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real experts*

THE ULTIMATE INSIDERS' GUIDE
WCHER

How to take your searches to the next level

- Keyword related tricks
- Add other languages
- Use many fields
- Combine all



Search terms...

(hearing aid)

(...) = keyword to be searched in field

Search terms...

"hearing aid"

"...." = exact expression

Search terms...

("hearing aid"^{^4} AND wireless)

^ = weight to word or phrase + AND operator

Search terms...

(hearing **NEAR6** aid)

NEAR= keywords close to each other – order not relevant

Search terms...

(hearing **BEFORE4** aid)

BEFORE= order relevant

Simple search

SIMPLE SEARCH

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Field		Search terms...
Front Page	▼	"hearing aid"

FP:("hearing aid")



16,143 results Offices all Languages en Stemming true Single Family Member false Include NPL false



Sort: Relevance ▼ Per page: 10 ▼ View: All ▼

< 1/1,615 >

Machine translation ▼

1. **213186553** HEARING AID DEVICE AND HEARING AID SYSTEM

CN - 11.05.2021

Int.Class [H04R 25/00](#) Appl.No 202022010150.4 Applicant SHANGHAI YOUWEI INTELLIGENT TECHNOLOGY CO., LTD. Inventor GUAN JUN

The utility model provides a hearing aid device and a hearing aid system, which belong to the technical field of hearing aids, and specifically comprise a hearing aid main body used for receiving external sound and converting the received sound into an electric signal; the receiver is used for converting an electric signal obtained from the hearing aid main body into a sound signal and inputting the sound signal into an ear canal of a user; an asynchronous transceiver for performing an acoustic test on the hearing aid device; the hearing aid receiver base assembly is used for connecting the hearing aid main body, the receiver and the asynchronous transceiver; comprising a hearing aid interface connected with the hearing aid main body, a receiver interface connected with the receiver, a first wire pipe connected with the hearing aid interface and the receiver interface, and a second wire pipe connected with the hearing aid interface and the asynchronous transceiver. According to the processing scheme of the utility model, the burning steps are reduced, and the testing efficiency of the hearing aid device and the hearing aid system during mass production of the hearing aid is greatly improved.

2. **2017017713** OPERATION METHOD OF HEARING AID SYSTEM AND HEARING AID SYSTEM

JP - 19.01.2017

Int.Class [H04R 25/00](#) Appl.No 2016132336 Applicant SIVANTOS PTE LTD Inventor ROBERT BAEUML

PROBLEM TO BE SOLVED: To provide an operation method of a hearing aid system, and a hearing aid system.

SOLUTION: In a method for operating a hearing aid system [1] including a hearing aid [2], and a database system [3] which is formed to communicate with the hearing aid [2] and is away from the hearing aid [2], positional information of the current position of the hearing aid [2] is detected, and transmitted to the database system [3]. The database system [3] detects whether or not an apparatus [8] away from the hearing aid [2] exists within a set spatial distance from the hearing aid [2]. When the apparatus [8] away from the hearing aid [2] exists within the set spatial distance, a parameter set including a predetermined number of parameters for processing an acoustic signal in the hearing aid [2] is generated by the database system [3] for the hearing aid [2]. The parameter set is transmitted to the hearing aid [2], and used for signal processing by the hearing aid [2].

SELECTED DRAWING: Figure 1

COPYRIGHT: [C]2017.JPO&INPIT



3. **2012004857** DICHOTIC HEARING AID

JP - 05.01.2012

Field Combination

FIELD COMBINATION ▼

		Field Front Page	▼	Value	?
Operator AND	▼	Field WIPO Publication Number	▼	Value	?
Operator AND	▼	Field Application Number	▼	Value	?
Operator AND	▼	Field Publication Date	▼	Value	?
Operator AND	▼	Field English Title	▼	Value	?
Operator AND	▼	Field All Classifications	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>	

 Add another search field  Reset search fields

		Front Page	▼	Value	?
Operator AND	▼	Field English Abstract	▼	Value "hearing aid"^4 AND wireless	?
Operator AND	▼	Field Application Number	▼	Value	?
Operator AND	▼	Field Publication Date	▼	Value	?
Operator AND	▼	Field English Title	▼	Value	?
Operator AND	▼	Field All Classifications	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>	

[+](#) Add another search field [-](#) Reset search fields

Offices All	▼
Languages English	▼
<input checked="" type="checkbox"/> Stemming	
<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

1,407 results

Reset

Search

**1. 2012004857 DICHOTIC HEARING AID**

JP - 05.01.2012

Int.Class [H04R 25/00](#) Appl.No 2010137959 Applicant パナソニック株式会社 Inventor 高橋 雄三

PROBLEM TO BE SOLVED: To solve the problem that a dichotic hearing aid produces a period during which it is hard to hear when modes are switched after wireless communication has become impossible.

SOLUTION: The dichotic hearing aid has a first and a second hearing aids, each comprises: a microphone; a hearing aid processing unit for applying hearing aid processing to collected sound; a receiver for outputting a signal from the hearing aid processing unit; a communication unit for the first and the second hearing aids performing wireless communication; a battery residual amount detection unit for detecting the residual quantity of a battery. The dichotic hearing aid has: a dichotic hearing aid mode which supports hearing only consonants with the first hearing aid, and only vowels, or vowels and consonants, with the second hearing aid; a normal hearing aid mode in which both the first and second hearing aids support hearing consonants and vowels; and a mode switching unit for switching between the dichotic hearing aid mode and the normal hearing aid mode. When the battery residual capacity is reduced, the other hearing aid is notified of it by wireless communication to switch from the dichotic hearing aid mode to the normal operation mode so as to make it easy to hear even when modes are switched.

COPYRIGHT: [C]2012.JPO&INPIT

2. 1020150051542 WIRELESS CONTROL SYSTEM FOR HEARING AID USING SMARTPHONE

KR - 13.05.2015

Int.Class [H04R 25/00](#) Appl.No 1020130133112 Applicant 오큐브 주식회사 Inventor ONE, CHANG YEUN

A wireless control system for a hearing aid using a smartphone, which wirelessly controls the hearing aid using a Bluetooth-enabled smartphone, comprises: the Bluetooth-enabled smartphone which is to connect wirelessly to the hearing aid; and a hearing aid control system which is to connect internally to the hearing aid. The hearing aid can be controlled by a user by receiving the predetermined hearing aid setting values from the control system, and directly setting the setting values on the smartphone. COPYRIGHT KIPO 2015

3. 20070291969 HEARING AID DEVICE

US - 20.12.2007

Int.Class [H04R 25/00](#) Appl.No 11762785 Applicant Rion Co., Ltd Inventor Tateno Makoto

A hearing aid device is provided in which wireless data transmission and reception are established between a first hearing aid and a second hearing aid, worn one on each ear, wherein in a case where wireless transmission and reception are not possible, the first hearing aid and the second hearing aid are switched from a liaison operation mode in which both hearing aids are interactively adjusted to a solo operation mode in which each hearing aid is independently adjusted. In a case where wireless transmission and reception are possible, the first hearing aid and the second hearing aid are switched from the solo operation mode to the liaison operation mode.

4. 110112842 TRANSMITTING DEVICE OF WIRELESS CHARGING HEARING AID

CN - 09.08.2019

^ caret = weighting factor

- Same result but ranking will be different
- Word or phrases

EN_TI:(car^4 and electric^4 and battery)

EN_TI:("electric car"^4 and battery)

EN_AB:(hearing AND aid)

15,886 results Offices all Languages en Stemming true Single Family Member false Include NPL false

Sort: Relevance ▼ Per page: 10 ▼ View: All ▼

1 / 1,589 ▼

Machine translation ▼

1. [20190261102](#) REMOTELY UPDATING A HEARING AID PROFILE

US - 22.08.2019

Int.Class [H04R 25/00](#) [?](#) Appl.No 16398589 Applicant Apple Inc. Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the updated hearing aid profile.

2. [20210385590](#) REMOTELY UPDATING A HEARING AID PROFILE

US - 09.12.2021

Int.Class [H04R 25/00](#) [?](#) Appl.No 17404744 Applicant Apple Inc. Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the updated hearing aid profile.

3. [20120183165](#) REMOTELY UPDATING A HEARING AND PROFILE

US - 19.07.2012

Int.Class [H04R 25/00](#) [?](#) Appl.No 13009751 Applicant Edwin W. Foo Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the updated hearing aid profile.

4. [2012004857](#) DICHOTIC HEARING AID

JP - 05.01.2012

Int.Class [H04R 25/00](#) [?](#) Appl.No 2010137959 Applicant パナソニック株式会社 Inventor 高橋 雄三

PROBLEM TO BE SOLVED: To solve the problem that a dichotic hearing aid produces a period during which it is hard to hear when modes are switched after wireless communication has become impossible.

SOLUTION: The dichotic hearing aid has a first and a second hearing aids, each comprises: a microphone; a hearing aid processing unit for applying hearing aid processing to collected sound; a receiver for outputting a signal from the hearing aid processing unit; a communication unit for the first and the second hearing aids performing wireless communication; a battery residual amount detection unit for detecting the residual quantity of a battery. The dichotic hearing aid has: a dichotic hearing aid mode which supports hearing only consonants with the first hearing aid, and only vowels, or vowels and consonants, with the second hearing aid; a normal hearing aid mode in which both the first and second hearing aids support hearing consonants and vowels; and a mode switching unit for switching between the dichotic hearing aid mode and the normal hearing aid mode. When the battery residual capacity is reduced, the other hearing aid is notified of it by wireless communication to switch from the dichotic hearing aid mode to the normal operation mode so as to make it easy to hear even when modes are switched.

**1. [2012004857](#) DICHOTIC HEARING AID**

JP - 05.01.2012

Int.Class [H04R 25/00](#) [?](#) Appl.No 2010137959 Applicant パナソニック株式会社 Inventor 高橋 雄三

PROBLEM TO BE SOLVED: To solve the problem that a dichotic hearing aid produces a period during which it is hard to hear when modes are switched after wireless communication has become impossible.

SOLUTION: The dichotic hearing aid has a first and a second hearing aids, each comprises: a microphone; a hearing aid processing unit for applying hearing aid processing to collected sound; a receiver for outputting a signal from the hearing aid processing unit; a communication unit for the first and the second hearing aids performing wireless communication; a battery residual amount detection unit for detecting the residual quantity of a battery. The dichotic hearing aid has: a dichotic hearing aid mode which supports hearing only consonants with the first hearing aid, and only vowels, or vowels and consonants, with the second hearing aid; a normal hearing aid mode in which both the first and second hearing aids support hearing consonants and vowels; and a mode switching unit for switching between the dichotic hearing aid mode and the normal hearing aid mode. When the battery residual capacity is reduced, the other hearing aid is notified of it by wireless communication to switch from the dichotic hearing aid mode to the normal operation mode so as to make it easy to hear even when modes are switched.

COPYRIGHT: [C]2012.JPO&INPIT

2. [20210385590](#) REMOTELY UPDATING A HEARING AID PROFILE

US - 09.12.2021

Int.Class [H04R 25/00](#) [?](#) Appl.No 17404744 Applicant Apple Inc. Inventor Edwin W. Foo

Broadly speaking, the embodiments disclosed herein describe replacing a current hearing aid profile stored in a hearing aid. In one embodiment, the hearing aid profile is updated by sending a hearing aid profile update request to a hearing aid profile service, receiving the updated hearing aid profile from the hearing aid profile service, and replacing the current hearing aid profile in the hearing aid with the updated hearing aid profile.

