

Search history

Search 1: STAC=(scanbody and implant and dental) and PD<20150731 and IC=(A61C8/00) (Results 4)

Search 2: STAC=(implant and dental and (taper or tapered)) and PD<20150731 and IC=(A61C8/00) (Results 763)

Search 3: STAC=(implant and dental and (taper or tapered) and screw) and PD<20150731 and IC=(A61C8/00) (Results 364)

Search 4: STAC=(implant and dental and (taper or tapered) and screw and thre*) and PD<20150731 and IC=(A61C8/00) (Results 295)

Search 5: STAC=(implant and dental and (taper or tapered) and screw and thre* and morse) and PD<20150731 and IC=(A61C8/00) (Results 19)

Title: DENTAL IMPLANT FOR BONE COLLECTION AND DISTRIBUTION

Abstract: The present invention relates to endosseous implants and in particular, to screw form dental implants for implanting within bone. The bone implant is configured to be a self-drilling bone implant that is adept at condensing, collecting and distributing bone along all of the implant's surface and within the implantation site, to significantly increase the bone implant contact surface. The implant is configured to have a coronal portion and a body portion that are continuous with one another. The coronal portion is configured to have a smaller overall diameter than the overall diameter of said body portion. The body portion is fit with threading that facilitates the self-drilling and bone collection properties when the implant is rotated in both the clockwise and counterclockwise directions.

Classifications:

International (IPC 8-9): A61C3/00 A61C8/00

A61F (Advanced/Invention);

A61F (Subclass/Invention)

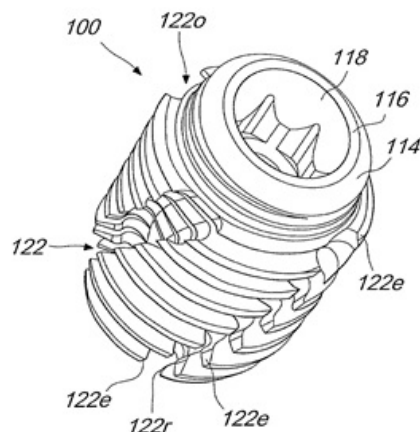
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A61C8/008 A61C8/0089

US: 433/174

PatBase - US2017071702_AA



Family:

Publication number	Publication date	Application number	Application date
BR112016018008 A2	20170808	BR20161118008	20150205
CN106456289 A	20170222	CN201580018390	20150205
EP3102145 A1	20161214	EP20150746722	20150205
EP3102145 A4	20180404	EP20150746722	20150205
IL230833 A0	20140930	IL20140230833	20140205
JP2017507707 T2	20170323	JP20160550766T	20150205
KR20160124790 A	20161028	KR20167024410	20150205
US2017071702 AA	20170316	US20150116948	20150205
WO15118543 A1	20150813	WO2015IL50139	20150205

Priority:

IL20140230833 20140205 US20150100863P 20150107 WO2015IL50139 20150205
US20150116948 20150205

Probable Assignee: OPHIR FROMOVICH

Assignee(s): (std): FROMOVICH OPHIR ; OPHIR FROMOVICH

Inventor(s): (std): FROMOVICH ; FROMOVICH OPHIR

Inventor(s): OPHIR FROMOVICH

Agent(s): MODIANO GABRIELLA DIANA; SAMEJIMA MUTSUMI; HUKUMASA MITUO; SOLOMON OZ

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: SYSTEM OF COMPENSATORY SLANTED COPINGS, CONVERTERS AND EXTENDERS AND ABUTMENTS OF UNIVERSAL COUPLING OVER OSSEOINTEGRATED **IMPLANTS**

Abstract: The present invention refers to a system of prosthetic components consisting of Compensatory Slanted Copings and Abutments of Universal Coupling that function as a set of coupled parts that allow corrections of slants that vary between 0° and 60°, of fixing osseointegrated **implants**, including zygomatic fixations, and it provides a cap, molding transferer and **screws** for fastening and locking. This system of copings and abutments provides properties of conversion and extension of the **implants**. Its shape provides better occlusal stability and favorable biomechanics, since the forces are better distributed, diminishing the concentration of tension on the fitting platform of the **implant**, as well as the **screws**. The abutments of the universal coupling can be readjusted and be cemented or **screwed**. In the present system, the superior platform of the coping and the inferior base of the abutment are universalized, since the inferior platform of the coping corrects the slant of the **implant**. It has **screws** for fastening and for locking of the coping/abutment set. The characteristics of this system provide great versatility, which allows it to be used in various areas of medicine.

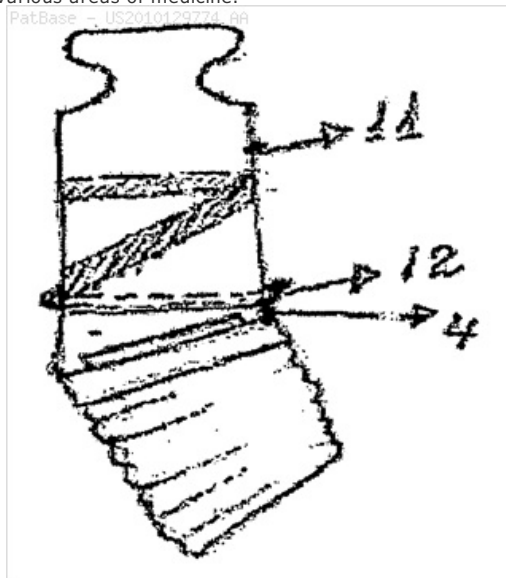
Classifications:

International (IPC 8-9): A61C13/00 A61C8/00 (Advanced/Invention); A61C13/00 A61C8/00 (Core/Invention)

CPC: A61C8/005 A61C8/0034 A61C8/0053 A61C8/006 A61C8/0068 A61C8/0071

European: A61C8/00F8 A61C8/00G1 A61C8/00G1B K61C8/00G1H K61C8/00G1S K61C8/00G1T1

US: 433/201.1 433/201.100P



Family:

Publication number	Publication date	Application number	Application date
BRPI0705570 A2	20090120	BR2007PI05570	20070524
CA2688127 AA	20091123	CA20072688127	20071017
CA2688127 C	20160621	CA20072688127	20071017
EP2150197 A1	20100210	EP20070815717	20071017
US2010129774 AA	20100527	US20070601659	20071017
US9603678 BB	20170328	US20070601659	20071017
WO08141404 A1	20081127	WO2007BR00276	20071017
WO08141404 A8	20090507	WO2007BR00276	20071017

Priority:

BR2007PI05570 20070524 WO2007BR00276 20071017

Probable Assignee: ITP INSTITUTO DE TECNOLOGIA E PESQUISA LTDA

Assignee(s): (std): COLEPICOLO LUCIANA SILVA ; FRAGA DE RESENDE CHAVES BRANCA ; ITP INST DE TECNOLOGIA E PESQU ; ITP INST DE TECNOLOGIA E PESQUISA LTDA ; ITP INSTITUTO DE TECNOLOGIA E PESQUISA LTDA ; SILVACOLEPICOLO LUCIANA ; MOURAO MARTINEZ MARIA AUXILIADORA ; MOURAO MARTINEZ MARIA AUXILIAD ; MARTINEZ MARIA AUXILIADORA MOURAO ; SILVA COLEPICOLO LUCIANA

Inventor(s): (std): COLEPICOLO LUCIANA SILVA ; DE RESENDE CHAVES BRANCA FRAGA ; MAOURAO MARTINEZ MARIA AUXILIADORA ; MARTINEZ MARIA AUXILIADORA MOURAO ; SILVACOLEPICOLO LUCIANA ; MOURAO MARTINEZ MARIA AUXILIADORA ; FRAGA DE RESENDE CHAVES BRANCA ; SILVA COLEPICOLO LUCIANA

