

Search history

Search 1: FT=(clamp* and (fixation or fixing)) and CPC=(A61B17/64 or A61B17/00) (Results 150)

Search 2: 1 and PD<20140904 (Results 98)

Title: DISPOSABLE STAPLE CARTRIDGE HAVING AN ANVIL WITH TISSUE LOCATOR FOR USE WITH A SURGICAL CUTTING AND FASTENING INSTRUMENT AND MODULAR END EFFECTOR SYSTEM THEREFOR

Abstract: Source: US2007175950A [EN] A disposable staple cartridge for a surgical cutting and fastening instrument. Various embodiments include a disposable anvil that is supported relative to the cartridge body and movable between open and closed positions. At least one tissue stop is provided on the disposable anvil for orienting the tissue to be cut and stapled relative to the staples supported within the cartridge body. Other embodiments relate to end effectors for surgical cutting and fastening instruments that can be used in connection with a plurality of staple cartridge bodies that each have a common length but which may different lengths of staple lines.

Classifications:

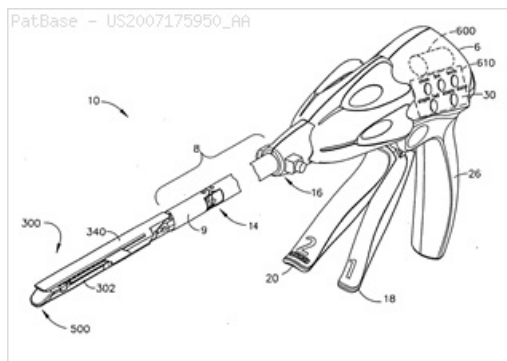
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International (IPC 1-7): A61B17/068 A61B17/072 A61B17/32 A61B18/04

CPC: A61B2018/00988 A61B18/20 A61B2018/0063 A61B2018/00994 A61B2018/1455 A61B17/0644 A61B2017/00123 A61B2017/00075 B23P6/00 Y10T29/49721 Y10T29/5191 A61B17/105 A61B17/00234 A61B2017/00353 A61B2090/0814 A61B2090/309 A61B90/90 A61B50/36 A61B17/320092 A61B2017/00039 A61B2017/00212 A61B2017/00477 A61B2017/0688 A61B2017/00022 A61B2017/2923 A61B2017/2946 A61B2017/320052 A61B2090/304 A61B2090/306 A61B19/2203 A61B19/44 A61B2019/2292 A61B2019/464 A61B2019/465 A61B2019/4857 A61B5/4836 A61B17/1114 A61B17/115 A61B17/1155 A61B2019/2242 A61B2019/4815 A61B2090/033 A61B34/74 A61B2090/069 B23Q3/1554 A61B34/70 A61B90/08 A61B34/25 A61B34/20 A61B17/32 A61B2034/303 A61B2034/302 A61B2017/00115 A61B2017/07271 A61B2017/00314 A61B2017/0042 A61B2017/00424 A61B2017/07257 A61B34/73 A61B2017/2927 A61B2017/2925 A61B2017/0023 A61B2017/2825 A61B34/30 A61B34/71 A61B90/30 A61B2017/00017 A61B2017/00221 A61B2017/00398 A61B2017/00402 A61B2017/00734 A61B2017/0725 A61B2017/07278 A61B2017/07285 A61B2017/2943 A61B17/00 A61B17/068 A61B17/072 A61B17/07207 A61B2017/00199 A61B2017/00685 A61B2017/07214 A61B2017/2903 A61B2090/0811 A61B34/76 A61B2090/064 A61B2090/065 A61B2090/0803

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Family:

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Priority:

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Probable Assignee: ETHICON ENDO SURGERY LLC

Assignee(s): (std): BROEHL JOSHUA M ; CRISP RYAN S ; CROPPER MICHAEL S ; EHTIKON EHND0 SERDZHERI INK ; ETHICON DEDO SURGERY INC ; ETHICON ENDO SURGERY INC ; ETHICON ENDO SURGERY LLC ; GILLUM CHRISTOPH L ; FLOAT JAMISON J ; TIMPERMAN EUGENE L ; OUWERKERK JOHN N ; SHELTON FREDERICK E IV ; JOHNSON AND JOHNSON ; MORGAN JEROME J ; SHELTON IV FREDERICK E ; SWAYZE JEFFREY S ; GIORDANO JAMES R ; SHELTON FREDERICK E ; MORGAN JEROME R ; YATES DAVID C ; ETIKON ENDO SERDZHERI INK ; ETHICON LLC

Assignee(s): ETHICON ENDO SURGERY INC4545 CREEK ROADCINCINNATIOH45242US ; ETHICON ENDO SURGERY LLC GUAYNABO ; ETHICON ENDO SURGERY INC CINCINNATI

