

Search history

Search 1: SFT=(implant and jaw) and IC=(a61c8/00) (Results 3895)
Search 2: facial bones (Results 587)
Search 3: 1 and 2 (Results 9)

1) Family number: 28631025 (US2003104336A)

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Title: IMPRESSION JIG ASSEMBLY FOR USE WITH DENTAL IMPLANTS

Abstract: The present invention relates to an impression jig assembly for coupling to a bone implant (10) comprising: a split sleeve having co-axial upper and lower sleeve members (31, 32); and a fixing screw (5) for clamping the split sleeve to the implant. The fixing screw in use passes through the split sleeve, and can be withdrawn once impression material has hardened around the assembly to allow the upper sleeve member to separate from the lower sleeve member.

Classifications:

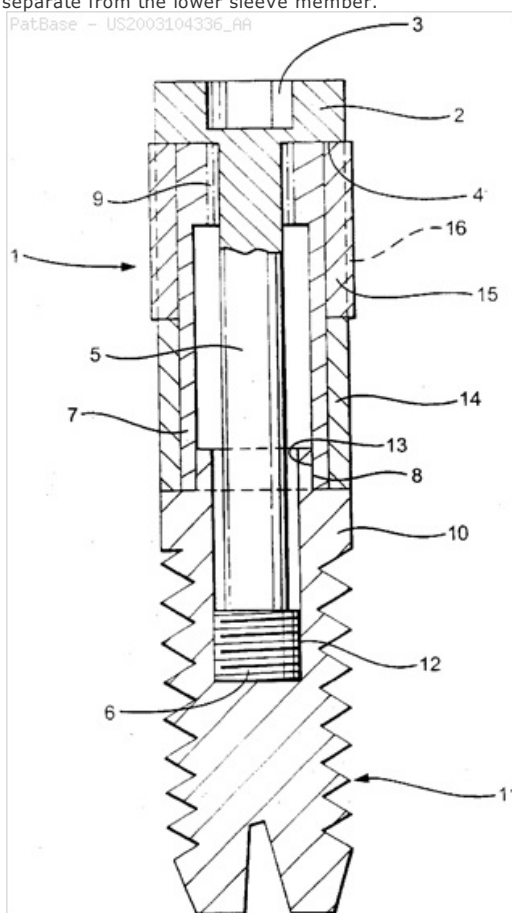
International (IPC 8-9): A61C8/00 A61C9/00 (Advanced/Invention);
A61C9/00 (Advanced/Non-invention);
A61C8/00 A61C9/00 (Core/Invention)

International (IPC 1-7): A61C3/00 A61C8/00 A61C9/00

CPC: A61C8/006 A61C8/0001

European: A61C8/00B

US: 433/141 433/173 433/213



Family:

Publication number	Publication date	Application number	Application date
AT341286 E	20061015	AT20000988970T	20001215
AU200125301 A1	20010625	AU20010025301	20001215
AU200125301 A5	20010625	AU20010025301D	20001215
BRPI0016389 A	20020820	BR2000PI16389	20001215
BRPI0016389 B1	20090811	BR2000PI16389	20001215
CA2395221 AA	20020607	CA20002395221	20001215
CA2395221 C	20070306	CA20002395221	20001215
DE60031159 D1	20061116	DE20006031159	20001215
DE60031159 D1	20061116	DE20006031159T	20001215
DE60031159 T2	20070823	DE20006031159T	20001215
EP1237497 A1	20020911	EP20000988970	20001215
EP1237497 B1	20061004	EP20000988970	20001215
ES2273744 T3	20070516	ES20000988970T	20001215
GB199929662 A0	20000209	GB19990029662	19991215
GB9929662 A0	20000209	GB19990029662	19991215
JP2003516801 T2	20030520	JP20010544601T	20001215

JP4376484 B2	20091202	JP20010544601T	20001215
US2003104336 AA	20030605	US20020149403	20020730
US6969256 BB	20051129	US20000149403	20001215
WO0143659 A1	20010621	WO2000GB04834	20001215

Priority:

GB19990029662 19991215 WO2000GB04834 20001215

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Inventor(s): ASHOK SETHL ; PETER SOCHOR ; HEINER WEBER ; ASHOK SETHI

Agent(s): LONG AND CAMERON; DENNISON SCHULTZ DOUGHERTY AND MACDONALD

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 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

2) Family number: 29367241 (US6353038B)

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Title: Plastic based composite and its use

Abstract: A composite intended for medical use, in particular surgical or therapeutic use, characterized in that it comprises a mixture of a thermoplastic component plasticizable within the temperature range -10... +100 C., which is substantially made up of hydroxy acids and structural units derived from hydroxy acid derivatives and the molar mass of which is within the range 30,000-1,000,000 g/mol, and which degrades in the body typically within a period ranging from a few days to several years, and which in its solid state is a mechanically strong plastic or rubbery material, and a bioactive component, which is a bioactive glass or a bioactive xerogel, such that the plasticized thermoplastic component remains moldable for a certain period even after the temperature of the composite has been lowered to a temperature which is considerably lower than the setting temperature of said thermoplastic component.

