

1) Family number: 34299110 (US2009010989A)

© PatBase

Title: COATING FOR IMPLANTS AND IMPLANTS WITH IMPROVED OSTEOINTEGRATION, AND MANUFACTURING METHOD

Abstract: A coating on an implant, said implant being intended for implantation in/on an implantation area, is provided. The coating comprises nitric oxide (NO) for obtaining an anti-viral, anti-fungal, and anti-bacterial effect, and for promotion of osteo-integration of the implant, bone healing, bone growth, and wound healing at said implantation area. A nitric oxide (NO) eluting polymer is integrated with a carrier material, such that said carrier material, in use, regulates and controls the elution of a therapeutic dosage of nitric oxide (NO). An implant and a kit of implants, comprising said coating are also provided. Furthermore, a manufacturing method for the implant is disclosed.

Classifications:

International (IPC 8-9): A61B17/12 A61C8/00 A61F2/00 A61F2/04 A61F2/18 A61F2/24 A61F2/28 A61F2/32 A61K33/00 A61K9/10 A61L27/00 A61L27/44 A61L27/48 A61L27/54 A61L29/12 A61L29/16 A61L31/10 A61L31/12 A61L31/16 B05D1/00 (Advanced/Invention); A61B17/12 A61C8/00 A61F2/00 A61F2/04 A61F2/18 A61F2/24 A61F2/28 A61F2/32 A61K33/00 A61K9/10 A61L27/00 A61L29/00 A61L31/08 A61L31/12 A61L31/14 B05D1/00 (Core/Invention)

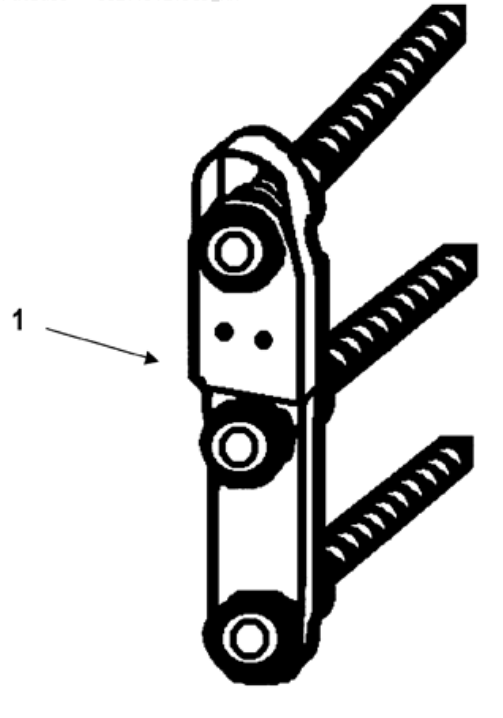
International (IPC 1-7): A61L27/44

CPC: A61K33/00 A61L27/34 A61L31/10 A61L31/16 A61L2300/114 A61L2300/404 A61L2300/408 A61L2300/412 A61L2300/606 A61L2300/622 A61L2300/624 A61F2310/0097 A61L27/54

European: A61K33/00 A61L27/34 A61L27/54 A61L31/10 A61L31/16 K61F310/00L33 K61L300/114 K61L300/404 K61L300/408 K61L300/412 K61L300/606 K61L300/622 K61L300/624

US: 424/423 424/423P 424/484 424/484S 424/718 424/718S 427/2.14 427/2.140S

PatBase - US2009010989_AA

**Family:**

Publication number	Publication date	Application number	Application date
CA2617549 AA	20080131	CA20062617549	20060213
CN101287505 A	20081015	CN200680032253	20060213
EP1764119 A1	20070321	EP20050019717	20050909
EP1924303 A1	20080528	EP20060708240	20060213
IN00268MN2008 A	20090626	IN2008MN00268	20080213
JP2009507539 T2	20090226	JP20080529568T	20060213
US2009010989 AA	20090108	US20060065601	20060213
WO07028657 A1	20070315	WO2006EP50903	20060213

Priority:

EP20050019717 20050909 US20050716192P 20050912 EP20060708240 20060213
 US20060065601 20060213 WO2006EP50903 20060213

Probable Assignee: NOLABS AB**Assignee(s):** (std): NOLABS AB ; NOLABS AB ; PETERS TOR**Inventor(s):** (std): PETERS TOR ; TOR PETERS**Agent(s):** G RONALD BELL AND ASSOCIATES; KRAHBICHLER ERIK; KNOBBE MARTENS OLSON AND BEAR LLP

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

2) Family number: 72250273 (WO18219590A1)