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Inventor(s): SHELTON FREDERIK EHIV ; DAVID C YATES ; OUWERKERK JOHN ; MORGAN JEROME R CINCINNATI ; OUWERKERK JOHN N CINCINNATI ; SHELTON FREDERICK ; SHELTON FREDERICK E NEW VIENNA ; DOLL KEVIN R MASON ; TIMPERMAN EUGENE ; CHRISTOPH L GILLUM ; IV FREDERICK E SHELSTON GILLUM CHRISTOPH L ; IV FREDERICK E SHELTON MORGAN JEROME R ; SWAYZE JEFFREY ; GILLUM CHRISTOPH ; FUGIKAWA LESLIE M CINCINNATI ; FREDERICK E SHELTON IV ; FREDERICK E SHELTON IV ; EUGENE L TIMPERMAN ; MORGAN JEROME ; JOHN N OUWERKERK ; JEROME R MORGAN ; JEFFREY S SWAYZE ; ORTIZ MARK S MILFORD ; MORGAN JEROME RUS ; SWAYZE JEFFREY S HAMILTON ; SWAYZE JEFFREY SUS ; TIMPERMAN EUGENE L CINCINNATI ; SHELTON IV FREDERICK E NEW VIENNA ; SHELTON FREDERICK E IVUS ; SHELTON FREDERICK EIV ; RICHARD F SCHWEMBERGER ; RYAN J LAURENT ; RYAN S CRISP ; OUWERKERK JOHN NUS ; MICHAEL S CROPPER ; FREDERICK E IV SHELTON ; FREDERICK E SHELTON ; IV FREDERICK E SHELTON CROPPER MICHAEL S ; JAMES R GIORDANO ; JAMISON J FLOAT ; JEFFREY S SWAYZE ; JOSHUA M BROEHL ; FRANK E SHELTON ; DANIEL J ABBOTT ; CHAD P BOUDREAUX ; BREL' DZHOSHUA M. ; BRET W SMITH

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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

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Title: MINIMALLY INVASIVE ACCESS DEVICE AND METHOD

Abstract: Source: US2005075540A [EN] A device that provides access to a surgical location within a patient has an elongate body that has a proximal end, a distal end, and an inner surface. The inner surface defines a passage that extends through the elongate body. The elongate body is capable of having a configuration when inserted within the patient wherein the cross-sectional area of the passage at a first location is greater than the cross-sectional area of said passage at a second location. The first location is distal to the second location. The passage is capable of having a generally oval shaped cross section between the second location and the proximal end.

Classifications:

International (IPC 8-9): A61B1/313 A61B1/32 A61B17/02

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A61M29/00 (Advanced/Invention);

A61B1/31 A61B17/00 A61B17/17 A61B17/32

A61M1/00 (Advanced/Non-invention);

A61B1/31 A61B17/00 A61B17/16 A61B17/32 A61M1/00 (Core/Non-invention)

International (IPC 1-7): A61B17/02 A61B17/17 A61B17/34 A61F5/00 A61M29/00

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K61B17/70B K61B17/70B2 K61B17/70B5B K61B17/70B6 K61B17/70J

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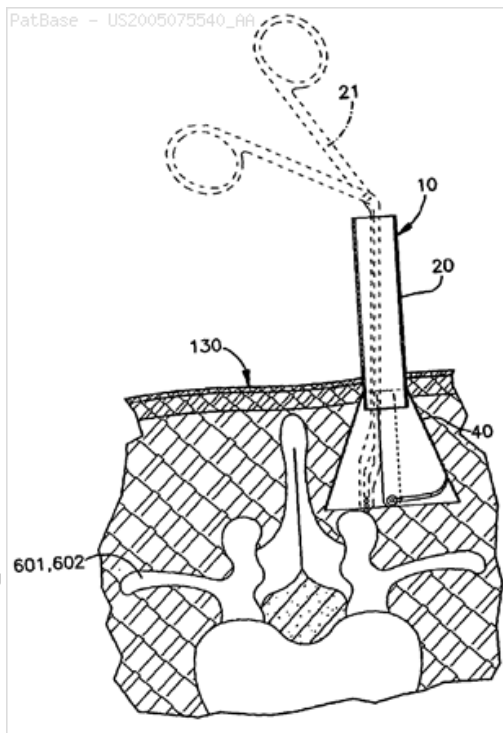
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606/86.00RP 606/86R

**Family:**

Publication number	Publication date	Application number	Application date
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Probable Assignee: ZIMMER SPINE INC

Assignee(s): (std): ENDIUS INC ; KIRK III KARL DALLAS ; KIRK KARL D III ; SHLUZAS ALAN E ; KIRKI III KARL DALLAS ; STOECKMANN WALTER ; VAN ROYEN DONALD ; LOWERY GARY ; LOWERY GARY L ; ROYEN DONALD V ; ZIMMER SPINE INC ; DIPOTO GENE ; DIPOTO GENE P

Inventor(s): (std): DIPOTO GENE ; DIPOTO GENE P ; KIRKI III KARL DALLAS ; LOWERY GARY ; SHLUZAS ALAN E ; STOECKMANN WALTER ; VAN ROYEN DONALD ; SHLUZAS ALAN ; ROYEN DONALD V ; LOWERY GARY L ; KIRKI III KARL ; KIRK KARL D III ; KIRK III KARL DALLAS

Inventor(s): KIRK ; III KARL DALLAS ; KIRK KARL ; KIRK KARL DIII ; ROYEN DONALD ; ROYEN DONALD VAN ; KIRK KARL DALLAS

Agent(s): BRAND THOMAS LOUIS; KNOBBE MARTENS OLSON AND BEAR LLP; CROMPTON SEAGER AND TUFTE LLC; SEAGER TUFTE AND WICKHEM LLC