Classifications:

International (IPC 8-9): A61L27/44 A61L27/46 (Advanced/Invention);

A61L27/00 (Core/Invention)

International (IPC 1-7): A61C8/00 A61L25/00 A61L27/00 A61L31/00 A61L8/00 A61L9/22 C08L33/14

CPC: A61L27/446 A61L27/46

European: A61L27/44R A61L27/46

US: 523/105

Family:

Publication number	Publication date	Application number	Application date
AT241396 E	20030615	AT19980933664T	19980706
AU199883407 A1	19990208	AU19980083407	19980706
DE69815106 D1	20030703	DE19986015106	19980706
DE69815106 D1	20030703	DE19986015106T	19980706
DE69815106 T2	20031218	DE19986015106T	19980706
EP0994736 A1	20000426	EP19980933664	19980706
EP0994736 B1	20030528	EP19980933664	19980706
ES2198729 T3	20040201	ES19980933664T	19980706
FI972890 A	19990109	FI19970002890	19970708
FI972890 A0	19970708	FI19970002890	19970708
US6353038 BA	20020305	US20000446630	20000223
WO9902201 A1	19990121	WO1998FI00572	19980706

Priority:

FI19970002890 19970708 WO1998FI00572 19980706

Probable Assignee: VIVOXID OY

Assignee(s): (std): AHO ALLAN ; BIOXID OY ; BIOXID OY C O ILKKA KANGASNIEM ; HEIKKILAE JOUNI ; JVS POLYMERS OY ; VIVOXID OY ; KANGASNIEMI ILKKA ; YLI URPO ANTTI ; SEPPAELAE JUKKA ; VIVOXID OY TURKU

Assignee(s): VIVOXID OY TYKISTOKATU ; BIOXID OY C O ILKKA KANGASNIEMI ; BIOXID OY KOYDENPUNOJANKATU

Inventor(s): (std): YLI URPO ANTTI ; SEPPALA JUKKA ; SEPPAELAE JUKKA ; KANGASNIEMI ILKKA ; HEIKKILAE JOUNI ; HEIKKILA JOUNI ; AHO ALLAN

Inventor(s): JUKKA SEPPALA ; JOUNI HEIKKILA ; ILKKA KANGASNIEMI ; ANTTI YLI URPO ; ALLAN AHO

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

3) Family number: 30584388 (US2003105469A)

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Title: BIORESORBABLE INFLATABLE DEVICES, INCISION TOOL AND METHODS FOR TISSUE EXPANSION AND TISSUE REGENERATION

Abstract: Bioresorbable inflatable devices and tunnel incision tool and methods for treating and enlarging a tissue or an organ or a tube or a vessel or a cavity. The device is composed of a hollow expanding pouch made of a resorbable material or a perforated material that can be attached to a filling element. The pouch can be filled with a biocompatible material, one or more times in few days interval, after the insertion of the device. While filling the pouch every few days the tissue expands and the filling material if it is bioactive start to function. The tunnel incision tool composed of a little blade that emerges from the surface of the tool in order to make shallow incisions in the surrounding tissue therefore enabling easy expansion of the tissue. This device and method can be used for example for: horizontal and vertical bone augmentation in the jaws and the tunnel incision tool is used to make shallow incisions in the periosteum when using the tunnel technique,

sinus augmentation when the device is placed beneath the Schneiderian tissue, vessels widening if the pouch become a stent, fixing bone fractures etc.

Classifications:

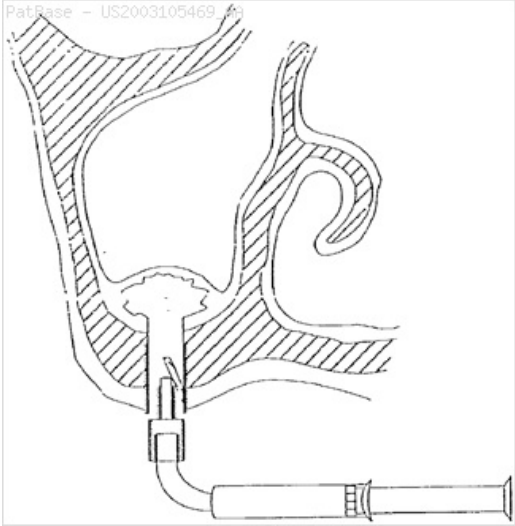
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International (IPC 1-7): A61B17/00 A61B17/56 A61B17/58 A61B19/00 A61C13/00 A61C13/38 A61C3/00 A61C8/00 A61F2/02 A61F2/28 A61F2/44 A61L27/00 A61M29/02