© PatBase

Title: AN IMPLANTABLE MEDICAL DEVICE

Abstract: The invention broadly provides an implantable medical device comprising a liquid rope coil scaffold. The implant may consist essentially of the scaffold, where the scaffold is the implant and pores in the scaffold may incorporate one or more agents (i.e. drugs, growth factors), or the scaffold may comprise only part of the medical device, for example an implant that is partly or fully covered with a layer of the scaffold. The porosity of the scaffold may be tailored to suit the application, for example a porosity that is tailored to hold and release drug or biological molecules in vivo, a porosity to

provide a surface roughness that is conducive to promotion of in-vivo bio-integration (for example vascularisation) or prevention of fibrosis, or a porosity that provides structural strength. The scaffold may be essentially tubular, or may be provided as a planar structure, or may be any shape and can be used to coat, fully or partially any shape or size of medical implant.

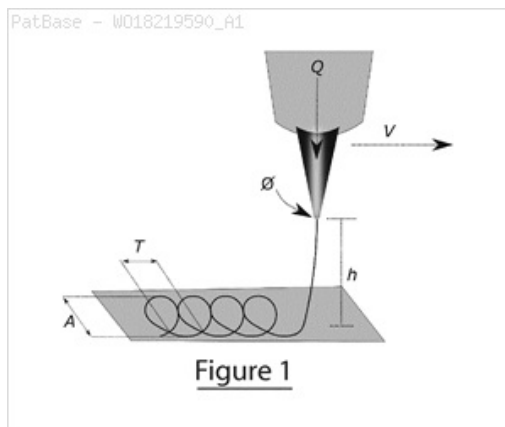
Classifications:

International (IPC 8-9): A61F2/02 (Advanced/Invention)

CPC: A61F2/022 A61K35/12 A61K2035/126 A61L27/3804

A61L27/3834 A61L27/56 C12N2533/30 A61L27/54 A61L2300/62

A61L2300/64 C12N5/0012 C12N5/0068 C12N2535/00



Family:

Publication number	Publication date	Application number	Application date
EP3409239 A1	20181205	EP20170173244	20170529
WO18219590 A1	20181206	WO2018EP61513	20180504

Priority:

EP20170173244 20170529

Probable Assignee: UNIV COLLEGE DUBLIN NAT UNIV IRELAND DUBLIN

Assignee(s): (std): UNIV COLLEGE DUBLIN NAT UNIV IRELAND DUBLIN

Assignee(s): COLLEGE DUBLIN NATIONAL OF IRELAND DUBLIN UNIV

Inventor(s): (std): O CEARBHAILL EOIN ; COULTER FERGAL

Agent(s): PURDY HUGH BARRY; PURDY BARRY

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 JO JP KE KG KH 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

3) Family number: 33113346 (US2006154063A)

© PatBase

Title: NANOFIBER CONSTRUCT AND METHOD OF PREPARING THEREOF

Abstract: The present invention provides a composite nanofiber construct comprising: at least a first nanofiber comprising at least a polymer and at least a calcium salt nanoparticle, wherein the ratio of polymer to calcium salt nanoparticle is between the range of 99:1 and 10:90 weight percent; and at least a second nanofiber comprising at least a polymer and at least a calcium salt nanoparticle, wherein the ratio of polymer to calcium salt nanoparticle is between the range of 100:0 and 70:30 weight percent. The present invention also provides a method of preparing the composite nanofiber construct.

Classifications:

International (IPC 8-9): D02G3/00 (Advanced/Invention);

A61L27/14 A61L27/50 (Advanced/Non-invention);

D02G3/00 (Core/Invention);

A61L27/00 B82B1/00 B82B3/00 D01F2/00 (Core/Non-invention)

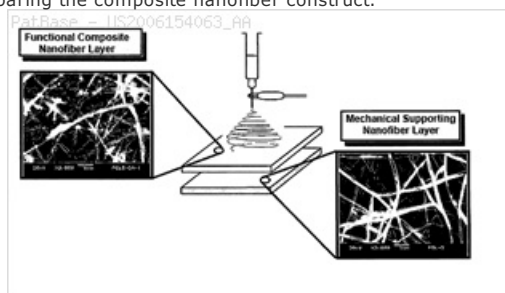
CPC: D01F1/10 A61L27/18 A61L27/46 A61L2400/12 A61L2400/18

D01D5/0007 D01F6/625 Y10T428/2929

European: A61L27/18 A61L27/46 D01D5/00E D01F6/62B

K61L400/12 K61L400/18

US: 428/373 428/373P



Family:

Publication number	Publication date	Application number	Application date
SG123727 A1	20060726	SG20050008100	20051215
US2006154063 AA	20060713	US20050300379	20051215

Priority:

US20040636356P 20041215

US20050300379 20051215

Probable Assignee: NATIONAL UNIV OF SINGAPORE

Assignee(s): (std): CHAN KWAN HO C ; FUJIHARA KAZUTOSHI ; KOTAKI MASAYA ; RAMAKRISHNA SEERAM ; UNIV SINGAPORE

Assignee(s): NATIONAL UNIV ; NATIONAL UNIV OF SINGAPORE ; NATIONAL UNIVERSITY OF SINGAPORE

Inventor(s): (std): FUJIHARA KAZUTOSHI ; KOTAKI MASAYA ; RAMAKRISHNA SEERAM ; CHAN KWAN HO C ; KAZUTOSHI FUJIHARA ; SEERAM RAMAKRISHNA ; CHAN KWANHO CASEY

Inventor(s): CHAN KWAN HO

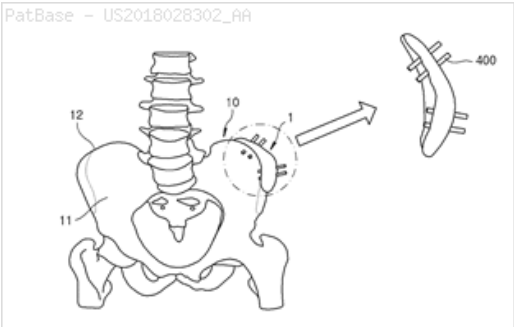
Agent(s): DICKSTEIN SHAPIRO MORIN AND OSHINSKY LLP

Title: IMPLANTS AND METHODS FOR COSMETIC SURGERY

Abstract: An implant for attachment to a human pelvic bone for cosmetic purposes. The implant is attachable to the iliac crest. A silicone cover is attachable to the implant. Implant plates may be attached to the humeral bone, the tibia, and the femur, and silicone may be attached to the plates.

Classifications:

International (IPC 8-9): A61F2/00 A61F2/28 (Advanced/Invention)
International (IPC 1-7): A61F2/28
CPC: A61F2002/285 A61F2220/0016 A61F2310/00017
A61F2310/00023 A61F2310/00179 A61B17/80 A61B17/8085
A61F2/28 A61F2/30942 A61F2220/0008 A61F2240/002 A61B17/56
A61B2017/564
US: 1/1 623/23.72



Family:

Publication number	Publication date	Application number	Application date
BR112019001592 A2	20190507	BR20191101592	20170125
CN109561966 A	20190402	CN201780044517	20170125
CO20190001643 A2	20190308	CO20190001643	20190222
KR101698489 B1	20170120	KR20160094758	20160726
MX2019001141 A1	20190916	MX20190001141	20170125
US2018028302 AA	20180201	US20170415818	20170125
WO18022138 A1	20180201	WO2017US14996	20170125

Priority:

KR20160094758 20160726 WO2017US14996 20170125

Probable Assignee: BIOCOEN CO LTD

Assignee(s): (std): OSTY MEDITECH LLC ; WON YOU GUN ; WON YOUNG ; YOUNG WON ; BIOCOEN CO LTD

Assignee(s): OIL GUN ; BIOCOEN CO

Inventor(s): (std): WON YOUNG ; YOUNG WON ; WON YOU GUN

Agent(s): AMUNDSEN ERIC L

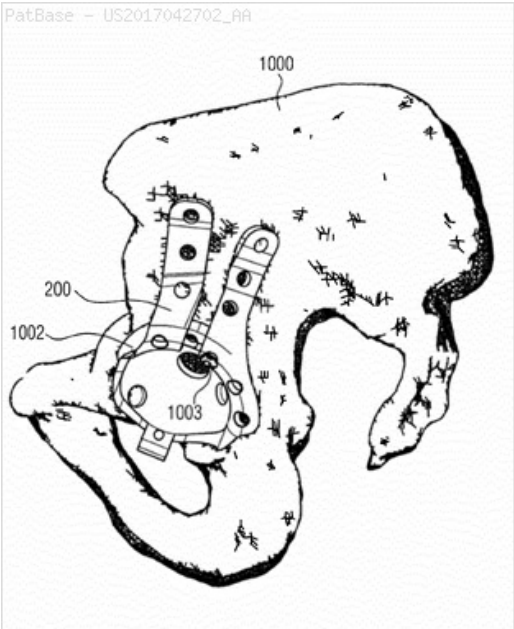
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR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

Title: DEVICE FOR ATTACHING A POSITIONING DEVICE TO A BONE OF A PATIENT, DEVICE FOR TREATING A BONE OF A PATIENT, AND HIP IMPLANT SYSTEM

Abstract: A device for attaching a positioning device to a bone of a patient at a predetermined position relative to a hip implant comprising a trial hip implant and a template. The trial hip implant has a support surface for resting on the bone of the patient. The template can be secured to the trial hip implant and has at least one cylindrical opening with a longitudinal axis. The trial hip implant is shaped such that any straight line which runs through one of the at least one cylindrical opening and is parallel to the longitudinal axis of the respective opening does not intersect the trial hip implant when the template is secured to the trial hip implant.

Classifications:

International (IPC 8-9): A61B17/17 A61B34/00 A61B90/00 A61F2/32
A61F2/34 A61F2/46 (Advanced/Invention);
A61B19/00 A61F2/32 (Advanced/Non-invention)
CPC: A61B17/1746 A61B2090/062 A61B90/06 A61F2/32 A61F2/4684
US: 1/1 623/22.12



Family:

Publication number	Publication date	Application number	Application date
DE102014208283 A1	20151105	DE201410208283	20140502
DE102014208283 B4	20190110	DE201410208283	20140502
EP3136993 A1	20170308	EP20150720935	20150424
EP3136993 B1	20190717	EP20150720935	20150424
JP2017514581 T2	20170608	JP20160563952T	20150424
JP6478130 B2	20190306	JP20160563952T	20150424
US2017042702 AA	20170216	US20150306188	20150424
US10561505 BB	20200218	US20150306188	20150424
WO15165817 A1	20151105	WO2015EP58933	20150424

Priority:

DE201410208283 20140502 WO2015EP58933 20150424

Probable Assignee: PETER BREHM HOLDING GMBH AND CO KG

Assignee(s): (std): BREHM PETER ; PETER BREHM HOLDING GMBH AND CO KG

Inventor(s): (std): BREHM PETER

Agent(s): GRUENECKER PATENT U RECHTSANWALTE PARTG MBB; FATTIBENE AND FATTIBENE LLC; FATTIBENE PAUL A; PFAU ANTON

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

6) Family number: 44402837 (US2011144752A)

© PatBase

Title: CUSTOMIZED IMPLANTS FOR BONE REPLACEMENT

Abstract: The present invention relates to customized implants for bone replacement that are prepared from poly(ether ketone ketone) or PEKK, and to a computer-based imaging and rapid prototyping (RP)-based manufacturing method for the design and manufacture of these customized implants. The PEKK customized implants made using rapid prototyping demonstrate biomechanical properties similar (if not identical) to that of natural bone even when prepared without the use of processing aids such as carbon black and aluminum powder.

Classifications:

International (IPC 8-9): A61F2/28 A61F2/30 A61F2/44 A61K9/00 A61L27/00 A61L27/16 A61L27/46 A61L27/54 A61L27/56 B29C64/153 B29C67/00 B33Y80/00 C08G16/00 (Advanced/Invention); B29K71/00 B29L31/00 (Advanced/Non-invention); A61F2/28 (Core/Invention)

CPC: A61F2/30771 A61F2002/3097 A61F2002/30968 A61F2002/30784 A61F2002/30838 A61F2002/30774 A61F2002/3093 A61F2002/30948 B29K2071/00 B29L2031/7532 B33Y80/00 C08L29/12 A61F2/28 A61F2/30942 A61F2002/3092 A61F2002/30952 A61F2002/30962 A61F2240/002 A61L27/165 A61L27/54 A61L27/56 A61L2300/602 A61L2430/02 B29C64/153

European: A61F2/28 A61L27/16B A61L27/54 A61L27/56 K61F2/30L5 K61F2/30M2 K61F2/30M2C K61F2/30M2S K61F240/00M2 K61L300/602

US: 1/1 264/497 523/115 523/115S 528/220 528/220S 623/16.11 623/16.110P 623/23.5 623/23.61

Family:

Publication number	Publication date	Application number	Application date
CN102143721 A	20110803	CN200980135785	20090807
EP2349107 A1	20110803	EP20090807104	20090807
EP2349107 A4	20131016	EP20090807104	20090807
EP2349107 B1	20161221	EP20090807104	20090807
IN01064DN2011 A	20111202	IN2011DN01064	20110214
JP2011530387 T2	20111222	JP20110523055T	20090807
US2011144752 AA	20110616	US20090058905	20090807
US2015351915 AA	20151210	US20150815348	20150731
US2019060078 AA	20190228	US20180176458	20181031
US10143555 BB	20181204	US20150815348	20150731
WO10019463 A1	20100218	WO2009US53104	20090807

Priority:

US20080088838P 20080814 US20090058905 20090807 WO2009US53104 20090807
US20110058905 20110214 US20150815348 20150731 US20180176458 20181031

Probable Assignee: OXFORD PERFORMANCE MATERIALS INC

Assignee(s): (std): ARKEMA INC ; DECARMINE ANTHONY ; DEFELICE SCOTT ; DEFELICE SCOTT F ; OPM MEDICAL ACQUISITION LLC ; OXFORD PERFORMANCE MAT INC ; OXFORD PERFORMANCE MAT LLC

Assignee(s): WEBSTER BANK NATIONAL ASSOCIATION ; OXFORD PERFORMANCE MATERIALS LLC ; OXFORD PERFORMANCE MATERIALS INC

Inventor(s): (std): DEFELICE SCOTT F ; DECARMINE ANTHONY ; ANTHONY DECARMINE ; DEFELICE SCOTT

Inventor(s): SCOTT F DEFELICE

Agent(s): GAVIN PABLO; ISRAELSSON STEFAN; WHITMYER IP GROUP LLC; ROLAND THOMAS F 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 TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DEVICE AND METHOD FOR LESS INVASIVE SURGICAL STABILIZATION OF PELVIC FRACTURES

Abstract: Disclosed are an apparatus and its associated method for minimally invasive stabilization of anterior pelvic fractures. The pelvic stabilization system consisting of two rod shaped implants that may be surgically inserted subcutaneously or along the bone surface of each hemipelvis and a means of both linking the individual rods as well as rigidly securing the construct to the pelvis.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/08 A61B17/56

A61B17/58 (Advanced/Invention);

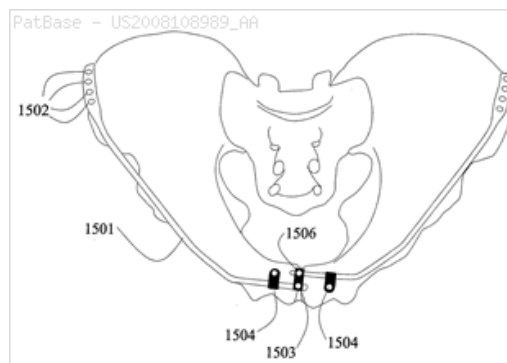
A61B17/00 A61B17/03 A61B17/56 A61B17/58 (Core/Invention)

CPC: A61B17/68 A61B17/8066 A61B17/88

European: A61B17/68 A61B17/80H2 K61B17/80H2 K61B17/88

US: 606/103 606/103S 606/151 606/151S 606/281 606/60 606/60P

606/71 606/73

**Family:**

Publication number	Publication date	Application number	Application date
US2008108989 AA	20080508	US20070906849	20071005
US8398637 BB	20130319	US20070906849	20071005

Priority:

US20060856610P 20061106 US20070906849 20071005

Probable Assignee: COLE PETER ALEXANDER

Assignee(s): (std): COLE PETER ALEXANDER ; PARSELL DOUGLAS ERIC

Inventor(s): (std): COLE PETER ALEXANDER ; PARSELL DOUGLAS ERIC

Agent(s): DOUGLAS PARSELL; WORKMAN NYDEGGER

Title: METHOD AND APPARATUS FOR Laterally ACCESSING AN INTERVERTEBRAL DISC SPACE

Abstract: A method for laterally accessing a lumbosacral intervertebral disc space of a patient includes positioning the patient laterally and making an incision to provide lateral access to the patient's iliac crest. A bracket (24) may be placed on the iliac crest and a retractor (28) may be attached to the bracket such that a distal end of the retractor is positioned over the lumbosacral intervertebral disc space while a proximal end of the retractor provides an entry space for a surgeon to insert at least one tool (90). The surgeon may perform a surgical procedure on the lumbosacral intervertebral disc space through a channel (49) defined by the retractor.

Classifications:

International (IPC 8-9): A61B1/32 A61B17/00 A61B17/02

A61B17/34 A61B17/70 A61B90/50 A61F2/46 (Advanced/Invention);

A61B17/00 A61B17/02 A61B19/00 (Advanced/Non-invention);

A61B17/34 (Core/Invention);

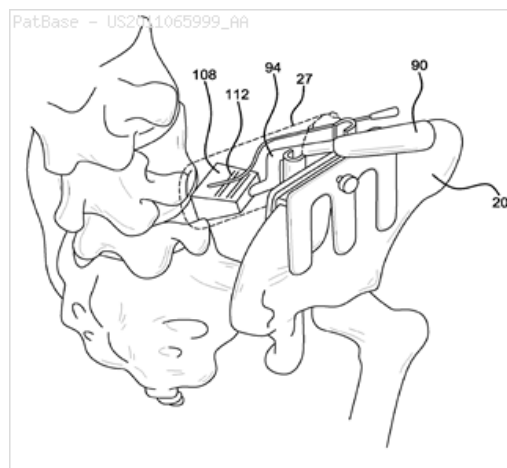
A61B17/00 A61B17/02 (Core/Non-invention)

International (IPC 1-7): A61B17/00 A61B17/02 A61B17/34

CPC: A61B17/0218 A61B90/50 A61B2017/00261

European: A61B17/02E K61B17/00E1D K61B19/26

US: 600/201 600/201P 600/210 600/215 600/224 600/227 606/86A

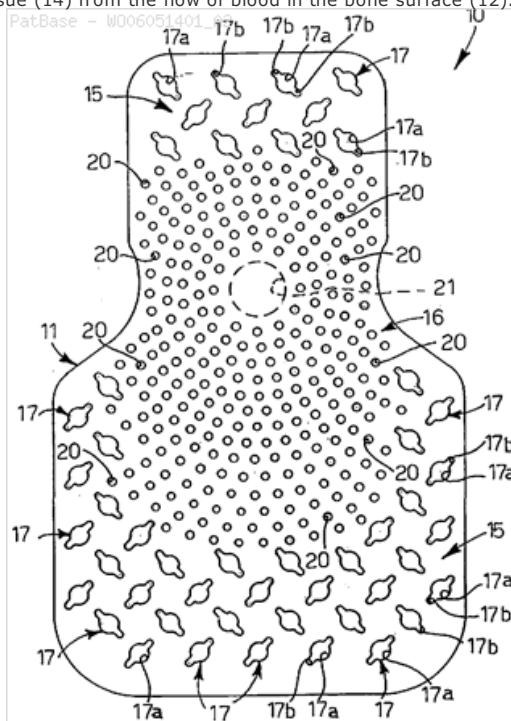
**Family:**

Publication number	Publication date	Application number	Application date
BRPI0910688 A2	20170627	BR2009PI10688	20090507
CA2723408 AA	20101103	CA20092723408	20090507
CN102014774 A	20110413	CN200980116267	20090507
CN102014774 B	20130109	CN200980116267	20090507
EP2276412 A1	20110126	EP20090743686	20090507
EP2276412 B1	20160629	EP20090743686	20090507
IN06944CN2010 A	20110708	IN2010CN06944	20101028
JP2011519691 T2	20110714	JP20110508673T	20090507
JP5443474 B2	20140319	JP20110508673T	20090507
KR20110010600 A	20110201	KR20107024347	20090507
US2011065999 AA	20110317	US20090991018	20090507
US8808172 BB	20140819	US20090991018	20090507
WO09137700 A1	20091112	WO2009US43177	20090507

Priority:

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 VA ZM ZW

K61F310/00A2A K61F310/00A2E



Publication number	Publication date	Application number	Application date
ITUD20040213 A1	20050212	IT2004UD00213	20041112
WO06051401 A2	20060518	WO2005IB03379	20051111
WO06051401 A3	20061228	WO2005IB03379	20051111

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

PatBase PDF Export - Page: 6 03/04/2020

10 kOe. In one embodiment of the invention, a pair of pumps are provided, with each being coupled to a respective ventricle of an artificial heart. In a second embodiment, a pair of pumps is connected to a single left-ventricular assist device. Each pump is mounted to the pelvic bone in the vicinity of the iliac crest. Fluid communication between the pump and its associated ventricle or left-ventricular assist device is provided by a length of flexible tubing extending subcutaneously up from the pump. Means are provided to enable periodic reversal of internal system leakage, and to enable replenishment of fluid lost from the system. Each electromagnet may be operated and powered by a plurality of rechargeable batteries and a PWM-type controller with a DC/DC converter. The electromagnets, batteries, and controller may be supported on a belt or girdle to provide a portable system, or alternatively may be mounted in a stationary support.

Classifications:

International (IPC 8-9): A61M1/10 (Advanced/Invention);

A61F2/02 (Advanced/Non-invention);

A61M1/10 (Core/Invention);

A61F2/02 (Core/Non-invention)

International (IPC 1-7): A61F2/22 A61M1/10

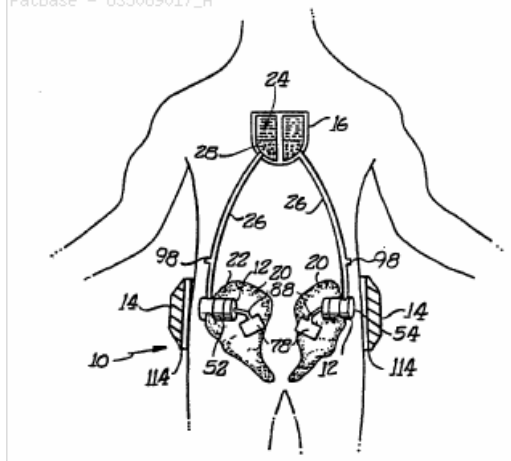
CPC: A61M1/1037 A61M1/1096 A61M1/12 A61M1/122 A61M1/127

A61M2205/8243 A61M1/106 A61F2250/0001

European: A61M1/10E4H

US: 623/3 623/3.11

PatBase - US5089017_A



Family:

Publication number	Publication date	Application number	Application date
US5089017 A	19920218	US19890298119	19890117
WO9310829 A1	19930610	WO1991US08888	19911126

Priority:

US19890298119 19890117 WO1991US08888 19911126

Probable Assignee: PAWLAK ANDRZEJ M

Assignee(s): (std): PAWLAK ANDRZEJ M ; YOUNG DAVID B

Inventor(s): (std): PAWLAK ANDRZEJ M ; YOUNG DAVID B

Designated states: AT BE CA CH DE DK ES FR GB GR IT JP LU NL SE

11) Family number: 15082236 (JP10014956A)

© PatBase

Title: ILIAC CREST PROSTHETIC MEMBER

Abstract: PROBLEM TO BE SOLVED: To enable correction of a shape during operation by forming a flexible part to a central part of a body part. SOLUTION: An iliac crest prosthetic member 10 is made of a ceramic material such as alumina or zirconia or a metal material such as a titanium alloy. A body part 2 is built by linking two curved bar-shaped members with a hinged flexible part 3. A protruded engaging part 4 is formed integral on both end sides of the body part 2 to be driven and buried into a groove part formed by cutting a part of an iliac crest. The flexible part 3 allows quickly and handily correction of the shape even when there is slight impropriety of the shape between the engaging part 4 and a groove part formed in the iliac crest during the operation of setting a prosthetic part. This enables the driving of the engaging part 4 for fixing smoothly into the iliac crest thereby preventing a sliding of a thin part of the iliac crest as caused by an excessive load.

Classifications:

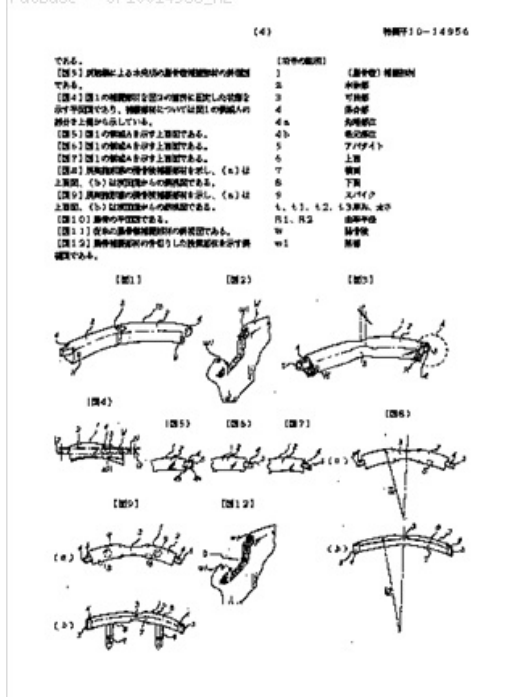
International (IPC 8-9): A61F2/28 A61L27/00 (Advanced/Invention);

A61F2/28 A61L27/00 (Core/Invention)

International (IPC 1-7): A61F2/28 A61L27/00

CPC: A61F2/28 A61F2002/30001

PatBase - JP10014956_A2



Family:

Publication number	Publication date	Application number	Application date
JP10014956 A2	19980120	JP19960167930	19960627
JP3469994 B2	20031125	JP19960167930	19960627

Priority:

JP19960167930 19960627

Probable Assignee: KYOCERA CORP
Assignee(s): (std): KYOCERA CORP
Inventor(s): (std): ISHIDA NORIYUKI

12) Family number: 46816092 (KR20100008951U)

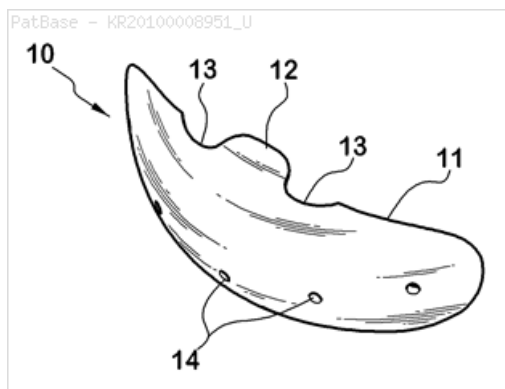
© PatBase

Title: CHIN IMPLANTS

Abstract: Source: KR200459611Y **Machine translation:** Present invention relates to an implant for cosmetic, implant insertion, especially after the external force even if you get plastic surgery in the treatment area may remain stably positioned chin implant is intended to provide for molding. To this end, the present invention of the lower jaw and chin chin bumps that endpoint is close correspondence between the contact surface is formed on the implant, wherein the contact surface on one side of the border of the lower jaw and jaw jaw endpoint deviation for each point to prevent adhesion between the surface extension formed integrally molding the chin implant is disclosed.

Classifications:**International (IPC 8-9):** A61F2/28 A61F2/30 (Advanced/Invention);

A61F2/28 A61F2/30 (Advanced/Non-invention)

CPC: A61F2/0059 A61F2230/0013**Family:**

Publication number	Publication date	Application number	Application date
KR200459611 Y1	20120404	KR20100002174U	20100303
KR20100008951 U	20100913	KR20100002174U	20100303

Priority:

KR20090002400U 20090303 KR20100002174U 20100303

Probable Assignee: SONG KI CHAN
Assignee(s): SONG KI CHAN

13) Family number: 55001683 (US2015051650A)

© PatBase

Title: ORTHOPEDIC BONE FIXATION SYSTEMS AND METHODS

Abstract: The orthopedic systems are patient-specific and provided with two types of features for positioning and/or fixing the plate to the bone or bone fragments. A method for generating bone plates comprises: generating a model of the bone defect or envisaged osteotomy based on one or more images of the bone and the surgical plan; designing based on said model a model corresponding to the envisioned repair of said bone defect/envisaged result of the osteotomy; generating a bone plate based on the information above, comprising: one or more patient-specific features corresponding to the surface of a bone fragment in the area close to the defect; and one or more fixation features whose position and/or orientation is such that the fixation elements will enter the bone in areas suitable for fixing the bone plate to each bone fragment.

Classifications:**International (IPC 8-9):** A61B17/15 A61B17/80 A61B19/00

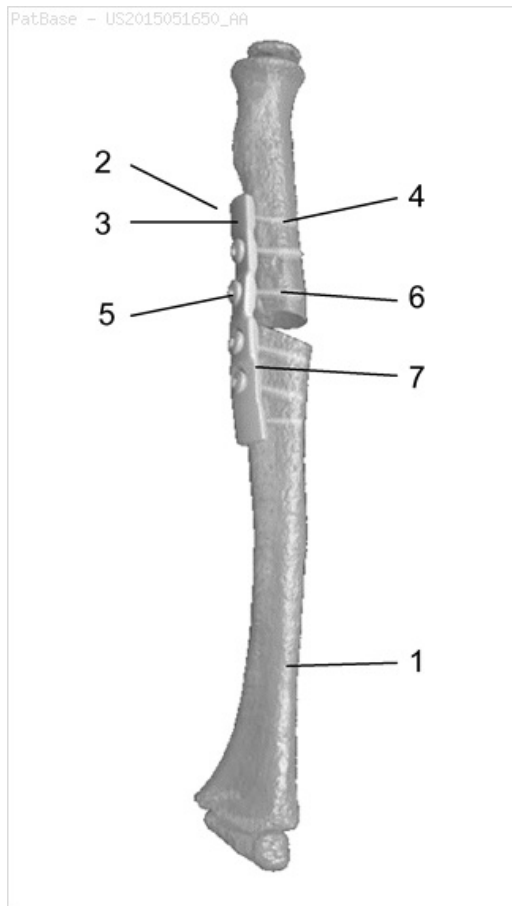
A61B34/00 G06F19/00 G16H50/50 (Advanced/Invention);

A61B17/00 A61B34/10 (Advanced/Non-invention)

CPC: A61B17/809 A61B17/80 A61B2017/00526 G16H50/50

A61B17/151 A61B2034/102 A61B2034/108 G06F19/00

US: 1/1 606/281 606/297 703/1

**Family:**

Publication number	Publication date	Application number	Application date
■ EP2838458 A1	20150225	EP20130720833	20130418
■ EP2838458 B1	20180912	EP20130720833	20130418
■ US2015051650 AA	20150219	US20140518647	20141020
■ US2018271569 AA	20180927	US20180993985	20180531
■ WO13156545 A1	20131024	WO2013EP58041	20130418

Priority:

US20120625819P 20120418 WO2013EP58041 20130418 US20140518647 20141020
 US20180993985 20180531

Probable Assignee: MATERIALISE NV

Assignee(s): (std): MAT N V ; MAT NV ; MATERIALISE NV ; VERSTREKEN FREDERIK

Inventor(s): (std): LENAERTS BRAM ; VANCRAEN WILFRIED ; VERSTREKEN FREDERIK

Agent(s): EIP; PAEMEN LIESBET RITA JOHANNA 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