

Title: Verbindungsgestaenge und damit ausgestattete Orofaciale Gebisschiene

Abstract: The denture assembly has rails engaging top (13) and bottom (15) rows of teeth divided into right-hand (19,25) and left- hand (17,23) groups. The groups are linked by brackets (21,28) and there are adjustable-length struts (41) between the upper and lower rails, engaging swivels (8,9). The struts have sliding guide members (1-4). The rails may be made of polymethyl methacrylate plastics.

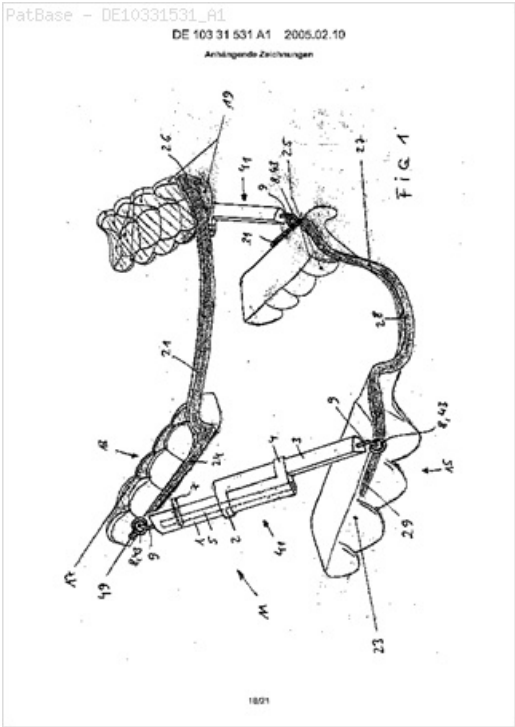
Classifications:

International (IPC 8-9): A61F5/56 (Advanced/Invention);
A61F5/56 (Core/Invention)

International (IPC 1-7): A61F5/56

CPC: A61F5/566

European: A61F5/56B



Family:

Publication number	Publication date	Application number	Application date
DE10331531 A1	20050210	DE20031031531	20030711
DE10331531 B4	20050804	DE20031031531	20030711

Priority:

DE20031031531 20030711

Probable Assignee:

SCHLIEPER JOERG W

Assignee(s): (std):

SCHLIEPER JOERG W

Inventor(s): (std):

SCHLIEPER JOERG W

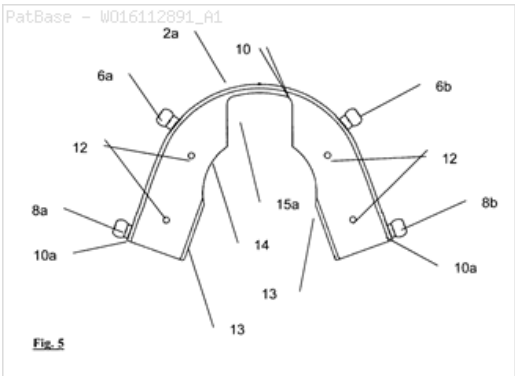
Title: TWO-PART MANDIBULAR ADVANCEMENT SPLINT

Abstract: The invention relates to a prefabricated, two-part mandibular advancement splint for treating snoring and/or obstructive sleep apnea, to an advancement holder for such a mandibular advancement splint that can be adjusted telescopically and that can be adjusted by means of a hexagonal nut in its center, and to a ready-to-use kit for producing such a mandibular advancement splint.

Classifications:

International (IPC 8-9): A61F5/56 (Advanced/Invention)

CPC: A61F5/566



Family:

Publication number	Publication date	Application number	Application date
DE202015000051 U1	20150402	DE201520000051U	20150112
EP3244848 A1	20171122	EP20160708071	20160111
WO16112891 A1	20160721	WO2016DE000008	20160111

Priority:

DE201520000051U 20150112 WO2016DE000008 20160111

Probable Assignee: TOUSSAINT

Assignee(s): (std): TOUSSAINT WINFRIED ; YILDIZ FAHRI

Assignee(s): TOUSSAINT

Inventor(s): (std): TOUSSAINT WINFRIED

Agent(s): KOMPTER HANS MICHAEL; KOMPTER MICHAEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: TWO-PART ORAL TELESCOPIC CONNECTOR FOR ADJUSTABLE MANDIBULAR PROTRUSION SPLINT FOR TREATMENT OF SNORING AND OBSTRUCTIVE SLEEP APNOEA

