

Search history

Search 1: PD<20150302 and CPC=(A61C1/08*) (Results 4347)
Search 2: 1 AND (FT = guide NEAR implant*) (Results 313)
Search 3: 1 AND (FT = guide# NEAR implant*) (Results 385)
Search 4: 3 AND (FT = drill* OR mill*) (Results 363)
Search 5: 4 AND (FT = handle OR grip* OR (elongated NEAR (member OR element OR plate))) (Results 126)
Search 6: 5 AND (FT = (bush* OR sleeve) NEAR (guide# OR lead*)) (Results 50)

Title: SYSTEM FOR FIXING A DENTAL IMPLANT

Abstract: A **drilling** system includes a **drilling** jig which is used for a dental implant where the dental implant has a bore designed to received a clamp of the **drilling** jig. The bore enables the **drilling** jig to be guided for producing one or several lateral holes in the bone and for passing through one or several pins. The dental implant also includes a jig body accurately fixed on a positioning member integral with the dental implant, and an elongated part or socket which slides in the jig body to be urged in contact with the bone. A pin and pin holder cooperate with each other and the jig.

Classifications:

International (IPC 8-9): A61C1/08 A61C3/00

A61C8/00 (Advanced/Invention)

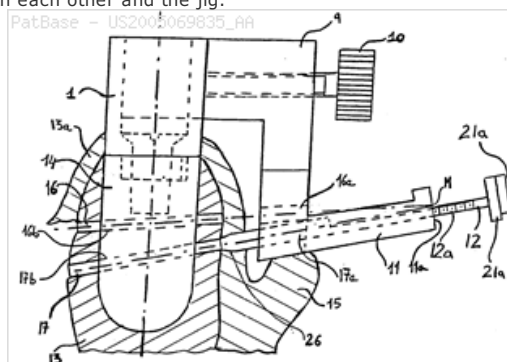
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A61F5/00

CPC: A61C1/084 A61C8/0009 A61C8/0089

European: A61C1/08F1 A61C8/00C2 A61C8/00T

US: 433/173 433/75 433/76 433/76P



Family:

Publication number	Publication date	Application number	Application date
AT374582 E	20071015	AT20000949563T	20000628
AU2000062881 A1	20010305	AU20000062881	20000628
AU2000062881 A5	20010305	AU20000062881D	20000628
DE60036620 D1	20071115	DE20006036620	20000628
DE60036620 T2	20080612	DE20006036620T	20000628
EP1200006 A1	20020502	EP20000949563	20000628
EP1200006 B1	20071003	EP20000949563	20000628
ES2293915 T3	20080401	ES20000949563T	20000628
FR2797171 A1	20010209	FR19990010375	19990806
FR2797171 B1	20020208	FR19990010375	19990806
US2005069835 AA	20050331	US20040991463	20041119
US6824384 BA	20041130	US20020048941	20020206
US7101181 BB	20060905	US20040991463	20041119
WO0110333 A1	20010215	WO2000FR01807	20000628

Priority:

FR19990010375 19990806 FR19999910375 19990806 US20000048941 20000628
 WO2000FR01807 20000628 US20020048941 20020206 US20040991463 20041119

Probable Assignee: HURE GUY

Assignee(s): (std): BOMPARD BRUNO ; BOMPARD BRUNO JACQUES HUBERT ; BOMPARD ELISABETH ; GUY HURE ; HURE GUY

Assignee(s): BRUNO BOMPARD ; ELISABETH BOMPARD

Inventor(s): (std): MARGUERITE BOMPARD ELISABETH C ; HURE GUY ; HUBERT BOMPARD BRUNO JACQUES ; BOMPARD ELISABETH CATHERINE MARGUERITE ; BOMPARD ELISABETH CATHERINE MA ; BOMPARD ELISABETH ; BOMPARD BRUNO JACQUES HUBERT ; BOMPARD BRUNO