CPC: A61C8/0022 A61C8/0013 A61B17/72 A61B17/025 A61B17/70 A61B17/8802 A61B17/8811 A61B17/8855 A61F2/30734 A61F2/36 A61F2/3662 A61B90/39 A61B17/58 A61B17/68 A61B17/7061 A61M31/002 A61M2210/0681 A61M2205/0211 A61C8/0039 A61B17/7098 A61B17/7258 A61B17/742 A61B17/8822 A61B90/02 A61B2017/00004 A61B2017/0256 A61B2090/3966 A61C8/0009 A61F2/30723 A61F2/30724 A61F2/3676 A61F2/44 A61F2002/2828 A61F2002/2832 A61F2002/3008 A61F2002/30738 A61F2002/30919 A61F2002/30932 A61F2002/3631 A61F2002/4631 A61F2250/0098 A61B17/1673 A61B17/1688 A61B17/666 A61B17/7097 A61B2017/00557 A61C8/0006 A61C8/004 A61F2/2875 A61F2/4601 A61F2002/2807 A61F2002/2817 A61F2002/2835 A61F2002/2882 A61F2002/2885 A61F2002/2889 A61F2002/30014 A61F2002/30062 A61F2002/30074 A61F2002/30075 A61F2002/30092 A61F2002/30372 A61F2002/3052 A61F2002/30581 A61F2002/30601 A61F2002/30677 A61F2002/30906 A61F2002/30925 A61F2002/4623 A61F2210/0004 A61F2210/0014 A61F2210/0057 A61F2210/0061 A61F2220/0025 A61F2220/0033 A61F2250/0018 A61F2250/0065 A61F2250/0067 A61F2310/00017 A61F2310/00023 A61F2310/00089 A61F2310/00131 A61F2310/00161 A61F2310/00179 A61F2310/00407 A61F2310/00796 Y10S623/908 A61F2/2803 A61F2002/30841 A61F2002/3025 A61F2002/30115 A61C8/0092 A61F2/82

European: A61B17/02J A61B17/16S18 A61B17/16S6 A61B17/58 A61B17/66J2 A61B17/68 A61B17/70L A61B17/70V A61B17/70V2 A61B17/72E6 A61B17/72G A61B17/88A A61B17/88A2C A61B17/88A2H A61B17/88C2B A61B19/24 A61C8/00C1A A61C8/00C2 A61C8/00F30G A61C8/00T3 A61F2/06S A61F2/28S A61F2/30B1 A61F2/30B2 A61F2/30B6 A61F2/46A A61F2/82 K61B17/00A K61B17/00N8 K61B17/02J2 K61B17/66J2 K61B17/74D K61B19/54 K61C8/00C1A K61F2/00W93 K61F2/28B2 K61F2/28D K61F2/28F1 K61F2/28F2 K61F2/28G K61F2/28S3 K61F2/28S4 K61F2/28S5 K61F2/30A1N4 K61F2/30A1W1 K61F2/30A1W20 K61F2/30A1W5 K61F2/30A1W6 K61F2/30A1W9 K61F2/30A3T1M4L K61F2/30A3T35D K61F2/30A3W18 K61F2/30A3W28 K61F2/30A5D K61F2/30B6S K61F2/30L11 K61F2/30L3 K61F2/30L4S K61F2/30L7 K61F2/36 K61F2/36C2G K61F2/36D K61F2/36D6 K61F2/44 K61F2/46A K61F2/46B30 K61F2/46C K61F210/00A K61F210/00D K61F210/00E K61F210/00F K61F220/00T K61F220/00T1 K61F250/00N2 K61F250/00W3 K61F250/00W5 K61F250/00W99C K61F310/00A2A K61F310/00A2E K61F310/00A2R40 K61F310/00A2R73 K61F310/00A4 K61F310/00A6 K61F310/00L2E K61F310/00L6E

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Family:

Publication number	Publication date	Application number	Application date
AU200156623 A1	20011120	AU20010056623	20010509
AU200156623 A5	20011120	AU20010056623	20010509
AU2003279506 AA	20040603	AU20030279506	20031112
CA2408763 AA	20021112	CA20012408763	20010509
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CN1527687 B	20100407	CN20018018626	20010509
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EP1560546 A2	20050810	EP20030772613	20031112
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US2009101157 AA	20090423	US20070930208	20071031
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US2010266979 AA	20101021	US20100796684	20100609
US2014106306 AA	20140417	US20130133692	20131219
US2016038260 AA	20160211	US20150864888	20150925
US2016354182 AA	20161208	US20160238761	20160817

US2017296309 AA	20171019	US20170590479	20170509
US7749267 BB	20100706	US20050126208	20050511
US7771482 BA	20100810	US20000567471	20000509
US8622739 BB	20140107	US20100796684	20100609
US8864841 BB	20141021	US20060562985	20061123
US9744057 BB	20170829	US20100762388	20100419
WO0185062 A2	20011115	WO2001IL00408	20010509
WO0185062 C1	20011213	WO2001IL00408	20010509
WO0185062 C2	20060720	WO2001IL00408	20010509
WO04043303 A2	20040527	WO2003IL00951	20031112
WO04043303 A3	20040701	WO2003IL00951	20031112