3. [WO/2013/033872](#) PORTABLE INTEGRATED SYSTEM FOR HEARING TEST AND HEARING-AID FITTING

WO - 14.03.2013

Int.Class [A61B 5/12](#) [?](#) Appl.No PCT/CN2011/001609 Applicant JIANGSU BETTERLIFE MEDICAL CO., LTD Inventor ZHAO, Yong David

The present invention relates to a hearing test and hearing-aid fitting system. The system comprises: a main body, a control unit disposed in the main body, and a hearing test device, a hearing-aid fitting device, a wireless Internet device, and a remote expert library sharing device that are electrically and mechanically connected to the control unit. The hearing test device comprises an internal audiometer, a hearing-aid fitting program, and an external hearing device. The hearing test device inputs detected air-conducted and bone-conducted comprehensive hearing [audio signals of loudness decibels that can be heard by the patient at different frequencies] related to a hearing-aid worn by a patient to the hearing-aid fitting device that is directly coupled to the hearing test device. The technical solution provides a portable integrated intelligent system for hearing test and hearing-aid fitting based on a notebook computer: the internal audiometer and the hearing-aid fitting program are coupled into one device, so that a hearing test environment and a hearing-aid fitting environment are exactly matched, and real hearing related to the hearing-aid fitting environment is measured at a non-silence environment. The real hearing can also be converted to pure tone hearing. Meanwhile, the detected air-conducted and bone-conducted comprehensive hearing is seamlessly input to the hearing-aid fitting device completely, thereby improving the actual use effectiveness of the hearing-aid, avoiding the error that the silence hearing test environment and the hearing-aid wearing and use environment are not matched, greatly reducing time required for the hearing test and hearing-aid fitting, and reducing the equipment cost and the service cost.

4. [WO/2016/159739](#) HEARING AID ALLOWING SELF-HEARING TEST AND FITTING, AND SELF-HEARING TEST AND FITTING SYSTEM USING SAME

WO - 06.10.2016

Int.Class [H04R 25/00](#) [?](#) Appl.No PCT/KR2016/002462 Applicant THE YEOLBIM CO., LTD Inventor YOO, Jun-Soo

EN_AB:(hearing AND aid)

EN_AB:(hearing^10 AND aid)

1. [20190261102](#) REMOTELY UPDATING A HEARING AID PROFILE

Int.Class [H04R 25/00](#)  Appl.No 16398589 Applicant Apple Inc. Inventor Edwin W. Foo


1. [2012004857](#) DICHOTIC HEARING AID

Int.Class [H04R 25/00](#)  Appl.No 2010137959 Applicant パナソニック株式会社 Inventor 高橋 雄三

2. [20210385590](#) REMOTELY UPDATING A HEARING AID PROFILE

Int.Class [H04R 25/00](#)  Appl.No 17404744 Applicant Apple Inc. Inventor Edwin W. Foo


2. [20210385590](#) REMOTELY UPDATING A HEARING AID PROFILE

Int.Class [H04R 25/00](#)  Appl.No 17404744 Applicant Apple Inc. Inventor Edwin W. Foo

3. [20120183165](#) REMOTELY UPDATING A HEARING AND PROFILE

Int.Class [H04R 25/00](#)  Appl.No 13009751 Applicant Edwin W. Foo Inventor Edwin W. Foo

3. [WO/2013/033872](#) PORTABLE INTEGRATED SYSTEM FOR HEARING TEST AND HEARING-AID FITTING

Int.Class [A61B 5/12](#)  Appl.No PCT/CN2011/001609 Applicant JIANGSU BETTERLIFE MEDICAL CO., LTD Inventor ZHAO, Yong David

4. [2012004857](#) DICHOTIC HEARING AID

Int.Class [H04R 25/00](#)  Appl.No 2010137959 Applicant パナソニック株式会社 Inventor 高橋 雄三

4. [WO/2016/159739](#) HEARING AID ALLOWING SELF-HEARING TEST AND FITTING, AND SELF-HEARING TEST AND FITTING SYSTEM USING SAME

Int.Class [H04R 25/00](#)  Appl.No PCT/KR2016/003462 Applicant THE YEOLRIM CO.,LTD. Inventor YOO, Jung Gee

		Front Page	▼	Value	?
Operator AND	▼	Field English Abstract	▼	Value "hearing aid" ^W AND wireless	?
Operator AND	▼	Field Application Number	▼	Value	?
Operator AND	▼	Field Publication Date	▼	Value	?
Operator AND	▼	Field English Title	▼	Value	?
Operator AND	▼	Field All Classifications	▼	Is Empty: N/A	▼
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>	

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Offices All	▼
Languages English	▼
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<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

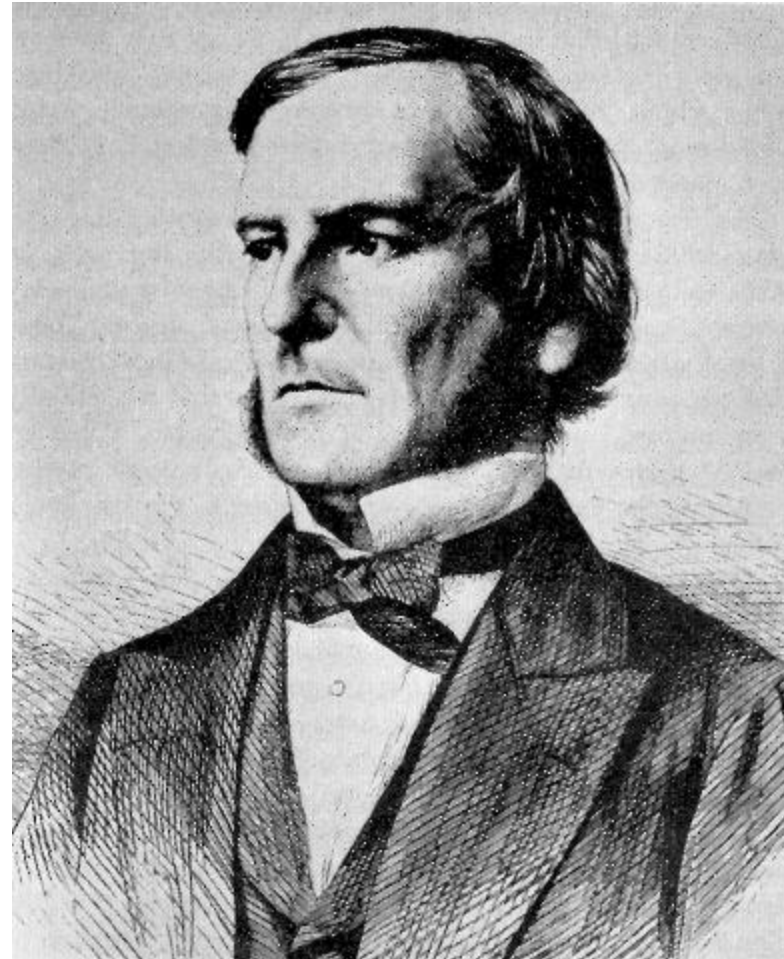
1,407 results

Reset

Search

Boolean operators

- AND
- OR
- NOT
- ANDNOT



ANDNOT - NOT

- Use ANDNOT when searching A excluding B
Ex: hearing ANDNOT aid
- Use NOT when searching all documents except A
Ex:NOT(blade AND razor AND head)

1. [113256452](#) DIGITAL REMOTE CROSS-DOMAIN COURT HEARING SYSTEM

CN - 13.08.2021

Int.Class [G06Q 50/18](#)  Appl.No 202110594502.1 Applicant THE FOURTH INTERMEDIATE PEOPLE'S COURT OF CHONGQING MUNICIPALITY Inventor LI LIANG

The invention relates to the technical field of remote court hearing, in particular to a digital remote cross-domain court hearing system, which comprises a plurality of court hearing subsystems, wherein the court hearing subsystems are used for collecting court hearing related information of a court where the court hearing subsystems are located; and a server used for acquiring the court hearing related information corresponding to the court hearing subsystems and realizing synchronous information interaction among the court hearing subsystems according to the court hearing related information. According to the digital remote cross-domain court hearing system, court hearing in combination with courts in different places can be realized, so that the trial efficiency of the court hearing can be improved, and the trial cost of the court hearing can be reduced.

2. [1020160111748](#) HEARING ENHANCEMENT FUNCTION SETTING METHOD OF HEARING DEVICE AND HEARING DEVICE HAVING HEARING ENHANCEMENT FUNCTION


KR - 27.09.2016

Int.Class [H04R 25/00](#)  Appl.No 1020150036808 Applicant 주식회사 비에스엘 Inventor 이용근

The present invention relates to a hearing enhancement function setting method of a hearing device and the hearing device having a hearing enhancement function. More specifically, the present invention relates to a hearing enhancement function setting method of a hearing device and the hearing device having a hearing enhancement function, capable of applying the hearing enhancement function in the hearing device connected to a mobile device. The hearing enhancement function setting method of a hearing device includes the steps of: installing an application [AP] for operating the hearing device [10] on a mobile device [M]; enabling the mobile device [M] to prepare hearing test data; generating environment adaptation data by determining an application environment with regard to the hearing test data; transmitting the environment adaptation data to the hearing device [10]; transmitting a sound signal to the hearing device [10] from the mobile device [M] through wireless communication; and transmitting the sound signal to which the environment adaptation data is applied, to earphones [22]. COPYRIGHT KIPO 2016

3. [109089199](#) HEARING EQUIPMENT AND HEARING PARAMETER CONFIGURATION METHOD AND DEVICE THEREOF


CN - 25.12.2018

Int.Class [H04R 25/00](#)  Appl.No 201810747329.2 Applicant SHENZHEN PULUOSHENG ACOUSTIC TECHNOLOGY CO., LTD. Inventor ZHU JUNYING

An embodiment of the present application provides a hearing parameter configuration method, an apparatus, an electronic device, and a computer-readable storage medium for a hearing device, which provide a hearing parameter suitable for the hearing of a user's left ear and a hearing parameter suitable for the hearing of a user's right ear. Detecting whether the hearing device is worn on the left ear of the user or on the right ear of the user; configuring a hearing parameter suitable for hearing of an ear worn by the hearing device according to the wearing condition of the hearing device; for the user with only one hearing device, the user can switch the wearing position of the hearing device according to the need to obtain the hearing parameters suitable for wearing ears, and need not go to the hearing equipment manufacturer's hearing matching center to adjust and calibrate the hearing parameters, which is more convenient. Users who wear two hearing devices will be equipped with hearing parameters corresponding to the hearing of the ear worn by the hearing device, without worrying about the hearing device wearing the reverse effect of hearing.