Inventor(s): MARIA AUXILIADORA MOURAO MARTINEZ ; LUCIANA SILVA COLEPICOLO ; BRANCA FRAGA DE RESENDE CHAVES

Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP; BURT MATTHEW THOMAS; ALSTON AND BIRD LLP; REMENICK PLLC; DANNEMANN SIEMSEN BIGLER AND IPANEMA MOREIRA

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: ELECTRO-MAGNETIC CELLULAR TREATMENT

Abstract: The invention relates to a method of increasing organic cell regeneration in a region of a subject. Cellular tissue in the region is subjected to a constant electromagnetic (EM) field of less than 1 mT and having a radiation frequency between 7 Hz and 8 Hz with an EM field generating device. If the subject region is dehydrated or includes unregulated minerals apt to disturb the resonance of water subjected to the EM field, a resonance medium is located substantially at or adjacent the region, wherein the resonance medium comprises a composition which is adapted to resonate at the frequency of an electromagnetic field. The composition is a biologically active composition containing at least one hydrated mineral, wherein the mineral is hydrated by regulated water maintained in a constant spatial structure or by regulated water incorporated in a non-destructible matrix. A corresponding system and resonance medium are also disclosed.

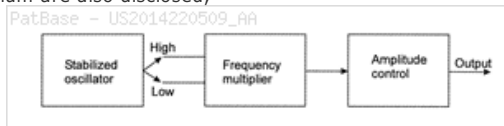
Classifications:

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CPC: A61C8/0006 A61C8/0012 A61C8/0018 A61C8/0068 A61C8/0028 A61C8/0007 A61N2/002 A61K6/0008 A61K6/0067 A61M2037/0007 A61C8/0022 A61C8/0071 A61M2202/066 A61N2/004 A61N2/02

European: A61N2/00T A61N2/02 K61N2/02

US: 433/174 433/29 600/12 600/13 600/9

**Family:**

Publication number	Publication date	Application number	Application date
AU2011354111 AA	20120712	AU20110354111	20111025
BR102013009866 A2	20151020	BR20131009866	20130422
CA2815805 AA	20130424	CA20112815805	20111025
CO6690806 A2	20130617	CO20130102255	20130422
EP2632547 A2	20130904	EP20110805584	20111025
KR20140005162 A	20140114	KR20137013500	20111025
RO126272 A0	20110530	RO20100001010	20101025
RO129758 A2	20140930	RO20110000444	20110509
RO130214 A2	20150529	RO20130000324	20120712
RO130214 B1	20160530	RO20130000324	20120712
RU2013123697 A	20141210	RU20130123697	20111025
US2014220509 AA	20140807	US20110881627	20111025
US2015150653 AA	20150604	US20140538260	20141111
US2017007373 AA	20170112	US20160093639	20160407
WO12093277 A2	20120712	WO20111B02804	20111025
WO12093277 A3	20121101	WO20111B02804	20111025
WO12165987 A2	20121206	WO2011R000004	20110203
WO12165987 A3	20130404	WO2011R000004	20110203
WO12169919 A2	20121213	WO2011R000019	20110718

Priority:

RO20100001010	20101025	WO2011R000004	20110203	RO20110000444	20110509
WO2011R000019	20110718	WO2011B02804	20111025	RO20130000324	20120712
CO20130102255	20130422	US20130881627	20130425	US20140538260	20141111
US20160093639	20160407				

Probable Assignee: VLADILA BOGDAN

Assignee(s): (std): VL AND ABREVE DIL AND ABREVE BOGDAN CONSTANTIN ; VL DIL BOGDAN CONSTANTIN ; VLADILA BOGDAN CONSTANTIN ; VLADILA BOGDAN ; VLADILA CONSTANTIN ; VLADILA CONSTANTIN BOGDAN

Assignee(s): BOGDAN CONSTANTIN VLADILA ; CONSTANTIN BOGDAN VLADILA ; CONSTANTIN VLADILA

Inventor(s): (std): VL AND ABREVE DIL AND ABREVE BOGDAN CONSTANTIN ; VLADILA BOGDAN CONSTANTIN ; VLADILA CONSTANTIN ; VLADILA CONSTANTIN BOGDAN ; VL DIL BOGDAN CONSTANTIN

Inventor(s): CONSTANTIN VLADILA ; CONSTANTIN BOGDAN VLADILA

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RIDOUT AND MAYBEE LLP; CAROLINA VERA MATIZ; ENESCU LUCIAN; FRANKS AND CO LIMITED; ANDRONACHE PAUL

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 QA RO RS RU RW 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: **DENTAL IMPLANT**

Abstract: The invention relates to a **dental implant** of the type comprising an anchoring base (1) having the shape of a **screw** provided with a blind bore and a support pillar (2) for supporting a prosthetic tooth, said **implant** and said pillar being provided with complementary connection means comprising an indexing system, the components of which can be assembled by joining or plugging together the male element of said indexing system, formed by the distal end or base of the prosthetic end or pillar (2) and comprising at least two radial branches (11) that are equally interspaced at an angle, and the print forming the female element of said indexing device, created in the bore of the anchoring base (1) and being provided with a number of lobes or notches arranged at an equal distance from each other, said number being formed by a multiple of the number of radial branches (11) of said male element (2). The invention is characterised by the combination of said indexing device (10-12) with a connection system according to which the cooperating end parts of the pillar (2) and the implantation base (1) are arranged in such a way as to enable a nesting connection of the pillar (2) and the implantation (1) base by means of a **morse-taper**-type connection system.

Classifications:

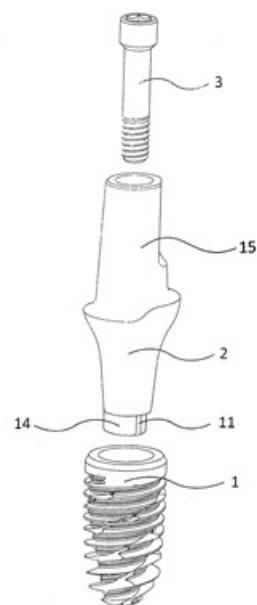
International (IPC 8-9): A61C A61C8/00 (Advanced/Invention)

CPC: A61C8/005 A61C8/006 A61C8/0066 A61C8/0068 A61C8/0069 A61C8/0071 A61C8/0077 F04C2270/0421

European: A61C8/00G1 A61C8/00G1H A61C8/00G1P A61C8/00G1S A61C8/00G1T A61C8/00G3

PatBase - WO12123654_A1

Figure 1



Family:

Publication number	Publication date	Application number	Application date
CN103458819 A	20131218	CN201280013391	20120315
DE602012006335 D1	20150513	DE201260006335T	20120315
EP2685929 A1	20140122	EP20120714740	20120315
EP2685929 B1	20150401	EP20120714740	20120315
ES2541027 T3	20150715	ES20120714740T	20120315
FR2972625 A1	20120921	FR20110000769	20110315
FR2972625 B1	20140228	FR20110000769	20110315
HK1190598 A1	20140711	HK20140103810	20140422
PT2685929 T	20150803	PT20120714740T	20120315
RU2013145874 A	20150420	RU20130145874	20120315
RU2567832 C2	20151110	RU20130145874	20120315
TR201507538 T4	20150721	TR20150007538T	20120315
WO12123654 A1	20120920	WO2012FR00093	20120315

Priority:

FR20110000769 20110315 EP20120714740 20120315 WO2012FR00093 20120315

Probable Assignee: BIOTECH DENTAL

Assignee(s): (std): BIOTECH DENTAL ; BIOTECH INT ; BIOTECH INT SAS ; BIOTECH INTERNAT ; BREYSSE PASCAL ; BIOTEK DENTAL

Assignee(s): BIOTECH INTERNATIONAL

Inventor(s): (std): BREYSSE PASCAL ; BREJSS PASKAL

Inventor(s): PASCAL BREYSSE

Agent(s): PATENTANWAELTE STAEGER AND SPERLING PARTNERSCHAFTSGESELLSCHAFT MBB; MAREK PIERRE; SUGRANES PEDRO; CABINET MAREK; ZHONGZI IP; EMIN KORHAN DERICIOGLU

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 QA RO RS RU RW 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: **DENTAL IMPLANT** SYSTEM AND METHOD THEREOF

Abstract: A **dental implant** system comprising an **implant** member, an abutment member and a transfer key with cooperatively engaging structures for ensuring proper alignment and orientation of an abutment assembled on the **implant** member and for preparing an accurate **dental** impression and mold which represents the implantation site and its relationship to adjacent teeth structures. A **dental** reconstruction method utilizing the **dental implant** system of the present invention is also disclosed.

Classifications:

International (IPC 8-9): A61C13/225 A61C13/38 A61C3/00

A61C8/00 (Advanced/Invention);

A61C3/00 A61C8/00 (Core/Invention)

International (IPC 1-7): A61C8/00

CPC: A61C8/0059 A61C8/0071 A61C8/0001 A61C8/0018

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European: A61C8/00B A61C8/00F A61C8/00F2 A61C8/00G

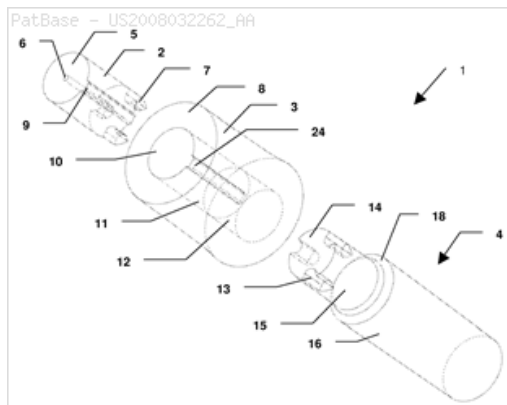
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US: 433/141 433/141S 433/172 433/173 433/173P 433/174

433/174P



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Publication number	Publication date	Application number	Application date
AU2007281254 AA	20080207	AU20070281254	20070731
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EP2046238 B1	20150617	EP20070799937	20070731
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US2008254411 AA	20081016	US20070092900	20070731
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US8734155 BB	20140527	US20130900888	20130523
WO08016917 A2	20080207	WO2007US74847	20070731
WO08016917 A3	20090402	WO2007US74847	20070731

Priority:

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Probable Assignee: BONDAR VITALI

Assignee(s): (std): BONDAR VITALI ; VITALI BONDAR

Inventor(s): (std): BONDAR VITALI ; VITALI BONDAR

Inventor(s): BONDAR VITALI PORTSMOUTH

Agent(s): FB RICE; FB RICE PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; HOCKING ADRIAN NIALI; NOTARO AND MICHALOS; NOTARO MICHALOS AND ZACCARIA P C; NOTARO MICHALOS AND ZACCARIA PC; MICHALOS PETER C ET AL

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: SECURING MECHANISM WITH DUAL EXPANDABLE ENDS

Abstract: The present invention relates generally to medical/dental devices for fixing bone fractures, anchoring of bones, or anchoring of prosthetics to bones. The device generally relates to molly bolts, expandable screws, or devices/screws with expansion or locking mechanisms. More particularly, the present invention concerns an implant assembly which includes a tubular body portion that can be positively secured within a bore in a bone or prosthetic by expander mechanism at both ends of the tubular body portion.

Classifications:

International (IPC 8-9): A61B17/04 A61B17/56 A61B17/86

A61C8/00 A61F2/08 (Advanced/Invention);

A61B17/56 (Core/Invention)

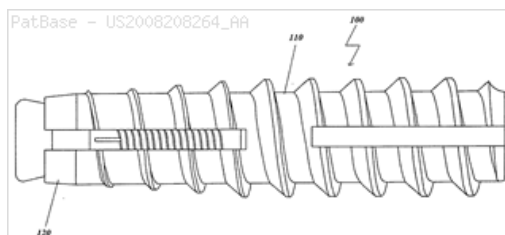
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European: A61B17/86B A61B17/86P A61C8/00F2 A61C8/00F7

A61C8/00G1H A61C8/00G1S A61C8/00G1T1 K61B17/86L

US: 1/1 433/173 433/173P 433/173S 433/174 433/174P 606/305 606/305S 606/309 606/309S 606/310 606/310P 606/313 606/315 606/326



Family:

Publication number	Publication date	Application number	Application date
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US2012058451 AA	20120308	US20110298748	20111117
US2012064487 AA	20120315	US20110298730	20111117
US2012064488 AA	20120315	US20110298744	20111117
US8696720 BB	20140415	US20110298730	20111117
US8828066 BB	20140909	US20080012278	20080201
US9055985 BB	20150616	US20110298744	20111117

Priority:

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Probable Assignee: LAZAROF SARGON

Assignee(s): (std): LAZAROF SARGON

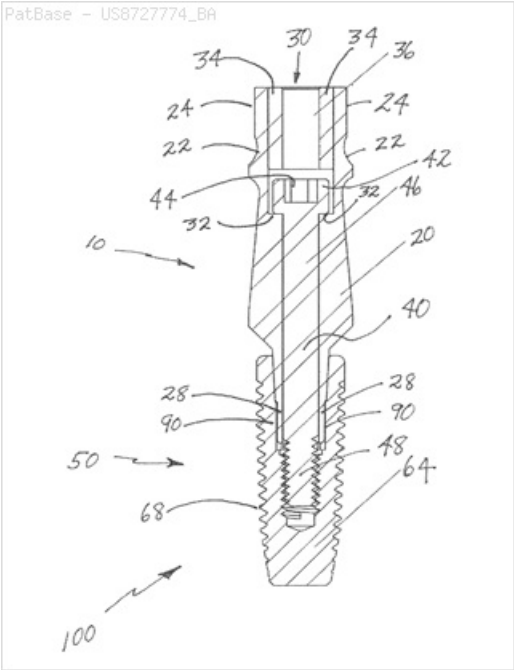
Inventor(s): (std): LAZAROF SARGON

Agent(s): TY UNG; STEVEN E; DUANE MORRIS LLP; CAESAR RIVISE PC

Title: **DENTAL IMPLANT** CARRIER DEVICE AND **IMPLANT** CARRIER DEVICE ASSEMBLY

Abstract: An **implant** carrier device for removable engagement with a **dental implant** includes a linear body member having first and second faceted exterior ends and an axial bore there through. A **screw** member having a head end and a **threaded** end is rotationally captured within the axial bore, with the **threaded** end extending exterior the second end of the carrier device. The **threaded** end of the **screw** member is adapted for rotational engagement of a **threaded** well within a **dental implant**. A **dental implant** engaged with both the faceted exterior second end of the linear body member and the **threaded** end of the captured **screw** member is partially driven into an osteotomy by way of the **implant** carrier device, followed by disengagement of the **implant** carrier device from the partially driven **implant** by rotation of the **screw** member captured within the axial bore of the **implant** carrier.

Classifications:
International (IPC 8-9): A61C8/00 (Advanced/Invention)
CPC: A61C8/0089 A61C8/0022 A61C8/0068
US: 433/163 433/173 433/174



Family:

Publication number	Publication date	Application number	Application date
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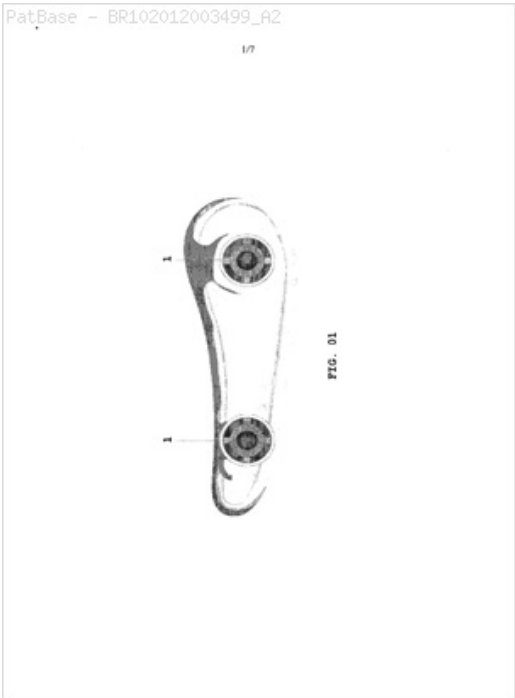
Priority:
US20110336243 20111223

Probable Assignee: ARENDT THOMAS
Assignee(s): (std): ARENDT THOMAS
Inventor(s): (std): ARENDT THOMAS
Agent(s): TIPTON L

Title: PLACA INTERASSEA INTEGRADA INTEGRATED PLATE INTERASSEA (Machine translation)

Abstract: Source: BR102012003499A [PT] 1 RESUMO "PLACA INTEROSSEA INTEGRADA". Patente de invencao para uma estrutura metalica osseointegravel em Titanio comercialmente puro, 5 para ser instalado nas regioes de pouca espessura ossea como na area lateral posterior da maxila com a finalidade de ancoragem intra-ossea para fixacao de protezes dentarias e transformacao e distribuicao das forcas mas tigatorias em tensao 10 ideal para remodelacao ossea. A presente invencao propoe uma abordagem diferente e mais eficiente de tratar o problema. Baseado na tecnologia CAD/CAM a invencao propoe a confeccao de um novo **implante** laminar osseointegravel personalizado, com 15 estruturas para distribuicao das tensoes na maior area disponivel e plataforma Cone **Morse** para fixacao protetica. **Machine translation:** 1 SUMMARY "interosseous BOARD INTEGRATED". Patent for an osseointegrated metallic structure in commercially pure Titanium, 5 to be installed in regions of little bone thickness as in the area posterior lateral jaw for the purpose of intra-bone anchorage for fixation of **dental** prostheses and transformation and distribution of the forces but tigatorias 10 in tension ideal for bone remodeling. The present invention proposes a different and more efficient approach to addressing the problem. Based on CAD / CAM technology the invention proposes the making of a new laminar custom **implant** osseointegrated, with 15 structures for distribution of tensions on the largest available area and Cone **Morse** platform for prosthetic fixation.

Classifications:
International (IPC 8-9): A61C8/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
BR102012003499 A2	20131001	BR20121003499	20120130

Priority:
BR20121003499 20120130

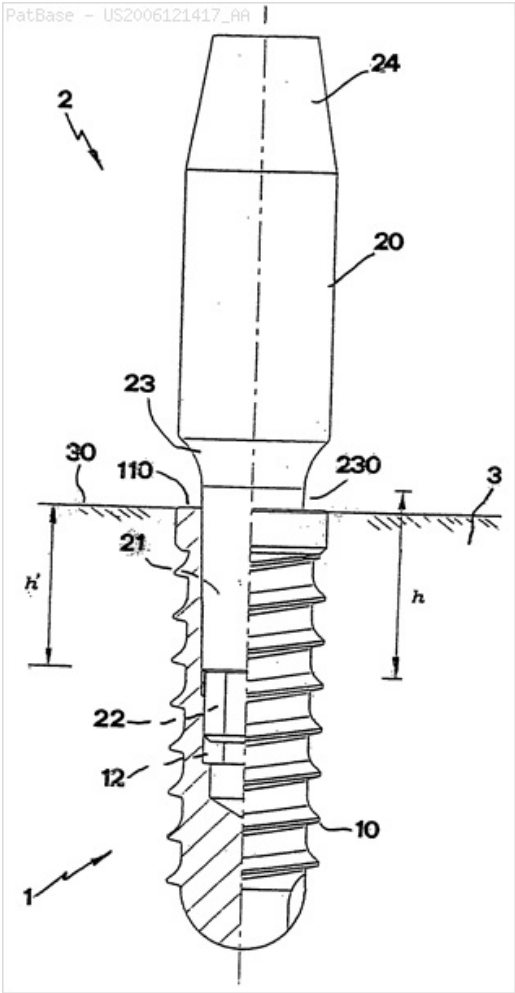
Probable Assignee: BENEVIDES MOURA ALVARO FLAVIANO
Assignee(s): (std): BENEVIDES MOURA ALVARO FLAVIANO
Assignee(s): ALVARO FLAVIANO BENEVIDES MOURA
Inventor(s): (std): BENEVIDES MOURA ALVARO FLAVIANO
Inventor(s): ALVARO FLAVIANO BENEVIDES MOURA

Title: **DENTAL IMPLANT**

Abstract: An abutment (2) connects with a fixture (1) by a **Morse-taper** type coupling, with the installation of a truncated-cone shank (21) of the abutment (2) into a corresponding cavity (11) exhibited by the fixture (1). The abutment (2) is provided with an appendix having a polygonal cross-section (22), and is positioned below the shank (21). The appendix is fitted into a corresponding impression (12) provided in the bottom of the cavity (11) of fixture (1). The abutment is also provided, on the side opposite to the appendix (22), with respect to the shank (21), with a portion (20, 24) intended for supporting a **dental** prosthesis (D). The appendix (22) can be rotated about its longitudinal axis, relative to the shank (21) of the abutment (2).

Classifications:

International (IPC 8-9): A61C13/12 A61C13/225
A61C8/00 (Advanced/Invention);
A61C8/00 (Core/Invention)
International (IPC 1-7): A61C8/00
CPC: A61C8/005 A61C8/006 A61C8/0066 A61C8/0069 A61C8/0071 A61C8/0074
European: A61C8/00G1 A61C8/00G1H A61C8/00G1P A61C8/00G1T A61C8/00G1W K61C8/00G1H K61C8/00G1P K61C8/00G1T K61C8/00G1T1 K61C8/00G1W
US: 433/172 433/173 433/173P 433/174



Family:

Publication number	Publication date	Application number	Application date
AT372094 E	20070915	AT20040028366T	20041130
DE602004008733 D1	20071018	DE200460008733T	20041130
DE602004008733 T2	20080612	DE200460008733T	20041130
EP1554988 A1	20050720	EP20040028366	20041130
EP1554988 B1	20070905	EP20040028366	20041130
ES2293152 T3	20080316	ES20040028366T	20041130
ITFI20040013 A1	20040419	IT2004FI00013	20040119
US2006121417 AA	20060608	US20040007818	20041208
US8328556 BB	20121211	US20040007818	20041208

Priority:

IT2004FI00013 20040119 US20040007818 20041208

Probable Assignee: LEONE SPA

Assignee(s): (std): DOLFI MAURIZIO ; LEONE SPA ; SCOMMEGNA GABRIELE

Assignee(s): LEONE S P A

Inventor(s): (std): SCOMMEGNA GABRIELE ; DOLFI MAURIZIO

Agent(s): MCGLEW AND TUTTLE PC

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

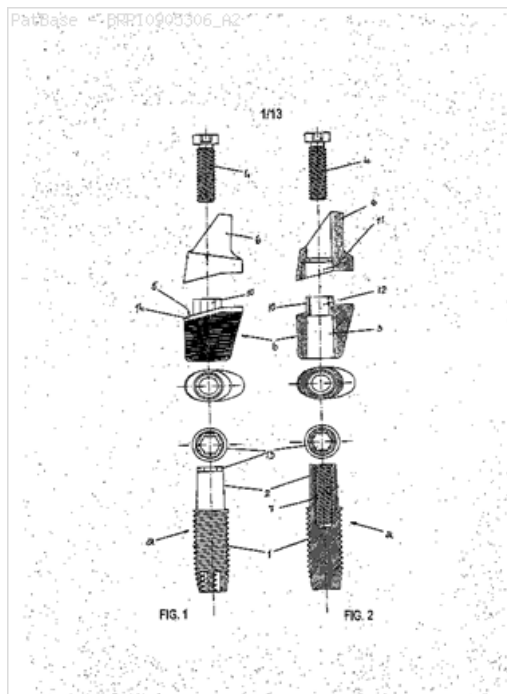
Title: **implante** multiplo com ancora interna e tensores com instrumento para a colocacao Multiple **implants** with anchors and pretensioners with internal tool for placement (Machine translation)

Abstract: Source: BRPI0905306A [PT] **IMPLANTE** MULTIPLO COM ANCORA INTERNA E TENSORES COM INSTRUMENTO PARA A COLOCACAO **Implante** dentario com uma peca apical apresentando uma porcao tronconica lisa acoplavel a uma cavidade conica femea fornecida numa parte coronaria. A peca coronaria e de secao geometricamente correspondente com o alveolo a preencher e e escolhida dentre uma pluralidade delas de modo que o angulo da superficie, projetado a partir do nivel da peca apical, seja adequado para o eixo do **implante**. A peca coronaria tem uma superficie ondulada e uma saliencia preferivelmente facetada, coincidindo com o calce do pilar protetico. e tambem outro objetivo da invencao obter um **implante** diferente para os setores posteriores com pouca altura do reborde maxilar. Para isso e apresentada uma outra variacao desta invencao que consiste em um **implante** de diametro largo, com ancora interior no seu extremo apical e dois tensores laterais que aumentam a estabilidade inicial do **implante** e a superficie de contato osso-**implante**. Com a presente invencao, pode ser usada a tecnica de regeneracao tecidual guiada para conseguir aumento vertical nos rebordes maxilares atrofiados A Fig. 21 mostra um corte de um **implante** colocado em um reborde maxilar de pouca altura. A superficie do **implante** que nao e coberta por osso e revestida com a membrana antes da sutura dos tecidos moles que levava a nova formacao ossea nessa zona.

Machine translation: Multiple **implants** with anchors and tensor WITH INTERNAL TOOL FOR PLACING piece **dental implants** with an apical portion presenting a smooth Tronconi attachable to a female conical cavity provided in a part coronaria. The play coronary and section with the corresponding geometrically to fill alveolar ee chosen from a plurality of them so that the angle of the surface, projected from the apical part level,, appropriate to the axis of the **implant**. The play has a coronary and a wavy surface faceted boss instead, coinciding with the slip on the abutment. and also another objective of the invention to obtain an **implant** for the different sectors with little time later the jaw ridge. For this and other presented a variation of this invention. **implant** consists of a large-diameter, with interior anchor in its extreme apical and two lateral tensioning que aumentam initial **implant** stability and the surface of bone-**implant** contact. With the present invention can be used to guided tissue regeneration techniques to achieve increased vertical edges in atrophied jaws Figure 21 shows a cut of an **implant** placed in a jaw edge is little time. The surface of the **implant** that is not covered by bone and covered with the membrane before the suturing of the soft tissues had led to new bone formation in the area.

Classifications:

International (IPC 8-9): A61C8/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
BRPI0905306 A2	20110809	BR2009PI05306	20091214

Priority:

BR2009PI05306 20091214

Probable Assignee:

ABARNO JUAN CARLOS

Assignee(s): (std):

ABARNO JUAN CARLOS

Assignee(s):

JUAN CARLOS ABARNO

Inventor(s): (std):

ABARNO JUAN CARLOS

Inventor(s):

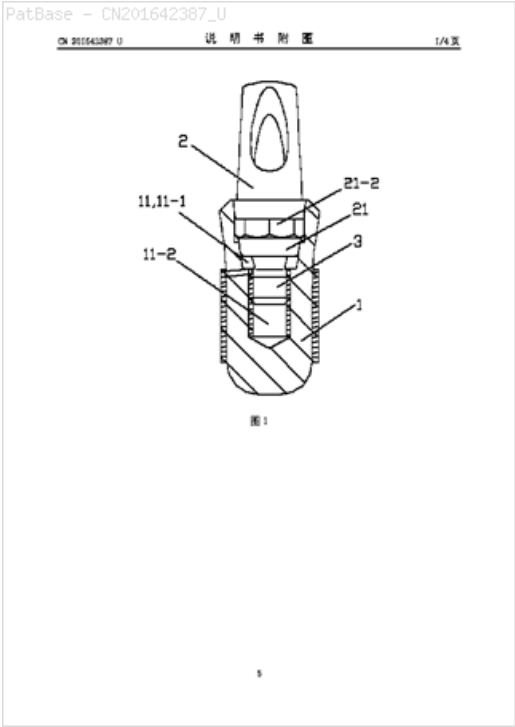
JUAN CARLOS ABARNO

Title: **Dental implant**

Abstract: The utility model discloses a **dental implant**, which comprises an **implant**, a base, a central **screw** and an expansion ring. A helical structure is arranged on the periphery of the **implant** and fixed in an alveolar bone via **threads**, an inner hole is arranged on the **implant**, a **tapered** hole is arranged at the upper end of the inner hole while a **screw** hole is arranged at the lower end of the inner hole, the lower end of the central **screw** is in **thread** connection with the **screw** hole of the **implant**, the lower end of the base is provided with a **tapered** pole matching with the **tapered** hole of the **implant**, a slot is arranged in the **tapered** pole, the **tapered** pole of the base is inserted in the **tapered** hole of the **implant**, the upper end of the central **screw** is connected in the slot of the **tapered** pole of the base, the **tapered** hole of the **implant** is a **Morse tapered** hole, a central section of the **tapered** hole is provided with an internal octagonal mechanism, and the central section of the **tapered** pole of the base is provided with an octagonal mechanism matching with the internal octagonal mechanism of the **implant**. By aid the structure of the **dental implant**, the base can be tilted to various directions and can be connected with the **implant** more firmly, and 'cold welding' can be realized under sufficient anti-torsion friction.

