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Symbol ⇅	Name ⇅	Help	Type ⇅	Stemmed ⇅	Parent
ALLTXT	Text	<p>The entered value is searched against the english Title, Abstract, Claims and Description Fields; the stemming option is off.</p> <p><input checked="" type="checkbox"/> ALLTXT:("electric car" OR "voiture electrique"~50)</p>	text		[ALL]
EN_ALLTXT	English Text	<p>The entered value is searched against the english Title, Abstract, Claims and Description Fields; the stemming option is on.</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:("electric car"~50)</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:("sol* panel"~5)</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:(elect?icit?)</p> <p><input checked="" type="checkbox"/> EN_ALLTXT:(electric^10 and car^3)</p>	text	X	[EN_ALL]
FR_ALLTXT	French Text	<input checked="" type="checkbox"/> FR_ALLTXT:("voiture électrique"~50)	text	X	[FR_ALL]
DE_ALLTXT	German Text	<input checked="" type="checkbox"/> DE_ALLTXT:("elektro auto")	text	X	[DE_ALL]
ES_ALLTXT	Spanish Text	<input checked="" type="checkbox"/> ES_ALLTXT:("coche eléctrico")	text	X	[ES_ALL]
VN_ALLTXT	Vietnamese Text	<input checked="" type="checkbox"/> VN_ALLTXT:("xe hơi điện"~10)	text	X	[VN_ALL]
RU_ALLTXT	Russian Text	<input checked="" type="checkbox"/> RU_ALLTXT:("электрический автомобиль")	text	X	[RU_ALL]
JA_ALLTXT	Japanese Text	フルテキスト：「発明の名称」、「要約」、「請求の範	text	X	[JA_ALL]

Examples

- FP = front page
- ALL = all fields
- ALL_NAMES = all names
- IC = IPC
- DP = publication date
- CTR = country either WO or country from nat collection
- NPCC= national phase entry
- AN = origin of PCT

Date search

- Simple:
 - DP:01.02.2000
 - DP:20000201
 - DP:02.2000
 - DP:200002
 - DP:2000

Classifications

- IC = International Classification
 - IC :A
 - IC :A47
 - IC :A47L
 - IC :A47L1
 - IC:A47L11
 - IC:A47L11/03
- CPC
- CLASSIF: CPC + IPC

- **D06F 1/06** will include by default
 - D06F 1/08**
 - 1/10**
 - 1/16**

To exclude subgroup: IC_EX

- ICI = International Classification Inventive
- ICN = International Classification Non-inventive
- ICI_EX ICN_EX = no subgroup

Combine fields with operators

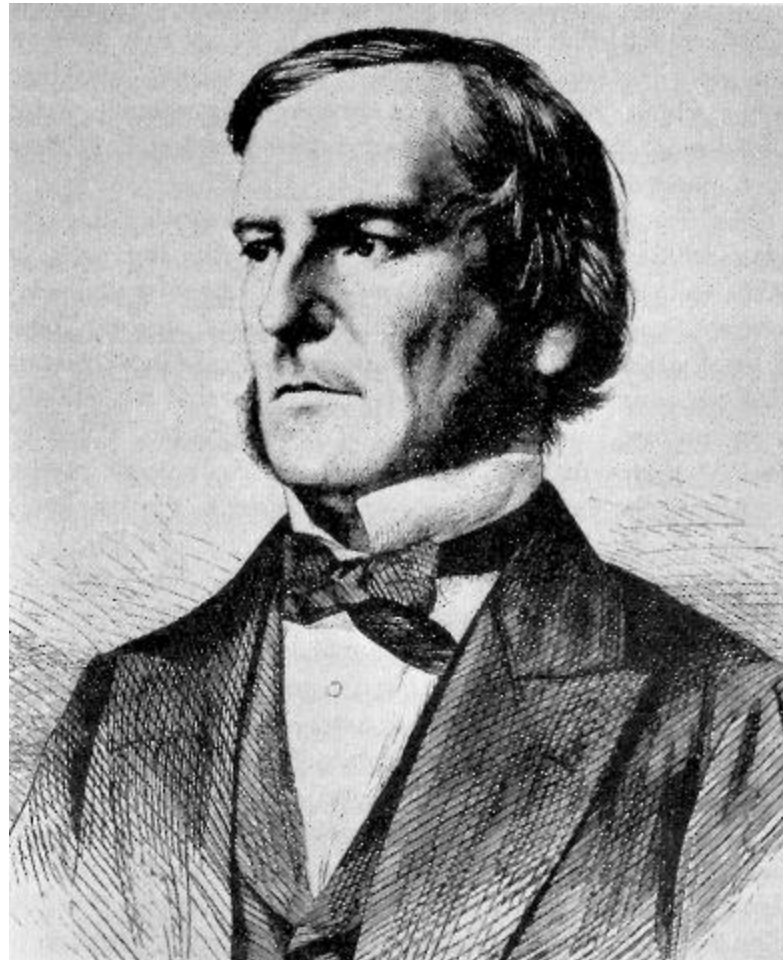
- English abstract: EN_AB
- CPC: CPC
- Date: AD:[... TO ...]