Inventor(s): ELISABETH BOMPARD ; BRUNO BOMPARD

Agent(s): STITES AND HARBISON PLLC ; DOUGLAS E

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: USER REMOVABLE FASTENERS

Abstract: A removable orthodontic implant brackets for straightening teeth, wherein the implant is implanted into the palate roof of the mouth, includes a patient removable palate anchor connector as well as patient removable tooth connectors which attach the ends of palatal wires to tabs which are adhesively bonded to a tooth. Due to the geometries of the connectors, the connectors have low insertion and removal forces, positive locking of connected sections, and resist rotation in all planes. During removal, a captive actuator stud is simply pulled up or pressed down to deploy or retract the dual locking studs which operate in a plane orthogonal to the direction of movement.

Classifications:

International (IPC 8-9): A61B19/00 A61C1/08 A61C13/00
A61C13/08 A61C13/103 A61C19/04 A61C5/10 A61C5/77 A61C8/00
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A61B17/56 A61B17/86 A61C13/00 B33Y80/00 (Advanced/Non-invention);

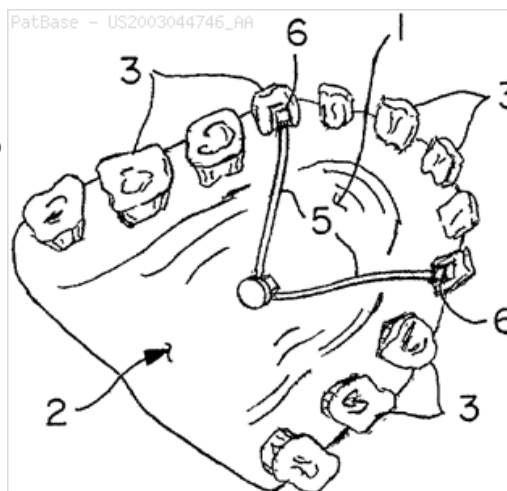
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A61C8/0001

European: A61C1/08F1 A61C8/00B A61C8/00W4 K61B17/86P
K61C13/00C1 K61C8/00W4

US: 128/898 128/898S 29/428 433/172 433/172S 433/173 433/173P
433/173S 433/174 433/174P 433/18 433/201.1 433/201.100S
433/213 433/213P 433/214 433/214P 433/221 433/221S 433/223
433/223S 433/45 433/45P 433/72 433/8 606/96 623/17.19 703/1
703/1S

**Family:**

Publication number	Publication date	Application number	Application date
AU2002329959 AA	20030310	AU20020329959	20020830
US2003044746 AA	20030306	US20020056100	20020124
US2003044749 AA	20030306	US20020232498	20020830
US2003044753 AA	20030306	US20020056101	20020124
US2006228674 AA	20061012	US20060449461	20060608
US2008124676 AA	20080529	US20070973747	20071010
US2011129800 AA	20110602	US20110931705	20110208
US2013203018 AA	20130808	US20130829330	20130314
US2013269165 AA	20131017	US20130827617	20130314
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US7281927 BB	20071016	US20060449461	20060608
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US8790408 BB	20140729	US20130827617	20130314
US9855122 BB	20180102	US20130829330	20130314
WO03017862 A2	20030306	WO2002US27990	20020830
WO03017862 A3	20031224	WO2002US27990	20020830

Priority:

US20010316832P 20010831	US20020056100 20020124	US20020056101 20020124
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Probable Assignee: MAROTTA LEONARD

Assignee(s): (std): MAROTTA LEONARD ; MIZZI JOHN

Assignee(s): CLM ANALOGS LLC

Inventor(s): (std): MIZZI JOHN ; MAROTTA LEONARD

Inventor(s): LEONARD MAROTTA

Agent(s): ALFRED M WALKER; ALFRED M; FRANK; MARK

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK
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SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: METHOD AND DEVICE FOR PLACING DENTAL IMPLANTS