4. [106037755](#) HEARING HEALTH MANAGEMENT SYSTEM AND METHOD BASED ON O2O MODE

CN - 26.10.2016

Int.Class [A61B 5/12](#)  Appl.No 102016000338952 Applicant SHENZHEN E-TECHCO INFORMATION TECHNOLOGY CO., LTD. Inventor ZHANG GUANJING

The invention discloses a hearing health management system and a hearing health management method based on the O2O mode, applied to terminal equipment. The hearing health management method comprises the following steps: receiving the

EN_AB:(NOT (hearing AND aid AND assistance))



109,954,099 results Offices all Languages en Stemming true Single Family Member false Include NPL false



Sort: Relevance ▼ Per page: 10 ▼ View: All ▼

< 1 / 10,995,410 >

Machine translation ▼

1. [142059](#) MODIFIED LOOM AND METHOD FOR INCORPORATING WIDE STRIPS IN WEAVING PROCESSES

IL - 10.03.2002

Int.Class Appl.No 142059 Applicant ALON NAHIR Inventor

2. [142117](#) PRE-STRESSED ARMOUR

IL - 10.03.2002

Int.Class Appl.No 142117 Applicant GIGI SIMOVICI Inventor

3. [142234](#) LEAK PROOF SEALING OF A BAG OR POUCH WITH ADHESIVE STRIP

IL - 10.03.2002

Int.Class Appl.No 142234 Applicant GABRIEL DAGON Inventor

4. [142259](#) KILN FOR PRESSABLE CERAMIC

IL - 10.03.2002

Int.Class Appl.No 142259 Applicant BARUCH INDIG Inventor

5. [142348](#) SURFACE BOUND MOLECULES

IL - 10.03.2002

Int.Class Appl.No 142348 Applicant AVRAHAM PATCHORNIK Inventor

6. [142425](#) METHOD FOR COLD PLASTIC WORKING OF METALS AND ALLOYS

IL - 10.03.2002

Int.Class Appl.No 142425 Applicant EFIM REZNILOV Inventor

More operators: BEFORE/NEAR

EN_TI:((hearing BEFORE6 aid) OR (hearing NEAR6 aid))

12,002 results Offices all Languages en Stemming true Single Family Member false Include NPL false



Sort: Relevance ▼ Per page: 10 ▼ View: All ▼

< 1/1,201 >

Machine translation ▼

1. [20210195349](#) [HEARING AID](#), [HEARING AID SET AND HEARING AID MODULE](#)

US - 24.06.2021

Int.Class [H04R 25/00](#) ⓘ Appl.No 17123424 Applicant Sivantos Pte. Ltd. Inventor Peter Nikles

A hearing aid has a hearing aid module for supplying electrical energy and has a transmitting and receiving unit for communication with another device. The hearing aid module has an accumulator and a charging circuit for charging the accumulator. The charging circuit is formed for contactless, in particular inductive, charging of the accumulator. The hearing aid module further has a charging conductor loop. The transmitting and receiving unit has a radio conductor loop and the radio conductor loop is integrated into the hearing aid module.

2. [113015053](#) [HEARING AID](#), [HEARING AID SET AND HEARING AID MODULE](#)

CN - 22.06.2021

Int.Class [H04R 1/10](#) ⓘ Appl.No 202011508570.3 Applicant SIVANTOS PTE LTD. Inventor NIKLES PETER

The invention relates to a hearing aid, a hearing aid set and a hearing aid module. The hearing aid 4 has a hearing aid module 12 for supplying electrical energy and has a transmitting and receiving unit 8, 18 for communication with another device 4. The hearing aid module 12 has an accumulator 20 and a charging circuit 38 for charging the accumulator 20. The charging circuit 38 is formed for contactless, in particular inductive, charging of the accumulator 20. The hearing aid module further has a charging conductor loop 16. The transmitting and receiving unit 8, 18 has a radio conductor loop 18 and the radio conductor loop 18 is integrated into the hearing aid module 12.

3. [3840417](#) [HEARING AID](#), [HEARING AID SET AND HEARING AID MODULE](#)

EP - 23.06.2021


Int.Class [H04R 25/00](#) ⓘ Appl.No 20206542 Applicant SIVANTOS PTE LTD. Inventor NIKLES PETER

Die Erfindung betrifft ein Hörgerät (4) aufweisend ein Hörgeräte-Modul (12) zur Versorgung mit elektrischer Energie und aufweisend eine Sende- und Empfangseinheit (8,18) für eine Kommunikation mit einem weiteren Gerät (4), wobei das Hörgeräte-Modul (12) einen Akkumulator (20) sowie einen Ladeschaltkreis (38) zum Aufladen des Akkumulators (20) aufweist, wobei der Ladeschaltkreis (38) für ein kontaktloses, insbesondere ein induktives, Aufladen des Akkumulators (20) ausgebildet ist und eine Lade-Leiterschleife (16) aufweist, wobei die Sende- und Empfangseinheit (8,18) eine Funk-Leiterschleife (18) aufweist und wobei die Funk-Leiterschleife (18) in das Hörgeräte-Modul (12) integriert ist.

4. [2432253](#) CONNECTOR FOR [HEARING AID](#), [HEARING AID](#) AND [HEARING AID SYSTEM](#)

EP - 21.03.2012

Proximity operator NEAR

- words next to each other - order not relevant
- NEAR3  3 = the max nb of word gaps between 2 search terms
- NEAR = NEAR5

Proximity search: BEFORE

- the order of terms is significant.

hearing BEFORE aid

Keywords

- Stemming
- Wildcard
- Truncation
- Fuzzy

Stemming

ADVANCED SEARCH ▼

Search terms...

Query Assistant [Query Examples](#)

+ Expand with related terms

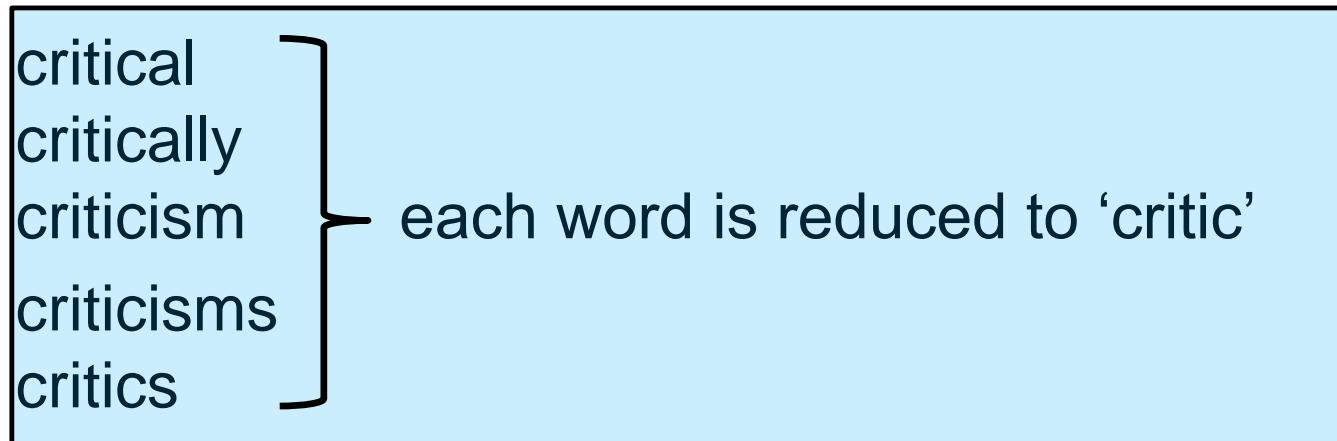
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Languages All	▼
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<input type="checkbox"/> Single Family Member	
<input type="checkbox"/> Include NPL	

Reset

Search

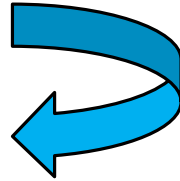
Stemming

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



Stemming

- no dictionary includes the necessary technical terms to express patent concepts



- Porter Stemming Algorithm finds words that contain common roots
- Save time and effort

Search without stemming

EN_AB:(shaving head)

3,347 results Offices all Languages all Stemming false Single Family Member false Include NPL false

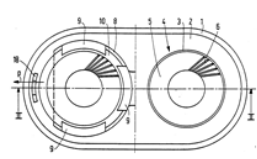
Sort: Relevance Per page: 100 View: All+Image 1 / 34 Download Machine translation

1. **4934051** SHAVING APPARATUS WITH A DETACHABLE HEAD

US - 19.06.1990

Int.Class B26B 19/14 Appl.No 07249611 Applicant U.S. Philips Corp. Inventor Labrijn Hans

A shaving apparatus is provided which comprises a housing having a detachable shaving head which has at least one opening for a shaving unit, which shaving unit comprises an external shaving member formed with hair entry apertures and an internal shaving member which is drivable relative to the external shaving member. Inside the shaving head a retaining plate is arranged, to which plate the external shaving member is detachably secured, the internal shaving member being retained between the external shaving member and the retaining plate. The retaining plate is secured to the housing so as to be detachable independently of the shaving head and the shaving head is movable both relative to the housing and relative to the retaining plate with the shaving members.

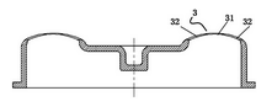


2. **204295710** SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER

CN - 29.04.2015

Int.Class B26B 19/14 Appl.No 20142033433.3 Applicant HAINING XINYI ELECTROMECHANICAL CO., LTD. Inventor WU PENGCHENG

The utility model relates to a shaving head component of a rotary type electric shaver. According to an existing shaving net of the dual-ring shaving head component of the rotary type electric shaver, and a draw bead is used for connecting, accordingly, the effective shaving area is smaller, a shaving net working face attaching to skin is a plane, touching to the skin is incomplete, the effective shaving area is small during working, and the shaving efficiency is low. The shaving head component of the rotary type electric shaver is characterized in that the shaving net comprises at least three concentric shaving ring surfaces, the section of the shaving net forms arched working faces in two sides, and the shaving ring surfaces are arranged on the arched working faces. The arched working faces arranged can make attach to faces effectively and improve shaving comfort level. The shaving net is of an arched shape, the shaving net attaches to the faces effectively, and the shaving comfort level is improved. The attaching area of the shaving net is improved, the effective shaving area is improved, the shaving comfort level is better, and the shaving efficiency and neatness are further improved by the cooperation of the shavers and the shaving net.

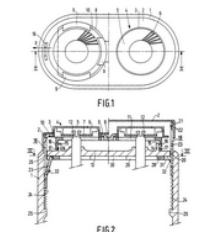


3. **0311179** SHAVING APPARATUS

EP - 12.04.1989

Int.Class B26B 19/14 Appl.No 88202108 Applicant N.V. PHILIPS' GLOEILAMPENFABRIEKEN Inventor LABRIJN, HANS

A shaving apparatus comprises a housing [1] provided with a detachable shaving head [2] which has at least one opening [3] for a shaving unit [4], which shaving unit [4] comprises an external shaving member [5] formed with hair entry apertures [6], and an internal shaving member [7] which is drivable relative to the external shaving member [5]. Inside the shaving head [2] a retaining plate [8] is arranged, to which plate [8] the external shaving member [5] is detachably secured, the internal shaving member [7] being retained between the external shaving member [5] and the retaining plate [8]. The retaining plate [8] is secured to the housing [1] so as to be detachable independently of the shaving head [2] and the shaving head [2] is movable both relative to the housing [1] and relative to the retaining plate [8] with the shaving members [5, 7].