Priority:

US20000567471	20000509	EP20010929948	20010509	WO2001IL00408	20010509
US20020291477	20021112	WO2003IL00951	20031112	US20050126208	20050511
US20060562985	20061123	US20070926151	20071029	US20070930208	20071031
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Probable Assignee: KARMON BEN ZION

Assignee(s): (std): BEN ZAIN CALMON ; BEN ZION KARMON ; KARMON BEN ZION ; REGENE EX LTD ; REGENEEX LTD ; REGENEX LTD ; REGNIX LTD

Inventor(s): (std): BEN ZION KARMON ; KARMON BEN ZION

Agent(s): MARKS AND CLERK; FAIRBAIRN ANGUS CHISHOLM; VALLEJO JUAN PEDRO; DR MARK FRIEDMAN LTD; DR MARK FRIEDMAN LTD C O BILL POLKINGHORN; DR MARK M FRIEDMAN C O BILL POLKINGHORN DISCOVERY DISPATCH; MARK M

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

4) Family number: 55024544 (BRPI1107210A)

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Title: IMPLANTES POLIMERICOS POROSOS OU NAO POROSOS REVESTIDOS COM TI OU TIO2 PARA USO MEDICO OU VETERINARIO Polymeric implants POROUS OR NON POROUS COATED WITH IT OR TIO2 TO USE MEDICAL OR VETERINARY (Machine translation)

Abstract: Source: BRPI1107210A [PT] 1 RESUMO IMPLANTES POLIMERICOS POROSOS OU NAO POROSOS REVESTIDOS COM TI OU TIO2 PARA USO MEDICO OU VETERINARIO 5 A invencao trata da preparacao de implantes polimericos, porosos ou nao-porosos, revestidos por Ti ou TIO2 atraves de aspersao termica. Os substratos porosos sao preparados preferencialmente com os polimeros na forma de po (polietileno de altissimo peso molecular, 10 poliacetal, poli(metacrilato de metila), polipropileno, poli(eter-eter- cetona), ou outro usado em implante) misturados a NaCl ou agente de esponjamento. Apos a obtencao das placas prensadas estas sao mergulhadas em agua em ebulicao para remocao do sal e formacao dos poros interconectados ou, se usado o fermento, dispensa-se a 15 lavagem. Em seguida, os substratos sao revestidos com Ti ou TIO2 atraves de aspersao termica a chama. Obtem-se materiais de baixo custo e adequados ao uso como implantes da area medica ou veterinaria, onde a osseointegracao e um fator determinante. Esses implantes bioativos podem compor materiais de modulo elastico e peso similares 20 ao de diferentes ossos, evitando a atrofia destes ao serem mais parecidos mecanicamente com o osso original, podem conter agentes microbianos para prevenir a colonizacao de bacterias, sao resistentes a corrosao, resistentes a fadiga e podem ser facilmente moldados por termoformacao, injecao, extrusao, compressao ou usinagem. **Machine translation:** 1 SUMMARY polymeric POROUS IMPLANTS OR NOT POROUS COATED Ti TIO2 OR FOR MEDICAL USE OR ANIMAL 5 The invention deals with the preparation of polymeric implants, porous or non-porous coated Ti or TIO2 through the sprinkler thermal. The porous substrates are preferably prepared with the polymers in powder form (ultrahigh molecular weight polyethylene, polyacetal 10, poly (methyl methacrylate), polypropylene, poly (ether-ketone eternal), or used in other implant) mixed with NaCl or esponjamento agent. After obtaining the plates pressed these are dipped in boiling water for removal of salt and formation of interconnected pores or, if used yeast, dispenses up to 15 washing. Then the substrates are coated with Ti or TIO2 by thermal flame spraying. We obtain inexpensive materials and suitable for use as implants in medical or veterinary area where osseointegration and a determining factor. These bioactive implants can compose elastic modulus materials and similar weight 20 to the different bones, avoiding the atrophy of these to be more mechanically similar to the original bone, may contain microbial agents to prevent colonization of bacteria, are resistant to corrosion, resistant to fatigue and can be easily molded by thermoforming, injection, extrusion, compression or machining.

Classifications:

International (IPC 8-9): A61B17/58 A61C8/00 A61F2/02 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
BRPI1107210 A2	20131015	BR2011PI07210	20111226

Priority:

BR2011PI07210 20111226

Probable Assignee: UNIV FED DO PARANA

Assignee(s): (std): UNIV FED DO PARANA

Assignee(s): UNIVERSIDADE FEDERAL DO PARANA

Inventor(s): (std): FLORES SAHAGUN JOSE HECTOR ; FLORES SAHAGUN THAIS HELENA SYDENTRICKER ; PAREDES RAMON CORTES

Inventor(s): RAMON CORTES PAREDES ; THAIS HELENA SYDENTRICKER FLORES SAHAGUN ; JOSE HECTOR FLORES SAHAGUN

5) Family number: 65837577 (US2018344894A)