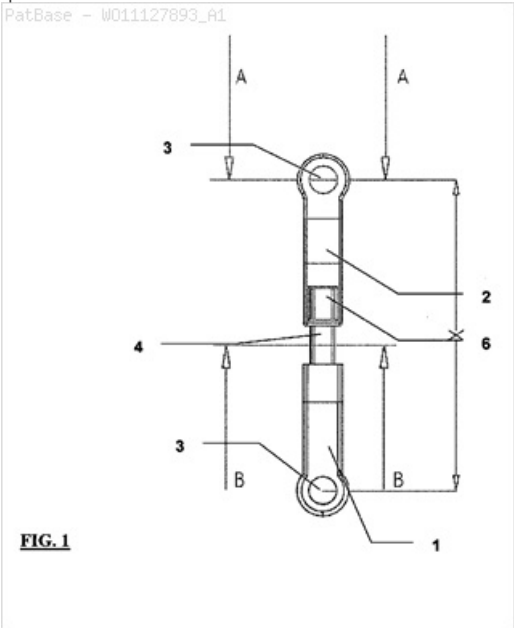
Abstract: The invention relates to a two-part oral telescopic connector, to mandibular protrusion splints which are used to treat snoring and/or obstructive sleep apnoea and which comprise such telescopic connectors, to ready-to-use kits for producing such mandibular protrusion splints, and to a method for the production thereof.

Classifications:

International (IPC 8-9): A61C7/36 A61F5/56 (Advanced/Invention)

CPC: A61C7/36 A61C13/2653 A61C13/277 A61F5/566

European: A61C13/265B A61C13/277 A61C7/36 A61F5/56B



Family:

Publication number	Publication date	Application number	Application date
DE112011101303 A5	20130207	DE201111101303T	20110405
DE202010004952 U1	20111027	DE201020004952U	20100413
WO11127893 A1	20111020	WO2011DE00358	20110405

Priority:

DE201020004952U 20100413 DE201111101303T 20110405 WO2011DE00358 20110405

Probable Assignee: TOUSSAINT WINFRIED

Assignee(s): (std): TOUSSAINT WINFRIED

Assignee(s): TOUSSAINT

Inventor(s): (std): TOUSSAINT WINFRIED

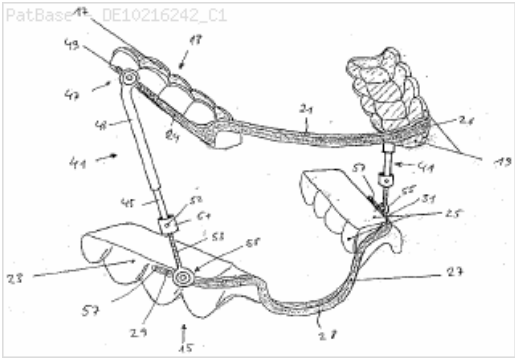
Agent(s): KOMPTER MICHAEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DENTURE RAIL SUPPORT, USED IN SLEEP DISORDER THERAPY, HAS UPPER AND LOWER REAR SECTIONS JOINED AT FRONT BY BOWS, WITH UPPER AND LOWER PIVOTED LINKAGES

Abstract: Rail support has upper (13) and lower (15), left and right sections respectively, which fit over the rear teeth. Rail support sections (17, 19, 23, 25) are made of plastic. Narrow metal bows join upper and lower supports respectively, running in front of the incisors. Connectors (41) join the upper and lower sections, their pivots (47, 55) being attached to the supports for the upper and lower jaws.