4. **008910150** COMBINED SHAVING TOOL BIT WITH SKIN CARE AND LUBRICATION FUNCTIONS

CN - 03.05.2010

Same search with stemming

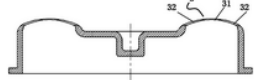
EN_AB:(shaving head)

4,515 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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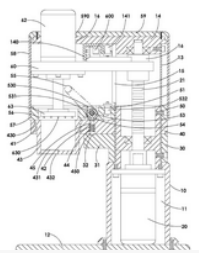
1. **204295710** SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER
CN - 29.04.2015
Int.Class B26B 19/14 Appl.No 201420733433.3 Applicant HAINING XINYI ELECTROMECHANICAL CO., LTD. Inventor WU PENGCHENG

The utility model relates to a shaving head component of a rotary type electric shaver. According to an existing shaving net of the dual-ring shaving head component of the rotary type electric shaver, and a draw bead is used for connecting; accordingly, an effective shaving area is smaller, a shaving net working face attaching to skin is a plane, touching to the skin is incomplete, the effective shaving area is small during working, and the shaving efficiency is low. The shaving head component of the rotary type electric shaver is characterized in that the shaving net comprises at least three concentric shaving ring surfaces, the section of the shaving net forms arched working faces in two sides, and the shaving ring surfaces are arranged on the arched working faces. The arched working faces arranged can make attach to faces effectively and improve shaving comfort level. The shaving net is of an arched shape, the shaving net attaches to the faces effectively, and the shaving comfort level is improved. The attaching area of the shaving net is improved, the effective shaving area is improved, the shaving comfort level is better, and the shaving efficiency and neatness are further improved by the cooperation of the shavers and the shaving net.



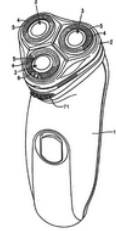
38. **204665781** ICE CRUSHER STRUCTURE
CN - 23.09.2015
Int.Class F25C 5/12 Appl.No 201520184424.8 Applicant LI ZONGZHI Inventor LI ZONGZHI

The utility model provides an ice crusher structure, allow to change the shaved ice head that the pendulum left the shaved ice motor through a shaved ice section of thick bamboo on the load bearing seat, the compounding practice hand [hold] can simply be carried out around the load bearing seat changes the pendulum and lock or the operation of unblock, and, when utilizing the load bearing seat backswing, the location slotted hole embedding production location of supporting seat can be searched voluntarily to the clip head of bolt, facilitate the quick and accurate opposition of shaved ice head of a shaved ice section of thick bamboo, except that favourable ice -cube is devoted oneself to work in a shaved ice section of thick bamboo, the shaved ice head pushes down and drives rotary process to shaved ice section of thick bamboo medium floe, a shaved ice section of thick bamboo is stable provides the ice -cube and holds and put, and the ice -cube beginning shaved ice initial stage, the working face of shaved ice head is close the effect of shaved ice section of thick bamboo entry, when more making the swing arm have the action of decline at the beginning, the production pushed down to the ice -cube during the shaved ice head got into a shaved ice section of thick bamboo promptly fast, and it is rotary to drive the ice -cube, the action of formation shaved ice, and then can be under the shaved ice operating condition of safety, the action of shaved ice head virtual work or operation stroke time is shortened the loss, obtain good work efficiency.



40. **20060117569** SHAVING APPARATUS
US - 08.06.2006
Int.Class B26B 19/14 Appl.No 10539027 Applicant Koninklijke Philips Electronics N.V. Inventor Van Der Meer Mattheus Jacobus

A shaving apparatus has shaving heads (3) each having an internal cutting member (6) and an associated external cutting member (4); and a drive structure (1) coupled to each of the internal cutting members (6). The external cutting members (4) are each rotatable about an axis of rotation (15) between different shaving positions. The shaving face of each head includes a first shaving field (7) for cutting short hair and a second shaving field (8) for cutting long hair. The shaving fields (7, 8) extend through different segment of the shaving face. For effecting rotation of the external cutting members (4) between the shaving positions, a control member (11) is arranged between the shaving heads (3) and engages the external cutting members (4) of the shaving heads (3) for simultaneously controlling the rotation of the external cutting members (4) of the shaving heads (3).



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

Use of wildcards

- Spelling uncertainty (plural, tenses, foreign words):

tyre vs. tire → t*re

University vs Universität → Universit* Stuttgart

- Multiple spelling variants are known:

color vs. colour → col*

- Preferred option over stemming:

electric vs. electricity → electri*

Wildcard vs stemming

- Logic results:

- *navy, navies* or *naval* if *nav** = *navigating, navigation,*

- *electricity* or *electric* if *elect** = *electoral*

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.

WILDCARD VS STEMMING

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

Enter a word
shaving

Compare to

Stemming shaving	Wildcard shaving*
shaving	shaving
shavings	shavings
shave	
shaves	
shaved	

HELP

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Fuzzy searches

- Use of the tilde: ~

- Examples:

roam~ \longrightarrow foam / roams

Roam~0.8



Useful to find misstpyed, misspelt or mis-OCRed words

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Imaret Hotel
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Field Combination

Cross Lingual Expansion

Chemical compounds (login required)

cluding 3.9 million published international p

ge

PCT publication 46/2020 is scheduled for 12



Query Examples

CROSS LINGUAL EXPANSION ▾

Search terms... *

"hearing aid"

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.

Highest level considers only the most relevant ones [less suggested variants]

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

Search

EN_AB:(**"hearing aid"** OR **"hearing device"**) OR FR_AB:(**"appareil auditif"** OR **"appareil de correction auditive"** OR **"dispositif auditif"** OR **"prothèses auditives"** OR **"audioprothèse"** OR **"assistance auditive"**)

24,541 results Offices all Languages en Stemming true Single Family Member false Include NPL false



FULL QUERY

Close

Edit

EN_AB:(**"hearing aid"** OR **"hearing device"**) OR FR_AB:(**"appareil auditif"** OR **"appareil de correction auditive"** OR **"dispositif auditif"** OR **"prothèses auditives"** OR **"audioprothèse"** OR **"assistance auditive"** OR **"prothèse acoustique"** OR **"appareil d'aide auditive"** OR **"prothèse auditive"**) OR DE_AB:(**"Hörgerät"** OR **"Hörhilfegerät"** OR **"Hörvorrichtung"**) OR ES_AB:(**"audífono"** OR **"audfono"** OR **"auxiliar de audición"** OR **"disositivo auditivo"**) OR PT_AB:(**"dispositivo auxiliar de audição"** OR **"audiofone"** OR **"aparelho auditivo"**) OR JA_AB:(**"補聴"** OR **"これを用いた聴取"** OR **"聴取デバイス"** OR **"ヒアリングデバイス"** OR **"を聴取"** OR **"を備えた聴取"** OR **"をの聴覚"** OR **"これ聴取"**) OR RU_AB:(**"cnyxoboro annapata"**) OR ZH_AB:(**"助听器"** OR **"用于助听"**) OR KO_AB:(**"보청기"** OR **"장치 및 콘텐츠 처리"**) OR IT_AB:(**"protesi acustica"** OR **"acustico"** OR **"auricolare"** OR **"chiocciola"**) OR SV_AB:(**"hörapparat"**) OR NL_AB:(**"hoorapparaat"** OR **"gehoortoestel"** OR **"gehoorapparaat"** OR **"hoortoestel"** OR **"gehoorinrichting"**) OR PL_AB:(**"aparac sluchowy"**) OR DA_AB:(**"høreapparat"**)

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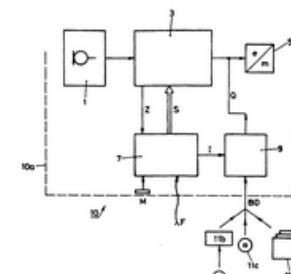
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1. **1354497** COMMUNICATION METHOD AND A HEARING AID SYSTEM

Int.Class **H04R 25/00** ? Appl.No 01900363 Applicant PHONAK AG Inventor ROECK HANS-UELI

The aim of the invention is to increase attractiveness of **hearing aid** systems. User-defined sequences are inputted into a generator unit [9] on the **hearing aid**. A respective acknowledgement signal [Q] is transmitted from the generator unit [9] to the electro/mechanical converter unit [5] of the **hearing aid** for acknowledging an action having been carried out on the **hearing aid**.

EP - 22.10.2003




ADVANCED SEARCH



EN_AB:("hearing aid" OR "hearing device") OR JA_AB:("補聴" OR "これを用いた聴取" OR "聴取デバイス" OR "ヒアリングデバイス" OR "を聴取" OR "を備えた聴取" OR "をの聴覚" OR "これ聴取") OR ZH_AB:("助听器" OR "用于助听") OR KO_AB:("보청기" OR "장치 및 콘텐츠 처리")


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Stemming

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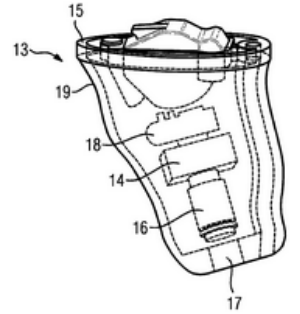
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7. 104244156 用于助听设备的天线设备

Int.Class H04R 25/00 ② Appl.No 201410250412.0 Applicant 西门子医疗器械公司 Inventor P.尼克莱斯

本发明涉及一种用于助听设备的天线设备，其具有天线装置和另外的电助听设备部件，该天线装置具有优选的发送和接收空间方向，该电助听设备部件主要在干扰辐射空间方向上发射电磁干扰辐射。天线装置和另外的助听设备部件布置成使得发送和接收空间方向和干扰辐射空间方向彼此横向地定向为使耦合到天线装置中的干扰辐射得以减少。天线装置中干扰耦合的减少允许在结构体积和能量需求保持不变时能有更高的发射和接收带宽。另外的助听器部件可以是接收器或其它的、发射尤其是感应或电磁的辐射的部件。

CN - 13.10.2017



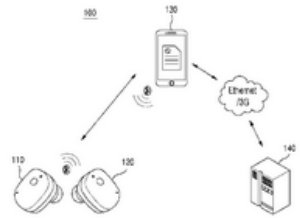
8. 2022504252 補聴器

Int.Class H04R 3/00 ② Appl.No 2021518591 Applicant オリーブ ユニオン インコーポレイテッド Inventor ソン, ミュン ジェウン

本発明は、一側に形成された第1スマートヒアリングデバイスおよび他側に形成された第2スマートヒアリングデバイスが受信するオーディオ信号を分析して設定される制御パラメータを利用することで、使用者が左側および右側の音の方向性による環境変化と騒音変化を立体的に認知できるように提供する。

【選択図】 図1

JP - 13.01.2022



9. 2022535299 個人用のヒアリングデバイスにおける適応サウンドイコライゼーションのためのシステムおよび方法

Int.Class G10L 25/81 ② Appl.No 2021572667 Applicant ディーティーエス・インコーポレイテッド Inventor グッドウィン マイケル エム

個人用のヒアリングデバイスにおける適応サウンドイコライゼーションのためのシステムおよび方法の実施形態が開示される。いくつかの実施形態では、個人用のヒアリングデバイスのマイクロフォンが、リスナーの環境からサウンドを受信する。次いで、サウンドは、1以上の所望の目標、たとえばラウドネスレベルまたはスペクトルバランスを決定するために分析される。決定された目標は次に、マイクロフォンによって受信されたサウンドの適応処理を制御するのに用いられ、知覚的に改善されたサウンドを生成し、リスナーに対してレンダリングされる。

【選択図】 図1

JP - 05.08.2022

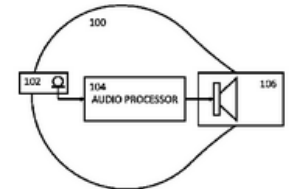


FIGURE 1

10. 101389157 HEARING AID WITH ELASTICALLY SUPPORTED EARPIECE

Int.Class H04R 25/00 ② Appl.No 200810145198.7 Applicant Siemens Medical Instr Pte Ltd. Inventor Fickweiler Werner

The invention relates to a receiver facility with an elastically mounted receiver. In the case of a receiver facility to be fixed in the auditory canal, particularly for hearing devices with an external receiver, the receiver

CN - 18.03.2009



JA_AB:("補聴" OR "これを用いた聴取" OR "聴取デバイス" OR "ヒアリングデバイス" OR "を聴取" OR "を備えた聴取" OR "をの聴覚" OR "これ聴取") OR ZH_AB:("助听器" OR "用于助听") OR KO_AB:("보



4,747 results Offices all Languages en Stemming true Single Family Member false Include NPL false



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1. 1874617 AUDIO COMPENSATOR

Int.Class H04R 25/00 ? Appl.No 200610085732.0 Applicant Yang Yifang Inventor Yang Yifang

The invention is used for reducing noise of the hearing adds. It uses digitally sectional compensation approach for sound source so as to reduce noise and improve sound quality.

2. 206640802 HEARING AID CALIBRATION SYSTEM

Int.Class H04R 29/00 ? Appl.No 201720240161.7 Applicant SHENZHEN MAGNET TECHNOLOGY CO.,LTD Inventor WANG YUANCONG

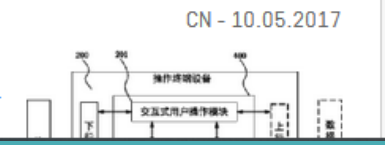
The utility model discloses a hearing aid calibration system which constitutes and includes: audiphone and terminal operations equipment, wherein, audiphone 100 have be used for with the co of 200 communications of terminal operations equipment and be used for accessing user's user preference, the access arrangement of hearing aid gain parameter, terminal operations equi used for with the down communication device 204 of 100 communications of audiphone, terminal operations equipment 200 has the hearing aid check -up operating software 400 that the hearing aid check -up, its characterized in that hearing aid calibration system, through 200 operations of terminal operations equipment audiphone 100 gets into hearing and detects the mc hearing and detect, through 200 operations of terminal operations equipment audiphone 100 gets into hearing check -up mode, accomplishes automatic correction hearing aid gain parameter.



3. 106658334 HEARING-AID CHECKING SYSTEM AND CHECKING METHOD THEREOF

Int.Class H04R 29/00 ? Appl.No 201710142789.8 Applicant SHENZHEN XITIESHI TECHNOLOGY CO., LTD. Inventor WANG YUANCONG

The invention discloses a hearing-aid checking system. The hearing-aid checking system comprises a hearing-aid and a terminal operating device; the hearing-aid 100 comprises a communication device used for communicating with the terminal operating device 200 and an access device used for accessing a user parameter and a hearing-aid gain parameter of a user; and the terminal operating device 200 comprises a

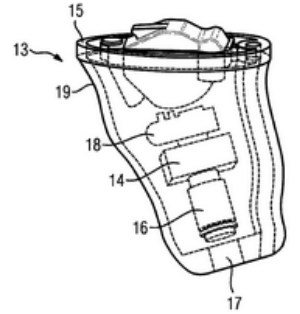


7. 104244156 用于助听设备的天线设备

Int.Class H04R 25/00 ② Appl.No 201410250412.0 Applicant 西门子医疗器械公司 Inventor P.尼克莱斯

本发明涉及一种用于助听设备的天线设备，其具有天线装置和另外的电助听设备部件，该天线装置具有优选的发送和接收空间方向，该电助听设备部件主要在干扰辐射空间方向上发射电磁干扰辐射。天线装置和另外的助听设备部件布置成使得发送和接收空间方向和干扰辐射空间方向彼此横向地定向为使耦合到天线装置中的干扰辐射得以减少。天线装置中干扰耦合的减少允许在结构体积和能量需求保持不变时能有更高的发射和接收带宽。另外的助听器部件可以是接收器或其它的、发射尤其是感应或电磁的辐射的部件。

CN - 13.10.2017



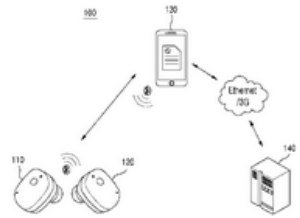
8. 2022504252 補聴器

Int.Class H04R 3/00 ② Appl.No 2021518591 Applicant オリーブ ユニオン インコーポレイテッド Inventor ソン, ミュン ジェウン

本発明は、一側に形成された第1スマートヒアリングデバイスおよび他側に形成された第2スマートヒアリングデバイスが受信するオーディオ信号を分析して設定される制御パラメータを利用することで、使用者が左側および右側の音の方向性による環境変化と騒音変化を立体的に認知できるように提供する。

【選択図】 図1

JP - 13.01.2022



9. 2022535299 個人用のヒアリングデバイスにおける適応サウンドイコライゼーションのためのシステムおよび方法

Int.Class G10L 25/81 ② Appl.No 2021572667 Applicant ディーティーエス・インコーポレイテッド Inventor グッドウィン マイケル エム

個人用のヒアリングデバイスにおける適応サウンドイコライゼーションのためのシステムおよび方法の実施形態が開示される。いくつかの実施形態では、個人用のヒアリングデバイスのマイクロフォンが、リスナーの環境からサウンドを受信する。次いで、サウンドは、1以上の所望の目標、たとえばラウドネスレベルまたはスペクトルバランスを決定するために分析される。決定された目標は次に、マイクロフォンによって受信されたサウンドの適応処理を制御するのに用いられ、知覚的に改善されたサウンドを生成し、リスナーに対してレンダリングされる。

【選択図】 図1

JP - 05.08.2022

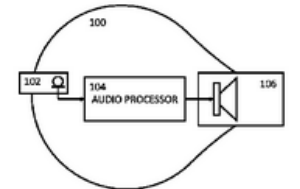


FIGURE 1

10. 101389157 HEARING AID WITH ELASTICALLY SUPPORTED EARPIECE

Int.Class H04R 25/00 ② Appl.No 200810145198.7 Applicant Siemens Medical Instr Pte Ltd. Inventor Fickweiler Werner

The invention relates to a receiver facility with an elastically mounted receiver. In the case of a receiver facility to be fixed in the auditory canal, particularly for hearing devices with an external receiver, the receiver

CN - 18.03.2009



6. 216905299 EARPLUG FOR HEARING AID

Int.Class H04R 25/00 ? Appl.No 202220550006.6 Applicant DETONG HEARING TECHNOLOGY (HANGZHOU) CO., LTD. Inventor ZHANG WEIMING

The utility model belongs to the technical field of hearing aids, and particularly relates to an earplug for hearing aid, which comprises an earplug cylinder. The earplug cylinder is rotatably connected with a rotating ring; a plurality of expansion arc plates are hinged to the side wall of the rotating ring and are regularly arranged in a circumferential array; the other side of the expansion arc plate is fixedly connected with a positioning column; the position of the positioning column and the position of a hinged shaft of the expansion arc plate are symmetrically arranged; an expansion groove is formed in the side wall of the rotating ring; the positioning columns and the expansion grooves are correspondingly arranged; the expansion arc plate is detachably provided with an earplug soft sleeve. A fixing assembly is arranged on the rotating ring; through the structural design that the rotating ring is rotated to drive the expansion arc plate to deflect, so that the earplug soft sleeve is expanded, the function of adjusting the outer diameter of the earplug soft sleeve is achieved, and the problem that a hearing aid is inconvenient to wear due to the fact that a traditional earplug cannot be adjusted is effectively solved.



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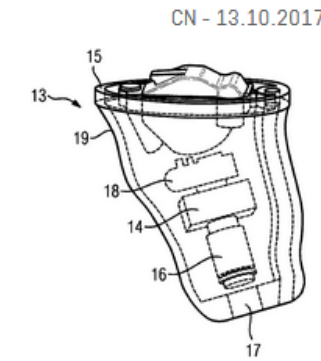
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XXEN ... [Continue translation]

7. 104244156 ANTENNA DEVICE FOR HEARING AID DEVICE

Int.Class H04R 25/00 ? Appl.No 201410250412.0 Applicant 西门子医疗器械公司 Inventor P.尼克莱斯

The invention relates to an antenna device for a hearing device having an antenna device and an additional electrical hearing device component. the antenna device having a preferred transmission and reception spatial direction, the electrical hearing device component mainly emitting electromagnetic interference radiation in the direction of the interference radiation space. The antenna arrangement and further hearing aid components are arranged such that the transmitting and receiving spatial direction and the interfering radiation spatial direction are oriented laterally to one another in such a way that interference radiation coupled into the antenna arrangement is reduced. The reduction in interference coupling in the antenna arrangement allows for higher transmission and reception bandwidth when the structural volume and the energy demand remain unchanged. Additional hearing aid components may be receivers or other components that emit radiation, in particular induction or electromagnetic radiation.



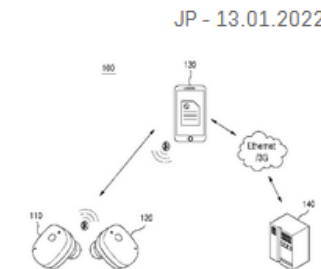
CN - 13.10.2017

8. 2022504252 HEARING AID

Int.Class H04R 3/00 ? Appl.No 2021518591 Applicant オリーブ ユニオン インコーポレイテッド Inventor ソン, ミュン ジェウン

By using a control parameter set by analyzing an audio signal received by a first smart hearing device formed on one side and a second smart hearing device formed on the other side, the user can three-dimensionally recognize an environmental change and a noise change due to the directionality of the sound on the left side and the right side.

SELECTED DRAWING: Figure 1



JP - 13.01.2022

9. 2022535299 A SYSTEM AND METHOD FOR ADAPTIVE SOUND EQUALIZATION IN A HEARING DEVICE FOR AN INDIVIDUAL

JP - 05.08.2022

6. CN216905299 - EARPLUG FOR HEARING AID



National Biblio. Data Description Claims Drawings Documents

Note: Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

[ZH]

一种用于助听的耳塞

技术领域

本实用新型涉及助听器技术领域，具体是一种用于助听的耳塞。

背景技术

助听器是一种用于辅助听障者人士听清外界声音的仪器，助听器可将声音进行扩大，进而传导到佩戴者的大脑听觉中枢中，使得听障者能更好的听到外界的声音，为听障者带来便利。

由于人的耳道大小不同，在佩戴助听器时容易出现松脱掉落的情况，导致助听器在使用的过程中声音较小，使得助听器的使用效果不好；因此，针对上述问题提出一种用于助听的耳塞。

实用新型内容

为了弥补现有技术的不足，解决背景技术中提出的问题，本实用新型提出一种用于助听的耳塞。

本实用新型解决其技术问题所采用的技术方案是：本实用新型所述的一种用于助听的耳塞，包括耳塞筒；所述耳塞筒上转动连接有转动环；所述转动环的侧壁上铰接有若干个扩张弧板，且呈圆周阵列规律排列；所述扩张弧板的另一侧固接有定位柱；所述定位柱的位置与扩张弧板的铰轴位置呈对称设置；所述转动环的侧壁上开设有扩张槽；所述定位柱与扩张槽呈相对应设置；所述扩张弧板上可拆卸安装有耳塞软套；所述转动环上设有固定组件；有效的解决了传统的耳塞无法调节，使得助听器的佩戴较为不便的问题。

优选的，所述固定组件包括螺纹槽与螺纹旋钮；所述螺纹槽开设在转动环的内部；所述转动环的端部开设向耳塞筒的侧壁；所述螺纹槽的内部螺纹连接有螺纹旋钮；可使得耳塞外径调节后可保持稳

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Portal to patent registers

ES - 14.12.2012

[1]: una cápsula de micrófono [5] adaptada para ser dispuesta entre el anillo de cierre [3] y la cabeza del usuario [4] con una parte de anclaje [6] para el anclaje interiormente en el **audífono**, en lo cual el cuerpo de retención [4] y la

ES - 22.06.2022

WIPO Pearl

WIPO Pearl - Linguistic Search

Concept Map Search



hearing aid

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67 HITS for hearing aid [Filters](#)

Source language All

Target language All

Subject field All

Terms [hearing aid](#) (MEDI), [aide auditive](#) (MEDI), [BTE hearing aid](#) (MEDI), [behind the ear hearing aid](#) (MEDI), [in-the-canal hearing aid](#) (MEDI)...

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▶ سماعة أذن	Reliability 3 / 4	...		
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▶ ES > audifono				...

ES_ALLTXT:"audifono"

OR EN_ALLTXT:(hearing NEAR6 aid)) AND AD:[2020 TO 2023]



1,318 results Offices all Languages es Stemming true Single Family Member false Include NPL false



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< 1/132 >

Machine translation ▼

1. **2392812** **AUDIFONO**

Int.Class [H04R 1/10](#) Appl.No 10156509

Un **audifono** con un micrófono de conducción ósea, que cuando se lleva puesto el **audifono** [1], caracterizado por parte de anclaje [6] son de una sola pieza de fabricación.

+ hearing aid in the English full-text
+ a application date range

ES - 14.12.2012

...illo de cierre [3] y la cabeza del usuario en lo cual el cuerpo de retención [4] y la

2. **1292122** SISTEMA ANTIPERDIDA DE **AUDIFONO**

Int.Class [H04R 25/00](#) Appl.No 202230573 Applicant VILLAR CLOQUELL JAVIER Inventor VILLAR CLOQUELL JAVIER

Audioic loss system that includes means to detect that the hearing aid is or not introduced into the auditory channel by at least one sensor, at least one control unit and a communication system between both headphones by conventional means such as Bluetooth {reg}. of means to generate an acoustic and/or vibratory alarm in the headphones when one of them falls. [Machine-translation by Google Translate, not legally binding]

ES - 22.06.2022

3. **2345224** **AUDIFONO.**

Int.Class [H04R 25/00](#) Appl.No 07866847 Applicant SONOELETTRONICA DI ANGELONI AN Inventor ANGELONI ANDREA

Audifono [4], que comprende - un micrófono [12], un circuito [16] conectado eléctricamente al micrófono [12] y que puede amplificar las señales recibidas desde el micrófono [12], un receptor [20] conectado eléctricamente al circuito [16] y que puede transmitir sonidos al conducto auditivo [8], fuente [24] de alimentación de dicho circuito [16], - comprendiendo el **audifono** [4] un cuerpo [28] del **audifono**, que aloja en su interior el circuito [16], el receptor [20] y la fuente [24] de alimentación, siendo el cuerpo [28] del **audifono** adecuado para su inserción en dicho conducto auditivo [8], en el que - el micrófono [12] está situado fuera del cuerpo [28] del **audifono** y está conectado al mismo por medio de un tubo [36] de conexión y fijación que crea una conexión eléctrica entre el circuito [16] y el micrófono [12] y que fija el **audifono** a la oreja, - el tubo [36] de conexión y fijación va desde un primer extremo [64], en el que se conecta al micrófono [12], hasta un segundo extremo [68], en el que se conecta al cuerpo [28] del **audifono**, caracterizado porque - el tubo [36] de conexión y fijación comprende una parte [41] de gancho configurada para constituir un elemento de soporte del micrófono [12] y un elemento elástico para enganchar el micrófono [12] a la oreja [40], en el que el tubo [36] de conexión y fijación se dobla de modo que, en una configuración de reposo en la que el usuario no lo lleva puesto, comprende una parte [41] de gancho que se cierra en una forma de anillo, de modo que se forma una especie de gancho flexible que puede sujetar el **audifono** a la oreja.

ES - 17.09.2010

(ES_ALLTXT:"audifono" OR EN_ALLTXT:(hearing NEAR6 aid)) AND AD:[2020 TO 2023]

FIELD COMBINATION ▼

		Field		Value
		Front Page	▼	Value
Operator AND	▼	Field English Abstract	▼	Value (hearing NEAR6 aid)
Operator AND	▼	Field Application Date	▼	Value [2020 TO 2023]
Operator OR	▼	Field Spanish Abstract	▼	Value audifono
Operator AND	▼	Field English Title	▼	Value
Operator AND	▼	Field All Classifications	▼	Is Empty: N/A
Operator AND	▼	Field Licensing availability	▼	<input type="checkbox"/>

FIELD COMBINATION ▼

	Field		Value
	Front Page	▼	Value
Operator AND	Field English Abstract	▼	Value (hearing NEAR6 aid)
Operator AND	Field Application Date	▼	Value [2020 TO 2023]
Operator AND	Field Publication Date	▼	Value
Operator AND	Field English Title	▼	Value
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(ES_ALLTXT:"audifono" OR EN_ALLTXT:(hearing NEAR6 aid)) AND AD:[2020 TO 2023]

Grouping/nesting

- Solar OR (wind AND turbine)
- (solar OR wind) AND turbine

- EN_TI: electric car
electric will be searched in English title but car in all fields

- EN_TI: (electric car)
Both electric and car will be searched in the English title

(ES_ALLTXT:"audifono" OR EN_ALLTXT:(hearing NEAR6 aid)) AND AD:[2020 TO 2023]

Fields

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

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Publication Number
W0/2021/248883

Publication Date
00.12.2021

International Application No.
PCT/JP2020/022129

International Filing Date
04.06.2020

IPC
H04R 3/00 2006.1 H04R 25/00 2006.1

CPC
H04R 25/00 H04R 3/00

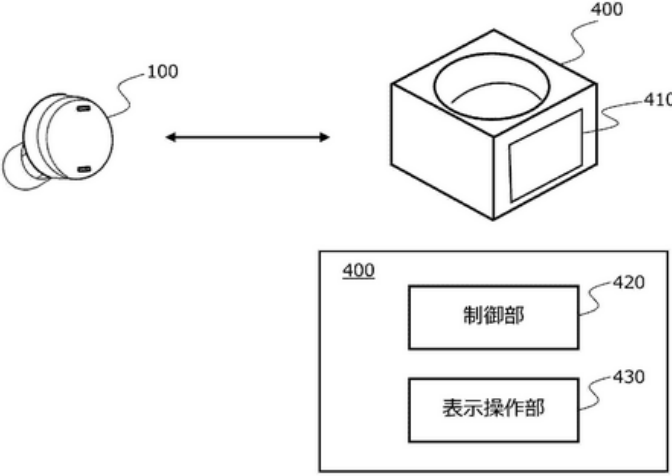
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大星八重洲ビル6階 | 6F Taisay Yaesu Bldg.,
8-8, Yaesu 2-chome, Chuo-ku, Tokyo
1040028, JP

Priority Data

Title
[EN] HEARING DEVICE, AND METHOD FOR ADJUSTING HEARING DEVICE
[FR] DISPOSITIF AUDITIF, ET PROCÉDÉ DE RÉGLAGE DE DISPOSITIF AUDITIF
[JA] ヒアリングデバイス、ヒアリングデバイスの調整方法



420... Control unit
430... Display operation unit

Abstract
[EN] [Problem] The objective of the present invention is to provide a hearing device and a method for adjusting a hearing device with which adjustments are made in accordance with sound (in particular, sound in the surrounding environment) input into the hearing device, thereby enabling the input sound to be finely adjusted.
[Solution] According to the present invention, a hearing system includes a hearing device, and a rechargeable battery device which is connected to the hearing device which accommodates the hearing device, wherein the hearing device is provided with: an input unit which acquires sound data from the outside and sound communication unit which transmits the sound data from the outside and the sound data from the other device to the battery device, and receives a parameter setting data on the basis of a result obtained by adjusting the sound data; and an output unit which outputs the adjusted sound data to the user as sound, on the basis of the parameter setting data.
[FR] [Problème] L'objectif de la présente invention est de fournir un dispositif auditif et un procédé de réglage d'un dispositif auditif avec lesquels des réglages sont effectués en fonction d'un son [en particulier, un son dans l'environnement proche] entré dans le dispositif auditif, ce qui permet de régler finement le son d'entrée et le délivrer à l'utilisateur.
[Solution] Selon la présente invention, un système auditif comprenant un dispositif auditif, et un dispositif de batterie rechargeable qui est connecté au dispositif auditif et qui reçoit le son d'entrée et qui délivre le son d'entrée réglé à l'utilisateur. Le dispositif auditif comprenant : une unité d'entrée qui acquiert des données de son provenant de l'extérieur et des données de son d'un autre dispositif auditif, et une unité de communication qui transmet les données de son d'origine et les données de son d'un autre dispositif auditif au dispositif de batterie rechargeable, et reçoit des données de paramètres de réglage sur la base d'un résultat obtenu en ajustant les données de son ; et une unité de sortie qui délivre les données de son ajustées à l'utilisateur en tant que son, sur la base des données de paramètres de réglage.

Examples

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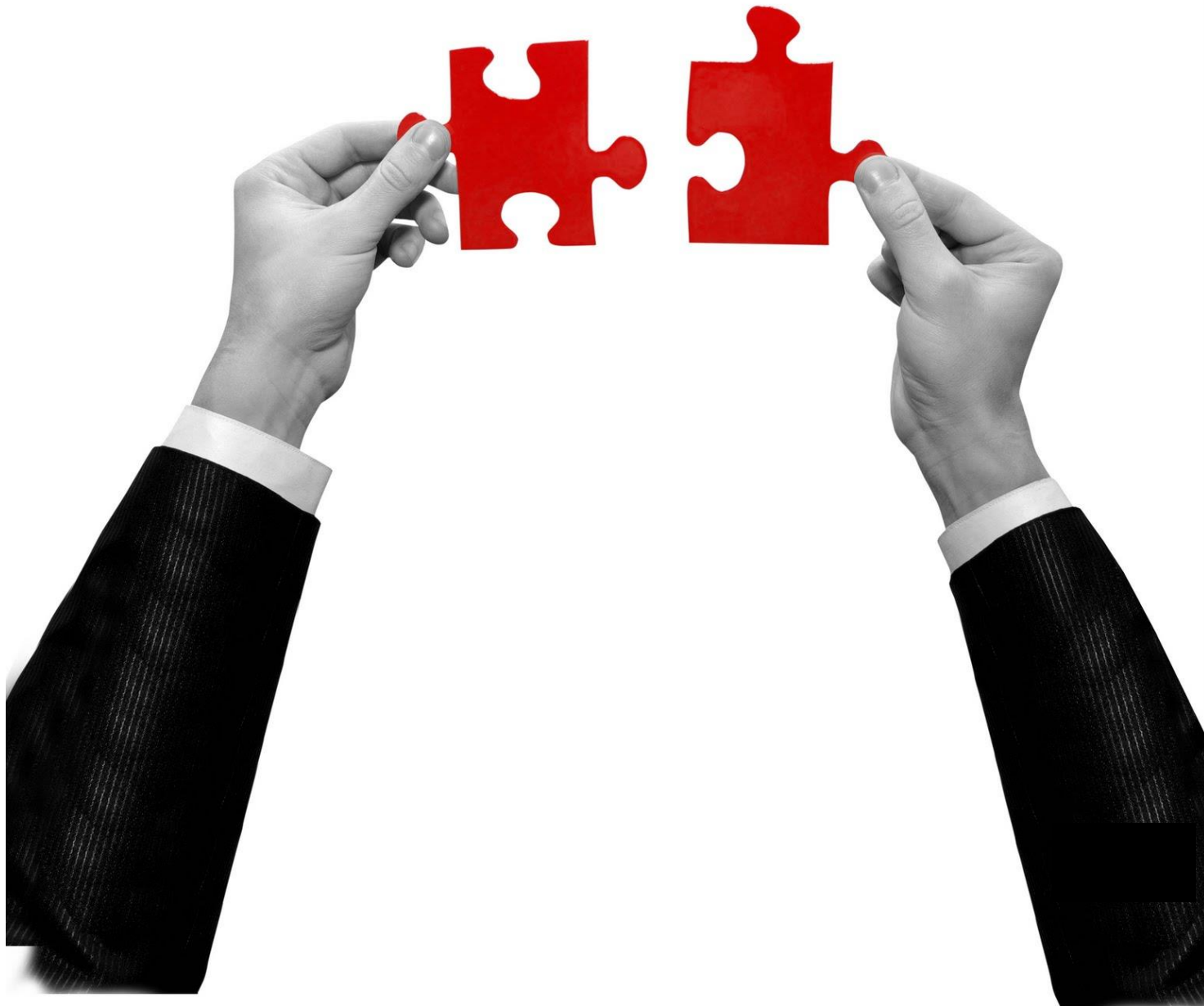
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Updated: April 24, 2023

Country	Latest Biblio	Update Frequency	Biblio Data	Abstract	Chemical Data	Chemical indexed	Doc images	OCR (full-text) Indexed	Nb records
PCT	24.04.2023	Daily	19.10.1978 - 20.04.2023	19.10.1978 - 20.04.2023	11.01.1979 - 13.04.2023	949,453	4,571,190	Total: 4,563,590 Arabic: 223 German: 433,701 English: 2,539,983 Spanish: 30,405 French: 146,432 Japanese: 765,989 Korean: 161,685 Portuguese: 6,294 Russian: 22,799 Chinese: 456,079	4,571,190
African Regional Intellectual Property Organization (ARIPO)			03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008			1,676	Total: 1,671 English: 1,671	1,868
Argentina	09.02.2023	Monthly	11.02.1965 - 25.01.2023	31.10.1990 - 25.01.2023			9,741	Total: 8,906 Spanish: 8,906	174,396
Australia	07.04.2023	Weekly	14.01.1900 - 06.04.2023	08.01.1981 - 06.04.2023				Total: 735,530 English: 735,530	1,848,505



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- Combine with CLIR
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EN_AB:("shaving head")

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

Sort: Relevance Per page: 100 View: All+Image

1 / 13

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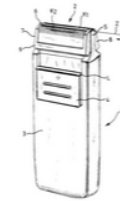
1. **0302268** SHAVING APPARATUS WITH A CONTROLLABLE, SWIVELLING SHAVING HEAD

EP - 08.02.1989

Int.Class [B26B 19/38](#) Appl.No 88111199 Applicant BRAUN AKTIENGESELLSCHAFT Inventor WOLF, JUERGEN

Electric shaving apparatus with a **shaving head** mounted swivellably about a swivel axis Z and a control device for the **shaving head**, by means of which control device both a limiting of the swivellability of the **shaving head** within a preset swivelling range and a swivelling movement of the **shaving head** from any desired swivelling position of the **shaving head** to a fixed position is effected.

FIG.1

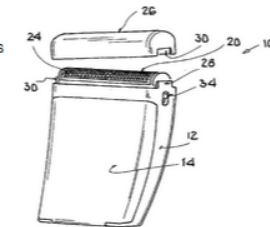


2. **202006009655** MOBILE TELEPHONE FOR COMMUNICATION, FOR RECEIVING TELEVISION PROGRAM, FOR RECEIVING RADIO PROGRAM AND FOR REMOVING WHISKERS AND HAIR HAS ELECTRICAL SHAVER INTEGRATED IN IT

DE - 21.09.2006

Int.Class [H04M0001210000 20060101AFI20060619BHDE](#) Appl.No 202006009655 Applicant ENGEL GERHARD Inventor

Mobile telephone [10] has electrical shaver integrated in it, whereby at its end area **shaving head** [20] is present. The **shaving head** is provided with the cover hood [26]. The cover hood present at the **shaving head** is detachable whereby at the **shaving head** clip is inserted.



3. **102012101772** SHAVING DEVICE FOR USE AS WET SHAVER FOR REMOVAL OF E.G. HAIR OF BEARD OF MALE PERSON, HAS SHAVING HEAD PROVIDED WITH SHAVING BLADE, AND COVER SUPPORTS FOR COVERING CUTTING BLADES PROVIDED AT SHAVING HEAD AND ARRANGED IN DETACHABLE MANNER

DE - 05.09.2013

Int.Class [B26B0021400000 20120101AFI20120905BHDE](#) Appl.No 102012101772 Applicant TASSONE COSIMO Inventor TASSONE COSIMO

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

EN_AB:("shaving head") AND pu

Publisher

National Publication Number

Publication Date

Publication Language

WIPO Publication Number

EN_AB:("shaving head") AND DP:[2020 to 2021]

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

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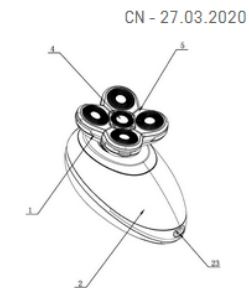
1/1

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1. [210189871](#) ELECTRIC SHAVER

Int.Class [B26B 19/14](#) Appl.No 201920836929.6 Applicant WENZHOU DEFU ELECTRIC APPLIANCES CO., LTD. Inventor LIU YANG

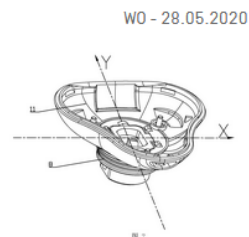
The utility model relates to an electric shaver. The shaver comprises a **shaving head** and a shaver body, a motor for driving the **shaving head** to work is arranged in the machine body; the **shaving head** is detachably connected with the shaver body; characterized in that it is characterized in that it comprises, a supporting seat is arranged on the lower end surface of the **shaving head**; a supporting ring connected with the supporting seat is arranged in the **shaving head**; a first connecting sleeve connected with the shaver body is also arranged in the **shaving head**; one end of the first connecting sleeve extends out of the supporting seat; a second connecting sleeve is arranged in the shaver body, a clamping ring is arranged at the end, extending out of the supporting base, of the first connecting sleeve in the circumferential direction of the first connecting sleeve, a plurality of first clamping hooks are arranged on the inner wall of the second connecting sleeve, and when the first connecting sleeve is inserted into the second connecting sleeve, the first clamping hooks are clamped on the clamping ring to achieve connection between the **shaving head** and the shaver body. By the adoption of the technical scheme, the head structure and the base structure of the electric shaver are reliably connected, and the electric shaver is simple in structure and convenient to install.



2. [WO/2020/103112](#) SHAVER

Int.Class [B26B 19/14](#) Appl.No PCT/CN2018/117064 Applicant ZHEJIANG SHALOM ELECTRIC CO., LTD. Inventor WANG, Xiangqi

Disclosed is a shaver, comprising a handle [7] and a **shaving head** [1]. The handle [7] and the **shaving head** [1] are connected by means of a pivot assembly [8]. The pivot assembly [8] comprises a connector [2], a floating ring [3], and a universal joint [4]. The connector [2] is connected to the handle [7], and the floating ring [3] is connected to the **shaving head** [1] and the connector [2]. The universal joint [4] is provided with a first rotating portion provided along the X-axis direction and a second rotating portion provided along the Y-axis direction. The universal joint [4] is rotationally matched with the connector [2] along the X axis by means of the first rotating portion, and is rotationally matched with the **shaving head** [1] by means of the second rotating portion. The connector is fixedly mounted on the handle, and the universal joint can rotate about the X-axis direction with respect to the connector by means of the first rotating portion; in addition, the **shaving head** can rotate about the Y axis with respect to the universal joint by means of the second rotating portion of the universal joint; therefore, the advantages of the shaver are that the **shaving head** can pivot with respect to the handle in various directions, so that during a shaving process, the **shaving head** can be automatically adjusted to adapt to the contour of the skin, thereby achieving an optimal shaving effect.



3. [1020200088652](#) RAZOR

Int.Class [B26B 21/22](#) Appl.No 1020190005219 Applicant SHIN, KYONG CHOL Inventor SHIN, KYONG CHOL

Disclosed is a razor. The razor according to an embodiment of the present invention includes: a **shaving head** unit including a head main body on which the razor is mounted and a first connector connected to the head main body; a handle unit including a grip main body, and a second connector connected to the grip main body and connected to the first connector; and an elastic support unit interposed between the first





EN_AB:("shaving head") AND DP:[2020 TO 2021]



AND

ANDNOT

OR

Int.Class [B26B 19/14](#) ⓘ Appl.No 201920836929.6 Applicant WENZHO DEFU ELECTRIC APPLIANCES CO., LTD. Inventor LIU YANG

The utility model relates to an electric shaver. The shaver comprises a [shaving head](#) and a shaver body, a motor for driving the [shaving head](#) to work is arranged in the machine body; the [shaving head](#) is detachably connected with the shaver body; characterized in that it comprises, a supporting seat is arranged on the lower end surface of the [shaving head](#); a supporting ring connected with the

Combining with CLIR

CROSS LINGUAL EXPANSION ▾

Search terms... *
shaving head

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.

Highest level considers only the most relevant ones [less suggested variants]

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

Search

EN_AB:("shaving head" OR "cutting head") OR FR_AB:("tête de rasage" OR "tête de coupe" OR "tête de découpe" OR "tête coupante" OR "tête flottante") OR DE_AB:("Schneidkopf" OR "Rasierkopf" OR "

22,437 results Offices all Languages all Stemming true Single Family Member false Include NPL false

FULL QUERY

EN_AB:("shaving head" OR "cutting head") OR FR_AB:("tête de rasage" OR "tête de coupe" OR "tête de découpe" OR "tête coupante" OR "tête flottante") OR DE_AB:("Schneidkopf" OR "Rasierkopf" OR "schramkopf" OR "Schrämkopf" OR "Scherkopfes") OR ES_AB:("cabezal de afeitado" OR "cabeza de corte" OR "cabeza de afeitadora que posee" OR "cabezal de aparato de afeitar" OR "disposición de cabeza de afeitado" OR "cabezal cortador" OR "cabeza afeitadora" OR "cabeza de rasurar" OR "dotada con un cabezal rasurador") OR PT_AB:("cabeça de corte" OR "cabeça de barbear" OR "cabeçote cortante" OR "cabeçote de barbear" OR "cabeça de recorte" OR "cabeça fresadora") OR JA_AB:("シェービングヘッド" OR "裁断ヘッド" OR "切断ヘッド" OR "げそりヘッド" OR "切削ヘッド" OR "カッターヘッド" OR "剃りヘッドホルダ" OR "そりヘッド" OR "切削加工ヘッド") OR RU_AB:("и головка бритвы" OR "головки бритвы и" OR "бритвенную головку" OR "головка бритвы" OR "бритвенная головка и" OR "режущая головка" OR "и ножевая головка" OR "врубовой головке") OR ZH_AB:("剃须头" OR "剃须刀刀头" OR "电动剃须刀刀头" OR "切削头" OR "剃削头" OR "剃须刀头" OR "剃刮头" OR "剃削刀头" OR "剃刀头部") OR KO_AB:("면도 헤드" OR "갖는 면도 헤드" OR "커팅 헤드" OR "재단 헤드" OR "절삭 헤드" OR "두부정리 절단장치" OR "면도 헤드" OR "구비된 면도기" OR "절삭 헤드를 구비한" OR "절단용 헤드") OR IT_AB:("testa di taglio" OR "testa di rasatura" OR "testa troncatrice" OR "testa tagliente") OR SV_AB:("skarhuvudet" OR "kapningshuvud" OR "skarhuvud" OR "skerhuvud") OR NL_AB:("scheerblad" OR "scheerkop" OR "scheerhoofd" OR "meskop") OR PL_AB:("tarcie głowica" OR "dla głowica" OR "aparat głowica" OR "golenia głowica" OR "głowica tnąca urządzesigma" OR "maszynka głowica" OR "tarcie ibem" OR "dla ibem" OR "aparat ibem") OR DA_AB:("skæreværktøj" OR "skaerehoved" OR "skrehoved" OR "barberapparathoved" OR "barberskraberhoved" OR "fræsehoved")

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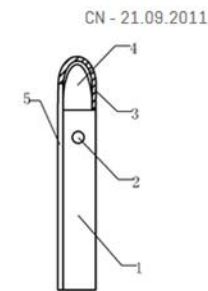
< 1/225 >

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1. 201979543 手机剃须刀

Int.Class B26B 19/48 ② Appl.No 201020684836.5 Applicant 李龙华 Inventor 李龙华

手机剃须刀，属于通讯工具，主要解决随着生活节奏的加快，对于男士来说，往往匆忙而忘记剃须，对个人形象造成不好的影响的问题。它包括手机主体，手机主体上设有显示屏和按键，其特征是，所述手机主体的一端设有一个电动剃须刀刀头，电动剃须刀刀头的外侧罩有网罩，所述电动剃须刀刀头的工作开关设在手机主体的侧面，电动剃须刀刀头、工作开关和手机主体的蓄电池电连接；在手机主体上设有显示屏和按键的一侧设有一防护罩。本实用新型将手机和剃须刀的实用功能相结合，如果出门忘记剃须，可以找任意一个空闲时间进行剃须，方便实用。



ADVANCED SEARCH ▾



JA_AB:(**シェービングヘッド** OR **裁断ヘッド** OR **切断ヘッド** OR **げそりヘッド** OR **切削ヘッド** OR **カッターヘッド** OR **剃りヘッドホルダ** OR **そりヘッド** OR **切削加工ヘッド**) OR ZH_AB:(**剃须头** OR **剃须刀刀头** OR **电动剃须刀刀头** OR **切削头** OR **剃削头** OR **剃须刀头** OR **剃刮头** OR **剃削刀头** OR **剃刀头部**) OR KO_AB:(**면도 헤드** OR **깎는 면도 헤드** OR **커팅 헤드** OR **재단 헤드** OR **절삭 헤드** OR **두부정리 절단장치** OR **면도 헤드가 구비된면도기** OR **절삭 헤드를 구비한** OR **절단용 헤드**) AND CPC:B26B

Query Assistant [Query Examples](#)





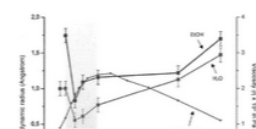
For queries with compounds

EN_ALL:paracetamol and AD:[2018 TO 2021]

2,263 results Offices all Languages all Stemming true Single Family Member false Include NPL false

Sort: Relevance Per page: 100 View: All+Image < 1/23 >

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- 1. 2019328411 PARACETAMOL LIQUID SUSPENSIONS** AU - 05.03.2020
Int.Class [A61K 9/10](#) Appl.No 2019328411 Applicant GSK Consumer Healthcare S.A. Inventor
The present invention relates to pharmaceutical liquid suspensions suitable for oral administration. More specifically, the present invention relates to pharmaceutical liquid suspensions containing **paracetamol** wherein the suspensions are formulated with **paracetamol** particles having a d50 of less than or equal to 10µm and a d90 of less than or equal to 35µm such that browning discoloration is reduced during prolonged storage.

- 2. WO/2020/043567 PARACETAMOL LIQUID SUSPENSIONS** WO - 05.03.2020
Int.Class [A61K 9/10](#) Appl.No PCT/EP2019/072445 Applicant GSK CONSUMER HEALTHCARE S.A. Inventor CAVINATO, Mauro
The present invention relates to pharmaceutical liquid suspensions suitable for oral administration. More specifically, the present invention relates to pharmaceutical liquid suspensions containing **paracetamol** wherein the suspensions are formulated with **paracetamol** particles having a d50 of less than or equal to 10µm and a d90 of less than or equal to 35µm such that browning discoloration is reduced during prolonged storage.

- 3. 20190374488 PHARMACEUTICAL FORMULATION FOR ADMINISTERING PARACETAMOL BY BUCCAL/GINGIVAL ROUTE** US - 12.12.2019
Int.Class [A61K 31/167](#) Appl.No 16489378 Applicant Unither Pharmaceuticals Inventor Eric Goupil
The present invention concerns a pharmaceutical formulation for administering **paracetamol** by buccal/gingival route consisting of a hydroalcoholic solution comprising dissolved **paracetamol**, characterised in that: # the mass of **paracetamol** is between 95 mg and 190 mg, # the volume of said hydroalcoholic solution is between 1.0 ml and 2.0 ml, # the degree of alcohol of said hydroalcoholic solution is between 48.5° and 52.5°, and # the concentration of **paracetamol** in said hydroalcoholic solution is between 85 mg/ml and 110 mg/ml. The present invention also concerns said pharmaceutical formulation for the use of same for accelerating the speed at which **paracetamol** passes through the blood-brain barrier, and the use thereof as a drug, in particular for the symptomatic treatment of pain or fever.


CHEMICAL COMPOUNDS SEARCH ▾

Convert structure

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Structure editor

Found compounds

Found Markush Formulas

Search type

Compound name

paracetamol

Search for scaffold

Include enumerated Markush structures

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Exact Structure Search

CHEM:(RZVAJINKPMORJF-UHFFFAOYSA-N)

82,438 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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1 / 825

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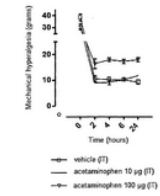
1. **2874602** INJECTABLE SUPERSATURATED ACETAMINOPHEN SOLUTION FOR SPINAL ADMINISTRATION

EP - 27.05.2015

Int.Class [A61K 9/00](#) Appl.No 13765450 Applicant SINT SA Inventor MITIDIERI AUGUSTO

FIG. 1

The present invention relates to an acetaminophen injectable aqueous solution for use in the treatment or in the prevention of pain by spinal administration, wherein said acetaminophen injectable solution is supersaturated. In certain embodiments, the acetaminophen injectable aqueous solution is administered simultaneously, separately or sequentially with a local anaesthetic by spinal administration.



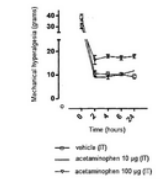
2. **20150148379** INJECTABLE SUPERSATURATED ACETAMINOPHEN SOLUTION FOR SPINAL ADMINISTRATION

US - 28.05.2015

Int.Class [A61K 31/167](#) Appl.No 14411532 Applicant Sintetica S.A. Inventor Augusto Mitidieri

FIG. 1

The present invention relates to an acetaminophen injectable aqueous solution for use in the treatment or in the prevention of pain by spinal administration, wherein said acetaminophen injectable solution is supersaturated. In certain embodiments, the acetaminophen injectable aqueous solution is administered simultaneously, separately or sequentially with a local anaesthetic by spinal administration.



3. **WO/2014/002042** INJECTABLE SUPERSATURATED ACETAMINOPHEN SOLUTION FOR SPINAL ADMINISTRATION

WO - 03.01.2014

Int.Class [A61K 9/00](#) Appl.No PCT/IB2013/055277 Applicant SINTETICA S.A. Inventor MITIDIERI, Augusto

FIG. 1

CHEM:(RZVAJINKPMORJF-UHFFFAOYSA-N AND AD [2018 TO 2021])

7,258 results

Offices all Languages all Stemming on Single word only Names on NPL false

Sort: Relevance

Per page: 100 View: All+Image

1/73

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1. [1020070122497](#) METHOD FOR TREATING DEMENTIA OR ALZHEIMER'S DISEASE

Int.Class [A61K 39/395](#) Appl.No 1020077024089 Applicant GENENTECH, INC. Inventor SANDERS MARTIN E.

Methods for treating Alzheimer's disease [AD] or dementia using a CD20 antibody are described. Articles of manufacture for use in such methods are also described. ©KIPO&WIPO 2008

KR - 31.12.2007

특허 개시 도면의 세부 사항
--- SEQ ID NO: 1 ---
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2. [WO/2020/214538](#) TREATMENT AND PREVENTION OF DEMENTIA AND OTHER NEURODEGENERATIVE DISEASES

Int.Class [G01N 33/569](#) Appl.No PCT/US2020/027988 Applicant AZTHERAPIES, INC Inventor ELMALEH, David R.

The present invention relates to pharmaceutical compositions and methods for the treatment or prevention of dementia and decreased function associated with neurodegenerative disease including Alzheimer's disease [AD], Parkinson's Disease [PD], Amyotrophic Lateral Sclerosis [ALS], including at the early stages of cognitive and functional decline with antibiotics and synthetic anti-bacterials, by administering to a subject a pharmaceutical composition comprising a chronic low-dose antibiotic administration, optionally as adjuvant and/or with a co-therapy, such as an innate immune modulator; an anti-inflammatory agent; a neurotransmitter; an acetylcholine esterase [AChE] inhibitor; an enzyme inhibiting or reducing the production, aggregation, or deposition of amyloid-beta protein, amyloidosis or tau protein; an antibody inhibiting or reducing the production, aggregation, deposition or removal of amyloid-beta protein or tau protein; melatonin; an antimicrobial adjuvant; lichen compounds, astemizole, or polythiophenes; mannitol, a nanoparticle, a vasodilator, or a glucose or amino acid carrier; or a combination thereof. The present invention also relates to treatment that focuses on delaying neurodegeneration associated with AD, PD, ALS and the like by targeting specific microbe profiles associated with the disease in gastrointestinal tract [gut] or brain and suppressing their effect on neuroinflammation by low dose chronic treatment alone and/or in combination with other disease treatments or supporting additives.

WO - 22.10.2020



3. [WO/2007/046893](#) METHODS FOR GENERATING BIOACTIVE ASSEMBLIES AND USES THEREOF

Int.Class [A61K 51/00](#) Appl.No PCT/US2006/025499 Applicant IBC PHARMACEUTICALS, INC Inventor CHANG, Chien, Hsing

The present invention concerns methods and compositions for making and using bioactive assemblies of defined compositions, which may have multiple functionalities and/or binding specificities. In particular embodiments, the bioactive assembly is formed using dock-and-lock [DNL] methodology, which takes advantage of the specific binding interaction between dimerization and docking domains [DDD] and anchoring

WO - 26.04.2007

A. SEQ ID NO: 1
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B. SEQ ID NO: 2
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C. SEQ ID NO: 3
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Most common errors

- (.....)
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- No space



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