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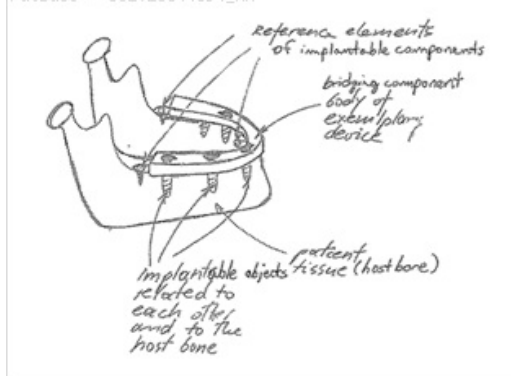
Title: IMPLANTABLE OBJECTS, GUIDING DEVICES, AND METHODS OF USE THEREOF

Abstract: Embodiments of the disclosure relate to implantable objects and guiding devices, as well as recipient site preparation instruments, bone-implantable materials, and methods of fabrication and use thereof.

Classifications:

International (IPC 8-9): A61B17/16 A61B17/17 A61B17/32 A61B17/56 A61B17/58 A61B17/84 A61B17/86 A61B17/88 A61B17/90 A61B90/00 A61C1/07 A61C1/08 A61C13/225 A61C8/00 A61F2/44 A61F2/46 A61L24/04 (Advanced/Invention)
CPC: A61B17/32 A61B17/58 A61C8/00 A61C13/225 A61C8/0006 A61C8/0009 A61C8/0048 A61C8/0074 A61C8/0095 A61B17/7062 A61B2017/564 A61F2/447 A61B90/39 A61B17/84 A61F2002/30448 A61C8/0068 A61C1/07 A61B17/86 A61F2002/4687 A61F2/4611 A61L24/04 A61B17/17 A61B2090/3983 A61C1/084 A61F2002/30433 F16B11/00

PatBase - US2018344894_AA



Family:

Publication number	Publication date	Application number	Application date
EP3380020 A1	20181003	EP20160869292	20161123
US2018344894 AA	20181206	US20160778520	20161123
WO17091748 A1	20170601	WO2016US63631	20161123
WO17091748 A8	20180816	WO2016US63631	20161123

Priority:

US20150258766P 20151123 US20160778520 20161123 WO2016US63631 20161123

Probable Assignee: LAUNCHPAD MEDICAL LLC

Assignee(s): (std): LAUNCHPAD MEDICAL LLC ; LAUNCHPAD MEDICAL LLC

Assignee(s): LAUNCHPAD MEDICAL INC

Inventor(s): (std): HESS BRIAN ; HESS BRIAN J ; KAY GEORGE ; KAY GEORGE W

Agent(s): STUDIO TORTA SPA; SMITH CRAIG R ET AL

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 DJ 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 KW 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

6) Family number: 55351674 (US2015119334A)

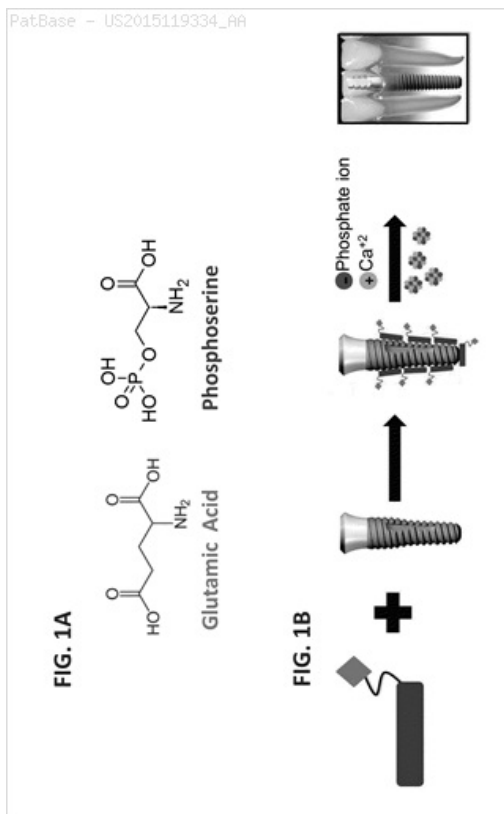
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Title: FUNCTIONALIZED TITANIUM BINDING PEPTIDES AND IMPLANTS COATED WITH SAME

Abstract: An isolated peptide is disclosed. The peptide comprises a titanium oxide binding amino acid sequence connected to a heterologous biologically active amino acid sequence via a beta sheet breaker linker, wherein: (i) the titanium oxide binding amino acid sequence is selected to bind coordinatively with titanium oxide; (ii) the titanium oxide binding amino acid sequence is selected to induce a beta sheet structure; and (ii) the titanium oxide binding amino acid sequence binds to titanium oxide with a higher affinity than said biologically active amino acid sequence binds to the titanium oxide under physiological conditions. Use of the peptides and titanium devices comprising same are also disclosed.