Classifications:
International (IPC 8-9): A61F5/56 (Advanced/Invention);
A61F5/56 (Core/Invention)
International (IPC 1-7): A61C5/14 A61F5/56
CPC: A61F5/566
European: A61F5/56B



Family:

Publication number	Publication date	Application number	Application date
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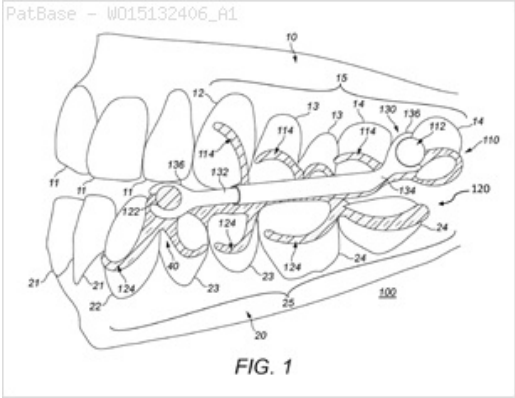
Priority:
DE20021016242 20020412

Probable Assignee:	SCHLIEPER JOERG W
Assignee(s): (std):	SCHLIEPER JOERG W
Inventor(s): (std):	SCHLIEPER JOERG W

Title: REMOVABLE DEVICE FOR MANDIBULAR ADVANCEMENT

Abstract: A removable device (100, 200) for advancing a lower jaw (20) relative to an upper jaw (10) in a mouth. An upper member (110, 210) is configured to be retained on an upper jaw buccal segment (15), positioned to the rear of the mouth, extending back towards the upper molars (14) of the upper jaw buccal segment, the upper member comprising one or more retaining members (114, 214) for securing the upper member removably on the upper jaw by engaging with one or more upper teeth (12, 13, 14) of the upper jaw buccal segment. A lower member (120, 220) is arranged to be retained on a lower jaw buccal segment (25) and inner lingual surface of the mandible (300), positioned to the rear of the mouth, extending back towards the lower molars (24) of the lower jaw buccal segment. The lower member comprises one or more retaining members (224) for securing the lower member removably on the lower jaw by engaging with one or more lower teeth (22, 23, 24) of the lower jaw buccal segment and a plate configured to lie on a portion of the lingual surface of the mandible, extending from the buccal teeth over the gingival margin onto the attached gingivae and attached oral mucosa. The upper and lower members are configured to be retained entirely within a first half of the mouth and a linking member (130, 230) is configured to connect the upper member to the lower member such that the lower jaw is advanced to and retained at a predetermined minimum distance relative to the upper jaw when the upper member is secured on the upper jaw and the lower member is secured on the lower jaw.

Classifications:
International (IPC 8-9): A61F5/56 (Advanced/Invention)
CPC: A61F5/566



Family:

Publication number	Publication date	Application number	Application date
WO15132406 A1	20150911	WO2015EP54781	20150306

Priority:

EP20140158424 20140307

Probable Assignee: SOMNOWELL LTD

Assignee(s): (std): SOMNOWELL LTD

Inventor(s): (std): ASH SIMON

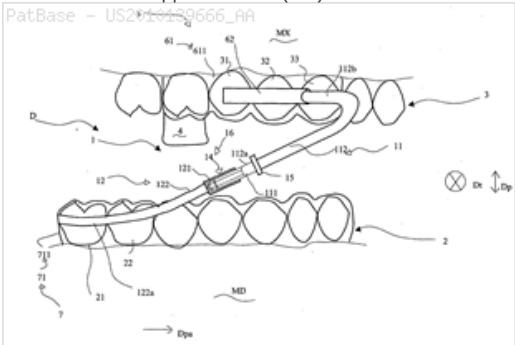
Agent(s): HALEY STEPHEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DEVICE INTENDED TO CAUSE A DISPLACEMENT IN THE MANDIBLE IN RELATION TO THE MAXILLA

Abstract: The present invention concerns a device intended to cause displacement of the mandible in relation to the maxilla, which is neither inconvenient for the user nor bulky, and which allows displacement of the mandible in relation to the upper maxilla in a postero-anterior direction and/or a transverse direction in relation to the plane of the maxilla and/or perpendicular in relation to the plane of the maxilla. The device (D) according to the invention comprises at least one mandible displacement means (1) intended to be fixed to the upper maxilla (MX) and the mandible (MD) by two fixing means (6, 7) respectively and is characterised in that said mandible displacement means (1) comprises an upper part (11) intended to be linked to said upper maxilla (MX) and a lower part (12) intended to be linked to said mandible (MD), said upper part (11) and lower part (12) being intended to be linked together via a linking means (14), said linking means (14) comprising a means of adjustment (16) of the displacement of the mandible (MD) in relation to the upper maxilla (MX).

Classifications:
International (IPC 8-9): A61C7/36 A61F5/56 (Advanced/Invention);
A61C7/00 A61F5/00 A61F5/56 (Core/Invention)
International (IPC 1-7): A61F5/56
CPC: A61C7/36 A61C8/0096 A61F5/566
European: A61C7/36 A61F5/56B K61C8/00W4
US: 128/848



Family:

Publication number	Publication date	Application number	Application date
AT471133 E	20100715	AT20070846711T	20071121
BRPI0719099 A2	20131203	BR2007PI19099	20071121
CA2668206 AA	20090501	CA20072668206	20071121
DE602007007234 D1	20100729	DE200760007234T	20071121
EP2081525 A1	20090729	EP20070846711	20071121
EP2081525 B1	20100616	EP20070846711	20071121
ES2347720 T3	20101103	ES20070846711T	20071121
FR2908980 A1	20080530	FR20060010284	20061123
FR2908980 B1	20090703	FR20060010284	20061123
MA31222 B1	20100301	MA20090032025	20090622
MX2009005129 A1	20090710	MX20090005129	20071121
PT2081525 T	20100923	PT20070846711T	20071121
US2010139666 AA	20100610	US20070515080	20071121
WO08061725 A1	20080529	WO2007EP10077	20071121

Priority:

FR20060010284 20061123 WO2007EP10077 20071121

Probable Assignee: BONNAURE PIERRE

Assignee(s): (std): BONNAURE PIERRE

Assignee(s): PIERRE BONNAURE

Inventor(s): (std): BONNAURE PIERRE

Inventor(s): PIERRE BONNAURE

Agent(s): MACPHERSON LESLIE AND TYERMAN LLP; FURMAN IP LAW AND STRATEGY PC; MAILLET ALAIN; CABINET LE GUEN ET MAILLET; NIXON AND VANDERHYE PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: Intra-oral therapeutic device

Abstract: ;An upper (2) and a lower teeth accommodating holding element (3) is inserted into the mouth when going to sleep. Two thin rods are swivel mounted laterally to the upper (2) and the lower element (3) causing the lower jaw (7) to move to the front when the user opens his/her mouth resulting in an automatically opening of the windpipe. When the mouth is closed, the folded rods are accommodated in matching recesses at the contact surfaces (5, 6) of the holding elements (2, 3).

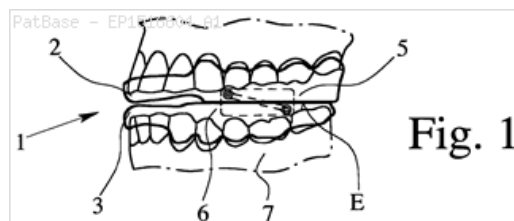
Classifications:

International (IPC 8-9): A61F5/56 (Advanced/Invention);
A61F5/56 (Core/Invention)

International (IPC 1-7): A61F5/56

CPC: A61F5/566

European: A61F5/56B



Family:

Publication number	Publication date	Application number	Application date
AT395888 E	20080615	AT20040017730T	20040727
DE20319088 U1	20040304	DE20032019088U	20031208
DE502004007207 D1	20080703	DE200450007207T	20040727
EP1516604 A1	20050323	EP20040017730	20040727
EP1516604 B1	20080521	EP20040017730	20040727

Priority:

DE20031043051 20030916

DE20032019088U 20031208

Probable Assignee: DR HINZ LABOR FACHLABORATORIUM F KIEFERORTHOPAEDIE GMBH AND CO KG

Assignee(s): (std): HINZ LABOR DR ; HINZ LABOR FACHLABORATORIUM FU

Assignee(s): DR HINZ LABOR ; DR HINZ LABOR FACHLABORATORIUM F ; DR HINZ LABOR FACHLABORATORIUM F KIEFERORTHOPAEDIE ; DR HINZ LABOR FACHLABORATORIUM F KIEFERORTHOPAEDIE GMBH AND CO KG ; DR HINZ LABOR FACHLABORATORIUM FUER KIEFERORTHOPAE ; DR HINZ LABOR FACHLABORATORIUM FUER KIEFERORTHOPAEDIE GMBH AND CO KG

Inventor(s): (std): HINZ ROLF PROF DR ; HINZ ROLF

Inventor(s): HINZ ROLF PROFDR

Agent(s): GESTHUYSEN VON ROHR AND EGGERT

Designated states: BE AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Title: INTRAORAL ORTHOSIS FOR IMPROVING THE PENETRATION OF AN AIR FLOW IN UPPER RESPIRATORY TRACTS

Abstract: The inventive intraoral orthosis (2) a lower gutter (3) for covering the totality of a mandibular arcade and two top semi-gutters (4) for receiving each of two maxillary semi-gutters covering molars and canines except incisives, wherein said two top semi-gutters (4) are rigidly connected, each top semi-gutter (4) is connected to the lower gutter (3) by a lateral rod (21) hingeable on two ends thereof, each rod (21) is inclined away from the top semi-gutter (4) towards the lower gutter (3) and from behind to forward.

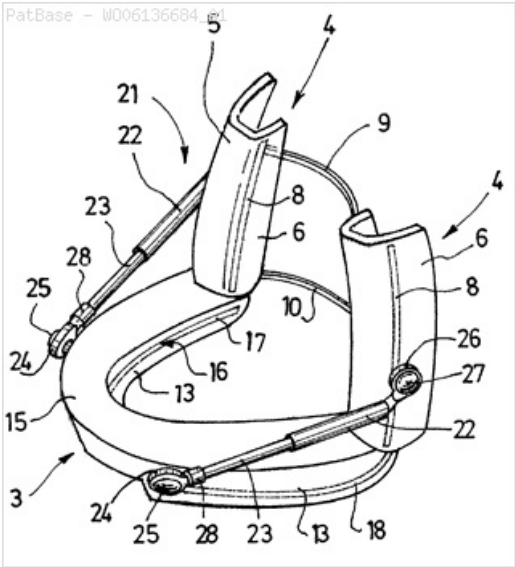
Classifications:

International (IPC 8-9): A61F5/56 (Advanced/Invention);

A61F5/56 (Core/Invention)

CPC: A61F5/566

European: A61F5/56B



Family:

Publication number	Publication date	Application number	Application date
FR2887140 A1	20061222	FR20050006280	20050621
FR2887140 B1	20070831	FR20050006280	20050621
WO06136684 A1	20061228	WO2006FR01369	20060616

Priority:

FR20050006280 20050621

Probable Assignee: FAUCHER LAURENT

Assignee(s): (std): FAUCHER LAURENT

Assignee(s): LAURENT FAUCHER

Inventor(s): (std): FAUCHER LAURENT

Inventor(s): LAURENT FAUCHER

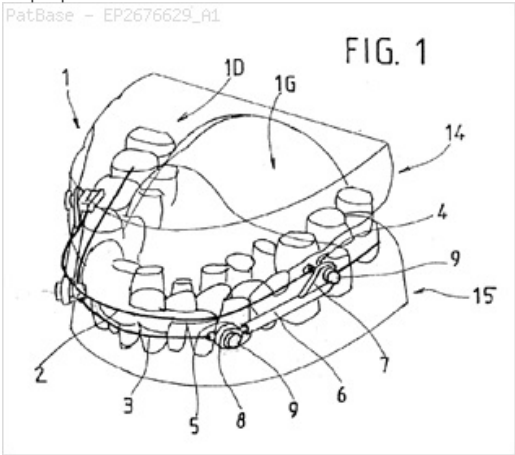
Agent(s): CABINET GERMAIN ET MAUREAU

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: IMPROVED DENTOFACIAL ORTHOPAEDIC OR ORTHODONTIC APPLIANCE, IN PARTICULAR FOR A MANDIBULAR PROPULSION APPAREILLAGE D'ORTHODONTIE OU D'ORTHOPEDIE DENTO-FACIALE AMELIORE, EN PARTICULIER POUR UNE PROPULSION MAN

Abstract: The case (4) has a base intended to be fixed or welded to a ring of a molar tooth or premolar, and a body including a non-circular opening for establishment of an orthodontic arch (2). A pivot is intended to cooperate with a fastener of a telescopic rod (6) such that the telescopic rod is rotatably fixed on the case by the pivot, so as to constitute a fixed case-pivot, where tooth fasteners are intended to cooperate with the orthodontic arch and the fixed case-pivot. The body includes an imprint to receive a maintenance tool to maintain a removable case-pivot (5). Independent claims are also included for the following: (1) an orthodontic equipment (2) a kit of tools for the identification and installation of an orthodontic equipment (3) a method for installation of an orthodontic equipment for mandibular propulsion.

Classifications:
International (IPC 8-9): A61C7/02 A61C7/28
A61C7/36 (Advanced/Invention)
CPC: A61C7/02 A61C7/282 A61C7/36



Family:

Publication number	Publication date	Application number	Application date
EP2676629 A1	20131225	EP20130305832	20130620
FR2992162 A1	20131227	FR20120055860	20120621
FR2992162 B1	20170616	FR20120055860	20120621

Priority:

FR20120055860 20120621

Probable Assignee: LAC BERIERE ARNAUD
Assignee(s): (std): LAC BERIERE ARNAUD
Assignee(s): ARNAUD LAC BERIERE
Inventor(s): (std): LAC BERIERE ARNAUD
Inventor(s): ARNAUD LAC BERIERE
Agent(s): POUPON MICHEL; CABINET MICHEL POUPON; CABINET BLEGER RHEIN POUPON
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: DEVICE FOR TREATING NIGHT TIME BREATHING PROBLEMS

Abstract: Device (1) for treating breathing problems, comprising a lower part (2) mountable on the lower jaw and an upper part (3) mountable on the upper jaw; and left and right coupling means (4) for coupling the lower part to the upper part close to the back teeth; wherein each of the left and right coupling means comprises an upper coupling element (6) connected to the upper part and a lower coupling element (5) connected to the lower part; which left and right coupling means are adapted to move the lower jaw forward in relation to the upper jaw, wherein the upper coupling element is provided with a stop (13) for co-action with a contact surface (12) of the lower coupling element.

Classifications:

International (IPC 8-9): A61F A61F5/56 (Advanced/Invention);

A61F5/56 (Core/Invention);

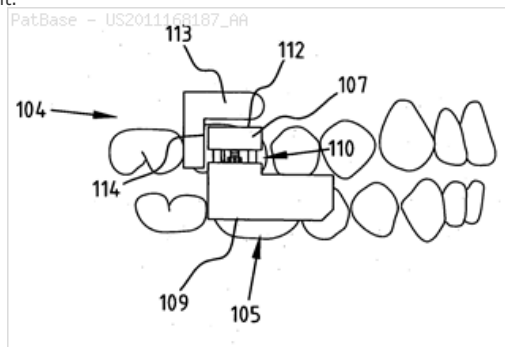
A61F (Subclass/Invention)

International (IPC 1-7): A61F5/56

CPC: A61F5/566

European: A61F5/56B

US: 128/848 128/859



Family:

Publication number	Publication date	Application number	Application date
AU2009267736 AA	20100114	AU20090267736	20090706
AU2009267736 BB	20140515	AU20090267736	20090706
BE1018209 AF	20100706	BE20080000374	20080707
BRPI0915476 A2	20160906	BR2009PI15476	20090706
CA2729913 AA	20100114	CA20092729913	20090706
CN102112072 A	20110629	CN200980130522	20090706
CN102112072 B	20130828	CN200980130522	20090706
EP2331036 A2	20110615	EP20090775649	20090706
IL210441 A0	20110331	IL20090210441	20090706
JP2011526821 T2	20111020	JP20110516929T	20090706
US2011168187 AA	20110714	US20090002499	20090706
US8517029 BB	20130827	US20090002499	20090706
WO10003198 A2	20100114	WO2009BE00037	20090706
WO10003198 A3	20100514	WO2009BE00037	20090706

Priority:

BE20080000374 20080707 WO2009BE00037 20090706

Probable Assignee: JOZEF NELISSEN

Assignee(s): (std): FRANS NELISSEN JOZEF ; JOZEF NELISSEN ; NELISSEN JOZEF ; NELISSEN JOZEF FRANS

Assignee(s): JOZEF FRANS NELISSEN

Inventor(s): (std): NELISSEN JOZEF FRANS ; FRANS NELISSEN JOZEF

Inventor(s): JOZEF FRANS NELISSEN

Agent(s): GOLJA HAINES AND FRIEND; GOWLING LAFLEUR HENDERSON LLP; D HALLEWEYN NELE VEERLE TREES GERTRUDIS; FUKAMI PATENT OFFICE PC; BOZICEVIC FIELD AND FRANCIS LLP; BRET E

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

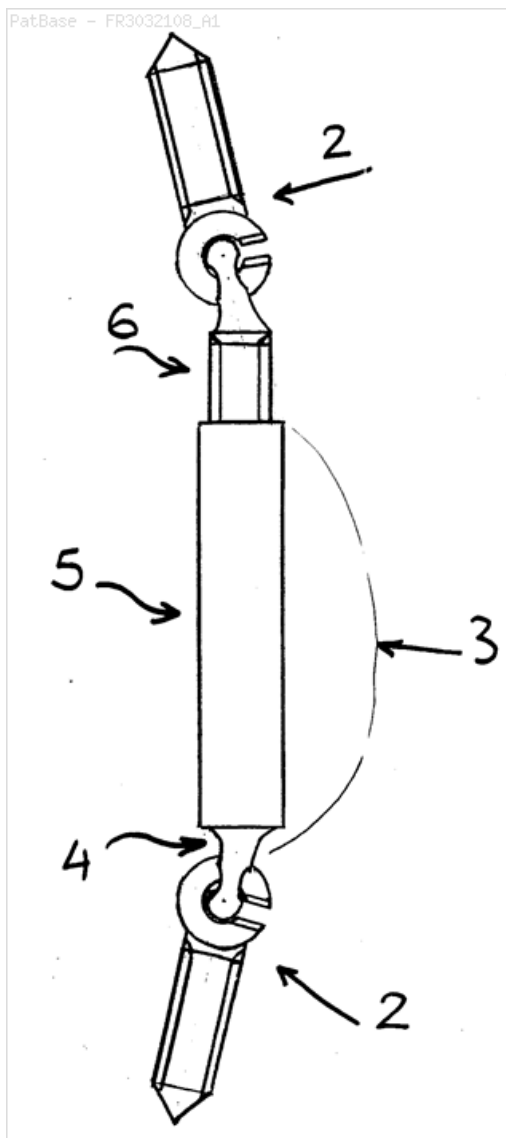
Title: BIELLES D'ACTIVATIONS, DES ORTHESES D'AVANCEES MANDIBULAIRES 3D, ASSOCIEES A LEURS POINTS D'ANCRAGES DENTAIRES INNOVANTS RODS FOR ACTIVATION, THE PROGRESS OF MANDIBULAR ORTHESES 3D ASSOCIATED WITH THEIR POINTS OF INNOVATIVE DENTAL ANCHORAGE (Machine translation)

Abstract: Source: FR3032108A [FR] L'invention concerne une bielle telescopique pour orthese d'avancee mandibulaire comprenant une premiere demie-biellette (3) assemblee par vissage dans une seconde demie-biellette (6) constituee d'un tube taraude (5) de maniere a former un ensemble telescopique rigide caracterisee en ce que chaque demie-biellette (3, 6) est equipee a une de ses extremites, d'un moyen d'ancrage forme d'un oeillet ouvert (2) cooperant avec un oeillet ferme (4) permettant une connexion et une deconnexion simple et rapide, sans instrument, exclusivement a la main. **Machine translation:** The invention relates to a telescopic rod for orthosis mandibular Advanced comprising a first half-rod (3) assembled by screwing in a second half-rod (6) constituted a nagging tube (5) so as to form a telescopic rigid assembly CHARACTERIZED in that each half-link (3, 6) is equipped at one of its ends, with an anchoring means forms an open eye (2) cooperating with a firm eye (4) for connection and disconnection fast and easy, without instrument, exclusively by hand.

Classifications:

International (IPC 8-9): A61C7/36 (Advanced/Invention)

CPC: A61F5/566



Family:

Publication number	Publication date	Application number	Application date
FR3032108 A1	20160805	FR20150000174	20150130

Priority:

FR20150000174 20150130

Probable Assignee:

MUSELET JEAN JACQUES

Assignee(s): (std):

MUSELET JEAN JACQUES

Assignee(s):

JEAN JACQUES MUSELET

Inventor(s): (std):

MUSELET JEAN JACQUES

Inventor(s):

JEAN JACQUES MUSELET

Agent(s):

JEAN JACQUES MUSELET