✓ Expecting T0

EN_AB:(shaving BEFORE8 head) AND CPC:B26B AND AD:[2020 to 2021]

Boolean operators

- AND
- OR
- NOT
- ANDNOT



ANDNOT - NOT

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

EN_AB:(shaving ANDNOT blade)

Query Assistant Query Examples

EN_AB:(shaving ANDNOT blade)



20,985 results Offices all Languages all Stemming true Single Family Member false Include NPL false



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

1 / 210

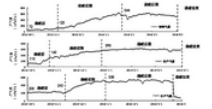
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1. **109508898** A METHOD FOR OPTIMIZING PEAK SHAVING SEQUENCE OF HEATING FURNACE PEAK SHAVING WELL

CN - 22.03.2019

Int.Class **G08G 10/08** Appl.No 201811489725.8 Applicant PETROCHINA COMPANY LIMITED Inventor LIU PENGCHENG

The invention provides a method for optimizing peak shaving sequence of heating furnace peak shaving well. By determining the total days N of peak shaving in winter, the ratio of peak shaving days in the rising phase of peak shaving gas volume to the peak shaving days in the stable phase of peak shaving x, the ratio y of the average value of daily peak shaving gas volume to the peak shaving gas volume on the first day of peak shaving in the stable peak shaving stage, the total number of peak shaving batches P, calculating a peak shaving start time Ki of each batch of peak shaving wells, the sum Qimax of the peak shaving capacity of a single well is required. The peak shaving well continuously shaves the peak shaving production time according to its peak shaving capacity. Then, the sum Qimax of the peak shaving capacity of a single well and the continuous peak shaving production time of each batch are selected to optimize the peak shaving sequence. The invention reasonably optimizes the peak shaving sequence of the heating furnace peak shaving shaft, adjusts the peak shaving sequence of the peak shaving shaft from one batch of peak shaving to multiple batch of peak shaving, improves the working efficiency of the heating furnace equipment, and reduces the cost of equipment rental.

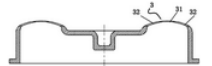


2. **204295710** SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER

CN - 29.04.2015

Int.Class **B28B 19/14** Appl.No 201420783433.3 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, 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.

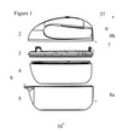


3. **WO/2015/109398** SOLID SHAVING GEL APPLICATOR

WO - 30.07.2015

Int.Class **A45D 40/00** Appl.No PCT/CA2015/050022 Applicant SHAV SHOWER BAR CORPORATION Inventor MAY, Nicholas

A resealable shaving solid applicator comprising an upper section, a support for a shaving solid, a shaving solid, and a lower section is provided. The support for a shaving solid may comprise one or more resilient tabs for engaging a shaving solid to form a mounted shaving solid. Methods for introducing a shaving solid into a resealable shaving solid frame to form a resealable shaving solid applicator are also provided herein.

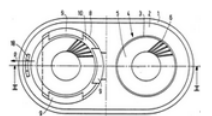


4. **4934051** SHAVING APPARATUS WITH A DETACHABLE HEAD

US - 19.06.1990

Int.Class **B28B 19/14** Appl.No 07249811 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.



EN_TI:(NOT(blade AND razor AND head) AND shaving)

12,627 results Offices all Languages all Stemming true Single Family Member false Include NPL false

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1 / 127

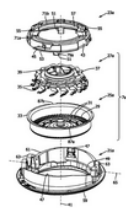
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1. [210100067](#) SHAVING UNIT FOR SHAVING DEVICE, SHAVING HEAD AND SHAVING DEVICE

Int.Class [B26B 19/14](#) Appl.No 201821884172.X Applicant KONINKLIJKE PHILIPS N.V. Inventor ERIK K.PAAUW

The utility model relates to a shaving unit for shaving equipment. The shaving unit includes a support member and at least two hair cutting units. For each corresponding hair cutting unit, the hair is cut; the retention structure includes separate retention members releasably coupled to the support member and configured to retain the respective hair cutting units in the operating positions relative to the support member independently of any other of the at least two hair cutting units. For each respective hair cutting unit, the retaining structure further comprises a locking member comprising at least one locking element biased towards the outer cutting member of the respective hair cutting unit by a spring force in the assembled state of the shaving unit and engaged by an engagement element of the outer cutting member. The locking member is disposed separately from any other locking member and is integrated with the separate retaining member.

CN - 21.02.2020



2. [2000052146](#) SHAVING CUTTER, SHAVING BOARD AND SHAVING MACHINING METHOD

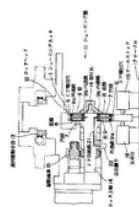
Int.Class [B23F 21/28](#) Appl.No 1998229618 Applicant MITSUBISHI HEAVY IND LTD Inventor IZUMI TAKASHI

PROBLEM TO BE SOLVED: To surely discharge chips from a cut portion by air even if shaving machining is performed by means of dry cutting.

SOLUTION: An air jetting-out hole 6 is formed in the tooth bottom of a shaving cutter 1, an air supplying path 21 for supplying air to the air jetting-out hole 6 of the shaving cutter 1 is provided in a cutter head main spindle 14, and during cutting, chips are discharged from a cut portion by air by jetting out the air from the air jetting-out hole 6 to the cut portion. Thus, even if shaving machining is performed by means of dry cutting, the discharging of chips from the cut portion is surely performed by air.

COPYRIGHT: [C]2000,JP0

JP - 22.02.2000

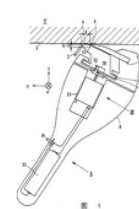


3. [1246088](#) SHAVING HEAD AND SHAVING APPARATUS COMPRISING SHAVING HEAD

Int.Class [B26B 21/00](#) Appl.No 97181843.8 Applicant Koninklijke Philips Electronics N. V. Inventor J. Pragt

The invention relates to a shaving apparatus [9] comprising a basic part [8] and a shaving head [1]. In use the shaving head [1] is pressed against a skin surface [3] and is pulled over the skin surface [3] in a shaving direction [y]. The shaving head [1] comprises a cutter [5] having a cutting edge [8] which extends in a tangential direction [x] transverse to the shaving direction [y]. The shaving head [1] further comprises a manipulator [10] adapted to move hairs engaging with the cutting edge [8] with respect to the shaving head [1] in a direction parallel to the tangential direction [x]. The shaving head [1] is adapted to move the manipulator [10] to and fro. The basic part [8] comprises a drive system [30] for driving the manipulator [10] in the tangential direction [x].