Classifications:

International (IPC 8-9): A61C8/00 A61K38/02 A61L27/06 A61L27/30 A61L27/34 A61L27/54 A61L31/02 A61L31/10 A61L31/16 C01G23/04 C07K C07K4/00 C07K5/10 C07K5/103 C07K7/06 C07K7/08 G01N33/543 (Advanced/Invention); A61C8/00 A61L31/00 B82Y30/00 (Advanced/Non-invention); A61L C07K (Subclass/Invention)
CPC: C07K5/1013 A61L2300/25 A61L27/06 A61L27/34 A61L2300/412 A61L2300/606 A61L2430/12 A61L2430/24 C07K7/06 C07K7/08 A61C8/0012 A61L31/022 A61L31/10 A61L31/16 A61L2300/252 C08L89/00 G01N33/54393 C01G23/043 A61L27/30 A61K38/02 A61L31/00 B82Y30/00 A61L27/54
US: 514/16.7 530/327 530/328 530/329 530/330 530/331 536/23.4

**Family:**

Publication number	Publication date	Application number	Application date
DE602013031630 D1	20180208	DE201360031630T	20130603
EP2855507 A1	20150408	EP20130737423	20130603
EP2855507 B1	20180103	EP20130737423	20130603
IL236053 A0	20150129	IL20130236053	20130603
IL236053 A1	20171130	IL20130236053	20130603
US2015119334 AA	20150430	US20130405192	20130603
US2017328895 AA	20171116	US20170667655	20170803
US9731048 BB	20170815	US20130405192	20130603
US10213527 BB	20190226	US20170667655	20170803
WO13183048 A1	20131212	WO20131L50476	20130603

Priority:

US20120654883P	20120603	EP20130737423	20130603	US20130405192	20130603
WO20131L50476	20130603	IL20140236053	20141203	US20140405192	20141203
US20170667655	20170803				

Probable Assignee: BEN GURION UNIV OF NEGEV RESEARCH AND DEVELOPMENT AUTHORITY**Assignee(s):** (std): BEN GURION UNIV OF NEGEV RES AND DEV AUTHORITY ; BEN GURION UNIV OF NEGEV RESEARCH AND DEVELOPMENT AUTHORITY ; UNIV BEN GURION ; HANNA RAPAPORT ; ANNA GITTELMAN ; BEN GURION NIVERSITY OF NEGEV RES AND DEV AUTHORITY**Assignee(s):** BEN GURION NIVERSITY OF NEGEV RESEARCH AND DEVELOPMENT AUTHORITY**Inventor(s):** (std): ANNA GITTELMAN ; HANNA RAPAPORT ; RAPAPORT HANNA ; GITTELMAN ANNA**Agent(s):** NEDERLANDSCH OCTROOIBUREAU; GE EHRlich 1995 LTD; GE EHRlich 1995 LTD ET AL**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 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 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**7) Family number: 48998863 (BRPI1000804A)**

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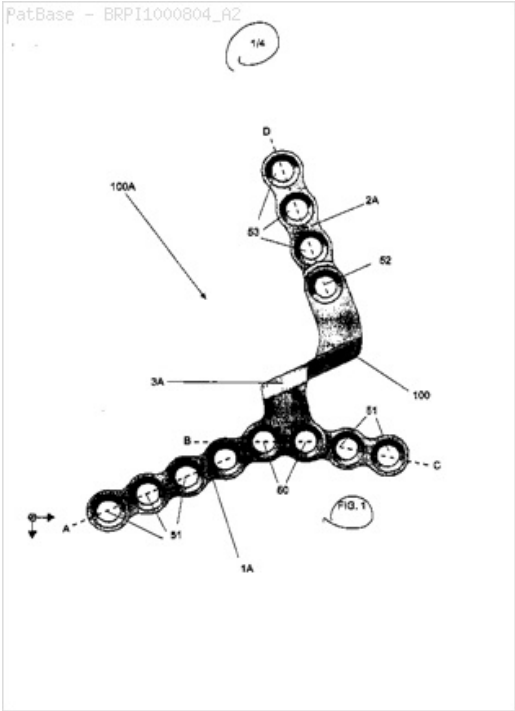
Title: sistema de fixacao de dupla espessura para osteosintese Fixation system of double thickness for Osteosynthesis (Machine translation)

Abstract: Source: BRPI1000804A [PT] SISTEMA DE FIXACAO DE DUPLA ESPESSURA PARA OSTEOSINTESE desenvolvido um conjunto de quatro placas de osteossintese para a osteotomia tipo Le Fort 1 que sao fixadas aos pilares nasais e zigomaticos, faz a correcao da estrutura esquelética maxilar em cirurgia ortognática. Consiste em placas (100) que possuem uma serie sequencial de orificios com formato interno conico, sendo placas 100A e 100C que sao destinadas a fixacao dos pilares nasais, sendo que a placa 100C difere-se por apresentar características de maior fixacao e resistencia em relacao a placa 100D. E placas 100B e 100D que sao destinadas para os pilares zigomaticos, sendo que a placa 100D difere-se por apresentar características de maior fixacao e resistencia em relacao a placa 100B. Compreendem uma estrutura (100) em corpo unico com dupla espessura, duas laminas, lamina horizontal(1) e lamina vertical(2), que apresentam os orificios, de espessura variada, para fixacao com parafusos. Os orificios que se unem a uma haste de ligacao (3) caracterizam-se por ser mais espessos que os outro orificios das laminas (1) (2); ambas as laminas (1) (2) possuem a disposicao em planos ortogonais distintos e separados pela dita haste de ligacao.