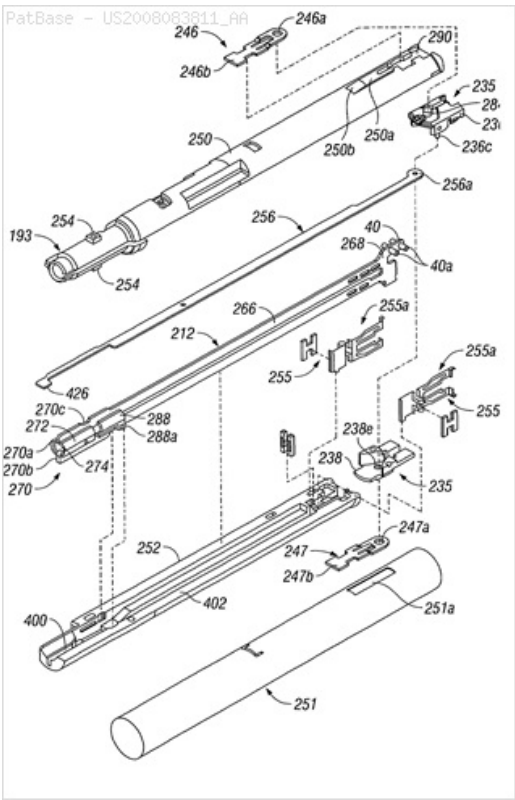
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO 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

Title: SURGICAL INSTRUMENT WITH ARTICULATING TOOL ASSEMBLY

Abstract: Source: US2008083811A [EN] A surgical stapling instrument including a handle portion, a body portion, an articulating tool assembly and an articulation mechanism is disclosed. The body portion extends distally from the handle portion. The articulation mechanism includes an articulation link for articulating the tool assembly, an articulation knob for rotating an interface member, the articulation link having a slit at a proximal end operatively connected to the interface member, wherein rotational motion of the articulation knob is translated into axial motion of the first and second articulation links thereby articulating the articulating tool assembly.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/04 A61B17/064 A61B17/068 A61B17/072 A61B17/08 A61B17/10 A61B17/115 A61B17/32 A61B17/94 A61B18/00 A61B19/00 A61B34/00 A61B8/12 A61B90/00 G01B11/00 G01D18/00 G01P3/36 H01M2/10 H01M2/20 (Advanced/Invention); A61B17/00 A61B17/068 A61B17/11 A61B17/29 A61B17/32 A61B19/00 A61B34/00 A61B90/00 G01D5/32 G05B11/28 (Advanced/Non-invention); A61B17/00 A61B17/03 A61B17/04 A61B17/064 A61B17/068 A61B17/94 (Core/Invention)
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Family:

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LP; TYCO HEALTHCARE GROUP LP,D/B/A COVIDIEN; TYCO HEALTHCARE GROUP LP D B A COVIDIEN

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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 NA NE 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

Title: PATIENT MATCHING SURGICAL GUIDE AND METHOD FOR USING THE SAME

Abstract: Source: US2011319745A [EN] A system and method for developing customized apparatus for use in one or more surgical procedures is disclosed. The system and method incorporates a patient's unique anatomical features or morphology, which may be derived from capturing MRI data or CT data, to fabricate at least one custom apparatus. According to a preferred embodiment, the customized apparatus comprises a plurality of complementary surfaces based on a plurality of data points from the MRI or CT data. Thus, each apparatus may be matched in duplicate and oriented around the patient's own anatomy, and may further provide any desired axial alignments or insertional trajectories. In an alternate embodiment, the apparatus may further be aligned with at least one other apparatus used during the surgical procedure.

Classifications:

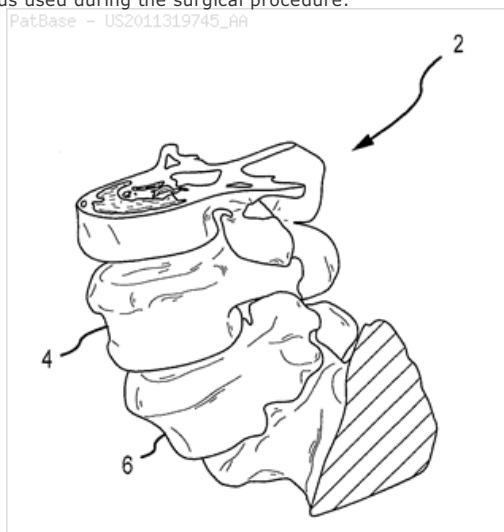
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Locarno class: 24/02



Family:

Publication number	Publication date	Application number	Application date
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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

Title: STRUCTURES, SYSTEMS AND METHODS FOR JOINING ARTICLES AND MATERIALS AND USES THEREFOR

Abstract: Source: US2004206448A [EN] This invention provides novel nanofibers and nanofiber structures which posses adherent properties, as well as the use of such nanofibers and nanofiber comprising structures in the coupling and/or joining together of articles or materials.

Classifications:

International (ipc 8-9): A61B17/00 A61B17/03 A61B17/08 A61B17/11 A61B17/56 A61B17/58 A61B17/68 A61B17/86 A61C8/00 A61F13/00 A61F13/02 A61F13/06 A61F13/56 A61F2/00 A61F2/02 A61F2/06 A61F2/28 A61F2/30 A61F2/32 A61F2/38 A61F2/40 A61F2/42 A61F2/44 A61F2/82 A61F2/84 A61F5/00 A61K31/337 A61K31/436 A61K33/38 A61K45/00 A61K47/30 A61K47/48 A61K9/00 A61K9/70 A61L15/00 A61L15/16 A61L15/58 A61L26/00 A61L27/00 A61L27/28 A61L27/34 A61L27/38 A61L27/50 A61L27/54 A61L31/00 A61L31/08 A61L31/10 A61L31/14 A61L31/16 A61M31/00 A61M37/00 A61P31/04 A61P35/00 A61P41/00 B01D24/02 B01J2/00 B01J20/28 B01J20/32 B05D3/00 B05D3/10 B05D5/00 B32B15/02 B32B19/00 B32B19/04 B32B27/04 B32B3/06 B32B3/20 B32B37/00 B32B5/16 B32B7/04 B32B9/00 B81B3/00 B82B1/00 B82B3/00 B82Y30/00 C01B33/02 C09J5/00 C09J5/02 C09J9/00 C09K3/18 C12N15/87 C12P1/00 C23C16/00 C23F1/00 C40B30/00 C40B40/00 D01F6/00 D01F9/08 D01F9/10 D01F9/127 D01F9/14 D02G3/00 D04H1/42 D04H1/4382 D04H13/00 D04H3/00 D04H5/00 G01N1/00 G01N1/10 G01N1/36 G01N27/62 H01J49/00 H01J49/04 H01L21/44 (Advanced/Invention); A61F15/00 A61F2/00 A61F2/36 A61F5/40 A61F6/14 A61N1/05 B22F7/04 B32B37/00 B82Y30/00 C09K3/18 (Advanced/Non-invention); A61B17/00 A61B17/56 A61B17/58 A61F13/56 A61F2/02 A61F2/30 A61F2/82 A61K47/48 A61L15/16 A61L27/00 A61M37/00 B01D24/02 B32B19/00 B32B37/00 B32B9/00 B82B3/00 C09J5/00 C12P1/00 D02G3/00 D04H13/00 D04H3/00 (Core/Invention); A61F2/00 A61F2/36 A61F6/00 B32B37/00 (Core/Non-invention); C01B C23C (Subclass/Invention)

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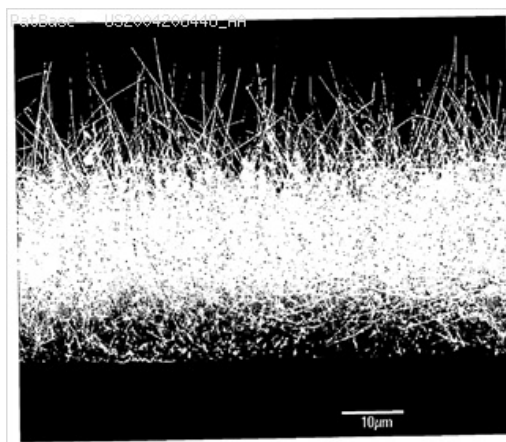
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US: 156/276 156/276S 156/306.3 156/306.300S 156/349 156/349S 156/60 156/60S 210/348 210/497.01 210/497.010S 216/37 216/37P 424/422 424/423 424/432 424/436 424/443 424/444 424/618 427/256 427/256S 427/271 427/271S 427/402 427/402S 428/292.1 428/292.100P 428/297.4 428/297.400P 428/299.7 428/299.700S 428/331 428/331P 428/332 428/332P 428/357 428/357P 428/359 428/364 428/364S 428/365 428/367 428/367S 428/368 428/368S 428/369 428/371 428/373 428/375 428/379 428/389 428/391 428/401 428/401S 428/448 428/560 428/97 428/97P 428/99 428/99S 435/41 506/13 506/13S 506/7 506/7P 514/926 514/927 602/41 602/54 602/54P 604/19 604/19P 606/151 606/153 606/153S 606/205 606/60 606/60P 606/75 623/1.15 623/1.150P 623/11.5 705/67P 709/218P 709/220P 709/222P 709/222S 709/223S 709/225P 709/227S 713/156P 977/700 977/700S 977/722 977/724 977/724S 977/742 977/742 977/762S 977/764 977/766 977/773 977/778 977/783 977/811 977/811S 977/813 977/813S 977/832 977/832P 977/900 977/902 977/904 977/904S 977/906 977/919 977/919S 977/931 977/931S 977/962 977/963 977/DIG.1 D24/133 D24/143 D24/145

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: OF CALIFORNIA UNIV

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Assignee(s): UNIV ; OF CALIFORNIA UNIV ; ONED MATERIAL LLC ; NANOSYS INC PALO ALTO ; THE UNIV CALIFORNIA ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ; DANIELS R ; SLOAN L ; DANIELS ROBERT HUGH ; MPEG LA LLC ; PARCE J

Inventor(s): (std): ALFARO ARTHUR A ; DUBROW ROBERT ; DUBROW ROBERT S ; COLLIER MATTHEW D ; GERTNER MICHAEL E ; KRONENTHAL RICHARD L ; ROMANO LINDA T ; SAHI VIJENDRA ; SCHER ERIK ; SLOAN L DOUGLAS ; STUMBO DAVE ; WHITEFORD JEFFERY A ; HARDEV VEERAL D ; HAMILTON JIM ; GOLDMAN JAY ; DUBROW ROBERTO ; DESAI TEJAL ; DANIELS ROBERT HUGH ; DANIELS ROBERT H ; DANIELS R HUGH ; DANIELS R H ; DANIELS HUGH ; BOCK LAWRENCE A ; WHITEFORD JEFFERY ; SLOAN L D ; VIJENDRA SAHI ; JIM HAMILTON ; JEFFERY A WHITEFORD ; JAY GOLDMAN ; HUGH DANIELS ; ERIK

SCHER ; DAVE STUMBO ; ROBERT DUBROW ; MATTHEW MURPHY ; LINDA T ROMANO ; J WALLACE
PARCE ; CHUNMING NIU ; MURPHY MATTHEW ; NIU CHUNMING ; PARCE J W ; PARCE J WALLACE ;
Inventor(s): ROGERS ERICA J
ROMANO LINDA ; ALFARO ARTHUR ; RICHARD L KRONENTHAL ; ROBERT S DUBROW ; ROGERS ERICA
; PARCE J ; SLOAN L ; DANIELS ROBERT ; L DOUGLAS SLOAN ; MATTHEW D COLLIER ; MICHAEL E
GERTNER ; HARDEV VEERAL ; KRONENTHAL RICHARD ; DANIELS R ; DUBROW ROBERT SAN CARLOS ;
ERICA J ROGERS ; GERTNER MICHAEL ; ARTHUR A ALFARO ; BOCK LAWRENCE ; COLLIER MATTHEW
Agent(s): PHILLIPS ORMONDE FITZPATRICK; DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE;
FETHERSTONHAUGH AND CO; SMART AND BIGGAR; LEINWEBER AND ZIMMERMANN; KIDDLE SIMON
JOHN; NANOSYS INC; QUINE INTELLECTUAL PROPERTY LAW GROUP PC; ANDREW L; FILLER ANDREW
L; DONNA M; STERNE KESSLER GOLDSTEIN AND FOX PLLC; QUINE JONATHAN ALAN 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 CM CN CO CR CU
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SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: OUTRIGGER WITH LOCKING MECHANISM

Abstract: Source: US2006241590A [EN] An outrigger having a locking mechanism. The outrigger including an elongated member having a distal end, a proximal end, and a threaded portion proximate the distal end; a moveable member operably associated with the elongated member; and a slide lock operably associated with the moveable member. The thread portion may have at least one flat side and the slide lock may have at least one flat portion. The at least one flat side and the at least one flat portion may engage each other such that the slide lock may translate along, but not rotate about, the threaded portion. The slide lock may have an engagement portion for engaging a surface of the **clamp**. The moveable member may be used to move the slide lock towards the **clamp** such that the engagement portion engages the surface of the **clamp**. The connection between the engagement portion and the surface of the **clamp** may prevent the slide lock from rotating relative to the **clamp**. The engagement of the at least one flat surface of the slide lock with the at least one flat portion of the elongated member may prevent the elongated member from moving with respect to the slide lock and, consequently, from moving with respect to the **clamp**.

Classifications:**International (IPC 8-9):** A61B17/56 A61B17/00 A61B17/03

A61B17/60 A61B17/64 A61B19/00 A61F4/00 F16B39/24

F16B39/282 (Advanced/Invention);

A61B17/03 A61B17/64 A61B19/00 F16B39/24

F16B39/282 (Advanced/Non-invention);

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F16B39/00 (Core/Invention);

A61B19/00 (Core/Non-invention);

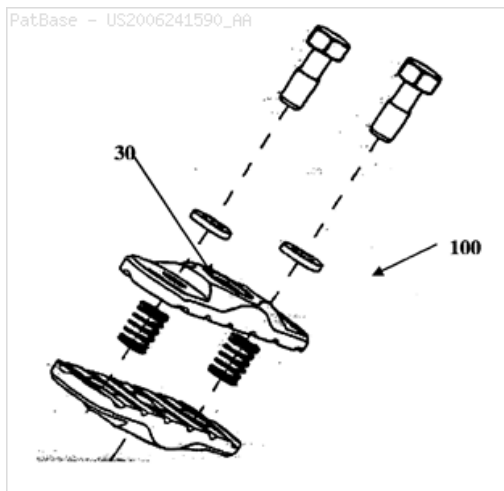
A61B F16B (Subclass/Invention)

International (IPC 1-7): A61B17/64**CPC:** A61B17/60 A61B17/64 A61B17/6466 A61B2090/034

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European: A61B17/64M F16B39/24 F16B39/282 K61B17/64

K61B19/30F2

US: 1/1 606/54 606/54P**Family:**

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US9273715 BB	20160301	US20130775706	20130225
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ZA200709203 A	20090429	ZA20070009203	20060424

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WO2006US15464	20060424	US20130775706	20130225	WO2006US15664	20060424

Probable Assignee: DEPUY SYNTHES PRODUCTS LLC**Assignee(s):** (std): BORDEAUX JEAN NOEL ; DEPUY SYNTHES PRODUCTS INC ; HFSC CO ; SYNTHES GMBH ; SYNTHES USA ; SYNTHES USA LLC ; SYNTHES HOLDING AG**Assignee(s):** SYNTHES (USA) ; HFSC COMPANY ; SYNTHES ; DEPUY SYNTHES PRODUCTS LLC ; HAND INNOVATIONS LLC ; DEPUY SPINE LLC**Inventor(s):** (std): NOEL BORDEAUX JEAN ; JEANNOEL BORDEAUX ; JEAN NOEL BORDEAUX ; BORDEAUX JEAN NOEL**Inventor(s):** BORDEAUX JEANNOEL**Agent(s):** SHELSTON IP; SHELSTON IP PTY LTD; BCF LLP; LUSUARDI WERTHER; JONES DAY; FAY KAPLUN AND MARCIN 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

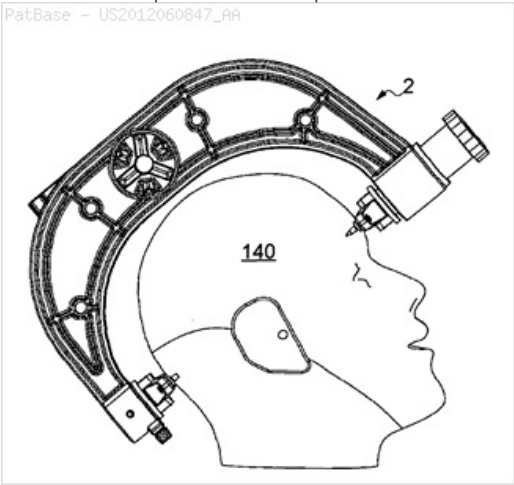
UG US UZ VC VN YU ZA ZM ZW

Title: HEAD CLAMP FOR IMAGING AND NEUROSURGERY

Abstract: Source: US2012060847A [EN] A head clamp for neurosurgery is described that includes a member for at least partially encircling the head of a subject. The first end and second end of the head clamp include first and second skull attachment portions for attaching the member to the head of a subject. A position setter, such as an indexing mechanism, is also provided that allows the member to be moved or indexed between at least two repeatable relative positions.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/56 A61B17/70
A61B19/00 A61B90/00 A61B90/10 A61F4/00 A61F5/00 A61F5/04
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G01D13/24 G08B7/00 (Advanced/Invention);
A61B17/58 A61B17/60 A61B17/64 A61F5/01 A61F5/37 G06F3/00
G06F3/01 (Advanced/Non-invention)
CPC: A61B17/56 A61B17/58 A61B17/60 A61B17/64 A61B17/6433
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European: A61B19/20D K61B19/46J K61B19/54L K61B19/54T
US: 1/1 128/845



Family:

Publication number	Publication date	Application number	Application date
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EP2432413 B1	20170125	EP20100721537	20100520
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Priority:

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Probable Assignee: RENISHAW IRELAND LTD

Assignee(s): (std): DERRICK HUGO GEORGE ; RENISHAW IRELAND LTD ; RENISHAW PLC ; STRATTON MATHEW DAVID FREDERICK

Assignee(s): RENISHAW (IRELAND) LTD ; RENISHAW IRELAND LIMITED

Inventor(s): (std): DERRICK HUGO GEORGE ; STRATTON MATHEW DAVID FREDERICK ; STRATTON MATTHEW DAVID FREDERICK

Agent(s): DUNN PAUL EDWARD; OLIFF PLC; DUNN PAUL EDWARD ET AL

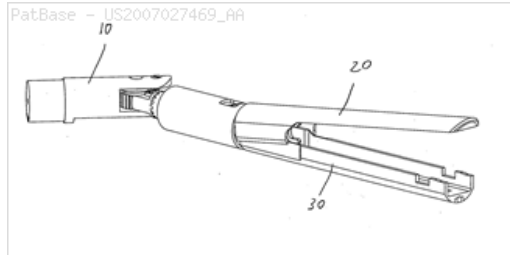
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MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST
SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SURGICAL STAPLING AND CUTTING DEVICE AND METHOD FOR USING THE DEVICE

Abstract: Source: US2007027469A [EN] A medical device includes a control handle having an articulation joint actuator, a surgical end effector, and a passive articulating joint connecting the end effector to the control handle. The articulation joint actuator, when unactuated, holds the passive articulation joint and, thereby, the end effector, in a substantially fixed articulation position, and, when actuated, releases the passive articulation joint into a freely articulating state to permit free articulation of the end effector with respect to the control handle dependent upon external forces acting upon the end effector. A method for operating the end effector includes retaining the passive articulation joint in a stable position with an articulation lock and actuating a release of the articulation lock to unlock the passive articulation joint and, thereby, permit articulating motion of the end effector through the passive articulation joint dependent upon the external forces acting upon the end effector.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/03 A61B17/04 A61B17/064 A61B17/068 A61B17/072 A61B17/08 A61B17/10 A61B17/11 A61B17/115 A61B17/16 A61B17/285 A61B17/29 A61B17/295 A61B17/32 A61B17/3201 A61B17/3209 A61B17/3211 A61B17/72 A61B18/18 A61B19/00 A61B90/00 A61B90/90 A61B90/98 A61F2/78 A61F2/80 A61L27/26 A61L27/56 B21D53/46 B21F45/24 B21G7/00 F16B15/00 F16B43/00 G06F3/033 G06F3/0346 G06F3/0354 G07C11/00 H01H1/00 H01H11/00 H01H13/00 H01H13/02 H01H13/18 H01H13/26 H01H13/52 H01H13/66 H01H15/00 H01H3/24 H01H35/00 H01H35/14 H01H35/38 H01H9/16 H01H9/20 H01M10/50 H02J7/00 H04L9/00



H04L9/10 (Advanced/Invention);

A61B17/00 A61B17/072 A61B17/11 A61B17/115 A61B17/29 A61B17/32 A61B17/72 A61B19/00 A61B90/00 A61F2/30 A61F2/50 (Advanced/Non-invention);

A61B17/00 A61B17/03 A61B17/04 A61B17/064 A61B17/068 A61B17/28 A61B17/32 A61B19/00 B21D53/00 B21F45/00 B21G7/00 F16B15/00 F16B43/00 H01H11/00 H01H15/00 H01H35/00 H01H35/14 H01L29/02 H01L29/66 H02J7/00 H04L9/00 (Core/Invention);

A61B17/28 A61B19/00 (Core/Non-invention)

International (IPC 1-7): A61B17/04 A61B17/068 A61B19/00 F16B15/00 H01H35/14

CPC: H01M6/14 H01M10/0525 H01M10/46 H01M16/00 A61B2017/2923 A61B17/00 A61B17/72 A61B2017/00115 A61B2017/07271 A61B2017/00482 H01H2235/01 H01H2203/00 H01H11/00 A61B2017/07285 A61B17/00234 A61F2/7812 A61L27/26 A61L27/56 A61F2002/7818 A61F2210/0076 A61F2002/30024 A61F2002/5055 A61F2002/5056 A61F2002/785 A61F2250/0021 A61F2250/0023 A61B2017/0046 A61B2017/2931 A61B2017/00017 A61B2017/320052 A61B2017/00084 A61B2017/00473 A61B2017/2943 A61B90/03 A61B2090/065 A61B2090/0803 A61B2090/0806 A61B2090/0807 A61B2090/08021 G06F3/0354 G06F3/0346 G06F3/03543 A61B2090/032 F16B15/0015 G06F3/017 A61B2017/2927 H04L9/10 A61B2017/07257 A61B2090/0814 A61B17/0644 A61B17/064 A61B2017/0645 A61B2090/064 A61B2090/0811 A61B2017/00022 A61B2017/00119 A61B90/90 A61B90/98 A61B2017/00398 A61B2017/00734 Y10T29/49105 A61B2090/508 A61B17/068 A61B2017/00477 A61B17/1114 A61B17/1155 A61B2019/302 A61B2019/464 H01M2/1055 H01M2220/30 A61L2420/08 H01H35/14 A61B17/07207 A61B2017/07214 A61B2017/00389 A61B2017/003 Y02A90/26 A61B17/115 A61B17/072 A61B2017/00154 A61B2017/07278 A61B2017/00221 H01H13/18

European: A61B17/00 A61B17/064 A61B17/064D A61B17/072 A61B17/072B A61B17/115 A61B17/115C F16B15/00B K61B17/00C K61B17/00C1T K61B17/00C2 K61B17/00F4 K61B17/00H6 K61B17/00K2 K61B17/00Q12 K61B17/072H14 K61B17/072H16 K61B17/115C K61B17/11D K61B17/29H6R K61B17/29J2 K61B17/29J4 K61B17/29J6R K61B17/32K K61B17/72 K61B19/26J K61B19/30D K61B19/44H K61B19/46H K61B19/46H2 K61B19/48D K61B19/48F4 K61B19/48H K61B19/48H8

US: 1/1 200/16B 200/275 200/290 200/61.53 200/61.58R 227/175.1 227/175.2 227/176.1 227/177.1 227/178.1 227/179.1 227/180.1 227/181.1 227/182.1 227/19 29/622 340/5.8 361/103 361/18 361/23 380/255 411/457 411/457S 606/1 606/139 606/143 606/151 606/167 606/170 606/205 606/219 606/219P 606/32 606/41 606/42 623/36

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: ETHICON LLC**Assignee(s):** (std): BALES JR THOMAS O ; BALES THOMAS ; BALES THOMAS O ; BO RONG ; DEVILLE DEREK DEE ; ETHICON ENDO SUGERY INC ; ETHICON ENDO SURGERY ; KLINE KOREY ; KLINE KOREY R ; ETHICON ENDO SURGERY INC ; DEVILLE DEREK ; ETHICON ENDO SURGERY LLC ; ETHICON LLC ; ETHICON L L C ; KMS MEDICAL LLC ; SYNTHCON LLC ; SMITH KEVIN W ; PALMER MATTHEW A ; KLINE KOREY ROBERT ; RIVERA CARLOS ; PALMER MATTHEW ; SMITH KEVIN ; OSSUR HF ; ZHONG MINGQI ; TREND MICRO INC ; ZHANG HAIBO ; RIVERIA CARLOS**Assignee(s):** THOMAS BALES ; MATTHEW PALMER ; SYNTHSON LLC ; ETHICON ENDO SURGERY INC CINCINNATI ; HYBRID TECH LLC DBA HYBRID TECHNOLOGIES ; ETHICON ENDO SURGERY INC4545 CREEK ROADCINCINNATIOH45242-2839US ; ETHICON ENDO SURGERY INC4545 CREEK ROADCINCINNATIOH45242US ; KEVIN SMITH ; CARLOS RIVERA ; DEREK DEVILLE**Inventor(s):** (std): BALES JR THOMAS ; BALES JR THOMAS O ; BALES THOMAS O ; DEE DEVILLE DEREK ; EGILSSON EGILL SVEINBJORN ; ELEFSEN THORDUR ; GUDNASON PALMAR I ; HALLDORSSON OLAFUR FREYR ; KEVIN W SMITH ; KLINE KOREY ; KLINE KOREY R ; KLINE KOREY ROBERT ; DEVILLE DEREK D ; DEVILLE DEREK DEE ; KLINE ROBER KOREY ; KLINE ROBERT ; KLINE ROBERT KOREY ; MATTHEW A PALMER ; PALMER MATTHEW A ; DEREK DEE DEVILLE ; DEVILL DEREK DEE ; ROBERT KLINE KOREY ; ZHONG MINGQI ; ZHANG HAIBO ; THOMAS BALES ; SMITH KEVIN ; RIVERA CARLOS ; PALMER MATTHEW ; MATTHEW PALMER ; KEVIN SMITH ; DEVILLE DEREK ; DEREK DEVILLE ; CARLOS RIVERA ; BO RONG ; BALES THOMAS ; RIVERIA CARLOS ; SMITH KEVIN W**Inventor(s):** SMITH KEVIN W CORAL GABBLES ; SMITH KEVIN W CORAL GABLES ; SMITH KEVINUS ; THOMAS O BALES ; ROBERT KOREY KLINE ; SMITH KEVIN CORAL GABLES ; DEVILLE DEREK CORAL GABLES ; PALMER MATTHEW A MIAMI ; PALMER MATTHEW MIAMI ; PALMER MATTHEWUS ; RIVERA CARLOS COOPER CITY ; RIVERA CARLOSUS ; KOREY ROBERT KLINE ; DEVILLE DEREK DEE CORAL GABLES ; DEVILLE DEREKUS ; KLINE KOREY ROBERT MIAMI ; DELVILLE DEREK DEE ; BALES THOMASUS ; BLES THOMAS ; BALES THOMAS CORAL GABLES ; BALES THOMAS MIAMI

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

Title: CLAMP

Abstract: Source: US2015342643A [EN] A **clamp** for a linkage for linking first and second bone fasteners of a prosthesis assembly, the **clamp** comprising a **clamp** body having a first receiving portion for receiving a first component of a prosthesis assembly and a second receiving portion for receiving a second component of the prosthesis assembly, the **clamp** having a deflectable member which deflects from a first position to a second position when one of the first and second components is introduced to its corresponding receiving portion, wherein when the deflectable member is in the second position and the other one of the first and second components is received by the **clamp**, the deflectable member is engageable with said other one of the first and second components.

Classifications:

International (IPC 8-9): A61B17/64 A61F2/28 A61F2/30 A61F2/42 F16B2/06 (Advanced/Invention);

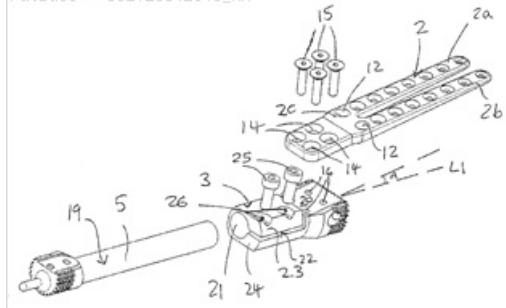
A61B17/64 A61F2/30 A61F2/42 (Advanced/Non-invention)

CPC: A61F2/30721 A61F2002/30354 A61F2002/30507 F16B2/065 A61B17/645 A61F2/2846 A61F2002/2835 A61F2002/285

A61F2002/30703 A61F2/4261 A61F2002/307 A61B17/64 A61F2/28

US: 606/59

PatBase - US2015342643_AA



Family:

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CA2894969 AA	20150612	CA20132894969	20131213
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Priority:

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Assignee(s): FITZPATRICK NOEL ; FITZBIONICS LIMITED

Inventor(s): (std): FITZPATRICK NOEL

Inventor(s): NOEL FITZPATRICK

Agent(s): ADAMS PLUCK; GOWLING LAFLEUR HENDERSON LLP; MAUGHAN SOPHIE LOUISE; CSY ST ALBANS; SAEZ ANA; ANDRUS INTELLECTUAL PROPERTY LAW LLP; MAUGHAN SOPHIE

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