CN - 01.03.2000



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

EN_Tl:(head NEAR8 shaving)

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



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< 2 / 8 >

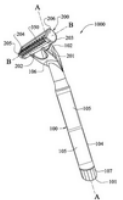
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101. [102844156](#) MOTORIZED [SHAVING](#) APPARATUS [HEAD](#) AND [SHAVING](#) APPARATUS IMPLEMENTING THE SAME

Int.Class [A26B 19/18](#) Appl.No 201180008318.8 Applicant Hybrid Razor Ltd. Inventor Ben-ari Tsafir

The invention relates to a motorized shaving apparatus head and a motorized shaving apparatus incorporating the same. In one embodiment, the invention is a shaving apparatus head comprising: a rotary cutter comprising a cylindrical body having an outer surface and an inner surface forming a cavity, and a plurality of spaced-apart cutting edges extending from the outer surface of the cylindrical body; an electric motor located within the cavity and operably coupled to the rotary cutter to rotate the rotary cutter about an axis; and a fixed blade having a cutting edge, the fixed blade mounted adjacent the rotary cutter so that a user's hairs are sheared between the cutting edge of the fixed blade and the cutting edges of the rotary cutter when the rotary cutter is rotated.

CN - 26.12.2012



102. [182460](#) MOTORIZED [SHAVING](#) APPARATUS [HEAD](#) AND [SHAVING](#) APPARATUS IMPLEMENTING THE SAME

Int.Class [B26B 19/18](#) Appl.No 2012051009 Applicant HYBRID RAZOR LTD Inventor BEN-ARI, TSAFRIR

A motorized shaving apparatus head and motorized shaving apparatus incorporating the same, in one embodiment, the invention, is a shaving apparatus head comprising, a rotary cutter comprising a cylindrical body having an outer surface and an inner surface forming a cavity, and a plurality of spaced-apart cutting edges extending from the outer surface of the cylindrical body; an electric motor located within the cavity and operably coupled to the rotary cutter to rotate the rotary cutter about an axis, and a fixed blade having a cutting edge, the fixed blade mounted adjacent the rotary cutter so that a user's hairs are sheared between the cutting edge of the fixed blade and the cutting edges of the rotary cutter when the rotary cutter is rotating.

SG - 30.08.2012

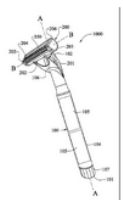


103. [2787348](#) MOTORIZED [SHAVING](#) APPARATUS [HEAD](#) AND [SHAVING](#) APPARATUS IMPLEMENTING THE SAME

Int.Class [B26B 19/18](#) Appl.No 2787348 Applicant HYBRID RAZOR LTD Inventor

A motorized shaving apparatus head and motorized shaving apparatus incorporating the same, in one embodiment, the invention, is a shaving apparatus head comprising, a rotary cutter comprising a cylindrical body having an outer surface and an inner surface forming a cavity, and a plurality of spaced-apart cutting edges extending from the outer surface of the cylindrical body; an electric motor located within the cavity and operably coupled to the rotary cutter to rotate the rotary cutter about an axis, and a fixed blade having a cutting edge, the fixed blade mounted adjacent the rotary cutter so that a user's hairs are sheared between the cutting edge of the fixed blade and the cutting edges of the rotary cutter when the rotary cutter is rotating.

CA - 21.07.2011



104. [2011206336](#) MOTORIZED [SHAVING](#) APPARATUS [HEAD](#) AND [SHAVING](#) APPARATUS IMPLEMENTING THE SAME

Int.Class [B26B 19/18](#) Appl.No 2011208336 Applicant Ben-Ari, Tsafir Inventor

AU - 26.07.2012

Proximity search: BEFORE

- the order of terms is significant.

shaving BEFORE head

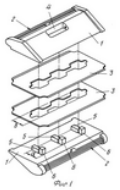
EN_TI:(shaving AND head)

101. [02079402](#) [HEAD OF SHAVING DEVICE](#)

Int.Class [B28B 21/08](#) [?](#) Appl.No 93043832/12 Applicant Aksionerhoe obshchestvo zakrytogo tipa Inzhiniring-Tsentr "Izobretajushchaja mashina" Inventor Litvin S.S.

FIELD: hair removal from human body surface. SUBSTANCE: head of shaving device includes two identical-shape plates arranged one opposite to another and having comb along their one edge, means for mutually connecting said plates, two apertural razors placed between said plates and attachment providing gap between said razors. Means for mutually connecting plates are in the form of connecting protrusions on plate surfaces turned one to another. Means for providing gap between said razors are in the form of spacing protrusions also arranged on plate surfaces turned one to another. Said connecting and spacing protrusions are arranged in pairs along comb of plate. In addition mounting lugs and reciprocal recesses may be made on ends of connecting protrusions for their mutual rigid joining. EFFECT: improved design. 3 cl, 4 dwg

RU - 20.05.1997



102. [29459](#) [SHAVING TAKING DOWN HEAD](#)

Int.Class [B23C 5/08](#) [?](#) Appl.No 4508579 Applicant KOICHEMIDOV Inventor KOICHEMIDOV

BG - 12.12.1980

NO
IMAGE
AVAILABLE

103. [2756908](#) [AUTOMATIC SHAVING BRUSH HEAD](#)

Int.Class [A48B 11/00](#) [?](#) Appl.No 03410834 Applicant MILLER ALFRED B Inventor MILLER ALFRED B