Machine translation: FIXING SYSTEM FOR DOUBLE THICKNESS osteosynthesis developed a set of four plates for osteosynthesis osteotomy Le Fort 1 which are fixed to the nasal and zygomatic pillars, makes the correction of maxillary skeletal structures in orthognathic surgery. It consists of plates (100) that have a series of sequential holes with internal

conical shape, with plates 100A and 100C that are intended for nasal fixation of the pillars, and the plate 100C differs by presenting features and greater fixation strength in relation plate 100D. And plates 100B and 100D are designed for the zygomatic buttress, and the plate 100D differs by presenting features and greater fixation strength in relation to board structure 100B.Compreendem (100) in single body with double-thick, two blades, horizontal lamina (1) and vertical blade (2), showing the holes of varying thickness for fixation with screws. The holes that attach to a connecting rod (3) are characterized by being thicker than the other holes of the blades (a) (2) both blades (a) (2) have the disposition in orthogonal planes and separated by said connecting rod.

Classifications:
International (IPC 8-9): A61B17/68 A61C8/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
BRPI1000804 A2	20110524	BR2010PI00804	20100331

Priority:
BR2010PI00804 20100331

Probable Assignee: M D T IND E COM DE IMPLANTES ORTOPEDICOS LTDA

Assignee(s): (std): M D T IND E COM DE IMPLANTES ORTOPEDICOS LTDA

Assignee(s): M D T INDUSTRIA E COMERCIO DE IMPLANTES ORTOPEDICOS LTDA

Inventor(s): (std): VITA RENATO

Inventor(s): RENATO VITA

8) Family number: 42779877 (US2010256773A)

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Title: SURGICAL IMPLANT COMPOSED OF A POROUS CORE AND A DENSE SURFACE LAYER

Abstract: A surgical implant (10) includes a porous core part (11) made of a porous biocompatible material and a dense shell (12) made of a biocompatible material provided on a part of the surface of the porous core part which forms an interface with biological soft tissue. The dense shell shields the porous core from in-growth of soft tissue. The porous core part has open interconnected pores. A method of manufacturing a surgical implant includes the steps of: producing a porous core part, applying a viscous suspension on a part of the surface of the porous core part and applying a thermal treatment.

Classifications:

International (IPC 8-9): A61C13/007 A61C13/01 A61C8/00

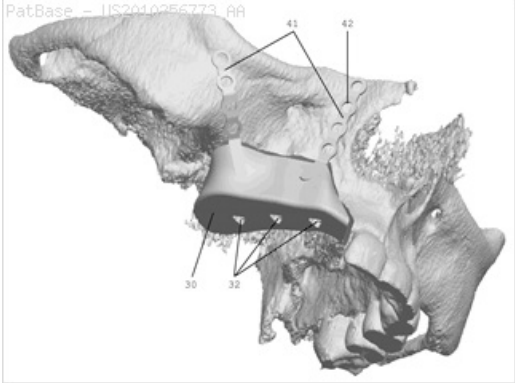
A61F2/28 B05D3/02 (Advanced/Invention);

A61C8/00 A61F2/28 (Core/Invention)

CPC: A61C8/0006 A61B17/86 A61C8/0012 A61C8/0027 A61F2/2803 A61F2/2875 A61F2/30767 A61F2/3094 A61F2/30942 A61F2002/30011 A61F2002/30578 A61F2002/30703 A61F2002/30705 A61F2002/30808 A61F2002/30828 A61F2002/3092 A61F2002/30957 A61F2002/30968 A61F2250/0023 A61F2310/00017 A61F2310/00023 A61F2310/00029 A61F2310/00179 A61F2310/00185 A61F2310/00203 A61F2310/00239 A61F2310/00293 A61F2310/00401 A61F2310/00407 A61F2310/00413 A61F2310/00592 A61F2310/00604 A61F2310/00634 A61F2310/00796 B22F7/004 B22F2998/00 C22C1/08