Abstract: The invention relates to a method and device for placing implants (1) using a surgical template (11) which is made from tomographic cuts in the patient's jawbone (7). According to the invention, step **drills** (4) and calibrating **drills** (5), having a single standard diameter for each type of **implant** (1), are **guided** through **drill bushings** (18) which are inserted into bores (15) in the template (11) in order to produce any **drilling** sequence corresponding to an implant plan. The penetration depth of the **drills** (4, 5) is controlled by the height of the bores (15) or by the **drill** rings (21). The aforementioned template (11) bores (15) serve as a guide for the precise placement of the implants (1) owing to the adapted implant supports (3). Moreover, washers (23), which are mounted around the implant supports (3), limit compression in relation to the implants (1) while said implants are being placed (20). The above-mentioned characteristics serve to limit the required number of **drills** (4, 5) and implant supports (3) to the longest models only. The inventive method and device are particularly suitable for computer-assisted implantology systems.

Classifications:

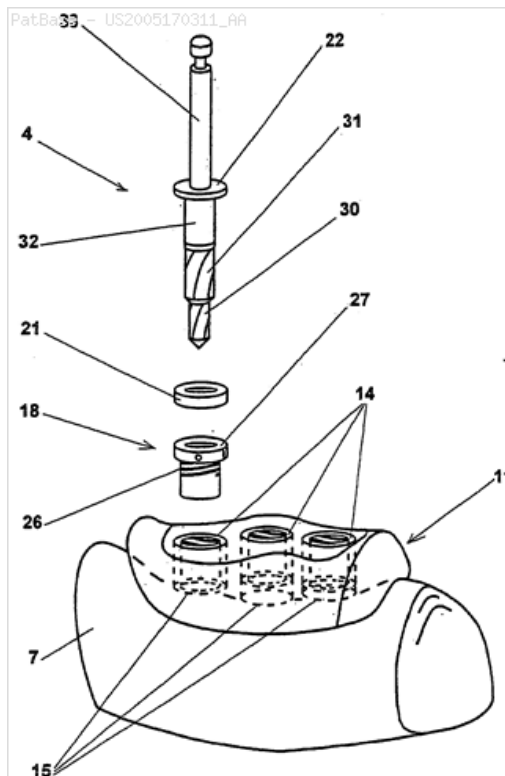
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International (IPC 1-7): A61C1/08 A61C19/04 A61C3/00 A61C3/02 A61C8/00

CPC: A61C1/084 A61C8/0089

European: A61C1/08F1 A61C8/00T

US: 433/141 433/144 433/173 433/174 433/174P 433/76 433/76S

**Family:**

Publication number	Publication date	Application number	Application date
AU2003229850 AA	20030909	AU20030229850	20030228
CA2477107 AA	20040827	CA20032477107	20030228
CA2477107 C	20120320	CA20032477107	20030228
EP1478298 A1	20041124	EP20030722685	20030228
EP1478298 B1	20161207	EP20030722685	20030228
FR2836372 A1	20030829	FR20020002587	20020228
FR2836372 B1	20040604	FR20020002587	20020228
JP2005518834 T2	20050630	JP20030570720T	20030228
JP4395375 B2	20100106	JP20030570720T	20030228
KR100963365 B1	20100614	KR20047013405	20030228
KR20040101247 A	20041202	KR20047013405	20030228
US2005170311 AA	20050804	US20050505846	20050328
US2010009314 AA	20100114	US20090421919	20090410
US2011275032 AA	20111110	US20110188577	20110722
WO03071972 A1	20030904	WO2003FR00667	20030228

Priority:

FR20020002587 20020228 WO2003FR00667 20030228 US20050505846 20050328
 US20090421919 20090410 US20110188577 20110722

Probable Assignee: MATERIALISE DENTAL NV

Assignee(s): (std): DENTSPLY IMPLANTS NV ; OBL ; TARDIEU PHILIPPE ; VRIELINCK LUC ; MATERIALISE NV

Assignee(s): MATERIALISE NVTECHNOLOGIELAAN 15B-3001LEUVENBE ; DENTSPLY IMPLANTS NV15 TECHNOLOGIELAAN3001LEUVENDE ; MATERIALISE N V ; MATERIALISE DENTAL N V ; MATERIALISE DENTAL NV ; MATERIALISE DENTAL NVTECHNOLOGIELAAN 15B-3001HEVERLEE

Inventor(s): (std): LUC VRIELINCK ; PHILIPPE TARDIEU ; TARDIEU PHILIPPE ; VRIELINCK LUC

Inventor(s): TARDIEU PHILIPPEFR ; VRIELINCK LUCBE

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

Title: IMPLANT PLACEMENT LOCATOR INSTRUMENT

Abstract: An implant placement locator instrument includes an **elongated handle member** that has a first end and a second end, at least one of the first end and the second end being an operative end. The operative end includes a base having a footprint of an implant post. The base has a hollow center, and the hollow center is adapted to hold a punch. There is a punch located on the instrument at the operative end and inside the hollow center of the base, the punch having a pointed tip for piercing bone. The punch may be one end of the **handle**, and has a first position relative to the base, being a retracted position wherein it is retracted within the hollow center, and has a second position relative to the base, being an extended, piercing position wherein it is at least partially extended out of the hollow center. There is a spring connected to the base and the punch so as to enhance movement of the punch from one of its first position and second position to the other of its first position and second position.

Classifications:

International (IPC 8-9): A61B17/16 A61B17/58 A61C1/08 A61C3/02 A61C8/00 A61F2/38 (Advanced/Invention); A61B19/00 (Advanced/Non-invention); A61B17/16 A61B17/58 A61C1/08 A61C3/02 A61C8/00 A61F2/38 (Core/Invention); A61B19/00 (Core/Non-invention)

International (IPC 1-7): A61C3/02 A61C8/00 A61F2/38

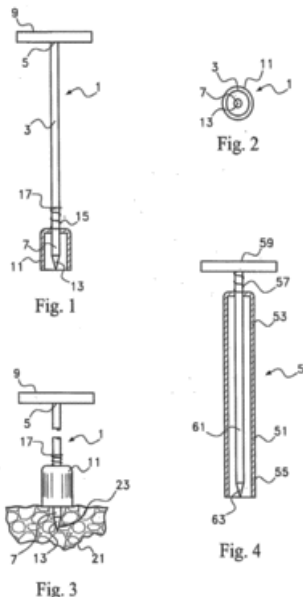
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European: A61B17/16C A61C1/08F1 A61C8/00T K61B19/54B6

US: 433/144 433/144S 433/173 433/173S 606/99 606/99P

PatBase - US2005245940_AA

Patent Application Publication Nov. 3, 2005 Sheet 1 of 4 US 2005/0245940 A1

**Family:**

Publication number	Publication date	Application number	Application date
US2005245940 AA	20051103	US20040833853	20040428
US7594918 BB	20090929	US20040833853	20040428

Priority:

US20040833853 20040428

Probable Assignee: BROCK DAVID L**Assignee(s):** (std): BROCK DAVID L**Inventor(s):** (std): BROCK DAVID L**Inventor(s):** BROCK DAVID**Agent(s):** KENNETH PGLYNN ESQ GLYNN AND ASSOCIATES PC; KENNETH P

Title: SPACER FOR AN IMPLANTOLOGICAL GUIDING DEVICE AND IMPLANTOLOGICAL GUIDING DEVICE

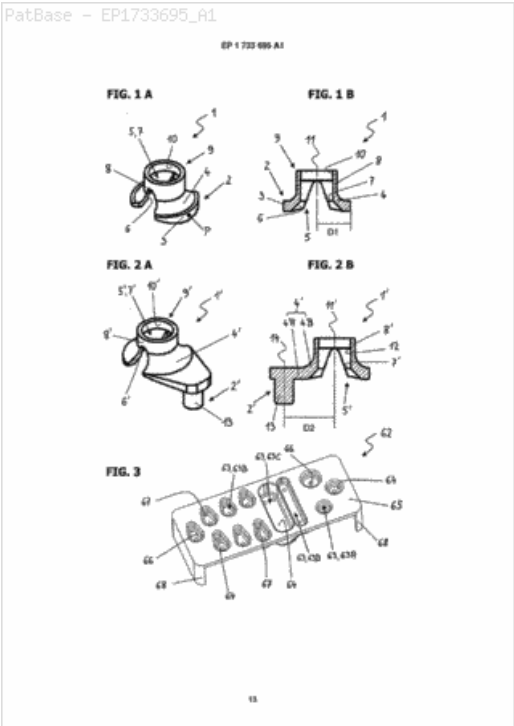
Abstract: The distance between a positioning segment (2,13) and a support area (5,7) for the drilling tool is a function of the dimension of the diameters of the implants to be installed and the biological distance between the teeth. The drill guiding device is connected to the distance determining element (1) and comprises a guiding sleeve, guiding pins, a sliding sleeve and a tool insertion unit. The tool set is assembled of the distance determining element (1), and an auxiliary device for selecting the appropriate element (1).

Classifications:

International (IPC 8-9): A61B17/17 A61C1/08 (Advanced/Invention); A61B17/16 A61C1/08 (Core/Invention)

CPC: A61B17/176 A61B50/20 A61B50/33 A61B2050/3008 A61C1/084

European: A61B17/17S6 A61C1/08F1 K61B19/02H K61B19/02P22 K61B19/02P6



Family:

Publication number	Publication date	Application number	Application date
EP1733695 A1	20061220	EP20050012988	20050616

Priority:

EP20050012988 20050616

Probable Assignee: W AND H DENTALWERK BUERMOOS GMBH

Assignee(s): (std): W AND H DENTALWERK BUERMOOS GMBH

Inventor(s): (std): BRANDNER JUERGEN ; LETTE ANDREAS

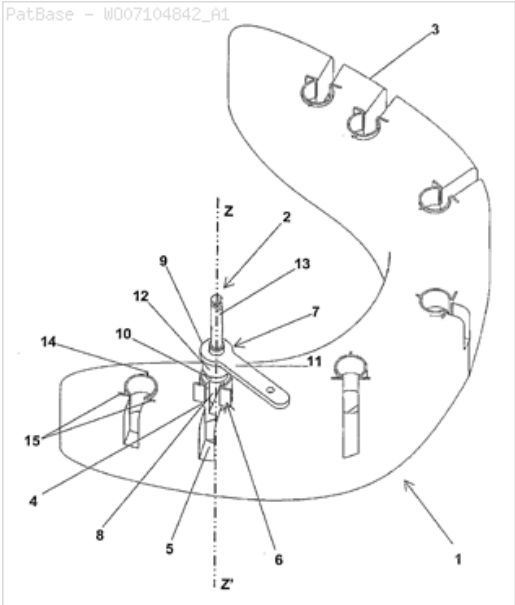
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

Title: DEVICE FOR GUIDING AN IMPLANT DRILL, AND METHOD FOR FITTING AN AXIAL IMPLANT USING THIS DEVICE

Abstract: The surgical implant guide (2) is placed astride a maxillary or mandibular arch. It comprises drill-bush holders (6) arranged in bores (4) of a template (3). Drill bushes (7), able to axially guide a drill (2), are inserted in the drill-bush holders (6). Each drill-bush holder (6) has the general shape of a ring (6) with a slit (8) opposite a notch (5) of the template (3). The width of the slit (8) and the width of the notch (5) are considerably less than the transverse dimension of the ring (6), while at the same time being greater than the diameter of the drill (2) or, alternatively, than the diameter of the implant that is to be fitted. The ring is alternatively provided with a rib (14) and/or with wings (15) on the edges of the slit (8). Application for guiding the drilling operation and for screwing in long axial implants in the sectors of the oral cavity where the axial clearance is limited, especially in the posterior sectors.

Classifications:

International (IPC 8-9): A61C1/08 A61C8/00 (Advanced/Invention);
A61C1/08 A61C8/00 (Core/Invention)
CPC: A61C1/084 A61C8/001
European: A61C1/08F1 K61C8/00D



Family:

Publication number	Publication date	Application number	Application date
FR2898485 A1	20070921	FR20060002269	20060315
FR2898485 B1	20080530	FR20060002269	20060315
WO07104842 A1	20070920	WO2007FR00274	20070215

Priority:

FR20060002269 20060315

Probable Assignee: OBL SA

Assignee(s): (std): CAILLON PIERRE ; OBL ; OBL SA

Assignee(s): OBL SOCIETE ANONYME

Inventor(s): (std): CAILLON PIERRE

Inventor(s): PIERRE CAILLON

Agent(s): DEGRET

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 GT HW 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 MG MK ML MN MR 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: **DRILL** GUIDE HAVING A LIMIT STOP

Abstract: The present invention relates to a **drill** guide (1) for use in the dental field. It comprises a **grip** (5) and at least two **guide sleeves** (10) arranged on the **grip**, the **grip** (5) having a top face (25) and an underside (30) and the underside (30) of the **grip** being intended to bear at least partially on a **drill** jig. The at least two **guide sleeves** (10) protrude from the underside (30) of the **grip**, and at least one limit stop (55), which is an axial continuation of one of the at least two **guide sleeves** (10), protrudes from the top face (25) of the **grip**.

Classifications:

International (IPC 8-9): A61B17/56 A61C1/08

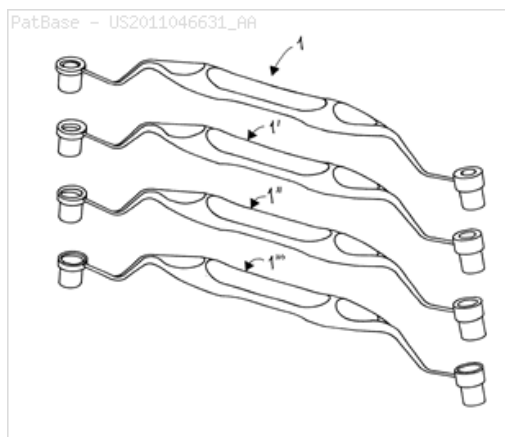
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A61C1/08 A61C8/00 (Core/Invention)

CPC: A61C1/084 A61C3/00 A61C8/0089

European: A61C1/08F1 A61C8/00T K61C3/00

US: 606/96 606/96P



Family:

Publication number	Publication date	Application number	Application date
AU2008290807 AA	20090226	AU20080290807	20080820
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BRPI0815672 A2	20150218	BR2008PI15672	20080820
CA2696707 AA	20090226	CA20082696707	20080820
CN101835438 A	20100915	CN200880112579	20080820
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DE502008013327 D1	20151015	DE200850013327T	20080703
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EP2027829 A1	20090225	EP20080011996	20080703
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EP2397103 B1	20130213	EP20110006941	20070822
ES2548761 T3	20151020	ES20080011996T	20080703
US2011046631 AA	20110224	US20080674035	20080820
US2011082461 AA	20110407	US20080673257	20080818
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Priority:

EP20070016398 20070822 EP20110006941 20070822 EP20080011996 20080703
 WO2008EP06760 20080818 WO2008EP06823 20080820

Probable Assignee: STRAUMANN HOLDING AG

Assignee(s): (std): KUEHNE STEFFEN ; STRAUMANN HOLDING AG ; STREFF PATRICK ; SUTER EDMUND

Inventor(s): (std): EDMUND SUTER ; KUEHNE STEFFEN ; KUHNE STEFFEN ; PATRICK STREFF ; STEFFEN KUEHNE ; STREFF PATRICK ; SUTER EDMUND

Inventor(s): STEFFEN KUHNE

Agent(s): SPRUSON AND FERGUSON; SCHIEBER FARAGO; SCHAAD BALASS MENZL AND PARTNER AG;
 HOFFMANN CORNELIA; DE ELZABURU ALBERTO; RISSMAN HENDRICKS AND OLIVERIO LLP

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 CM CN CO CR CU
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Title: METHOD AND SYSTEM FOR PLANNING A MEDICAL PROCEDURE AND GENERATING DATA RELATED TO SAID MEDICAL PROCEDURE

Abstract: A computer-implemented method comprising virtual planning a medical procedure of a patient and/or generating data based on said virtual planning for subsequent use in production of a medical product devised for use in said medical procedure. The method comprises variation simulating a virtual assembly process of the medical procedure. In this manner robustness of the medical procedure is improved.

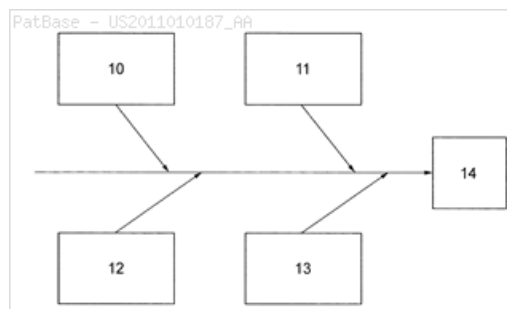
Classifications:

International (IPC 8-9): A61B17/56 A61B19/00 A61C1/08
A61C19/06 A61C8/00 G06Q50/00 G06Q50/22 (Advanced/Invention);
A61B19/00 A61C1/08 (Core/Invention)

CPC: A61B34/10 A61C1/084 G06Q50/22 G06F19/00

European: A61C1/08F1 G06Q50/22 K61B19/50

US: 705/2 705/2P



Family:

Publication number	Publication date	Application number	Application date
EP2200530 A2	20100630	EP20080802029	20080912
JP2011501982 T2	20110120	JP20100524400T	20080912
US2011010187 AA	20110113	US20080678137	20080912
WO09033677 A2	20090319	WO2008EP07469	20080912
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Priority:

SE20070002025 20070912

SE20070020258 20070912

WO2008EP07469 20080912

Probable Assignee: NOBEL BIOCARE SERVICES AG

Assignee(s): (std): ANDERSSON MATTS ; KERO TIMO ; NOBEL BIOCARE SERVICES AG ; ODHE LINA

Inventor(s): (std): ANDERSSON MATTS ; KERO TIMO ; ODHE LINA

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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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: ASSISTED DENTAL IMPLANT TREATMENT

Abstract: Embodiments of systems and methods for planning and/or delivering an oral or facial endosseous implantation in a patient are described. In certain embodiments, systems according to the invention include a processing module; a bone imaging module that communicates bone data about the patient to the processing module; a surface imaging module that communicates surface data about the patient to the processing module; and the processing module processes the bone data and the surface data into an output that includes three-dimensional (3-D) representation data indicative of at least one of an oral structure and a facial structure of the patient. In certain embodiments, a system includes a fabrication module that produces a physical model based on the 3-D representation data and indicating a planned location of an endosseous implant. In certain embodiments, a system includes a surgical module that **guides implantation** of an endosseous **implant** based on the 3-D representation data.

Classifications:

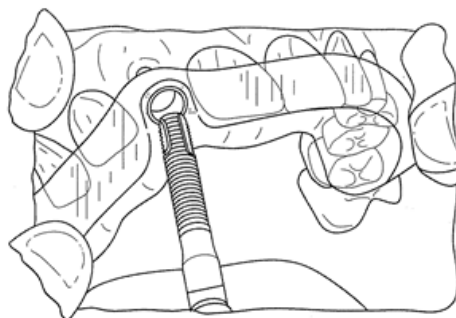
International (IPC 8-9): A61B1/24 A61B6/03 A61B6/14 A61B8/08 A61C1/08 A61C13/00 A61C13/34 A61C19/04 A61C5/00 A61C8/00 A61C9/00 G05B19/4099 G06F17/50 (Advanced/Invention); A61C9/00 (Advanced/Non-invention); A61C8/00 (Core/Invention)

CPC: A61C9/0053 A61C9/0086 A61C13/34 A61B6/14 A61B6/03 A61B1/24 G05B19/4099 G05B2219/49023 A61C1/084 A61C9/0046 A61B8/0875 A61C13/0004

European: A61C1/08F1 K61C9/00E

US: 1/1 433/173 433/173P 433/173S 433/213 433/213S 433/215 433/215P 433/215S 433/29 433/29P 433/72 433/72S 433/75 700/118 700/98 700/98P

PatBase - US2009092948_AA

**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

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US20110096608 20110428	WO2011US38430 20110527	US20110168285 20110624
US20120356922 20120124	US20160045096 20160216	

Probable Assignee: CYBER IMPLANTS

Assignee(s): (std): CYBER IMPLANTS LLC ; GANTES BERNARD

Assignee(s): CYBER IMPLANTS

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Title: METHOD FOR PRODUCING A TREATMENT JIG

Abstract: Process for manufacturing a treatment template, in particular a **drilling** template **7**, which is used for pinpoint guidance of an instrument in the oral cavity of a patient, whereby the treatment template is secured in a detachable manner during an operative intervention in the jaw area of the patient in defined position,

- whereby in the jaw area, a holder is anchored especially by implantation for detachable fastening of the treatment template **7**,
- whereby the holder has marker structures **1a** that put up a three-dimensional coordinate system and that can be shown by an imaging process together with the anatomy of the patient,
- whereby a set of three-dimensional image data of the jaw area **2** that is equipped with a holder is recorded,
- in that based on the image data, the planning of the implants and the planning of the treatment template **7** that is to be secured in a defined manner to the holder is done, whereby the plans relate to the coordinate system that is put up by the marker structures **1a**.

Classifications:

International (IPC 8-9): A61C1/08 A61C19/00 A61C19/04

A61C19/06 A61C3/00 A61C3/04 A61C7/00

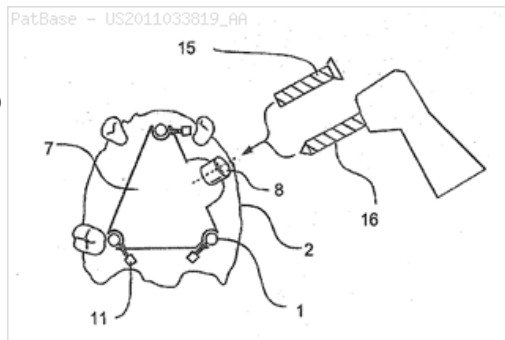
A61C8/00 (Advanced/Invention);

A61C1/08 A61C19/04 A61C3/00 A61C7/00 A61C8/00 (Core/Invention)

CPC: A61C1/084

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Family:

Publication number	Publication date	Application number	Application date
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WO09056397 A1	20090507	WO2008EP62439	20080918

Priority:

DE200710052389 20071031 WO2008EP62439 20080918

Probable Assignee: SICAT GMBH AND CO KG

Assignee(s): (std): FREYER DIRK ; SICAT GMBH AND CO KG ; ZUENDORF GERHARD

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Inventor(s): (std): FREYER DIRK ; ZUENDORF GERHARD

Agent(s): BRAUN DULLAEUS KARL ULRICH; MILLEN WHITE ZELANO AND BRANIGAN PC

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