Classifications:

International (IPC 8-9): A61C8/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN201642387 U	20101124	CN201020181497U	20100506

Priority:

CN201020181497U 20100506

Probable Assignee: JIANGSU CHUANGYING MEDICAL EQUIPMENT CO LTD

Assignee(s): (std): JIANGSU CHUANGYING MEDICAL EQUIPMENT CO LTD ; JIANGSU TRAUSIM MEDICAL INSTRUMENT CO LTD

Assignee(s): JIANGSU CHUANGYING MEDICAL EQUIPMENT CO

Inventor(s): (std): KEYUN YIN ; XIANG ZHANG

Inventor(s): YIN KEYUN ; ZHANG XIANG

Title: disposicao construtiva aplicada a **implante** osseo integravel de multipla utilidade e intercambiabilidade sobre componente rosqueado constructive disposal applied the osseo implantation integravel of multiple utility and interchangeability on **threading** component (Machine translation)

Abstract: Source: BRPI0805665A [PT] 1 RESUMO "DISPOSICAO CONSTRUTIVA APLICADA A **IMPLANTE** OSSEO INTEGRABEL DE MULTIPLA UTILIDADE E INTERCAMBIABILIDADE SOBRE COMPONENTE ROSQUEADO" representado por uma solucao 5 inventiva de um novo componente protetico sobre o **implante** odontologico pertencente ao campo da implantodontia conformado por componente protetico sobre o **implante** osseointegravel denominado componente intermediario(A) construido em peca unica, o qual tem na sua base(B), um parafuso ou area chamada de porcao rosqueavel(C), e na rosca superior(D), o io componente aceita uma escolha combinada, tanto parafusada(E), quanto cimentada(F1/F2) e sistema encaixe-bola(G), independente do componente ser rosqueado, que permite facilidade de utilizacao, montagem, mobilidade e flexibilidade de opcoes oferecendo uma solucao estrutural-estetico para o **implante** do tipo cone **morse**, o que elimina a limitacao tecnica no aspecto 15 estetico para o profissional e o paciente, em face a possibilidade de indicacao para a regio anterior da maxila e mandibula, antes impraticavel, pois a transformacao da plataforma que recebe o acoplamento de um parafuso ou area chamada de porcao rosqueavel(C), sustentador da protese antes pequeno para um parafuso medio o que resulta numa grande melhoria na 20 estabilidade funcional da protese final, nao estando o parafuso ou area chamada de porcao rosqueavel(C), tao vulneravel a fraturas devido ao intenso esforco mastigatorio sobre a protese, pois a base(B) mais estreita, possui na porcao montavel ao componente protetico(H) o qual possui rosca interna de alta precisao e altura menor. 25 **Machine translation:** 1 SUMMARY "hand CONSTRUCTIVE APPLY TO **IMPLANT** OSSEO integrable MULTIPLE UTILITY AND INTERCHANGEABILITY OF COMPONENTS **THREADED**" represented by a solution 5 inventiveness of a new prosthetic component on the odontologico **implant** belonging to the field of shaped **implant** by component prosthetic on osseointegrated **implant** called component intermediate (A) constructed in one piece, which has at its base (B), a **screw** or area called the **threaded** portion (C), and the upper **thread** (D), io component accepts a combined choice, both **screw** (E), as cemented (F1 / F2) and snap-ball system (G), regardless of the component to be **threaded**, which allows ease of utilization, assembly, mobility and options of flexibility by providing a structural-aesthetic solution for the **implant** cone type **morse**, which eliminates the technical limitation in the aspect 15 aesthetic for the professional and the patient, due to the possibility of indication for anterior maxillary region and jaw before impractical because the platform transformation receiving the engagement of a **screw** or area called a **threaded** portion (C) sustaining the prosthesis before small for a measuring bolt which results in a great improvement in the 20 functional stability of the final prosthesis, not being a **screw** or area called the **threaded** portion (C), so vulnerable to fracture due to the intense stress chewing on the prosthesis, because the base (B) closer, has the mountable porcao the prosthetic component (H) which has internal **thread** of high precision and lower height. 25

Classifications:

International (IPC 8-9): A61C13/00 A61C8/00 (Advanced/Invention);
A61C13/00 A61C8/00 (Core/Invention)

PatBase - BRPI0805665_A2

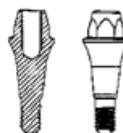


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
BRPI0805665 A2	20100914	BR2008PI05665	20081215

Priority:

BR2008PI05665 20081215

Probable Assignee:

D S P IND LTDA ME

Assignee(s): (std):

D S P IND LTDA ME

Assignee(s):

D S P INDUSTRIAL LTDA ME

Inventor(s): (std):

NETZEL CELIO GILSON

Inventor(s):

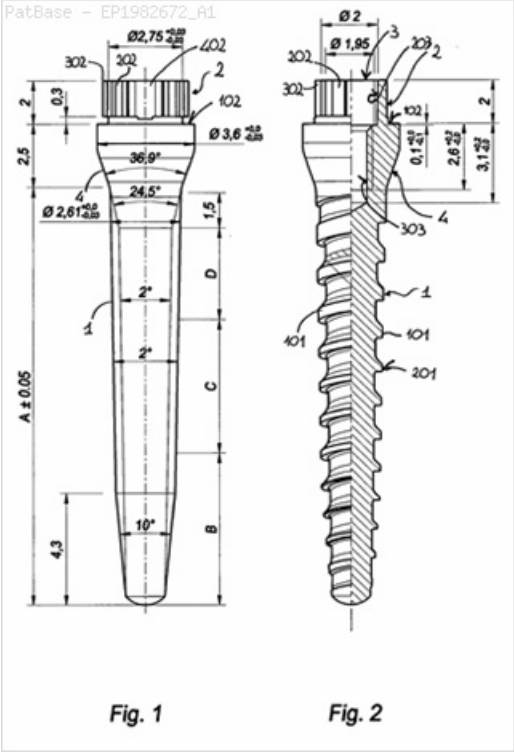
CELIO GILSON NETZEL

Title: **Dental implant** device

Abstract: **Dental implant** device comprising an **implant** composed of an endosseous **screw** or pin (1), which **screw** (1) has an head (2) fastening a prosthesis member or a member (11) supporting said prosthesis member (so called abutment) that is intended to be fastened or incorporated or embedded in the prosthesis member wherein said head (2) on the side fastening the prosthesis member has a terminal, axial extension (202) having a non round cross section or an axial recess having a non round cross section, the axial extension (2) having a non round cross section and/or the corresponding axial recess (211) of the prosthesis member or of the member (11) supporting and fastening the prosthesis or viceversa the axial recess of the **implant** and/or the axial extension of the prosthesis member or of the member supporting and fastening the prosthesis being provided with a perimetral shell composed of a ring of radial teeth (302).

Classifications:

International (IPC 8-9): A61C8/00 (Advanced/Invention);
A61C8/00 (Core/Invention)
CPC: A61C8/0022 A61C8/005 A61C8/0054 A61C8/0057 A61C8/0066
A61C8/0071 A61C8/0075 A61C8/0069
European: A61C8/00F2 A61C8/00G1 A61C8/00G1P A61C8/00G1T
A61C8/00G2 K61C8/00G1C K61C8/00G1E K61C8/00G1T
K61C8/00G1T1



Family:

Publication number	Publication date	Application number	Application date
EP1982672 A1	20081022	EP20070425223	20070418

Priority:

EP20070425223 20070418

Probable Assignee: MICERIUM SPA

Assignee(s): (std): MICERIUM SPA

Inventor(s): (std): BENZI RICARDO

Agent(s): KARAGHIOSOFF GIORGIO ALESSANDRO

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 MT NL PL PT RO RS SE SI SK TR

Title: Emergence profile system having a combined healing abutment and impression coping

Abstract: A **dental** component attaches to an **implant implanted** in living jawbone having overlying gingiva. The **implant** has an apical end embedded within the jawbone and a gingival end near an interface of the gingiva and the jawbone. The **dental** component comprises a body having a lower region, a gingival region, and a supragingival region. The lower region has an end surface to engage the gingival end of the **implant**. The gingival region extends through the gingiva and has an outer surface for forming and maintaining an aperture in the gingiva that exposes the gingival end of the **implant**. The supragingival region has a top surface projecting above the gingiva. The **dental** component includes a bore for receiving a healing element and for receiving an impression element. The healing element includes a fastener the body to the **implant** so as to allow the gingiva to heal around the body for an extended period of time thereby forming the aperture. The impression element includes an upper segment extending above the supragingival region for receiving impression material and a lower segment securing the body to the **implant**. Consequently, the **dental** component serves as part of both a gingival healing component and an impression component.

Classifications:

International (IPC 8-9): A61C13/00 A61C8/00

A61C9/00 (Advanced/Invention);

A61C8/00 A61C9/00 (Advanced/Non-invention);

A61C13/00 (Core/Non-invention)

International (IPC 1-7): A61C13/00 A61C8/00 A61C9/00

CPC: A61C8/0001 A61C8/008

European: A61C8/00B A61C8/00H

US: 433/172 433/173 433/213

PatBase - US5873722_A

U.S. Patent

Feb. 23, 1999

Sheet 1 of 15

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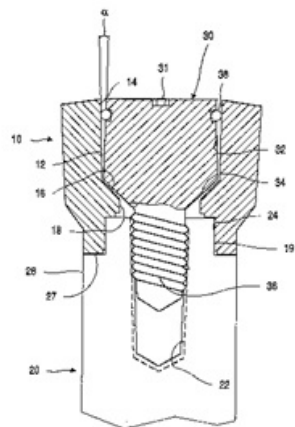


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AR005687 AA	19990714	AR1997P100421	19970131
AT326915 E	20060615	AT19970903988T	19970129
AU199718409 A1	19970822	AU19970018409	19970129
BRPI9707334 A	19990720	BR1997PI07334	19970129
DE69735934 D1	20060629	DE19976035934	19970129
DE69735934 T2	20061026	DE19976035934T	19970129
EP0879023 A1	19981125	EP19970903988	19970129
EP0879023 B1	20060524	EP19970903988	19970129
ES2265155 T3	20070201	ES19970903988T	19970129
JP2000504593 T2	20000418	JP19970527745T	19970129
KR19990082264 A	19991125	KR19980705993	19970129
NO983533 A	19980930	NO19980003533	19980731
NO983533 A0	19980731	NO19980003533	19980731
TW358728 B	19990521	TW19970104426	19970408
US5873722 A	19990223	US19970789413	19970129
US6155828 A	20001205	US19980218794	19981221
WO9727816 A1	19970807	WO1997US01253	19970129

Priority:

US19960010603 19960202

US19960026859P 19960930

US19980218794 19981221

US19960010603P 19960202

US19970789413 19970129

US19960026859 19960930

WO1997US01253 19970129

Probable Assignee: BIOMET INC

Assignee(s): (std): IMPLANT INNOVATIONS INC

Assignee(s): BIOMET INC ; LVB ACQUISITION INC ; IMPLANT INNOVATIONS INC US ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT FOR SECURE ; BANK OF AMERICA NA ADMINISTRATIVE AGENT FOR SECURED PARTIES AS ; BIOMET ; BIOMET 3I INC ; BIOMET 3I LLC

Inventor(s): (std): BEATY D ; BEATY KEITH D ; GOODMAN E ; GOODMAN RALPH E ; LAZZARA J ; LAZZARA RICHARD J

Inventor(s): RALPH E GOODMAN ; RICHARD J LAZZARA ; KEITH D BEATY

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CN CU CZ DE DK EE ES FI FR GB GE GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

Title: Dental implant system and method for effecting a dental restoration using the same

Abstract: A dental implant system and method for effecting a dental restoration using the same.

Classifications:

International (IPC 8-9): A61C8/00 (Advanced/Invention)

International (IPC 1-7): A61C13/12 A61C8/00

CPC: A61C8/0001 A61C8/005 A61C8/0053 A61C8/0054 A61C8/0057

A61C8/0059 A61C8/006 A61C8/0065 A61C8/0066 A61C8/0071

A61C13/0022 A61C8/0069

European: A61C8/00B A61C8/00G1 A61C8/00G1B A61C8/00G1M

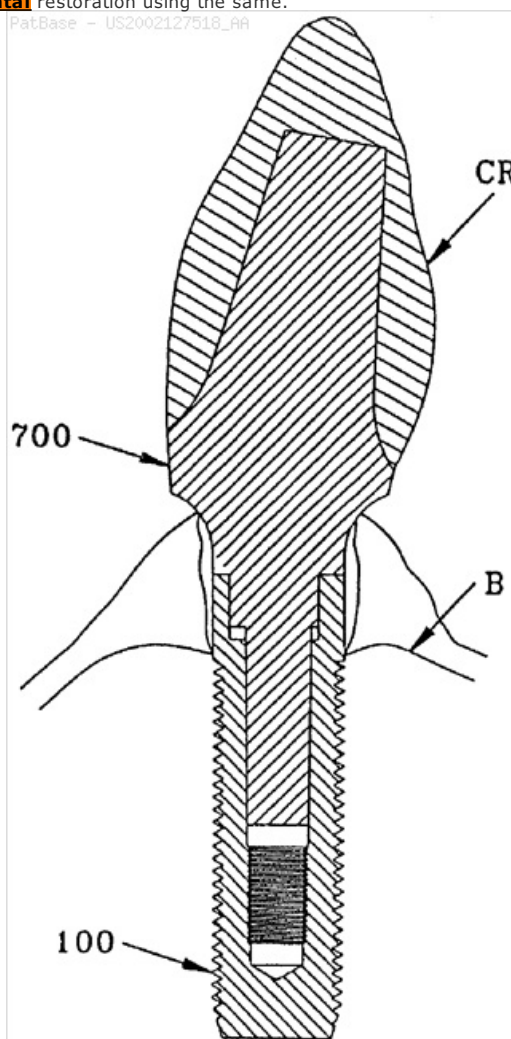
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K61C8/00G1F K61C8/00G1H K61C8/00G1P K61C8/00G1T

K61C8/00G1T1

US: 433/172 433/172P 433/172S 433/173 433/173P 433/173S

433/174



Family:

Publication number	Publication date	Application number	Application date
AU200060771 A1	20010205	AU20000060771	20000707
AU200060771 A5	20010205	AU20000060771D	20000707
US2002127518 AA	20020912	US20020101557	20020319
US2003148246 AA	20030807	US20030387226	20030312
US2005181331 AA	20050818	US20050102425	20050408
US6358052 BA	20020319	US19990354393	19990715
WO0105326 A1	20010125	WO2000US18610	20000707

Priority:

US19990354393 19990715 WO2000US18610 20000707 US20020101557 20020319
US20030387226 20030312 US20050102425 20050408

Probable Assignee: LUSTIG PAUL L

Assignee(s): (std): CASTELLUCCI FEDERICO ; CASTELLUCCI FEDERICO ; LUSTIG PAUL L ; LUSTIG L PAUL ; TYBINKOWSKI ANDREW P

Assignee(s): ANDREW P TYBINKOWSKI ; LUSTIG L ; LUSTIG L P ; FEDERICO CASTELLUCCI ; L PAUL LUSTIG

Inventor(s): (std): CASTELLUCCI FEDERICO ; LUSTIG L PAUL ; TYBINKOWSKI ANDREW P ; LUSTIG L P ; CASTELLUCCI FEDERICO

Inventor(s): L PAUL LUSTIG ; FEDERICO CASTELLUCCI ; ANDREW P TYBINKOWSKI ; TYBINKOWSKI ANDREW ; LUSTIG L

Agent(s): MARK J PANDISCIO PANDISCIO AND PANDISCIO

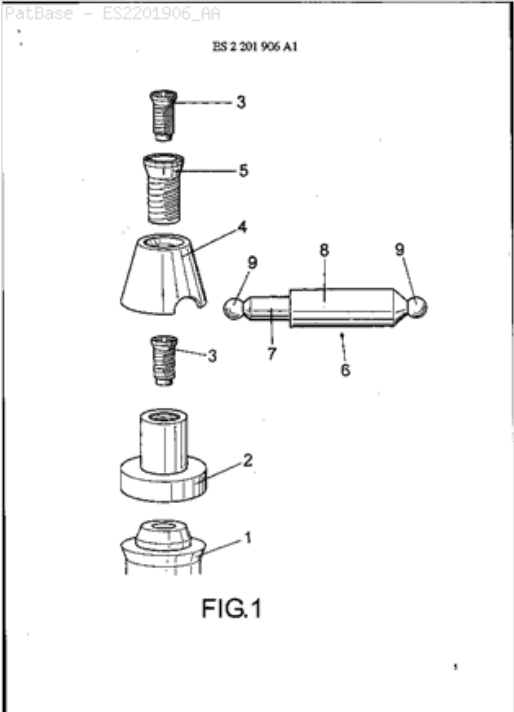
Designated states: AT AU BE BR CA CH CN CY DE DK ES FI FR GB GR IE IL IT JP LU MC NL PT SE

Title: FIJACION Y SUPRAESTRUCTURA PROTESICA SOBRE **IMPLANTES DENTALES**

Abstract: Source: ES2201906B [ES] Fijacion y supraestructura protesica sobre **implantes dentales**. Es aplicable a emergencias de **implantes dentales** (1) en la construccion de supraestructuras protesicas (10) sobre las que se incorpora una protesis **dental** fija o removible. El conjunto de elementos (2, 3, 4, 5) de la supraestructura (10) que se disponen sobre una de las emergencias de **implante** (1), se unen a otro conjunto analogo (2, 3, 4, 5) de otra de las referidas emergencias (1) de manera no predeterminada mediante unos elementos de conexion de configuracion regulable (6); de manera que la supraestructura (10) se puede construir progresivamente en funcion de las distintas posiciones relativas de las emergencias de **implantes** (1), sin necesidad de efectuar un diseno global, fijo y previo de las mismas.

Classifications:

International (IPC 8-9): A61C13/275 A61C13/277
A61C8/00 (Advanced/Invention);
A61C13/225 A61C8/00 (Core/Invention)
International (IPC 1-7): A61C13/275 A61C13/277 A61C8/00
CPC: A61C8/0022 A61C8/0048 A61C8/005 A61C8/0075
European: A61C8/00F2 A61C8/00G A61C8/00G1 A61C8/00G2



Family:

Publication number	Publication date	Application number	Application date
ES2201906 AA	20040316	ES20020001181	20020523
ES2201906 BA	20050516	ES20020001181	20020523

Priority:

ES20020001181 20020523

Probable Assignee:

TOBOSO RAMON JESUS

Assignee(s): (std):

TOBOSO RAMON JESUS

Inventor(s): (std):

TOBOSO RAMON JESUS

Title: **Dental implant** distractor method and apparatus

Abstract: Disclosed is an internal mandibular distractor comprising a substantially cylindrical main body, a base, and a shaft. The device is used to gradually separate osteotomized bone sections to promote new bone growth in an area of bone loss. The device is then left in the jaw to also serve as a permanent **dental implant** for restoring dentition.

Classifications:

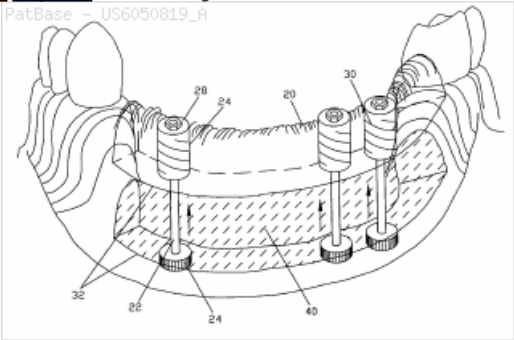
International (IPC 8-9): A61B17/66 A61C8/00 (Advanced/Invention);
A61B17/80 (Advanced/Non-invention);
A61B17/60 A61C8/00 (Core/Invention);
A61B17/68 (Core/Non-invention)

International (IPC 1-7): A61C8/0

CPC: A61B17/666 A61C8/0006

European: A61B17/66J2 A61C8/00C1A

US: 433/173 623/16 623/16.11



Family:

Publication number	Publication date	Application number	Application date
US6050819 A	20000418	US19980119902	19980721

Priority:

US19980119902 19980721

Probable Assignee: ORTHONETX INC

Assignee(s): (std): INTER OS TECHNOLOGIES L L C

Assignee(s): INTER OS TECHNOLOGIES LLC ; ORTHONETX INC ; ROBINSON RANDOLPH C

Inventor(s): (std): ROBINSON RANDOLPH C

Title: Healing cap system

Abstract: An anatomically dimensioned healing cap is provided for use during second stage surgery of a **dental implant** which preserves the actual tooth contour within the gingiva to facilitate accurate crown reproduction exhibiting a proper emergence profile. The healing cap has a housing that is dimensioned in accordance with the removed tooth and has a releasably securable insert that directly engages the head of any **implant** without scoring or damaging the **implant**. For posterior teeth, the healing cap can preserve the tooth cavity in the gingiva tissue even if the **implant** is mounted off-center of the original tooth location. The healing cap also provides an occlusal lip to prevent the overgrowth of gingiva tissue during second stage healing. Plastic burnout sleeves and cylinders are provided to enable **dental** technicians to more accurately and more efficiently create a crown or bridge. Healing cap models and an **implant** alignment indicator are provided to enable the **dental** surgeon to more accurately locate and align a **dental implant** in the initial stages of surgery.

Classifications:

International (IPC 8-9): A61C8/00 (Advanced/Invention);

A61C8/00 (Core/Invention)

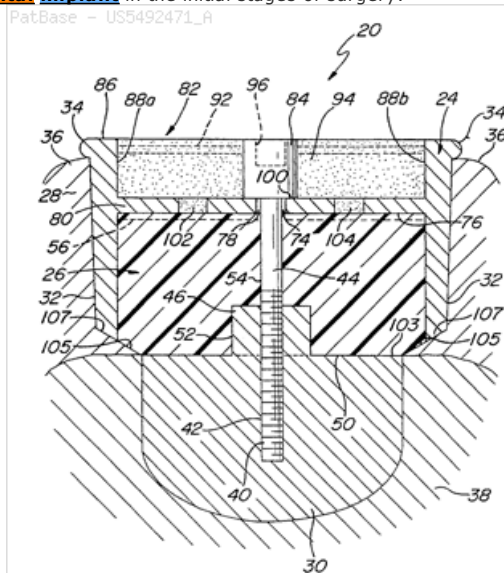
International (IPC 1-7): A61C13/12 A61C13/225 A61C3/00

A61C8/00

CPC: A61C8/008

European: A61C8/00H

US: 433/141 433/172 433/173



Family:

Publication number	Publication date	Application number	Application date
AU199522292 A1	19951009	AU19950022292	19950322
US5492471 A	19960220	US19940216908	19940323
US5651675 A	19970729	US19950455428	19950531
US5813858 A	19980929	US19950552668	19951103
WO9525478 A1	19950928	WO1995US03615	19950322

Priority:

US19940216908 19940323

WO1995US03615 19950322

US19950455428 19950531

US19950552668 19951103

Probable Assignee: SINGER PHILLIP

Assignee(s): (std): GINN MICHAEL ; GOTTEHRER NEIL ; SINGER PHILLIP ; SINGER GARY

Assignee(s): PHILLIP SINGER ; MICHAEL GINN ; NEIL GOTTEHRER ; GARY SINGER

Inventor(s): (std): SINGER GARY

Inventor(s): GARY SINGER

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LK LU MC MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA VN