US - 31.07.1958

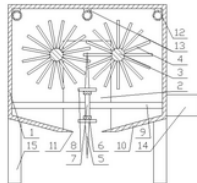
NO
IMAGE
AVAILABLE

104. [204362827](#) [PIG HEAD SHAVING DEVICE](#)

Int.Class [A22B 5/08](#) [?](#) Appl.No 201420882012.0 Applicant HUAI'AN YONGSHUNDE MEAT UION PLANT Inventor ZHU XINGYONG

The utility model discloses a pig head shaving device. The pig head shaving device comprises a shell body, wherein the two ends of the shell body are respectively and correspondingly provided with a feed port and a discharge port; a pig head conveyor is rotationally connected to the interior of the shell body in the direction from the feed port to the discharge port; the two sides, above the pig head conveyor, of the interior of the shell body are respectively provided with the shaving device bodies; the inner top of the shell body is provided with shower pipes; a hair dropping port is formed in the position, where the pig head conveyor is located, of a base plate of the shell body; support legs are arranged under the base plate of the shell body. According to the structures, not only is the pig head shaving efficiency improved by the pig head shaving device, but also it is guaranteed that the shaving device cannot damage pig heads.

CN - 03.08.2015



EN_TI:(shaving BEFORE3 head)

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



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< 2 / 7 >

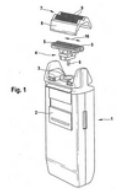
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101. [1910042](#) [SHAVING HEAD](#) FOR AN ELECTRIC SHAVER

Int.Class [B28B 19/04](#) Ⓢ Appl.No 08782771 Applicant BRAUN GMBH Inventor BURGHARDT RENATA

The invention proposes a shaving head for an electric shaver, which shaving head has a lower cutter [4] which has at least one blade [10] which can be driven in at least one movement direction [18] in relation to an upper cutter [7]. In order to achieve a good shaving result while at the same time being as gentle on the skin as possible, it is proposed that the blade [10] has an outer delimiting section [17] which is raised in relation to the cutting edge [11], points in the direction of the upper cutter [7] and rises from the cutting edge [11] to the upper cutter [7].

EP - 18.04.2008



102. [3793723](#) ULTRASONIC REPLACEABLE [SHAVING HEAD](#) AND RAZOR

Int.Class [B08B 3/00](#) Ⓢ Appl.No 3793723D Applicant ULTRASONIC SYSTEMS, INC. Inventor KURIS A

A shaving head for use, in combination with a handle containing an ultrasonic motor, said head including a blade disposed therein and mounted therein in a manner to be ultrasonically vibrated with the head detachably and rigidly coupled to the ultrasonic motor.

US - 28.02.1974

NO
IMAGE
AVAILABLE

103. [20050274019](#) [SHAVING HEAD](#) FOR A DRY SHAVER

Int.Class [B28B 19/12](#) Ⓢ Appl.No 11151280 Applicant MATSUSHITA ELECTRIC WORKS, LTD Inventor Inoue Tomoyuki

A shaving head for a dry shaver is capable of increasing the cutting efficiency, yet allowing the use of the inner cutter of simple structure. The shaving head has a slit cutter unit composed of an outer cutter shaped to have a top surface for contact with a user's skin, and an inner cutter in contact with a bottom surface of the outer cutter. The outer cutter has a U-shaped structure with a pair of legs connected by a crossbar, and to have a plurality of slits which are spaced in a lengthwise axis of the outer cutter to leave a plurality of bridges each between the adjacent ones of the slits. The slits extend continuously over a full width of the crossbar and into upper ends of the legs in a direction generally perpendicular to the lengthwise axis, giving two straight slit paths respectively on opposite width ends of the outer cutter. The straight slit paths on the opposite width ends are staggered with respect to each other along the lengthwise axis. Each of the bridges extends along the width axis of the outer cutter to make the bottom surface of the outer cutter smoothly continuous over the full length of the bridge, and that each bridge is formed at its longitudinal center with a deflection which is angled with respect to the width axis so as to leave, between the adjacent ones of the deflections, an angled path through which the straight slit paths of each slit extends continuously.

US - 15.12.2005



104. [20090133265](#) [SHAVING HEAD](#) FOR AN ELECTRIC SHAVER

Int.Class [B28B 19/04](#) Ⓢ Appl.No 11998575 Applicant Braun GmbH Inventor Burghardt Renata

A shaving head for an electric shaving apparatus, having an under cutter comprising at least one blade which is drivable in at least one direction of movement relative to an outer cutter. To achieve a good shaving result while at the same time protecting the skin to be best possible effect, it is proposed providing the blade with an outer boundary section which is raised in relation to the cutting edge, faces in the direction of the outer cutter and inclines upwardly from the cutting edge toward the outer cutter.

US - 28.05.2009



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

Range search

- Range:

- DP:[01.01.2000 TO 01.01.2001]

- Can also be used to search non-date fields

- IN: {Smith to Terence}

^ caret = weighting factor

- Same result but ranking will be different

shaving³ AND head

EN_AB:(shaving AND head)

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

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

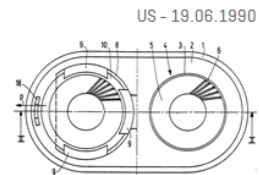
1 / 46

Download Machine translation

1. 4934051 SHAVING APPARATUS WITH A DETACHABLE HEAD

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.

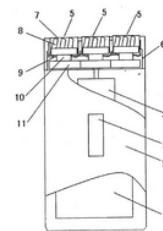


US - 19.06.1990

2. 20110113632 THREE-HEAD ELECTRIC SHAVER

Int.Class B26B 19/20 Appl.No 12693450 Applicant Bao Chengcong Inventor Bao Chengcong

A three-head electric shaver includes a shaving body having a casing at a top end thereof, a switch, a power supply, an electric motor having a motor shaft; and three shaving heads spacedly aligned with each other and provided at an upper portion of the shaving body. Each of the three shaving heads is positioned at an arc of the upper portion of the shaving body. The present invention includes a cutter head support connected with the casing, wherein each of the three shaving heads is mounted thereon. Furthermore, each of the three shaving heads includes an outer foil and an inner blade, each of the three shaving heads is provided on a resilient piece. The present invention has an advantage of wider shaving range to save shaving time.