European: A61C8/00C1A A61C8/00E A61C8/00F3 A61F2/28B A61F2/30L B22F7/00B2 C22C1/08 K61B17/86 K61F2/28S K61F2/30A1N3 K61F2/30A3W14A K61F2/30A5N4 K61F2/30A5N6 K61F2/30L2B9P K61F2/30L2G9P K61F2/30L5 K61F2/30M K61F2/30M2 K61F2/30M2M K61F2/30M6 K61F250/00N8 K61F310/00A2A K61F310/00A2E K61F310/00A2F K61F310/00A6 K61F310/00A6A K61F310/00A6A13 K61F310/00A6A40 K61F310/00A6E K61F310/00L2A K61F310/00L2E K61F310/00L2F K61F310/00L6 K61F310/00L6A13 K61F310/00L6A40 K61F310/00L6E L22F998/00

US: 427/2.24 427/2.240S 623/23.55 623/23.550P



Family:

Publication number	Publication date	Application number	Application date
CA2692498 AA	20090108	CA20082692498	20080703

CA2692498 C	20150901	CA20082692498	20080703
EP2173280 A1	20100414	EP20080774737	20080703
JP2010531694 T2	20100930	JP20100513993T	20080703
JP5318864 B2	20131016	JP20100513993T	20080703
US2010256773 AA	20101007	US20080666156	20080703
WO09004070 A1	20090108	WO2008EP58625	20080703

Priority:

EP20070011662 20070703 EP20070111662 20070703 WO2008EP58625 20080703
EP20080774737 20080703

Probable Assignee: VITO

Assignee(s): (std): BOUWEN WIM ; DEJONGHE NORBERT ; LUYTEN JAN ; MULLENS STEVEN ; THIJS IVO ; VITO

Assignee(s): VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK V ; VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK VI ; VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK VITO ; VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N V VITO ; VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK (VITO) NV ; VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK VITO NV

Inventor(s): (std): BOUWEN WIM ; DEJONGHE NORBERT ; LUYTEN JAN ; MULLENS STEVEN ; THIJS IVO

Agent(s): GOWLING LAFLEUR HENDERSON LLP; PRONOVEM; MERCHANT AND GOULD PC; PRONOVEM - OFFICE VAN MALDEREN

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

9) Family number: 49809934 (US2013209953A)

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Title: SYSTEM AND METHOD FOR GUIDING DENTAL TREATMENT TOOLS

Abstract: The invention is a system and method for guiding a dental treatment tool. The system comprises a guidance device inserted into the mouth and an analyzer unit receiving tool location information from the device and providing an image indicating the location of the tool in relation to the jaw. The guidance device provides a platform to which any type of dental tool can be attached and supports the tool, allowing it to be moved in any direction. The system tracks the motion of the tool and displays its location and orientation relative to a three dimensional coordinate system whose origin is located on part of the device. Prior to the procedure the practitioner designs a surgery or treatment path, which is displayed on top of an image of a region in the mouth. An image of the tool showing its instantaneous location and orientation is displayed as an overlay.

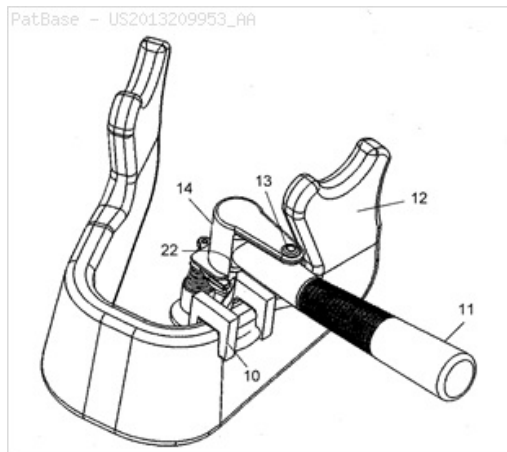
Classifications:

International (IPC 8-9): A61B6/03 A61B6/14 A61C A61C1/00 A61C1/08 A61C19/04 A61C3/02 A61C8/00 (Advanced/Invention)

CPC: A61C1/082 A61B6/032 A61B6/145 A61B2017/00123 A61C1/0046 A61C1/084 A61C3/02 A61C8/009 A61C19/04 A61B34/20 A61B2034/107 A61B2034/2059

European: A61B19/52H12 A61C1/08F K61B17/00C2A2 K61B19/50D K61B19/52H12B8 K61C1/08F1

US: 433/215 433/27



Family:

Publication number	Publication date	Application number	Application date
EP2552346 A1	20130206	EP20110771681	20110328
IL222114 A0	20121129	IL20110222114	20110328
US2013209953 AA	20130815	US20110636891	20110328
WO11132183 A1	20111027	WO2011IL00279	20110328

Priority:

US20100318321P 20100328 US20110636891 20110328 WO2011IL00279 20110328

Probable Assignee: IGS DENTAL LTD

Assignee(s): (std): ARLINSKY DAVID ; GOLDENBERG GERSHON ; IGS DENTAL LTD ; KFIR PINCHAS

Inventor(s): (std): GOLDENBERG GERSHON ; ARLINSKY DAVID ; KFIR PINCHAS

Agent(s): Delorme Nicolas; LUZZATTO AND LUZZATTO ET AL

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 TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW