENTE CON DICHO ELEMENTO DE SUJECIÓN](#)

US - 09.05.2019

Int.Class [B62L 3/02](#)  Appl.No 18181735 Applicant Canyon Bicycles GmbH Inventor Daniel Heyder

Un elemento de sujeción para sujetar componentes de bicicleta, en particular unidades de cambio de freno/engranajes, a manejadores de bicicleta, tal como un manillar de bicicleta de carreras, incluye una primera parte de sujeción y una segunda parte de sujeción la primera parte de sujeción sirve para ser conectada con el componente de bicicleta, por ejemplo, por un tornillo. La segunda pieza de sujeción se conecta de manera liberable con la primera pieza de sujeción Por lo tanto, es posible configurar el elemento de sujeción de tal manera que el elemento de sujeción sea también adecuado para las manivelas no



10. WO2019228737 - BICYCLE HANDLEBAR SUPPORT



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Applicants

CANYON BICYCLES GMBH [DE]/[DE]
Karl-Tesche-Straße 12 56073 Koblenz, DE

Inventors

SCHELHAAS, Clemens

Agents

DOMPATENT VON KREISLER SELTING WERNER -
PARTNERSCHAFT VON PATENTANWÄLTEN UND
RECHTSANWÄLTEN MBB
Deichmannhaus am Dom Bahnhofsvorplatz 1
50667 Köln, DE

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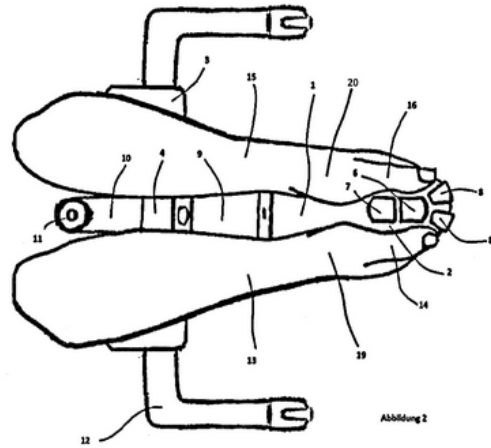
German [DE]

Filing Language

German [DE]

Title

[DE] FAHRRADLENKER-AUFLIEGER
[EN] BICYCLE HANDLEBAR SUPPORT
[FR] CINTRE DE GUIDON DE VÉLO



Abstract

[DE]

Ein Fahrradlenker-Auflieger, der insbesondere für Zeit- oder Triathlon-Fahrräder geeignet ist, weist ein zentrales Halteelement [4] auf, das in montiertem Zustand in Fahrtrichtung weist. Ferner sind seitlich neben dem Halteelement [4] zwei Armauflagen [3] für die Unterarme vorgesehen. Erfindungsgemäß ist in einem vorderen Bereich des Halteelements [4] ein gemeinsames Griffelement [2] zum gemeinsamen Greifen mit beiden Händen vorgesehen.

[EN]

The invention relates to a bicycle handlebar support, which is suitable in particular for time trial or triathlon bicycles and has a central retaining element [4] which in the fitted state points in the direction of travel. Furthermore, in addition to the retaining element [4] two armrests [3] are provided for the lower arms. According to the invention a common gripping element [2] is provided in a front region of the retaining element [4] for gripping jointly with both hands.

[FR]

L'invention concerne un cintre de guidon de vélo, en particulier de vélo de contre la montre ou de triathlon, présentant un élément de retenue [4] central orienté dans le sens de la marche lorsqu'il est monté. Le cintre comprend par ailleurs deux accoudoirs [3] pour les avant-bras, placés latéralement près de l'élément de retenue [4]. Selon l'invention, un élément poignée [2] commun destiné à être saisi à deux mains est placé dans une partie avant de l'élément de retenue [4].

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1. [20190210688](#) BICYCLE HANDLEBAR

Int.Class [B82K 21/18](#) [?](#) Appl.No 18243288 Applicant [Canyon](#) Bicycles GmbH Inventor Lars Wagner

A bicycle handlebar includes a central part for connection with a handlebar stem or formed integrally with the same. Two outer parts are detachably connected with the central part such that they are variable in their position individually.

2. [20180362110](#) BICYCLE HANDLEBAR

US - 20.12.2018

Int.Class [B82K 21/12](#) [?](#) Appl.No 18082928 Applicant [Canyon](#) Bicycles GmbH Inventor Sebastian Jadczyk

A racing bicycle handlebar includes a transverse support connected to a front part and is, in particular, designed in one piece. Two lower handle elements are connected to the transverse support. In order to design additional handle elements which are optionally elastic, two upper handle elements are connected to the transverse support.

3. [20170001679](#) BICYCLE GRIP AND BICYCLE GRIP/HANDLEBAR SYSTEM

US - 05.01.2017

Int.Class [B82K 21/26](#) [?](#) Appl.No 15198920 Applicant [Canyon](#) Bicycles GmbH Inventor Wolfgang Kohl

A bicycle grip includes a sleeve which in the mounted state surrounds a bicycle handlebar. The sleeve is surrounded by a grip element or is enclosed by it by molding. A cable duct is integrated into the sleeve. Locking elements are connected to the sleeve so as to realize fixation of the bicycle grip to a handlebar end in a simple manner. A bicycle grip/handlebar system including a correspondingly designed bicycle handlebar and a bicycle grip are also provided.

4. [20190135374](#) CLAMPING ELEMENT FOR FASTENING COMPONENTS TO [BICYCLE HANDLEBARS](#), AS WELL AS A COMPONENT WITH SUCH CLAMPING ELEMENT

US - 09.05.2019

Int.Class [B82L 3/02](#) [?](#) Appl.No 18181735 Applicant [Canyon](#) Bicycles GmbH Inventor Daniel Heyder

A clamping element for fastening bicycle components, in particular brake/gearshift units, to bicycle handlebars, such as a racing bicycle handlebar, includes a first clamping part and a second clamping part. The first clamping part serves to be connected with the bicycle

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1. [20190210688](#) BICYCLE HANDLEBAR

US - 11.07.2019

Int.Class [B62K 21/18](#) Appl.No 16243288 Applicant [Canyon](#) Bicycles GmbH Inventor Lars Wagner

A bicycle handlebar includes a central part for connection with a handlebar stem or formed integrally with the same. Two outer parts are detachably connected with the central part such that they are variable in their position. The width of the handlebar can be adjusted individually.

2. [20180362110](#) BICYCLE HANDLEBAR

US - 20.12.2018

Int.Class [B62K 21/12](#) Appl.No 16062928 Applicant [Canyon](#) Bicycles GmbH Inventor Sebastian Jadczyk

A racing bicycle handlebar includes a transverse support connected to a front part and is, in particular, designed in one piece. Two lower handle elements are connected to the transverse support. In order to design additional handle elements which are optionally elastic, two upper handle elements are connected to the transverse support.

3. [20170001679](#) BICYCLE GRIP AND BICYCLE GRIP/HANDLEBAR SYSTEM

US - 05.01.2017

Int.Class [B62K 21/28](#) Appl.No 15198920 Applicant [Canyon](#) Bicycles GmbH Inventor Wolfgang Kohl

A bicycle grip includes a sleeve which in the mounted state surrounds a bicycle handlebar. The sleeve is surrounded by a grip element or is enclosed by it by molding. A cable duct is integrated into the sleeve. Locking elements are connected to the sleeve so as to realize fixation of the bicycle grip to a handlebar end in a simple manner. A bicycle grip/handlebar system including a correspondingly designed bicycle handlebar and a bicycle grip are also provided.

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5. [20200354011](#) HANDLEBAR STEM AND HANDLEBAR STEM SYSTEM

US - 12.11.2020

Int.Class [B62K 21/12](#) Appl.No 16867687 Applicant [Canyon](#) Bicycles GmbH Inventor Lars Wagner

A handlebar stem, in particular for racing [bicycle handlebars](#), comprises a main element which is connected to a handlebar at a front end. The main element is connected to the handlebar stem tube in the area of a rear end. The handlebar stem tube is connectable to a steerer tube such that it is bendable in the longitudinal direction to improve riding comfort.

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United States of America 7	CANYON BICYCLES GMBH 27	LUKAS SCHUCHNIGG 4	B62K	18	b62k 21/12	9	2015	1	A1	15
European Patent Office 7		JOHN KEILLER 3	B62J	10	b62k 21/125	5	2016	3	B2	7
China 2		LARS WAGNER 3	B65D	5	b62k 21/18	5	2017	9	A	2
PCT 2		WOLFGANG KOHL 3	B62H	3	b65d 85/68	5	2018	5	B1	2
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		WAGNER LARS 2	A41H	1	b62k 21/14	3				
		ALEXANDER FORST 1	B25H	1	b62k 21/26	3				

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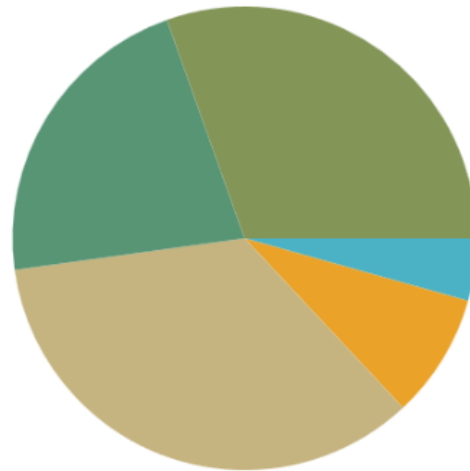
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Offices	Applicants	Inventors	IPC code	CPC code	Publication Dates	Kind code
United States of America 3	CANYON BICYCLES GMBH 3	JOHN KEILLER 2	B62H 2	a61b 5/1072 1	2018-01 0	B2 2
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