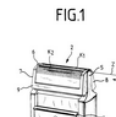


US - 19.05.2011

3. 0302268 SHAVING APPARATUS WITH A CONTROLLABLE, SWIVELLING SHAVING HEAD

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.



EP - 08.02.1989

FIG1

EM (shaving*12 AND head)

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

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

1 / 46

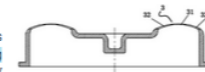
Download Machine translation

1. 204295710 SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER

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**.

CN - 29.04.2015

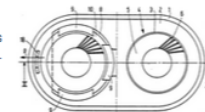


2. 4934051 SHAVING APPARATUS WITH A DETACHABLE HEAD

Int.Class [B26B 19/14](#) Appl.No 07249811 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**.

US - 19.08.1990

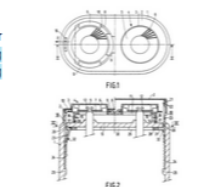


3. 0311179 SHAVING APPARATUS

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 (8), 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).

EP - 12.04.1989

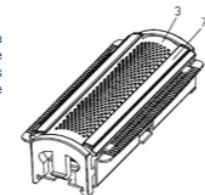


4. 208812153 COMBINED SHAVING TOOL BIT WITH SKIN CARE AND LUBRICATION FUNCTIONS

Int.Class [B26B 19/04](#) Appl.No 201821875018.2 Applicant ZHEJIANG BAIREN ELECTRIC APPLIANCE TECHNOLOGY CO., LTD. Inventor WANG XIAOJUN

The utility model relates to a **shaving tool bit**. The utility model relates to a **shaving tool bit**, in particular to a combined **shaving tool bit** with skin-care lubrication, the use problem of the skin care strip is solved; the electric shaver comprises a **shaving inner cutter head seat**, a **shaving cutter head frame** and a **shaving cutter net**, the inner **shaving tool bit seat** and the **shaving tool bit frame** are fixedly assembled; a static **shaving cutter** and a movable **shaving cutter** are arranged in the inner **shaving cutter head seat**; the **shaving cutter net** is arranged in the center of the **shaving cutterhead frame**, the **shaving cutter net** and the **shaving cutter head frame** are fixed in a clamped mode, the **shaving cutter head frame** is provided with a mounting groove and a skin care strip on the two sides of the **shaving cutter net**; the skin care strip is provided with an abutting part and a clamping part, the clamping part is in a hook shape, a first clamping block is arranged on the clamping part, skin can be moistened while **shaving** is conducted through the skin care lubricating strips on the two sides in the **shaving process**, the overall appearance is attractive, meanwhile, the **shaving efficiency** is not affected, the structure is more flexible, and installation is stable.

CN - 03.05.2019

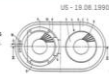


EN_AB:(shaving AND head)

1. 4924051 SHAVING APPARATUS WITH A DETACHABLE HEAD

Int.Cl. Class **G26B.13/14** () Appl. No. 07249811 Applicant U.S. Philips Corp. Inventor LORIN 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 movable 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.

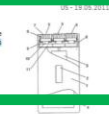


US - 19.08.1990

2. 20181044 B0524 THREE-HEAD ELECTRIC SHAVING

Int.Cl. Class **G26B.13/02** () Appl. No. 12892480 Applicant Bao Chengsong Inventor Bao Chengsong

A three **head** electric shaver includes a **shaving** body having a casing at a top end thereof, a power supply, an electric motor having a motor shaft, and three **shaving heads** spacedly aligned with each other and provided at an upper portion of the **shaving** body. Each of the three **shaving heads** is positioned at an arc of the upper portion of the **shaving** body. The present invention includes a cutter **head** support connected with the casing, wherein each of the three **shaving heads** is mounted thereon. Furthermore, each of the three **shaving heads** includes a cutter bit and an inner blade, each of the three **shaving heads** is provided on a retaining plate. The present invention has an advantage of wider **shaving** range to save **shaving** time.

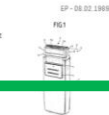


US - 15.09.2011

3. 0302268 SHAVING APPARATUS WITH A CONTROLLABLE, SWIVELLING SHAVING HEAD

Int.Cl. Class **G26B.13/02** () Appl. No. 8811189 Applicant DR. INHON GUNDELSCHEIT Inventor WOLF, ANDRIS

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.

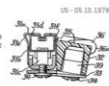


EP - 03.02.1989

4. 2002626 ELECTRIC DRY SHAVER

Int.Cl. Class **G26B.13/04** () Appl. No. 05422284 Applicant Sunbeam Corporation Inventor JEROME LORREL R.

An electric shaver for **shaving** the legs and underarms of women wherein separate **head** assemblies are provided for leg **shaving** and for underarm **shaving**, the **head** assembly for leg **shaving** having a pair of spaced parallel **heads**, the combs of which are relatively thin for close **shaving**. The underarm **head** assembly having a single **shaving head** provided with a comb which is relatively thick to prevent irritation during underarm **shaving** and having adjacent thereto an elongated guard which is similar in overall dimensions to one of the **shaving heads** but has a plurality of spaced ribs which engage the skin and smooth it out in advance of the **shaving** operation.



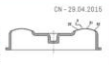
US - 05.10.1978

EN_AB:(shaving^12 AND head)

1. 204295710 SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER

Int.Cl. Class **G26B.13/10** () Appl. No. 20140733433.0 Applicant HANNO SHIN ELECTROMECHANICAL CO., LTD. Inventor SHU PENGCHONG

The utility model relates to a **shaving head** component of a rotary type electric shaver. According to an existing **shaving head** component of the rotary type electric shaver, and a draw head is used for connecting, accordingly, an effective **shaving** area is smaller, a **shaving** net working face attaching to skin is a plane, tending to the skin is not proper, 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** surfaces, the section of the **shaving** net forms arched working faces on two sides, and the **shaving** surfaces are arranged on the arched working faces. The arched working faces arranged can make skin to be 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

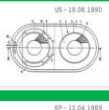


CN - 29.04.2019

2. 4924051 SHAVING APPARATUS WITH A DETACHABLE HEAD

Int.Cl. Class **G26B.13/14** () Appl. No. 07249811 Applicant U.S. Philips Corp. Inventor LORIN 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 movable 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.

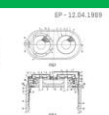


US - 19.08.1990

3. 0311172 SHAVING APPARATUS

Int.Cl. Class **G26B.13/14** () Appl. No. 88202108 Applicant K.V. PHILIPP GLOELAMPENFABRIEKEN Inventor LABRIN, 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 movable 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).



EP - 12.04.1989

4. 208812163 COMBINED SHAVING TOOL BIT WITH SKIN CARE AND LUBRICATION FUNCTIONS

Int.Cl. Class **G26B.13/02** () Appl. No. 3518717502.2 Applicant ZHEJIANG BAREN ELECTRIC APPLIANCE TECHNOLOGY CO., LTD. Inventor WANG XIAOAN

The utility model relates to a **shaving** tool bit. The utility model relates to a **shaving** tool bit, in particular to a combined **shaving** tool bit with skin-care lubrication. The use problem of the skin care strip is solved: the electric shaver comprises a **shaving** outer cutter **head** seat, a **shaving** outer **head** frame and a **shaving** cutter net, the inner **shaving** tool bit seat and the **shaving** tool bit frame are fixedly assembled; a static **shaving** cutter and a movable **shaving** cutter are arranged in the inner **shaving** cutter **head** seat; the **shaving** cutter net is arranged in the center of the **shaving** cut-off frame, the **shaving** cutter net and the **shaving** cutter **head** frame are fixed in a clamped mode. The **shaving** cutter **head** frame is provided with a mounting groove and a skin care strip on the two sides of the **shaving** cutter net; the skin care strip is provided with an advancing part and a clamping part, the clamping part is in a hook shape, a first stamping block is arranged on the clamping part, skin can be massaged while **shaving** is conducted through the skin care lubricating strip on the two sides in the **shaving** process, the visual appearance is attractive, meanwhile, the **shaving** efficiency is not affected, the structure is more flexible, and installation is stable.



CN - 01.05.2019

Keywords

- Stemming
- Wildcard
- Truncation
- Fuzzy

Fuzzy searches

- Use of the tilde: ~

- Examples:

roam~ \longrightarrow foam / roams

Roam~0.8



Useful to find misstpyed, misspelt or mis-OCRed words

Stemming

ADVANCED SEARCH ▼

Search terms...

Query Assistant [Query Examples](#)

+ Expand with related terms

Offices

All ▼

Languages

All ▼

Stemming

Single Family Member

Include NPL

Reset

Search

Stemming

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

critical

critically


criticism

criticisms

critics

each word is reduced to 'critic'

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

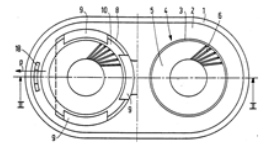
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1. 4934051 SHAVING APPARATUS WITH A DETACHABLE HEAD

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.

US - 19.06.1990

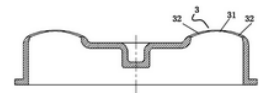


2. 204295710 SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER

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. Because of this, 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.

CN - 29.04.2015

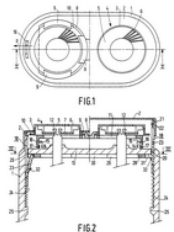


3. 0311179 SHAVING APPARATUS

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].

EP - 12.04.1989



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

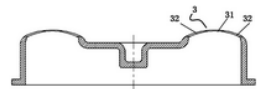
Sort: Relevance Per page: 100 View: All+Image 1/46 Download Machine translation

1. 204295710 SHAVING HEAD COMPONENT OF ROTARY TYPE ELECTRIC SHAVER

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.

CN - 29.04.2015

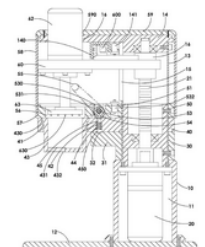


38. 204665781 ICE CRUSHER STRUCTURE

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 lifting 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 rotatory 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.

CN - 23.09.2015

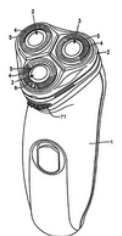


40. 20060117569 SHAVING APPARATUS

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).

US - 08.06.2006



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	

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All

Languages

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Search

Full-text

- All collections
- All filing languages, such as Arabic, Bulgarian, Cambodian, Chinese, Danish, English, Estonian, French, German, Greek, Hebrew, Italian, Japanese, Korean, Laotian, Portuguese, Romanian, Russian, Spanish, Thai, Vietnamese, etc.

ADVANCED SEARCH ▾

Search terms...

Query Assistant [Query Examples](#)

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

Coverage

https://patentscope.wipo.int/search/en/help/data_coverage.jsf

Last Update: 04.05.2021

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 - 29.04.2021	19.10.1978 - 29.04.2021	4,036,156	Total: English: French: Spanish: German: Korean: Japanese: Chinese: Russian: Portuguese:	4,031,753 2,307,257 135,852 27,684 404,679 125,010 672,227 333,037 20,782 5,225	4,036,156
African Regional Intellectual Property Organization (ARIPO)	03.07.1985 - 28.07.2008	03.07.1985 - 28.07.2008	1,676	Total: English:	1,671 1,671	1,868
Argentina	11.02.1985 - 24.02.2021	31.10.1990 - 24.02.2021	9,741	Total: Spanish:	8,906 8,906	166,185
Australia	14.01.1900 - 29.04.2021	08.01.1981 - 29.04.2021		Total: English:	665,840 665,840	1,771,309
Bahrain	09.03.1957 - 28.09.2005	09.03.1957 - 28.09.2005				1,411
Brazil	25.04.1972 - 13.04.2021	25.04.1989 - 13.04.2021	230,201	Total: Portuguese:	228,877 228,877	831,714
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

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ΚΟΥΡΑΒΙΕΣ
KURABIE

EV / AFI II II

KURABIYELER ®

saf tereyağı ve bütün badem ile...

ΤΟ ΚΟΥΤΟΥΚΑΚΙ
TAVERNA

1901

COFFE
BAR

CASTELLO
PIZZA

ΠΛΕΙΤΑΙ

Laiko καρβέλι.

ΤΑΒΕΡΝΑ

ΚΑΝΑΔΟΣ

CASTLE

Imaret

Hotel

★★★★★

КУРАБИИ.

كوابية

WIPO Pearl

shaving



Search options | Reset

51 HITS for shaving [Filters](#)

Source language All

Target language All

Subject field All

▶ Terms [shaving brush](#) (HOME), [shaving gel](#) (CHEM), [shaving cream](#) (CHEM), [wood shavings](#) (BLDG), [shaping](#) (MANU)...

HOME / DOMESTIC APPLIANCES & UTENSILS [Show full record](#)

▶ DE › Rasierpinsel	Reliability 3 / 4	...
▶ EN › shaving brush	Reliability 3 / 4	...

CHEM / COSMETICS & PERFUMES [Show full record](#)

▶ EN › shaving gel	Reliability 3 / 4	...
▶ ES › gel de afeitado	Reliability 3 / 4	...
▶ FR › gel de rasage	Reliability 3 / 4	...
▶ ZH › 剃须啫喱(tìxūzhēlǐ)	Reliability 3 / 4	PATENTSCOPE Images Concept map ...



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ments including 3.9 million published international patent applications (PCT). [De](#)

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Field Combination

Cross Lingual Expansion

Chemical compounds (login required)

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je

CT publication 46/2020 is scheduled for 12



Query Examples

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

Close

Edit

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 "切剃头" OR "剃剃头" OR "剃须刀头" OR "剃刮头" OR "剃剃刀头" OR "剃刀头部" OR KO_AB:("면도 헤드" OR "깎는 면도 헤드가" OR "커팅 헤드" OR "재단 헤드" OR "절삭 헤드" OR "두부정리 절단장치" OR "면도 헤드가 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"~22 OR "dla głowica"~22 OR "aparat głowica"~22 OR "głowica tnąca urządzesigma" OR "maszynka głowica"~22 OR "tarcie ibem"~22 OR "dla ibem"~22 OR "aparat ibem"~22) OR DA_AB:("skæreværktøj" OR "skaerehoved" OR "skrehoved" OR "barberapparathoved" OR "barberskraberhoved" OR "fræsehoved")

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

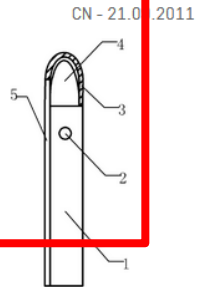
< 1/225 >

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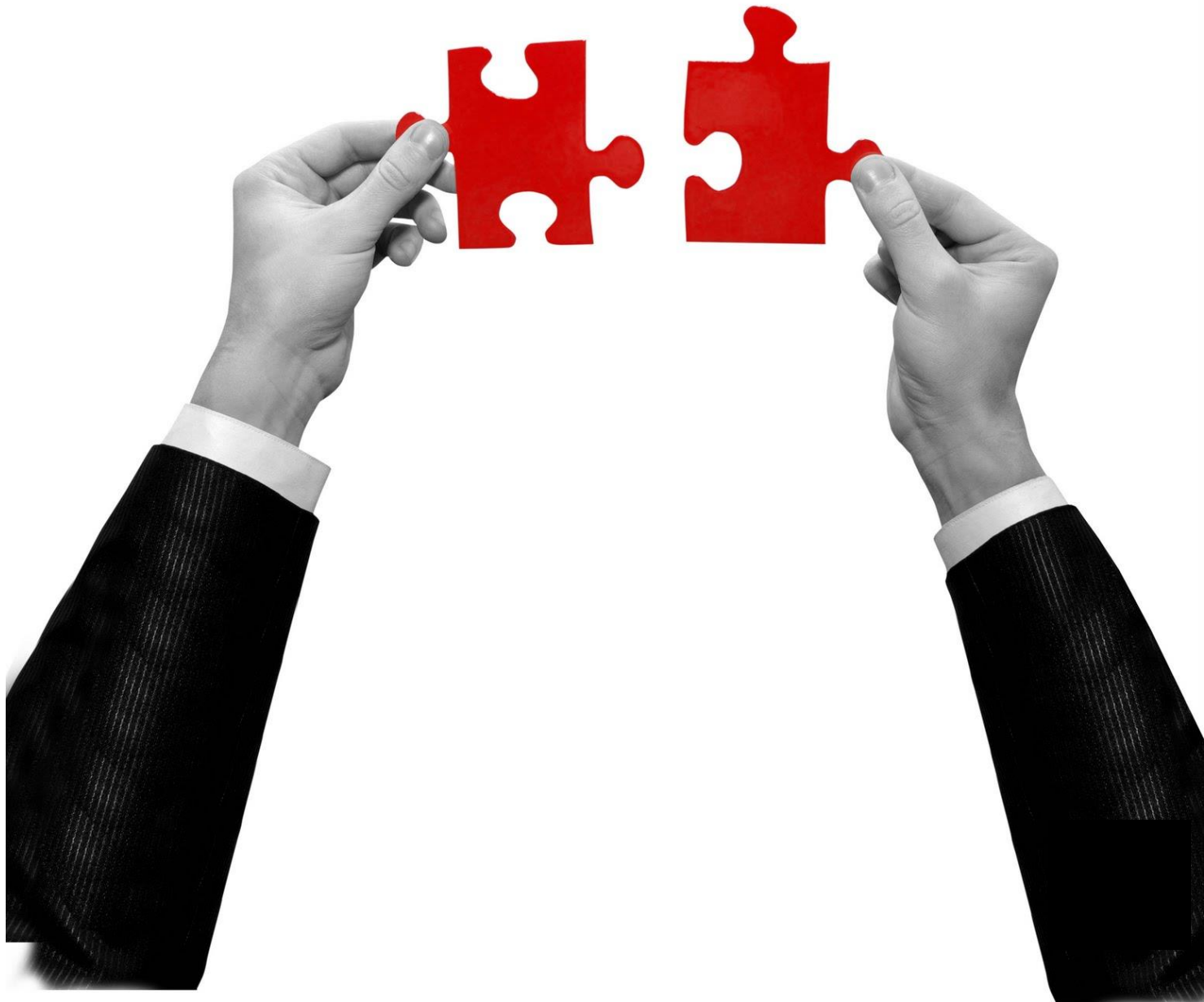
1. [201979543](#) 手机剃须刀

Int.Class [B26B 19/48](#) 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。



CN - 21.0 2011



Result combination

- Combine search with date range
- Combine with CPC
- Combine with CLIR
- Combine search with chemical structure search

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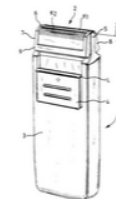
1. **0302268** SHAVING APPARATUS WITH A CONTROLLABLE, SWIVELLING SHAVING HEAD

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

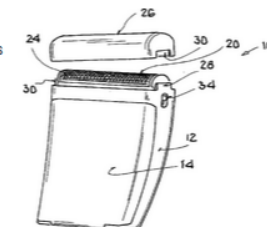


2. **202006009655** MOBILE TELEPHONE FOR COMMUNICATION, FOR RECEIVING TELEVISION PROGRAM, FOR RECEIVING RADIO PROGRAM AND FOR REMOVING WHISKERS AND HAIR HAS ELECTRICAL SHAVER INTEGRATED IN IT

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

6

✔ 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



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

1/1

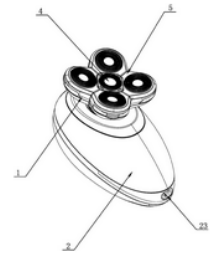
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1. [210189871](#) ELECTRIC SHAVER

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.

CN - 27.03.2020

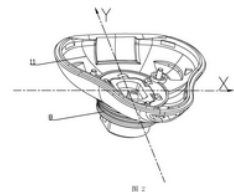


2. [WO/2020/103112](#) SHAVER

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.

WO - 28.05.2020



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

KR - 23.07.2020





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



AND

ANDNOT

OR

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 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

Close

Edit

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 헤드가 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 glowica"~22 OR "dla glowica"~22 OR "aparat glowica"~22 OR "głowica tnąca urzędzesigma" OR "maszynka glowica"~22 OR "tarcie ibem"~22 OR "dla ibem"~22 OR "aparat ibem"~22) OR DA_AB:("skæreværktøj" OR "skaerehoved" OR "skrehoved" OR "barberapparat" OR "barberskraberhoved" OR "fræsehoved")

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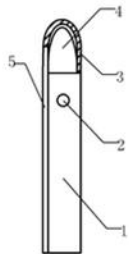
< 1/225 >

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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。



CN - 21.09.2011

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

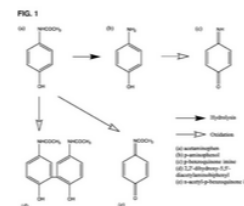
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1. [2019328411](#) [PARACETAMOL](#) LIQUID SUSPENSIONS

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/2020/043587](#) [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.

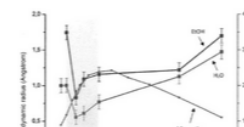


3. [20190374488](#) PHARMACEUTICAL FORMULATION FOR ADMINISTERING [PARACETAMOL](#) BY BUCCAL/GINGIVAL ROUTE

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.



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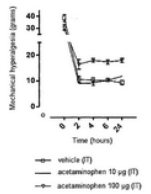
1. **2874602** INJECTABLE SUPERSATURATED ACETAMINOPHEN SOLUTION FOR SPINAL ADMINISTRATION

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.



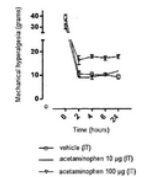
2. **20150148379** INJECTABLE SUPERSATURATED ACETAMINOPHEN SOLUTION FOR SPINAL ADMINISTRATION

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 true Single Family Member false Include NPL false



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

KR - 31.12.2007

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. ©KIP06/WIPO 2008



2. [WO/2020/214538](#) TREATMENT AND PREVENTION OF DEMENTIA AND OTHER NEURODEGENERATIVE DISEASES

WO - 22.10.2020

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.



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

WO - 26.04.2007

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



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