Search history

Search 1: TAC=(hook or carabiner or hanger or connector) and FT=(nose and body and (gate or finger) and trigger and ((embedded or inside) W3 (flexible member or cord or reinforcement member or steel wire))) (Results 3)

Search 2: TAC=(hook or carabiner or hanger or connector) and FT=(safe* and trigger and (((flexible w3 member) or cord or reinforcement or wire) W3 (inside or embedded))) (Results 178)

Search 3: TAC=(hook or carabiner or hanger or connector) and TAC=(trigger) and FT=((climb* or secur*) and (cord or cable or wire)) (Results 3425)

Search 4: (3) and IC=(A62B or F16B or A63B or F16G) (Results 147)

Search 5: TAC=(hook or carabiner or hanger or connector) and FT=((climb* or secur*) and (cord or cable or wire)) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 8475)

Search 6: (5) and FT=((embedded or inside) W3 (cord or wire or cable or member)) (Results 371)

Search 7: TAC=(hook or carabiner) and (gate and trigger and climb*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 2)

Search 8: TAC=(hook or carabiner) and (gate and trigger and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 0)

Search 9: TAC=(hook or carabiner) and (gate and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 6)

Search 10: TAC=(hook or carabiner) and (trigger and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 5)

Search 11: TAC=(hook or carabiner or connector) and FT=((wire or cable or line) W5 (embedded or inside or includ*) and reinforce*) (Results 7866)

Search 12: TAC=(hook or carabiner or connector) and FT=((wire or cable or line) W3 (embedded or inside or includ*) and reinforce*) (Results 5948)

Search 13: (12) and PD<20140219 (Results 4926)

Search 14: (13) and FT=heigh* (Results 1887)

Search 15: (14) and FT=(lock* and fast*) (Results 870)

- session log created:17 November 2017 03:03:48
- Update information:

PatBase Coverage at Update 2017 Week 45 (Year 2017 Week 45)

PatBase Coverage includes 100+ million documents from over 100 patent–issuing authorities and includes patent applications, granted patents, utility models and designs â€“ detailed in the below coverage listings.

Major countries

Publishing body	Document type	Bibliographic publication date		Full–Text publication date	
		Earliest	Latest	Earliest	Latest
CN China	Patent Applications	19850910	20171110	19850910	20171110
	Patents	19930106	20171110	19930106	20171110
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20171110	19930106	20171110
	Designs	19850910	20171110	19850910	20150819
DE Germany	Patent Applications	19211221	20171109	19650317	20171109
	Patents	18770101	20171109	19200113	20171109
	Utility Models	19280626	20171109	19610831	20171109
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20171108	19781220	20171108
	Patents	19800109	20171108	19800109	20171108
FR France	Patent Applications	19690307	20171110	19810102	20171020
	Patents	18550227	20171110	19600502	20171110
	Utility Model Applications	19720107	20171110	19800104	20171020
	Utility Models	19730112	20171110	19690802	20171110
GB United Kingdom	Unpublished Patent Applications	19830209	20171101		
	Patent Applications	19790104	20171108	19790104	20171025
	Patents	17820704	20171108	19020911	19811216
JP Japan	Patent Applications	19710116	20171109	19930108	20171102
	Patents	19281026	20171025	19960529	20171025
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20171026	19940726	20101216
	Designs	20141110	20171106		
KR Republic of Korea	Patent Applications	19781209	20171110	19940103	20171110
	Patents	19700820	20171110	19970104	20171110
	Utility Model Applications	19781127	20171110	19940730	20171110
	Utility Models	19780110	20171110	19970104	20171110
US United States of America	Patent Applications	20010315	20171109	20010315	20171109
	Patents	18360101	20171107	18560617	20171107
	Designs	18650912	20171107	19770719	20171107
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20171109	19781019	20171109
	Designs	20151023	20171110	20151023	20171110

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- **search:** SS1 TAC=(hook or carabiner or hanger or connector) and FT=(nose and body and (gate or finger) and trigger and ((embedded or inside) W3 (flexible member or cord or reinforcement member or steel wire))) (Results 3)
- **search:** SS2 TAC=(hook or carabiner or hanger or connector) and FT=(safe* and trigger and (((flexible w3 member) or cord or reinforcement or wire) W3 (inside or embedded))) (Results 178)
- **search:** SS3 TAC=(hook or carabiner or hanger or connector) and TAC=(trigger) and FT=((climb* or secur*) and (cord or cable or wire)) (Results 3425)
- **search:** SS4 (3) and IC=(A62B or F16B or A63B or F16G) (Results 147)
- **search:** SS5 TAC=(hook or carabiner or hanger or connector) and FT=((climb* or secur*) and (cord or cable or wire)) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 8475)
- **search:** SS6 (5) and FT=((embedded or inside) W3 (cord or wire or cable or member)) (Results 371)
- List: SS2 1–50 (TAC=(hook or carabiner or hanger or connector) and FT=(safe* and trigger and (((flexible w3 member) or cord or reinforcement or wire) W3 (inside or embedded)))) (Results 178)

0) US2002055076A – MULTI–MODE LIGHTER

1) Family number: 30109855 (US2002055076A) © PatBase

Title: MULTI–MODE LIGHTER

Priority:

AU20040221412	20040317	AU20090251152	20091223	EP20040757628	20040317
JP20020575534	20020325	US20030389975	20030818	KR20077001505	20070122
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Family:

Publication number	Publication date	Application number	Application date
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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 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 MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): F23D11/36 F23D14/28 F23D14/72 F23Q2/00 F23Q2/02 F23Q2/16 F23Q2/167 F23Q2/28 F23Q2/34 F23Q2/36 F23Q2/40 F23Q2/50 F23Q3/01 F23Q7/00 F23Q7/12 F23Q7/14 (Advanced/Invention); F23D11/36 F23Q2/00 F23Q2/16 F23Q2/34 F23Q3/01 F23Q7/12 F23Q7/14 (Advanced/Non–invention); F23D11/00 F23D11/36 F23D14/46 F23Q2/00 F23Q3/00 F23Q7/00 (Core/Invention); A24F F23D F23Q (Subclass/Invention); F23D (Subclass/Non–invention)

International class (IPC 1–7): F23D F23D11/36 F23D14/28 F23D14/46 F23Q F23Q0/00 F23Q1/00 F23Q2/00 F23Q2/02 F23Q2/16 F23Q2/167 F23Q2/28 F23Q2/34 F23Q2/36 F23Q2/50 F23Q3/00 F23Q3/01 F23Q7/12 F23Q7/14

CPC: F23Q2/287 F23Q2/164

European class: F23Q2/16D F23Q2/28C2

US class: 431/153 431/153P 431/153S 431/254 431/255 431/255P 431/255S 431/277 431/344 431/344S 431/345

Classification Explorer

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Abstract:
Source: US2002055076A The present invention relates to a lighter which a user actuates by at least two different modes of operation. In the first mode, a plunger member is positioned to allow a biasing member to oppose movement of an actuating assembly so that a user releases fuel and ignites the lighter only if a high–actuation–force is applied to the actuator. In this first mode, the lighter resists operation by unintended users by requiring a user to have a predetermined level of strength to actuate the lighter. In the second mode, the plunger member is moved to a different position so that the biasing member does not oppose movement of the actuating assembly to the same extent as the first mode so that a user may release fuel and ignite the lighter if a low–actuation–force is applied to the actuator. Moving the plunger member from the first position to the second position preferably requires the user to have a predetermined level of cognitive abilities and/or physical

characteristics in order to resist use by unintended users. The lighter further includes a pivotal wand assembly. The wand assembly is operatively associated with a cam follower to allow only partial depression of an actuator when the wand assembly is in a closed position. Full depression of the actuator increases difficulty when the wand assembly is partially or fully extended.

2) Family number: 33814190 (US2006265042A) © PatBase

Title: DEVICES, SYSTEMS AND METHODS FOR RETRACTING, LIFTING, COMPRESSING, SUPPORTING OR REPOSITIONING TISSUES OR ANATOMICAL STRUCTURES

Priority:

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Assignee(s): NEOTRACT INC PLEASANTON ; CAPITAL ROYALTY PARTNERS II LP ; CAPITAL ROYALTY PARTNERS II PARALLEL FUND A LP ; PARALLEL INVESTMENT OPPORTUNITIES PARTNERS II LP

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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/307 A61B1/313 A61B17/00 A61B17/02 A61B17/03 A61B17/04 A61B17/06 A61B17/062 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/128 A61B17/29 A61B17/32 A61B17/3205 A61B17/3209 A61B17/34 A61B17/42 A61B17/58 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61F2/04 A61F2/06 A61F2/26 A61F2/76 A61F2/78 A61F2/82 A61K31/137 A61K31/167 A61K31/4164 A61K31/445 A61K31/46 A61K31/728 A61K38/48 A61K39/08 A61M25/01 A61M25/06 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M5/14 A61M5/158 A61M5/178 A61P21/00 (Advanced/Invention); A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/064 A61B17/068 A61B17/29 A61B17/32 A61B17/34 A61B17/42 A61B18/00 A61B18/14 A61B18/18 A61B18/20 A61B19/00 A61F2/04 (Advanced/Non–invention); A61B1/00 A61B17/00 A61B17/03 A61B17/04 A61B17/062 A61B17/12 A61B17/42 A61B17/58 A61B18/18 A61F2/02 A61F2/06 A61K39/08 A61M29/00 A61M5/14 A61P21/00 (Core/Invention); A61B17/00 (Core/Non–invention)

CPC: A61B17/128 A61B17/1285 A61B2017/00367 A61B17/083 A61F2/04 A61B17/3205 A61B8/06 A61B8/12 A61B2018/1861 A61B2018/1869 A61B18/14 A61B2017/0441 A61F2002/047 A61F2220/0016 A61F2/82 A61F2/0045 A61B2017/0446 A61B2017/0496 A61B17/10 A61B17/0643 A61B2017/00477 A61B2017/00862 A61B2019/304 A61B17/064 A61B2017/2925 A61B2090/034 A61B2017/0479 A61B2017/06095 A61B2017/2923 A61B17/32 A61B2017/0046 A61B2017/0688 A61B17/0625 A61B2017/045 A61F2/0063 A61F2/0022 A61B17/0467 A61B17/0469 A61B17/0482 A61B17/0487 A61B17/06109 A61B17/3468 A61B17/3478 A61B17/42 A61B18/1815 A61B18/20 A61B2017/00022 A61B2017/00274 A61B2017/00792 A61B2017/00796 A61B2017/00805 A61B2017/0404 A61B2017/0409 A61B2017/0417 A61B2017/0419 A61B2017/0451 A61B2017/0456 A61B2017/0458 A61B2017/0462 A61B2017/0464 A61B2017/0488 A61B2017/06052 A61B2017/06176 A61B2018/0022 A61B2018/00547 A61B2018/1407 A61B2018/1425 A61B2018/144 A61B2018/1475 A61B2090/3925 A61B2090/3966 A61F2002/041 A61B17/12013 A61B17/1227 A61B1/307 A61M5/158 A61B17/00491 A61B17/06166 A61B2017/00876 A61B2017/00893 A61B17/00234 A61B17/12 A61B18/1477 A61B17/0401 A61B17/0218 A61B2017/00867 A61B2017/042 A61B2017/0454 A61B2017/0472

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US class: 1/1 128/898 128/898S 424/239.1 424/239.100S 424/423 424/423P 424/94.64 424/94.640S 424/94.67 424/94.670S 514/304 514/304S 514/330 514/330S 514/396 514/396S 514/54 514/54S 514/626 514/626S 514/646 514/646S 514/653 514/653S 600/104 600/104P 600/105 600/105S 600/29 600/29P 600/37 600/37P 600/37S 604/164.01 604/22 604/22P 604/22S 604/500 604/500S 604/502 604/502S 604/506 604/506P 604/506S 604/517 604/517S 606/110 606/115 606/115S 606/139 606/139P 606/141 606/141P 606/142 606/142P 606/142S 606/143 606/143P 606/144 606/144P 606/144S 606/145 606/146 606/151 606/151P 606/151S 606/153 606/167 606/167S 606/170 606/170S 606/191 606/191S 606/192 606/192S 606/194 606/194P 606/201 606/215 606/228 606/228S 606/232 606/232P 606/232S 606/33 606/33P 606/33S 606/46 606/46P 606/49 606/49S 607/3 607/3S 623/1.11 623/1.110P 623/23.66

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Abstract:
Source: US2006265042A Devices, systems and methods for retracting, lifting, compressing, supporting or repositioning tissues, organs, anatomical structures, grafts or other structures within the body of human or animal subjects for the purpose of treating diseases or disorders and/or for cosmetic or reconstructive purposes and/or for research and development purposes or other purposes.

0) US2003231485A – TUBULAR ELECTRO–LUMINESCENT PANEL(S) LIGHT DEVI...

3) Family number: 28290889 (US2003231485A) © PatBase

Title: TUBULAR ELECTRO–LUMINESCENT PANEL(S) LIGHT DEVICE

Priority:

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Family:

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Probable Assignee: TORMACH LLC

Assignee(s):(std)**:** CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; TORMACH LLC ; WALLAGE RAYMOND ROGER

Inventor(s):(std)**:** CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; WALLAGE RAYMOND ROGER

Inventor(s): CHIEN TSENG

Agent(s): BACON AND THOMAS PLLC; ROBERT

International class (IPC 8–9): A41D27/08 A41G1/00 A42B1/24 A43B3/00 A45C15/06 B60Q1/26 B60Q3/02 B60R11/00 B60R13/00 C10G1/00 C12M1/00 C12M1/06 C12M1/12 C12M1/34 C12M3/00 F21K2/00 F21K9/232 F21K9/235 F21K9/60 F21K9/65 F21K99/00 F21L13/00 F21L14/00 F21L4/00 F21L4/02 F21L4/08 F21S10/00 F21S10/02 F21S10/06 F21S2/00 F21S4/00 F21S4/28 F21S6/00 F21S8/00 F21S8/08 F21S9/02 F21V1/00 F21V1/10 F21V11/00 F21V13/00 F21V13/02 F21V14/00 F21V14/02 F21V14/06 F21V14/08 F21V15/01 F21V17/00 F21V17/02 F21V19/00 F21V19/02 F21V21/00 F21V21/005 F21V21/08 F21V21/092 F21V21/14 F21V21/22 F21V21/26 F21V21/30 F21V23/00 F21V23/02 F21V23/04 F21V23/06 F21V25/02 F21V29/00 F21V29/502 F21V29/70 F21V3/00 F21V3/02 F21V31/00 F21V33/00 F21V5/00 F21V5/04 F21V7/00 F21V7/04 F21V8/00 F21V9/00 F21V9/16 G01J5/00 G01S3/786 G02B27/22 G02F1/13 G02F1/1335 G02F1/13357 G03B1/00 G03B15/03 G03B19/18 G03B21/00 G03B21/14 G03B21/20 G03B23/00 G03B29/00 G03B3/00 G03H1/22 G04B19/04 G04B19/30 G04B37/12 G04B47/00 G04C10/00 G04C19/00 G04G99/00 G06F1/26 G06K9/00 G06T7/00 G06T7/20 G06T7/70 G08B13/24 G09F13/18 G09F13/22 G09F23/00 G09F23/04 G09F9/33 G09G3/30 G09G3/32 H01L21/00 H01L21/68 H01R11/00 H01R13/66 H01R25/00 H01R27/00 H01R3/00 H01R33/00 H01R33/009 H01R39/00 H02G3/14 H02J4/00 H02J7/00 H02J7/02 H02M1/00 H04N1/21 H04N5/225 H04N5/232 H04N5/235 H04N5/247 H04N5/33 H04N5/76 H04N5/77 H04N7/18 H04N9/31 H05B33/08 H05B37/02 H05B41/30 (Advanced/Invention); B60R13/02 F21S2/00 F21V1/10 F21V21/22 F21V21/29 F21V21/30 F21V23/04 F21V23/06 F21V33/00 F21V8/00 F21V9/08 F21W121/00 F21W131/30 F21Y101/00 F21Y101/02 F21Y115/10 F21Y2115/10 F21Y2115/30 G02B5/32 G03B21/14 G09F13/22 H01H9/18 H01J7/44 H01R103/00 H01R13/713 H01R24/76 (Advanced/Non–invention); A42B1/00 A43B3/00 A45C15/00 B60Q3/00 B60R11/00 B60R13/00 F21L4/00 F21S4/00 F21V1/00 F21V17/00 F21V21/00 F21V21/005 F21V21/08 F21V21/14 F21V23/00 F21V23/04 F21V3/00 F21V33/00 G03B21/00 G03B21/14 G09F13/22 H01R3/00 H01R33/00 H05B37/02 (Core/Invention); B60R13/02 G02B5/32 (Core/Non–invention)

International class (IPC 1–7): F21V21/00 F21V21/08 F21V9/16 G01D11/28 G02B6/04 H01J1/62 H01R11/00

CPC: A42B1/242 A41D27/085 A42B1/244 A43B1/0036 A43B3/0005 A45C15/06 B60Q1/26 F21S2/00 G09F13/22 H05B37/0245 F21V19/00 F21V19/0015 F21V19/003 G03B15/03 H05B37/0218 H05B37/0236 Y02B20/42 F21V33/006 G02B6/0021 G02B6/0045 G09F23/00 H01H2009/186 H02G3/14 A43D999/00 B60R11/00 B60R13/00 B60R2011/0063 B60R2013/0287 H04M1/05 H04M1/6058 F21S10/066 H05B33/0857 A43C9/02 F21V19/02 F21V1/00 F21V3/00 F21V23/045 F21V5/048 F21V7/0066 F21V29/70 G03B21/2086 Y10T307/406 H05B33/0842 F21S10/007 F21V14/003 F21V14/006 G06F1/266 H02J4/00 H02J7/0042 H02J7/007 F21S2/005 F21S8/038 F21L4/00 F21L2001/00 F21S4/10 F21S4/20 A43B3/001 G03B21/20 F21V3/026 F21V14/08 F21V23/023 F21V33/0048 H01R33/92 F21S6/003 H01R13/6675 F21V23/005 F21V21/092 G09F13/18 G09F2013/222 F21V15/01 F21V33/00 F21V33/0024 F21V33/0056 H01R13/6691 H01R13/713 H01R24/76 H01R25/006 H01R2103/00 F21V14/06 F21V33/004 H02J2007/0062 F21V13/02 H02J7/0045 H02J7/027 G01J5/0025 G03B21/006 G02B27/22 G03B35/24 F21V23/00 H05B33/08 F21S9/035 H02J7/00 H05B37/00 G02F1/1313 F21S6/004 H02J7/0027 H02J7/02 F21Y2113/002 F21S10/002 F21V21/29 F21V29/00 Y10S362/806 F21V17/002 F21K9/23 F21Y2107/40 F21V3/023 G03B21/142 G03B21/2046 G03B23/00 F21Y2115/30 F21Y2103/37 H01R33/09 A61L9/03 A61L2209/12 F21V33/0004 F21S10/00 F21V9/00 F21V9/12 F21Y2105/00 F21Y2111/00 H05B33/0803 F21S10/06 F21V1/10 G09F9/33 G09F19/12 G03B21/001 G03B21/26 G03B23/10 F21Y2113/13 H02J7/022 F21Y2103/33 F21S4/28 F21S10/02 G09F23/04 F21V23/003 H04N9/315 G01S3/7864 A41G1/005 G02B6/0008 G02B6/001 F21V23/0471 F21V23/02 F21Y2103/10 F21Y2103/00 H04N5/23206 G04B47/02 H04N5/332 H04N5/2354 H04N5/23241 H04N5/76 F21K9/13 F21S9/02 F21Y2101/02 G06T7/004 F21V3/02 F21V17/02 F21K9/235 F21V19/006 G03B21/2053 G03B21/2033 G03B21/206 G03B21/145 G03B21/208 F21V5/04 G04B19/30 B60Q3/78 F21W2131/109 F21Y2101/00 H04N5/2257 G03B29/00 F21V14/00 F21V5/00 F21V7/00 F21V11/00 H02J7/0047 H02J2007/0059 F21V29/502 H04N7/181 F21S6/002 F21S10/023 F21S10/063 H02J7/0052 C12M21/12 C10G1/00 C12M23/06 C12M23/46 C12M27/02 C12M27/20 C12M41/40 G08B13/19619 G08B13/19636 G08B13/19656 G08B13/19695 C10G32/00 H04N5/23296 H04N5/77 H04N1/212 C12P5/00 G06K9/20 H04N7/188 F21V33/0052 F21S9/022 H04N5/2252 H04N5/2256 H04N5/247 F21V14/02 F21S8/035 F21V9/08 F21V21/08 F21V21/14 F21V21/22 F21V21/30 F21V23/04 F21V23/0492 F21V23/06 F21W2121/00 G06T7/70 G06T2207/30232 H04N5/33 H04N7/183 Y10S362/80 F21V23/0407 F21V23/0464 Y02B10/30 F21K9/232 F21V23/0442 F21Y2115/10 F21K9/60 F21K9/238 F21K9/65 F21V11/08 F21V23/006 F21V29/20 F21W2131/30 F21Y2113/10 H01R33/06

European class: A41D27/08B A41G1/00B8 A42B1/24B A43B1/00C10 A43B3/00E A43B3/00E10 A43D999/00 A45C15/06 A61L9/03 B60Q1/26 B60Q3/02Q B60R11/00 B60R13/00 F21K9/00 F21K9/135 F21S10/00 F21S10/00A F21S2/00 F21S4/00E F21S4/00L F21S4/00L6 F21S8/03G1 F21S8/03T F21S9/02 F21S9/02E F21V14/02 F21V21/08 F21V21/14 F21V23/04 F21V29/00 F21V33/00A F21V9/00 F21V9/08 F21V9/12 G02B27/22 G02B6/00L4E G02B6/00L4L G02B6/00L6O4S G03B21/00 G03B21/20 G03B35/24 G09F13/22 G09F19/12 G09F23/00 G09F9/33 H01R13/66D10 H01R25/00D H01R33/06 H01R33/09 H02G3/14 H04M1/05 H04M1/60T2B H05B33/08D K61L209/120 L60R11/00R4A15 L60R13/02R R21S10/06 R21S2/00A R21S8/03G1 R21V1/10 R21V21/22 R21V21/29 R21V21/30 R21V23/04S R21V23/04S8 R21V33/00B R21V9/08 R21W121/00 R21W131/109 R21Y101/02 R21Y103/00 R21Y103/025 R21Y105/00 R21Y111/00 S02B6/00L6I4S4 T01H9/18E T01R103/00 T01R13/66D10 T01R13/713 T01R24/76 Y02B10/30

US class: 1/1 29/595 29/825 307/31 313/498 313/511 313/512 315/155 315/160 315/250 315/287 315/314 315/317 315/32 315/86 340/472 345/77 348/142 348/143 348/151 348/159 348/169 348/207.1 348/372 348/373 348/744 348/E5.024 348/E5.026 348/E5.043 348/E5.09 348/E7.085 348/E9.025 349/5 349/62 352/133 353/10 353/101 353/103 353/119 353/122 353/43 353/62 353/7 353/85 353/87 353/95 359/15 359/32 362/101 362/103 362/104 362/108 362/109 362/135 362/145 362/149 362/157 362/158 362/183 362/184 362/190 362/20 362/219 362/221 362/225 362/23 362/23.01 362/23.19 362/231 362/233 362/234 362/235 362/238 362/241 362/249 362/249.01 362/249.02 362/249.03 362/249.06 362/249.07 362/249.09 362/249.11 362/249.12 362/250 362/251 362/253 362/257 362/259 362/267 362/269 362/276 362/277 362/280 362/281 362/285 362/294 362/295 362/296.01 362/298 362/3 362/311 362/311.01 362/311.02 362/311.03 362/311.13 362/338 362/34 362/35 362/362 362/369 362/372 362/375 362/382 362/390 362/394 362/397 362/404 362/421 362/427 362/457 362/487 362/555 362/562 362/565 362/603 362/640 362/641 362/642 362/643 362/644 362/645 362/646 362/647 362/648 362/659 362/8 362/800 362/806 362/84 362/85 362/86 362/87 362/88 362/92 362/95 362/96 362/97.1 363/178 368/10 368/223 368/227 368/242 368/278 368/67 368/80 368/82 368/84 396/155 439/11 439/131 439/165 439/31 439/490 439/502 439/536 439/6 439/638 439/8 713/300

Classification Explorer

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Abstract:
Source: US2003231485A A tubular Electro−Luminescent panel(s) light device offer a desired bending directions with super brightness basing on certain width of panel incorporated proper invertor system. The said panel(s) with much narrow width than tube means to allow the panel(s) can be bend at any direction and angle within the tube means to offer a desired light effects. The said panel(s) can be flat or twisted within the tube means which may have the desired colored, transparency, wall thickness, diameter, shape, length for requirement. The said device may incorporated with non−elastic means, magnetic means, tube holder, sensor means, Integrated circuit to add a lot of desired variety features.

0) US2006089609A – DEVICES AND METHODS FOR TISSUE MODIFICATION

4) Family number: 32202464 (US2006089609A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE MODIFICATION

Priority:

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EP20100075066 20071207 JP20070536970 20051015 US20040622865P 20041028
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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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/32 A61B10/00 A61B10/02 A61B17/00 A61B17/02 A61B17/14 A61B17/16 A61B17/17 A61B17/22 A61B17/26 A61B17/29 A61B17/32 A61B17/3205 A61B17/3207 A61B17/34 A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/82 A61B17/88 A61B17/90 A61B18/14 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/02 A61F11/00 A61F2/00 A61F2/30 A61F2/44 A61F2/46 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M25/09 A61M29/00 A61M5/32 A61N1/00 A61N1/05 A61N1/08 (Advanced/Invention); A61B1/313 A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/14 A61B17/16 A61B17/22 A61B17/295 A61B17/32 A61B17/34 A61B17/84 A61B17/88 A61B18/00 A61B18/02 A61B18/08 A61B18/14 A61B18/18 A61B18/20 A61B5/00 A61B5/0488 A61B5/107 A61B5/11 A61F2/00 A61N1/05 A61N1/36 A61N7/02 (Advanced/Non–invention); A61B1/32 A61B10/00 A61B17/00 A61B17/14 A61B17/16 A61B17/22 A61B17/24 A61B17/32 A61B17/56 A61B17/58 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/00 A61F2/44 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M5/32 A61N1/00 A61N1/05 (Core/Invention)

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US class: 1/1 128/898 128/898S 600/104 600/104P 600/204 600/210 600/210P 600/373 600/544 600/544S 600/546 600/546P 600/547 600/547P 600/554 600/554S 600/562 600/564 600/569 600/570 600/585 601/32 601/32S 604/272 604/272P 604/500 604/528 604/528P 604/533 606/1 606/103 606/103P 606/105 606/108 606/110 606/110P 606/167 606/167S 606/170 606/171 606/171P 606/176 606/177 606/1P 606/213 606/279 606/32 606/34 606/39 606/41 606/45 606/45P 606/53 606/53P 606/74 606/79 606/79P 606/79S 606/80 606/82 606/83 606/84 606/85 606/85P 606/86.00R 606/86.00RP 606/86R 606/90 606/90S 607/116 607/116S 607/117 607/117S 607/118 607/43

Classification Explorer

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Abstract:
Source: US2006089609A Methods and apparatus are provided for selective surgical removal of tissue. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. The sharp tip of the needle in the epidural space, can be converted to a blunt tipped instrument for further safe advancement. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. A nerve stimulator may be provided to reduce a risk of inadvertent neural abrasion.

0) WO11012891A2 – POWER CONNECTOR SYSTEM SYSTEME DE CONNECTEUR D...

5) Family number: 43773404 (WO11012891A2) © PatBase

Title: POWER CONNECTOR SYSTEM

Priority:

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Assignee(s): OTTER CONTROLS LIMITED ; AOTAI TEMPERATURE CONTROLLER SHENZHEN CO ; AOTAI TEMPARATURE CONTROLLER SHENZHEN CO ; OTTER CONTROLS SHENZHEN LIMITED ; OTTER CONTROLS SHENZHEN CO

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ANDREW ; HENRY HADFIELD ROBERT ; HENDRIK JOHAN ARNOUT NIEUWENHUIS ; HALLAM WRIGHT PETER ; HADFIELD ROBERT ; GEOFFREY WHITE IAN ; GAETA TONY ; GAETA TONI ; GAETA ANTONIO MARTIN ; GAETA ANTONIO M ; GAETA ANTONIO ; FRANCIS SIDDONS JEREMY ; FARLAM MARK RICHARD ; FARLAM MARK ; DAVID ANDREW WILLIAM ; DAVID ANDREW SMITH ; COLLINSON MIKE ; BUXTON MARK STUART ; BOUNDY PAUL ; BONDY PAUL ; P H WRIGHT ; MOORE ROBIN KEITH ; MOORE ROBIN ; MOLE ROBIN ; MARTIN GAETA ANTONIO ; JEREMY FRANCIS SIDDONS ; ANDREW HUNTER ; ANDREW HUNT ; AN YUAN ; ANTONIO MARTIN GAETA ; ANTONIO GAETA ; A M GUETTA ; A M GETA

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Agent(s): CROSS JAMES PETER ARCHIBALD; PATENT CORPORATE BODY ARCO PATENT OFFICE; CROSS JAMES; RGC JENKINS AND CO

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

International class (IPC 8–9): A47J19/00 A47J27/00 A47J27/21 A47J27/56 A47J31/00 A47J31/06 A47J31/44 A47J31/46 A47J31/54 A47J31/56 A47J31/58 A47J36/00 A47J36/14 A47J36/24 A47J36/34 A47J36/42 A47J41/00 A47J43/04 A47J43/07 A47J44/02 B65D43/16 B65D47/06 B65D81/18 F16J15/00 F16J15/02 F16J15/06 F16J15/32 F16J15/3204 F16J15/3232 F16K1/14 F24H1/18 F24H9/00 F24H9/18 F24H9/20 G01F23/00 G01F23/26 G01F23/292 G02B7/20 H01H37/04 H01H37/52 H01H37/54 H01R13/00 H01R13/02 H01R13/40 H01R13/405 H01R13/42 H01R13/46 H01R13/502 H01R13/52 H01R13/631 H01R13/635 H01R13/639 H01R13/648 H01R13/70 H01R13/717 H01R24/00 H01R24/38 H01R24/58 H01R33/00 H01R33/72 H01R33/74 H01R33/94 H01R33/96 H01R33/965 H01R4/48 H05B1/00 H05B1/02 H05B3/04 H05B3/08 (Advanced/Invention);
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Abstract:
A power connector comprises a central terminal and at least three peripheral terminals distributed around the central terminal, the peripheral terminals being substantially equally spaced from the central terminal. This configuration may allow a smaller footprint for such a connector, thus enabling better sealing, lower cost and/or greater flexibility of application, while avoiding safety problems such as tracking.

0) US2004059212A – APPARATUS AND METHOD FOR MEASURING BIOLOGIC PAR...

6) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/04 A61B5/145 A61B5/1491 A61B8/08 G01K7/22 (Advanced/Non–invention);
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A61B G01K G01N (Subclass/Invention)

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US class: 1/1 250/338.1 250/339.11 250/339.15 250/341.1 250/341.8 340/539.12 348/77 351/158 374/121 374/141 374/163 374/170 374/185 374/208 374/45 374/E13.002 374/E13.002S 600/300 600/301 600/301P 600/309 600/310 600/315 600/315P 600/316 600/323 600/340 600/344 600/373 600/373P 600/474 600/476 600/479 600/549 600/549P 600/587 600/595 607/96 701/1 701/36 701/41 701/70 702/135

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2007074720A – ENDOTRACHEAL INTUBATION DEVICE

7) Family number: 34354028 (US2007074720A) © PatBase

Title: ENDOTRACHEAL INTUBATION DEVICE

Priority: US20050230392 20050920 US20060514486 20060901 WO2006US35249 20060911 US20080148050 20080416 US20080148033 20080416 US20090653917 20091221 WO2007US18740 20070824

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: CENTURION MEDICAL PRODUCTS CORP

Assignee(s):(std)**:** AI MEDICAL DEVICES ; AI MEDICAL DEVICES INC ; AL MEDICAL DEVICES INC ; SCHWARTZ JOHN ; SCHWARTZ RICHARD

Assignee(s): RICHARD SCHWARTZ ; JOHN SCHWARTZ ; CENTURION MEDICAL PRODUCTS CORP

Inventor(s):(std)**:** JOHN SCHWARTZ ; RICHARD SCHWARTZ ; SCHWARTZ JOHN ; SCHWARTZ RICHARD

Agent(s): PHILLIPS ORMONDE FITZPATRICK; MACRAE AND CO; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; IAN C MCLEOD MCLEOD AND MOYNE PC; IAN C MCLEOD IAN C MCLEOD PC; MCLEOD IAN C; IAN C

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

International class (IPC 8–9): A61B1/00 A61B1/005 A61B1/04 A61B1/267 A61F11/00 A61M11/00 A61M16/00 A61M16/04 (Advanced/Invention); A61B1/267 A61B1/273 (Advanced/Non–invention); A61B1/00 A61B1/005 A61B1/04 A61B1/267 A61F11/00 A61M11/00 A61M16/00 A61M16/04 (Core/Invention); A61B1/267 A61B1/273 (Core/Non–invention)

International class (IPC 1–7): A61F11/00

CPC: A61B1/00032 A61M16/0418 A61M16/0434 A61M2205/0266 A61B1/267 A61M16/0488

European class: A61B1/267 A61M16/04M K61M16/04 K61M16/04A6 K61M16/04B K61M16/04M K61M205/02S

US class: 128/200.26 128/207.14 128/207.15 128/207.16 600/120 600/120P 600/131 600/131S 600/139 600/139P 600/141 600/143 600/146 600/149

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Abstract:
Source: US2007074720A An endotracheal intubation device having a curvable portion and internal optics or a viewing device which facilitate the insertion of an endotracheal tube into a patient. The device has a handle and a trigger. When the trigger is squeezed the curvable portion curves in a controlled manner from a fully straight configuration.

0) US2003085621A – POWER SUPPLY METHODS AND CONFIGURATIONS

8) Family number: 29782394 (US2003085621A) © PatBase

Title: POWER SUPPLY METHODS AND CONFIGURATIONS

Priority:

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US19970051035P 19970627 US19970055883P 19970815 US19970065773P 19971117
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: LIFESTYLE TECHNOLOGIES

Assignee(s):(std)**:** PATRICK H POTEGA ; PATRICK POTEGA ; POTEGA PATRICK ; POTEGA PATRICK H ; POTEGA PATRICK HENRY ; LIFESTYLE TECHNOLOGIES

Assignee(s): LIFESTYLE TECHNOLOGIES INC

Inventor(s):(std)**:** POTEGA PATRICK ; POTEGA PATRICK H ; POTEGA PATRICK HENRY ; PATRICK POTEGA ; PATRICK H POTEGA

Agent(s): MARKS AND CLERK; PATRICK H POTEGA

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX 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

International class (IPC 8–9): G01K1/02 G01K1/14 G01K7/16 G01K7/22 G01R31/36 G01R31/40 G05D11/00 G05F1/565 G06F1/18 G06F1/26 H01C7/02 H01C7/04 H01M10/42 H01M10/48 H01R13/703 H01R24/58 H01R29/00 H01R9/05 H02J/00 H02J7/00 H02J7/34 H02J9/06 (Advanced/Invention); C07D207/325 G01R31/40 H01M10/42 (Advanced/Non–invention); G01K1/00 G01K1/14 G01K7/16 G01R31/36 G05D11/00 G06F1/26 H01C7/02 H01C7/04 H01M10/42 H01R13/70 H01R29/00 H02J5/00 H02J7/00 H02J9/06 (Core/Invention); G01R31/40 (Core/Non–invention)

International class (IPC 1–7): G01K1/00 G01K1/02 G01R1/00 G05F1/565 G06F1/18 H01C3/04 H01H47/00 H01M10/48 H01M10/50 H01R H01R13/703 H01R24/00 H01R27/00 H01R29/00 H01R9/05 H02J1/10 H02J7/00 H02J7/34 H02J9/00

CPC: H01R13/703 H01R13/7033 H01R29/00 H01R24/58 H01R2103/00 G06F1/1632 G06F1/3203 H02J7/0003 B60L11/1864 B60L11/1872 B60L2240/545 B60L2240/547 B60L2240/549 G01K1/02 G01K7/223 G01R31/40 H01M10/486 B60L2200/26 B60L11/1866 B60L11/185 B60L11/1861 G01R31/36 G01R31/362 G01R31/3648 G06F1/26 G06F1/263 H02J7/0004 H02J7/0008 H02J7/0068 H02J9/061 Y02T10/7005 Y02T10/7044 Y02T10/7061 Y02T90/128 Y02T90/14 Y02T90/16 Y02T90/121 Y10T307/305 Y10T307/904 Y02T10/7072 G01K7/22 H01M10/425 H01M10/443 G01K1/143

European class: B60L11/18L7J12 B60L11/18M28 B60L11/18M30 B60L11/18M30B B60L11/18M34B G01K1/02 G01K7/22B G01R31/36 G01R31/36M3 G01R31/36N2 G01R31/36V1 G01R31/36V1C1 G06F1/16P6 G06F1/26 G06F1/26B G06F1/32P H01M10/42S2 H01M10/48D H01R13/703B4 H01R24/58 H01R29/00 H02J7/00B H02J7/00B1 H02J7/00B2A H02J7/00L H02J9/06B L60L200/26 L60L240/545 L60L240/547 L60L240/549 S01R31/40 T01R103/00 T01R13/703 Y02E60/12 Y02T10/70B Y02T10/70H2 Y02T10/70H6B Y02T10/70J4 Y02T90/12L Y02T90/14 Y02T90/16

US class: 307/132.00M 307/132M 307/149 307/18 307/18P 320/134 324/104 324/426 327/100 327/512 338/22.00R 338/22R 340/12.32 340/310.01 340/310.11 374/141 374/163 374/185 374/208 374/E01.002 374/E07.029 374/E1.002 374/E10.02 374/E10.02S 374/E7.029 374/E70.29 374/E70.29S 429/90 439/218 439/218P 439/578 439/578P 439/578S 439/668 439/669 439/676 439/676P 700/297 702/66 713/300 713/300P 713/340

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Abstract:
Source: US2003085621A A power supply detects power requirements of an electrical device and configures itself to provide the correct power to the device. By using a connector that isolates the device from its battery, the power supply can provide power to the device, recharge the battery, recharge the battery while at the same time providing power to the device, or provide power to the device while preventing the battery from being recharged. A switch used with the connector creates various circuits and is controllable by the power supply, the electrical device, by signals from the electrical device, or by a third device. The power supply may provide power to a plurality of devices and may be used with other power supplies to form a power grid. A master control unit receives inputs from each of the power supplies and controls the delivery and supply of power being the power supplies.

0) US2007028780A – COOKING DEVICE TO DEEP FAT FRY FOODS

9) Family number: 34194809 (US2007028780A) © PatBase

Title: COOKING DEVICE TO DEEP FAT FRY FOODS

Priority:

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Agent(s):	KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; KRAMER – BARSKE – SCHMIDTCHEN; KRAMER BARSKE SCHMIDTCHEN; Kramer – Barske – Schmidtchen; KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; TUCKER ELLIS AND WEST LLP; TUCKER ELLIS LLP; MIZER SUSAN L; GARRED JOHN X; MICHAEL E HUDZINSKI
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
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Abstract:
Source: US2007028780A A cooking device include an outer housing and a cooking cavity disposed within and separate from the outer housing. The cooking cavity accommodates a volume of cooking liquid therein. The device includes a heater positioned adjacent the cooking cavity to heat the cooking liquid. A lid is movably attached to the device and is used to form a seal with the cooking cavity. The lid includes a transparent portion positioned along a top surface to enable viewing inside of the cooking cavity. A controller can be used to heat the cooking fluid for an amount of time designated by user input. A moving mechanism can be used to move a food article into and out of the cooking liquid. The moving mechanism can be automated. The device can include a drainage system for removing the cooking liquid.

0) US2006089633A – DEVICES AND METHODS FOR TISSUE ACCESS

10) Family number: 41695460 (US2006089633A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE ACCESS

Priority:

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A61B17/32 A61B17/56 A61B17/70 A61F2/46 A61M25/09 A61M29/00 (Core/Non−invention)

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Abstract:
Source: US2006089633A Methods and apparatus are provided for selective surgical removal of tissue, e.g., for enlargement of diseased spinal structures, such as impinged lateral recesses and pathologically narrowed neural foramen. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. Once the sharp tip of the needle is in the epidural space, it is converted to a blunt tipped instrument for further safe advancement. A specially designed epidural catheter that is used to cover the previously sharp needle tip may also contain a fiberoptic cable. Further embodiments of the current invention include a double barreled epidural needle or other means for placement of a working channel for the placement of tools within the epidural space, beside the epidural instrument. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. In one variation, a tissue abrasion device is provided including a thin belt or ribbon with an abrasive cutting surface. The device may be placed through the neural foramina of the spine and around the anterior border of a facet joint. Once properly positioned, a medical practitioner may enlarge the lateral recess and neural foramina via frictional abrasion, i.e., by sliding the abrasive surface of the ribbon across impinging tissues. A nerve stimulator optionally may be provided to reduce a risk of inadvertent neural abrasion. Additionally, safe epidural placement of the working barrier and epidural tissue modification tools may be further improved with the use of electrical nerve stimulation capabilities within the invention that, when combined with neural stimulation monitors, provide neural localization capabilities to the surgeon. The device optionally may be placed within a protective sheath that exposes the abrasive surface of the ribbon only in the area where tissue removal is desired. Furthermore, an endoscope may be incorporated into the device in order to monitor safe tissue removal. Finally, tissue remodeling within the epidural space may be ensured through the placement of compression dressings against remodeled tissue surfaces, or through the placement of tissue retention straps, belts or cables that are wrapped around and pull under tension aspects of the impinging soft tissue and bone in the posterior spinal canal.

0) US2007248238A – BIOLOGICALLY FIT WEARABLE ELECTRONICS APPARATUS...

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Inventor(s): ABREU MARCIO ; ABREU MARCIO MARC NORTH HAVEN

Agent(s): FB RICE; FB RICE PTY LTD; MOFFAT AND CO; PFENNING MEINIG AND PARTNER MBB PATENTANWAELTE; PFENNING MEINIG AND PARTNER GBR; PFENNING MEINIG AND PARTNER MBB; INO SARI; KUMAKURA YOSHIO; MURAKOSO HIROO; MATSUSHITA MITSURU; KURASAWA ICHIRO; DESHIMARU TAKESHI; JACOBSON HOLMAN PLLC; STUDEBAKER AND BRACKETT PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT 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 MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41D1/00 B65H75/48 G02B27/01 G02B27/02 G02C1/00 G02C1/06 G02C11/00 G02C11/06 G02C3/00 G02C5/14 G02C7/08 G06F1/16 G06F3/01 G06F3/041 G06F3/16 H02G11/02 H04B1/38 H04H20/88 H04H5/00 H04M1/02 H04M1/03 H04M1/05 H04N5/225 H04N5/64 H04N7/18 H04R1/00 H04R1/02 H04R1/10 H04R25/00 H04W88/00 (Advanced/Invention); A41D1/00 G02C11/00 G02C7/02 H04R1/10 H04R5/033 H04W84/18 (Advanced/Non–invention); G02C1/00 G02C11/00 G02C5/14 G02C7/02 G06F1/16 H04B1/38 H04H5/00 H04M1/04

H04R1/10 H04R25/00 (Core/Invention); A41D1/00 (Core/Non–invention)

International class (IPC 1–7): G02C7/08

CPC: G02C5/14 A41D1/002 G06F1/20 G06F2200/201 H04R2420/07 G06F1/163 H04M1/05 H04R2201/023 H04R1/028 H04R1/1066 H04R5/0335 H04R1/1033 G02B27/017 G02B2027/0138 G02B2027/0178 H04R1/105 H04R1/1016 H04N7/185 G02C3/003 G02C11/06 G02C11/10 G02C5/143 G06F3/0414 G06F3/016 G06F3/167

European class: G02C11/00 G02C11/06 G02C3/00B G06F1/16P5 G06F1/20 H04M1/05 H04R1/10M2 K41D1/00B S06F200/201 T04R1/10B T04R1/10E T04R201/023 T04R420/07 T04R5/033H

US class: 1/1 2/69 2/69P 242/378.1 348/158 351/111 351/158 351/158P 351/159.75 351/177 351/74 381/381 381/381P 381/384 381/384P 381/394 381/74 381/74P 455/41.2 455/41.200P

Classification Explorer

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Abstract:
Source: US2007248238A Detachable wearable electronic eyeglasses and head mounted gear with a plurality of electronic functions and interchangeable electronic function, and a wearable computer with optimal weight distribution and stretchable arms.

0) US2005216302A – BUSINESS METHOD FOR PREMISES MANAGEMENT

12) Family number: 32273667 (US2005216302A) © PatBase

Title: BUSINESS METHOD FOR PREMISES MANAGEMENT

Priority:

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Family:

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Assignee(s): SILICON VALLEY BANK ; ICN ACQUISITION LLC ; ICORTROL NETWORKS INC

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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 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 YU ZA ZM ZW

International class (IPC 8–9): B60L11/18 B63H25/02 B64C39/02 G01C21/00 G01C21/16 G01C21/20 G01S19/42 G05B11/01 G05B15/02 G05D1/00 G05D1/02 G05D1/10 G05D23/19 G06F1/26 G06F1/32 G06F11/07 G06F13/00 G06F15/16 G06F15/167 G06F15/173 G06F15/177 G06F17/00 G06F17/30 G06F21/00 G06F21/20 G06F3/00 G06F3/01 G06F3/041 G06F3/048 G06F3/0481 G06F3/0482 G06F3/0484 G06F3/0486 G06F3/0487 G06F3/0488 G06F3/14 G06F9/00 G06F9/54 G06N5/02 G06Q30/02 G06Q30/06 G06Q50/00 G06Q50/06 G06Q50/08 G06Q50/12 G06Q50/16 G06Q50/26 G06T5/00 G07C5/00 G08B1/08 G08B13/00 G08B13/04 G08B13/08 G08B13/196 G08B13/22 G08B17/10 G08B19/00 G08B23/00 G08B25/00 G08B25/08 G08B25/10 G08B25/14 G08B29/00 G08B29/02 G08B29/12 G08B29/18 G08B5/00 G08C17/02 H02J9/00 H04B7/14 H04L12/24 H04L12/26 H04L12/28 H04L12/56 H04L12/64 H04L12/66 H04L12/947 H04L29/06 H04L29/08 H04L29/12 H04L29/14 H04L9/00 H04L9/32 H04M1/725 H04M11/04 H04M15/00 H04N5/232 H04N7/12 H04N7/16 H04N7/167 H04N7/18 H04W4/00 H04W4/12 H04W76/02 H04W8/00 H04W80/12 H04W88/02 (Advanced/Invention);
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G05D23/19 (Core/Non–invention);
G06F (Subclass/Invention)

International class (IPC 1–7): G06F17/60 G06T5/00 H04L12/28

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European class: G05B11/01 G05B15/02 G06F17/30E G06F17/30N G06F17/30W3 G06F17/30W7 G06F3/0481H G06F3/0488 G06Q30/00 G06Q30/02 G06Q30/0601 G06Q50/06 G06Q50/08 G06Q50/12 G06Q50/16 G06Q50/163 G06Q50/26 G08B13/08 G08B13/196N1 G08B25/00F G08B25/00P G08B25/00S G08B25/08 G08B25/14 H04L12/24C2 H04L12/24D H04L12/28H H04L12/28H2A H04L12/28H2C H04L12/28H3A H04L12/28H3B H04L12/28H4A H04L12/28H5B H04L12/28H5C H04L12/66 H04L29/08N1 H04L29/08N11M H04L29/08N1A H04L29/08N25 H04L29/08N27 H04L29/08N27I H04L29/12A1A H04L41/12 H04L43/08D H04L61/10A H04M1/725F1B H04M11/04 H04N21/2187 H04N21/4367 H04N21/462 H04N7/18C T04L12/24A2 T04L12/24A7 T04L12/24C2 T04L12/24E T04L12/24E1A T04L12/24E6B T04L12/24F3 T04L12/24G T04L12/28H10A T04L12/28H10B T04L12/28H11B T04L12/28H3A T04L29/08N15 T04L29/08N35 T04L29/12A2C T04L29/12A2H T04L29/12A3E T04L29/12A4A8D T04L29/12A4A8F T04L41/02B T04L41/02G1 T04L41/08 T04L41/08A1 T04L41/08D2 T04L41/12 T04L41/22 T04L41/28 T04L43/10 T04L61/15C T04L61/15H T04L61/20E T04L61/25A8D T04L61/25A8F T04L63/02 T04L63/02E T04L63/04B T04L63/04B4 T04L63/16D T04M1/725F1E T04M1/725F1G T04M1/725F1W T04M11/02 T04M250/22

US class: 1/1 307/66 340/12.5 340/506 340/507 340/514 340/514P 340/526 340/526P 340/531 340/539.1 340/539.100P 340/539.11 340/539.110P 340/539.14 340/539.17 340/540 340/540S 340/541 340/541S 340/545.6 340/691.6 340/691.600P 340/693.2 345/173 345/173S 348/143 348/143P 348/143S 348/E5.022 348/E50.22S 348/E7.085 348/E70.85S 370/254 370/255 370/328 370/338 370/351 370/351S 370/389 370/395.54 370/395.540P 370/401 370/401S 370/445 370/463 375/240.01 375/240.010S 375/E7.076 375/E70.76S 379/127.01 379/127.010P 380/205 380/205P 700/17 700/19 700/286 700/286S 700/300 700/300S 700/83 700/90 700/90S 705/1 705/26 705/26.1 705/26.100S 705/26S 705/314 705/314P 706/46 706/46S 706/47 706/47S 707/203 709/201 709/201S 709/202 709/203 709/203P 709/203S 709/217 709/217P 709/218 709/219 709/219P 709/220 709/220S 709/221 709/222 709/223 709/223P 709/224 709/224S 709/225 709/225S 709/226 709/226P 709/227 709/227P 709/227S 709/229 709/230 709/231 709/231P 709/232 709/238 709/238S 709/245 713/153 713/153P 715/702 715/702S 715/731 715/731S 715/734 715/734P 715/735 715/736 715/736P 715/736S 715/738 715/738P 715/764 715/764P 715/765 715/771 715/771P 715/771S 717/101 717/102 718/101 726/1 726/11 726/12 726/12P 726/12S 726/1P 726/1S 726/3 726/3S

Classification Explorer

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Abstract:
Source: US2005216302A Some embodiments of a method for premises management networking include monitoring premises management devices connected to a gateway at a premises; controlling premises management devices connected to the gateway at the premises; receiving, at the premises, an uplink–initiation signal associated with a network operations center server; and in response to the uplink–initiation signal, initiating, from the gateway at the premises, communications between the gateway and the network operations center server; and communicating, during the communications between the gateway and the network operations center server, information associated with the premises management devices.

13) Family number: 43347531 (US2009156926A) © PatBase

Title: INTEGRATED SYSTEM FOR INTRAVASCULAR PLACEMENT OF A CATHETER

Priority:

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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 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

International class (IPC 8–9): A61B A61B10/02 A61B10/06 A61B17/34 A61B19/00 A61B19/08 A61B19/10 A61B34/00 A61B34/10 A61B34/20 A61B46/00 A61B46/10 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/042 A61B5/044 A61B5/0472 A61B5/0478 A61B5/0492 A61B5/05 A61B5/055 A61B5/06 A61B5/083 A61B6/00 A61B8/00 A61B8/08 A61B8/12 A61B8/13 A61B8/14 A61B90/00 A61B90/11 A61B90/40 A61B90/98 A61M25/00 A61M25/01 A61M25/06 A61M25/095 A61M37/00 A61M5/32 A61N1/00 (Advanced/Invention);
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A61B19/00 A61B5/00 A61B5/0402 A61B5/0408 A61B5/05 A61B5/055 A61B8/00 A61M25/00 A61M25/01 A61M5/32 (Core/Invention)

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US class: 1/1 128/849 128/849S 128/852 128/852S 600/374 600/374P 600/407 600/407S 600/409 600/409P 600/409S 600/422 600/423 600/424 600/424P 600/462 600/509 600/509P 600/509S 600/521 600/523 600/585 600/585S 604/158 604/272 604/272S 604/523 604/523P 604/528 604/528S 606/130 607/116 607/122

Classification Explorer

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Abstract:
Source: US2009156926A An integrated catheter placement system for accurately placing a catheter within a patient'vasculature is disclosed. In one embodiment, the integrated system comprises a system console, a tip location sensor for temporary placement on the patient's chest, and an ultrasound probe. The tip location sensor senses a magnetic field of a stylet disposed in a lumen of the catheter when the catheter is disposed in the vasculature. The ultrasound probe ultrasonically images a portion of the vasculature prior to intravascular introduction of the catheter. The ultrasound probe includes user input controls for controlling use of the ultrasound probe in an ultrasound mode and use of the tip location sensor in a tip location mode. In another embodiment, ECG signal−based catheter tip guidance is included in the integrated system to enable guidance of the catheter tip to a desired position with respect to a node of the patient's heart.

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Title: OBSTRUCTIVE SLEEP APNEA TREATMENT DEVICES, SYSTEMS AND METHODS

Priority:

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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

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0) US2002135374A – REPAIR DEVICE FOR DECORATIVE LIGHT SHUNT

15) Family number: 28304726 (US2002135374A) © PatBase

Title: REPAIR DEVICE FOR DECORATIVE LIGHT SHUNT

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Probable Assignee: ULTA LIT TREE CO

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Agent(s): MARKS AND CLERK; JENKENS AND GILCHRIST PC; STEPHEN G RUDISILL JENKENS AND GILCHRIST A PROFESSIONAL CORP; JENKENS AND GILCHRIST; NIXON PEABODY LLP

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

International class (IPC 8–9): F21S4/00 F21S9/04 F21V19/04 F21V21/00 F21V23/02 F21V23/06 F21W121/00 F21Y101/00 G01R29/12 G01R31/00 G01R31/08 H01K3/30 H01L41/113 H01R13/46 H01R33/00 H03J1/00 H03K3/02 H05B37/03 H05B39/00 H05B39/03 H05B39/04 H05B39/10 (Advanced/Invention);
F21S4/00 F21V15/00 F21V19/00 F21W121/00 F21Y101/00 G01R31/302 (Advanced/Non–invention);
F21S4/00 F21S9/00 F21V19/04 F21V23/02 G01R31/00 H05B37/00 H05B39/00 (Core/Invention);
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Abstract:
Source: US2002135374A A repair device for fixing a malfunctioning shunt across a failed filament in a light bulb in a group of series−connected miniature decorative bulbs includes a piezoelectric pulse generator producing one or more pulses of a magnitude greater than the standard AC power line voltage. A connector receives the pulses from the pulse generator and supplies them to the group of series−connected miniature decorative bulbs.

16) Family number: 50779933 (US2012065729A) © PatBase

Title: SYSTEMS AND METHODS FOR RAPIDLY DEPLOYING SURGICAL HEART VALVES

Priority: US20100381931P 20100910 US20110167639 20110623 US20130797591 20130312 US20130797572 20130312 US20140164764 20140127 US20150847190 20150908 WO2011US47625 20110812 WO2014US21800 20140307 WO2014US23585 20140311 US20160368335 20161202 US20160360483 20161123

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 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

International class (IPC 8–9): A61F2/04 A61F2/24 A61F2/76 A61F2/958 A61M25/10 A61M31/00 (Advanced/Invention)

CPC: A61F2/2403 A61F2/2427 A61F2/2415 A61F2/2412 A61F2/2418 A61F2220/0008 A61F2220/0016 A61F2220/0025 A61F2220/005 A61F2220/0075 A61F2220/0083 A61F2230/0067 A61F2250/0018 A61F2250/0039 A61F2250/0048 A61F2250/006 A61F2250/0026 A61F2250/0069 A61F2/2433 A61F2/2409

European class: A61F2/24D A61F2/24D6 A61F2/24H2B

US class: 1/1 623/2.11 623/2.110P 623/2.14 623/2.140S 623/2.17 623/2.18

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Abstract:
Source: US2012065729A A quick−connect heart valve prosthesis that can be quickly and easily implanted during a surgical procedure is provided. The heart valve includes a substantially non−expandable, non−compressible prosthetic valve and a plastically−expandable frame, thereby enabling attachment to the annulus without sutures. A small number of guide sutures may be provided for aortic valve orientation. The prosthetic valve may be a commercially available valve with a sewing ring with the frame attached thereto. The frame may expand from a conical deployment shape to a conical expanded shape, and may include web−like struts connected between axially−extending posts. A system and method for deployment includes an integrated handle shaft and balloon catheter. A valve holder is stored with the heart valve and the handle shaft easily attaches thereto to improve valve preparation steps.

0) US2005078274A – TETHERED ELECTRICAL COMPONENTS FOR EYEGLASSES

17) Family number: 31812560 (US2005078274A) © PatBase

Title: TETHERED ELECTRICAL COMPONENTS FOR EYEGLASSES

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: INGENIOSPEC LLC

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Assignee(s): SMART IGLASSES LLC ; PATENT VENTURE CAPITAL CO

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Agent(s): IPVENTURE INC

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 US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A42B1/24 A47F7/02 A61B5/02 A61B5/04 F21V33/00 G01C22/00 G01J1/00 G01J1/02 G01J1/42 G01J1/44 G01J3/44 G01N21/65 G01T1/16 G02C1/00 G02C11/00 G02C11/06 G02C5/00 G02C5/14 G02C7/10 G03C1/00 G06F15/16 G06F15/173 G06Q10/10 G08B5/36 H02J7/00 H04M1/00 H04M1/57 H04M1/66 H04M1/725 H04M3/00 H04M3/42 H04M3/436 H04Q7/20 H04R25/00 H04W4/00 H04W4/12 H04W4/14 H04W4/16 (Advanced/Invention);
A61B5/00 G02C11/00 G02C5/14 (Advanced/Non–invention);
A42B1/00 A47F7/02 A61B5/02 A61B5/04 G01C22/00 G01J1/00 G01J1/42 G01J1/44 G01J3/44 G01N21/63 G02C1/00 G02C11/00 G02C5/00 G03C1/00 G06F15/16 G08B5/22 H04M1/00 H04M3/00 H04M3/42 H04W4/16 (Core/Invention);
G02C5/14 (Core/Non–invention)

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CPC: A42B1/245 G01C22/006 H04L67/14 H04L67/18 H04L67/306 H04L29/12122 H04L29/12009 H04L29/1216 H04L61/00 H04L61/1547 H04L61/157 H04W4/02 H04M1/05 H04M1/6066 H04R17/00 H04R2420/07 H04M1/72597 H04M1/72552 G01J1/429 G01J1/44 G01J1/0238 G01J1/0271 G01J2001/0257 G02C5/143 G02C5/146 G02C5/001 A61B5/02433 A61B5/6803 A61B5/6816 A61B5/742 G02C11/10 G06Q10/10 H04W4/14 H04M3/4365 H04W4/12 A61B5/746 H04M3/436 H04M2201/60 H04M2203/2011 H04M2203/651 H04M2207/18 H04W4/16 G02C11/06 G02C2200/08 G02C2200/02 G02C5/14 H02J7/0052 H02J7/0045 F21V33/0004 F21W2111/10 F21Y2115/10 G02C11/00

European class: A42B1/24C G01C22/00P G02C11/00 G02C11/06 G02C11/10 G02C5/00A G02C5/14E G02C5/14F G06Q10/10 H04L29/08N13 H04L29/08N29U H04L29/12A H04L29/12A2D H04L29/12A2H H04L61/15D H04L61/15H H04M1/05 H04M1/60T2B2 H04M3/436 H04Q7/32 H04W2/08 H04W204/16 H04W4/02 H04W4/16 S02C200/08 T04L29/08N17 T04L29/12A T04L29/12A2 T04L61/00 T04M201/60 T04M203/20B T04M203/65A T04M207/18 T04R17/00 T04R420/07

US class: 1/1 2/422 2/422P 211/85.1 211/85.100S 250/200 250/206 250/239 250/372 340/572.1 340/600 351/116 351/116S 351/119 351/119S 351/121 351/122 351/156 351/158 351/158P 351/41 351/41P 377/19 377/19S 379/142.4 379/265.09 379/420.01 381/322 381/327 381/330 381/381 455/411 455/412.1 455/412.100P 455/412.2 455/413 455/414.1 455/414.4 455/415 455/417 455/418 455/435.3 455/445 455/445S 455/466 455/466P 455/466S 455/550.1 455/556.1 455/556.100 455/569.1 455/575.1 455/90.3 702/160 704/247 709/206 709/206P 709/247 709/247S

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Abstract:
Source: US2005078274A Tethered electrical components coupled to electrical components in or attached to a pair of eyeglasses are disclosed. The tethered electrical components can allow a user to communicate with a communication device in a wireless and hands−free manner. The tethered electrical components may also include and/or control one or more operation indicators to signal operational status of the electrical components. In addition, the tethered electrical components may also include and/or control one or more sensors to monitor and signal conditions of users of the tethered electrical components.

0) US2014112828A – HEMODIALYSIS SYSTEM

18) Family number: 52445321 (US2014112828A) © PatBase

Title: HEMODIALYSIS SYSTEM

Priority: AU20120258687 20120524 AU20160203424 20160525 US20110489464P 20110524 US20120122166 20120524 EP20120726672 20120524 JP20140512107T 20120524 WO2012US39369 20120524 US20150723221 20150527 US20130122166 20131125 US20150121980P 20150227 US20140003346P 20140527 WO2015US32702 20150527

Family:

Publication number	Publication date	Application number	Application date
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WO15183976 A8	20160211	WO2015US32702	20150527

Probable Assignee: DEKA PRODUCTS LP

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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 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

International class (IPC 8–9)**:** A61M1/10 A61M1/14 A61M1/16 A61M1/34 A61M1/36 A61M25/18 A61M39/02 A61M39/28 G06F1/16 G06F19/00 (Advanced/Invention); A61M1/16 (Advanced/Non–invention)

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Classification Explorer

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Abstract:
Source: US2014112828A A drain cassette for a dialysis unit has a fluid channel between venous and arterial connection ports, and a valve may controllably open and close fluid communication between a drain outlet port and the venous connection port or the arterial connection port. A blood circuit assembly and drain cassette may be removable from the dialysis unit, e.g., by hand and without the use of tools. A blood circuit assembly may include a single, unitary member that defines portions of a pair of blood pumps, control valves, channels to accurately position flexible tubing for an occluder, an air trap support, and/or other portions of the assembly. A blood circuit assembly engagement device may assist with retaining a blood circuit assembly on the dialysis unit, and/or with removal of the assembly. An actuator may operate a retainer element and an ejector element that interact with the assembly.

0) US2005085813A – SYSTEM AND METHOD FOR STABILIZING OF INTERNAL S...

19) Family number: 33005577 (US2005085813A) © PatBase

Title: SYSTEM AND METHOD FOR STABILIZING OF INTERNAL STRUCTURES

Priority:

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Family:

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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 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

International class (IPC 8–9): A61B17/56 A61B17/58 A61B17/60 A61B17/70 A61B17/86 A61B17/88 A61B5/103 A61F2/00 A61F2/30 A61F5/00 (Advanced/Invention); A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/88 A61B5/103 A61F5/00 (Core/Invention)

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CPC: A61B5/6878 A61B5/6882 Y10S606/914 A61B5/103 A61B5/107 A61B5/4504 A61B17/1604 A61B17/3417 A61B17/3421 A61B17/704 A61B17/7091 A61B17/1735 A61B17/864 A61B17/8875 A61B17/70 Y10T74/22 A61B17/320016 A61B2090/061 A61B2090/067 A61B17/7038 A61B17/1655 A61B17/1757 A61B17/3468 A61B17/7002 A61B17/7005 A61B17/701 A61B17/7011 A61B17/7032 A61B17/7037 A61B17/7082 A61B17/7085 A61B2017/320044

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Forward Citations: WO13158660, WO12145253, WO12029025, WO11133160, WO11126825, WO11126825, WO11057178, WO11017712, WO11017712, WO10065648, WO10047736, WO09085057, WO09055026, WO09029458, WO09012247, WO08115549, WO08091501, WO08089298, WO08089298, WO08070773, WO08045210, WO07149426, WO07149426, WO07115108, WO07038351, WO07038351, WO07025132, WO07025132, WO07014158, WO06042189, WO06042189, WO06029373, WO05094416, WO05076868, USRE46432, USRE46431, USRE46096, USRE45676, USRE45659, USRE45571, USRE45436, USRE45338, USRE44813, USRE44296, USRE43526, USRE42525, USD750776, USD741485, USD739193, USD667952, USD643925, USD641480, USD624647, USD620109, USD589147, US9808296, US9808293, US9808281, US9801662, US9801640, US9801639, US9795430, US9795416, US9795413, US9795370, US9788870, US9782204, US9775660, US9770265, US9763678, US9757166, US9750547, US9750546, US9750545, US9750540, US9744050, US9743957, US9737339, US9730739, US9730738, US9730736, US9724145, US9724140, US9724139, US9724130, US9717534, US9717533, US9713488, US9713479, US9707019, US9707014, US9700357, US9681895, US9681863, US9675392, US9675303, US9668788, US9668787, US9668776, US9668771, US9662151, US9662143, US9655685, US9655665, US9655660, US9655658, US9655652, US9655650, US9649140, US9642655, US9636151, US9636146, US9629669, US9629668, US9615894, US9604040, US9603643, US9603631, US9603627, US9597119, US9596428, US9592063, US9585696, US9579140, US9572603, US9566092, US9566086, US9561059, US9554833, US9545274, US9545270, US9545245, US9539012, US9539001, US9532815, US9532812, US9532810, US9532774, US9526536, US9526534, US9522021, US9517093, US9510875, US9504582, US9504496, US9498273, US9498266, US9498262, US9498258, US9492208, US9486257, US9486255, US9480517, US9480500, US9474561, US9456850, US9452026, US9452000, US9451993, US9451989, US9445844, US9445843, US9445805, US9439699, US9439692, US9439683, US9433446, US9421038, US9414863, US9414862, US9408716, US9408642, US9402663, US9393055, US9393047, US9387013, US9375239, US9364264, US9358122, US9358060, US9345547, US9339309, US9339303, US9332983, US9326798, US9326777, US9320545, US9320543, US9314279, US9314274, US9308027, US9307972, US9295500, US9295494, US9289244, US9289242, US9283005, US9283003, US9282979, US9265515, US9259299, US9247977, US9247966, US9241720, US9232968, US9226782, US9226764, US9220543, US9216041, US9216040, US9216039, US9211150, US9211146, US9198698, US9192415, US9186186, US9186182, US9179957, US9179926, US9168069, US9168068, US9161786, US9161783, US9155572, US9155570, US9155567, US9155565, US9149302, US9144444, US9144441, US9144437, US9138264, US9131934, US9125692, US9119684, US9119680, US9113962, US9101426, US9101416, US9101414, US9101404, US9101403, US9095379, US9095378, US9089370, US9084634, US9066763, US9066762, US9060873, US9060825, US9060818, US9060817, US9060813, US9055979, US9055978, US9055934, US9050148, US9050146, US9050139, US9044274, US9039742, US9033988, US9028551, US9028522, US9028478, US9023084, US9011450, US8998960, US8998959, US8998958, US8998952, US8992576, US8986349, US8979904, US8979851, US8979848, US8974461, US8961518, US8956362, US8956361, US8945183, US8936626, US8936623, US8926672, US8926670, US8926669, US8920425, US8915945,

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Abstract:
Source: US2005085813A There is shown a system and method for reducing the difficulty in percutaneous placement of a spine stabilization brace by coupling the brace to a pedicle screw in a single assembly. The brace−screw assembly is delivered along with an anchor extension through a cannula for anchoring in the vertebrae pedicle. The anchor extension becomes a cannula for working on the brace from the exterior of the patient, as constructed with a slot opening along two sides. Once the screw portion of the brace−screw assembly is locked in place with respect to the first vertebra, the proximal end of the brace is below the skin line. The brace is then repositioned so that the proximal end leaves the cannula through one slot and is captured by a corresponding slot positioned in a second cannula coupled to a second anchor. Once captured, the proximal end of the brace is guided by the second cannula to a receptacle positioned in the second vertebra.

0) US2002103486A – POWER–ASSISTED LIPOSUCTION INSTRUMENT WITH CAUT...

20) Family number: 30047870 (US2002103486A) © PatBase

Title: Power–assisted liposuction instrument with cauterizing cannula assembly

Priority: EP19940306845 19940919 US19900627240 19901214 US19970976073 19971121 US20000507266 20000218 US19970882927 19970626 US19940307000 19940916 US20030442645 20030521 US20050145027 20050603 US20050145578 20050603 US20030702215 20031104 US20010993297 20011119 US20050081885 20050316 US20020266093 20021004 US20020068458 20020207 US20070981513 20071031 US20060522799 20060918

Family:

Publication number	Publication date	Application number	Application date
DE69431798 D1	20030109	DE19946031798	19940919
DE69431798 T2	20030814	DE19946031798T	19940919
EP0701825 A1	19960320	EP19940306845	19940919
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Probable Assignee: ROCIN LABORATORIES INC

Assignee(s):(std)**:** CUCIN ROBERT L ; ROCIN LAB INC

Assignee(s): ROCIN LABORATORIES INC

Inventor(s):(std)**:** CUCIN ROBERT L

Inventor(s): CUCIN ROBERT

Agent(s): THOMAS J PERKOWSKI ESQ PC; THOMAS J PERKOWSKI ESQ PC SOUNDVIEW PLAZA; THOMAS J; PERKOWSKI ESQ PC THOMAS J

Designated states: DE DK FR GB IT NL SE

International class (IPC 8–9): A61B17/20 A61B17/32 A61B18/14 A61B18/18 A61M1/00 A61M27/00 (Advanced/Invention); A61M1/00 (Advanced/Non–invention); A61B17/32 A61M1/00 A61M27/00 (Core/Invention); A61M1/00 (Core/Non–invention)

International class (IPC 1–7):	A61B17/00 A61B17/20 A61B18/18 A61M1/00
CPC:	A61B2018/00464 A61B2217/005 Y10S604/902 A61B17/32002 A61M1/008 A61M2202/08 A61M2205/106
European class:	A61B17/32E2 A61M1/00T K61B18/00F8A2 K61B217/00Q16 K61M1/00T K61M202/08 K61M205/10T
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Abstract:
Source: US2002103486A A method and apparatus is disclosed for mechanically−assisted liposuction treatment. The apparatus includes a hand−holdable housing, an electro−cauterizing cannula assembly, and a reciprocation mechanism. The hand−holdable housing has a cavity adaptable for receipt of a portion of the electro−cauterizing cannula assembly. The electro−cauterizing cannula assembly includes an inner cannula and an outer cannula, each having a distal end and a proximal end and at least one aspiration aperture about the distal end. The inner cannula is disposed within the outer cannula and the inner and outer aspiration apertures are in at least partial registration to form an effective aspiration aperture. The reciprocation mechanism is disposed within the housing and is operably associated with either the inner or outer cannula so that one of the cannulas can be selectively caused to reciprocate relative to the housing while the other is stationarily disposed relative to the housing. As one of the cannulas is caused to reciprocate relative to the other the effective aspiration aperture formed through the distal end of the cannula assembly, is caused to undergo periodic displacement. During aspiration of tissue, high−voltage RF power signals are supplied to the inner and outer cannulas to effect hemostasis about the reciprocating aspiration aperture. Such hemostasis is achieved by causing protein molecules within aspirated tissue to coagulate in response to the high−voltage RF signals being supplied across the reciprocating cannulas. In the preferred embodiments, the amount and rate of such aspiration aperture displacement is controllably adjustable. The cannula assembly is releasably detachable from the hand−holdable housing to facilitate cleaning and sterilization of the cannula assembly and the housing.

0) US2009259107A – METHODS AND DEVICES TO DECREASE TISSUE TRAUMA D...

21) Family number: 43835358 (US2009259107A) © PatBase

Title: METHODS AND DEVICES TO DECREASE TISSUE TRAUMA DURING SURGERY

Priority:
AU20090234286 20090413 AU20150202539 20150512 US20080127491P 20080514
US20080123806P 20080411 US20080044154P 20080411 US20080127575P 20080514
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WO2011US37191 20110519 WO2012US54442 20120910 US20150734661 20150609

Family:

Publication number	Publication date	Application number	Application date
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AU2012304320 BB	20160915	AU20120304320	20120910
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AU2015202539 BB	20170518	AU20150202539	20150512
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WO16200757 A1	20161215	WO2016US36130	20160607

Probable Assignee: PHYSCIENT INC

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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 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

International class (IPC 8–9): A61B1/32 A61B17/00 A61B17/02 A61B17/12 A61B17/34 A61B17/80 A61B5/00 A61B7/00 A61B90/00 A61F2/958 A61M25/10 A61M29/00 G01N3/00 (Advanced/Invention); A61B17/00 A61B19/00 (Advanced/Non–invention); A61B (Subclass/Invention)

International class (IPC 1–7): A61B17/02

CPC: A61B17/0218 A61B2017/0225 A61B2017/3488 A61M25/104 A61B2017/0262 A61B2017/00022 A61B2090/064 A61B2090/065 A61B90/11 A61B2090/08021 A61B17/3423 A61B17/8076 A61B2017/00893 A61B2017/3405 A61B2017/3427 A61B2090/0809 A61B5/0051 A61B5/442 A61B7/00 A61B17/02 A61B17/0206 A61B17/0293 A61B17/12136 A61B2017/00172 A61B2017/00181 A61B2017/00314 A61B2017/00323 A61B2017/00398 A61B2017/00539 A61B2017/00544 A61B2017/00557 A61B2017/00734 A61B2017/0256 A61B2562/0219 A61B5/7239 A61B17/025 A61B90/03

European class: A61B17/02 A61B17/02A A61B17/02R A61B17/12P7B A61B5/00M2 A61B5/44B2 A61B7/00 K61B17/00C4P2 K61B17/00C4P3 K61B17/00E3G4S K61B17/00E3G6C K61B17/00F4 K61B17/00N2 K61B17/00N4 K61B17/00N8 K61B17/00Q12 K61B17/02J K61B17/02J2 K61B19/30 K61B19/46H K61B19/46H2 K61B19/48H4 K61B562/02C

US class: 1/1 600/201 600/202 600/202P 600/206 600/206P 600/210 600/210S 600/211 600/217 600/217S 606/192

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DE102011117413, DE102011050418, CN102630152, AU2011305639,

Abstract:
Source: US2009259107A Methods and devices are disclosed to reduce the tissue trauma that occurs when a physician retracts or otherwise deforms a patient's tissues for surgery or other medical procedures. In one part, methods and devices are disclosed for controlling the force and pace of retraction to reduce tissue trauma. In another part, methods and devices are disclosed for applying an oscillating load when opening. In another part, pads that cool the tissue around the incision are disclosed. In another part, pads that elute drugs into the tissues of the tissue margin are disclosed. In another part, methods and devices are disclosed that self−align components of the retractor and engage hard tissues directly to avoid soft tissue damage. In another part, pads that engage tissues to cushion, to sense tissue state, and to modulate tissue state are disclosed.

0) US6842987B – TRIGGER DEVICE FOR CHAIN BRAKE

22) Family number: 29611485 (US6842987B) © PatBase

Title: Trigger device for chain brake

Priority: SE19990004364 19991202 WO2000SE02276 20001120

Family:

Publication number	Publication date	Application number	Application date
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Inventor(s):(std)**:** BJOEHKMAN PETER ; BJOERKMAN PETER ; BJORKMAN PETER ; MARTINSSON PAER ; MARTINSSON PAR ; MARTINSSON PEHI ; MARTINSSON PER ; B ERKMAN PETER

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Agent(s): FETHERSTONHAUGH AND CO

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

International class (IPC 8–9): B27B17/00 B27B17/08 B27B17/10 B27B19/00 (Advanced/Invention); B27B17/00 (Advanced/Non–invention); B27B17/00 B27B19/00 (Core/Invention)

International class (IPC 1–7): B23D57/02 B27B17/00 B27B17/02 B27B17/10 B27B19/00 B27G19/00

CPC: B27B17/083

European class: B27B17/08B

US class: 30/381 30/382 303/820

Classification Explorer

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Forward Citations: WO14053469, WO12122136, WO12122136, USD577557, USD576005, USD574207, USD573860, USD558020, USD558019, US8973276, US7331111, US7316299, US7200941, US2015260241, US2015258703, US2015258658, US2014310965, US2009241353, US2008092399, US2007011889, US2007011888, EP2221155, CN103517788, CN103068537,

Abstract:
Source: US6842987B A brake triggering device with a pivotably mounted trigger arm (1) located in connection to a handheld working tool's, mainly a chain saw's (2), rear handle (3), with a throttle control (4) and a handle opening (5) located below the handle (3), so that the trigger arm (1), when the saw changes inclination in relation to the operator's forearm, e.g. at the event of kickback or fall, is actuated by the operator's hand or arm, whereby the trigger arm (1) via a transfer mechanism actuates a brake (9) so that this stops the movement of the saw chain. The pivot (10) of the trigger arm is located in connection to a front (11) or a bottom (12) side of the handle opening (5).

0) US2013345718A – SURGICAL ROBOT PLATFORM

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Title: SURGICAL ROBOT PLATFORM

Priority:

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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 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

International class(IPC 8–9)**:** A61B10/02 A61B17/00 A61B17/02 A61B17/16 A61B17/17 A61B17/34 A61B17/70 A61B17/88 A61B19/00 A61B34/00 A61B34/10 A61B34/20 A61B34/30 A61B34/32 A61B46/20 A61B5/00 A61B5/055 A61B5/06 A61B50/13 A61B6/00 A61B6/03 A61B90/00 A61B90/14 A61B90/90 A61B90/98 A61F2/46 A61M5/172 A61N1/05 B25J13/06 B25J3/00 B25J9/02 G01S5/16 G06T7/00 (Advanced/Invention); A61B10/02 A61B17/00 A61B17/16 A61B34/00 A61B34/10 A61B34/20 A61B34/32 A61B90/00 A61B90/14 (Advanced/Non–invention)

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Abstract:
Source: US2013345718A A medical robot system, including a robot coupled to an effectuator element with the robot configured for controlled movement and positioning. The system may include a transmitter configured to emit one or more signals, and the transmitter is coupled to an instrument coupled to the effectuator element. The system may further include a motor assembly coupled to the robot and a plurality of receivers configured to receive the one or more signals emitted by the transmitter. A control unit is coupled to the motor assembly and the plurality of receivers, and the control unit is configured to supply one or more instruction signals to the motor assembly. The instruction signals can be configured to cause the motor assembly to selectively move the effectuator element and is further configured to (i) calculate a position of the at least one transmitter by analysis of the signals received by the plurality of receivers; (ii) display the position of the at least one transmitter with respect to the body of the patient; and (iii) selectively control actuation of the motor assembly in response to the signals received by the plurality of receivers.

24) Family number: 29772984 (US2003216792A) © PatBase

Title: RENAL NERVE STIMULATION METHOD AND APPARATUS FOR TREATMENT OF PATIENTS

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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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/05 A61B10/00 A61B17/00 A61B17/12 A61B17/22 A61B17/34 A61B18/00 A61B18/02 A61B18/04 A61B18/08 A61B18/12 A61B18/14 A61B18/16 A61B18/18 A61B19/00 A61B5/00 A61B5/01 A61B5/0408 A61B5/042 A61B5/055 A61B8/06 A61B8/08 A61B8/12 A61F2/00 A61F2/958 A61F7/00 A61F7/10 A61F7/12 A61H1/00 A61K31/13 A61K31/135 A61K31/165 A61K31/195 A61K31/198 A61K31/40 A61K31/4168 A61K31/435 A61K31/445 A61K31/506 A61K31/519 A61K31/52 A61K31/529 A61K38/48 A61K45/00 A61K45/06 A61K49/00 A61K9/00 A61K9/22 A61K9/70 A61L15/58 A61L29/14 A61L31/00 A61M25/00 A61M25/01 A61M25/10 A61M29/00 A61M31/00 A61M37/00 A61M5/00 A61M5/14 A61M5/142 A61M5/145 A61M5/158 A61M5/172 A61M5/32 A61M5/44 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/06 A61N1/08 A61N1/10 A61N1/18 A61N1/20 A61N1/28 A61N1/30 A61N1/32 A61N1/36 A61N1/372 A61N1/375 A61N1/378 A61N1/39 A61N1/40 A61N5/00 A61N5/02 A61N5/04 A61N5/06 A61N7/00 A61N7/02 A61P25/00 A61P25/24 B60R25/00 B60R25/10 B60R25/24 E05B81/60 H03C3/09 H03M5/12 H04Q7/18 H04Q7/32 (Advanced/Invention);

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European class: A61B18/12G A61B18/14 A61B18/14V A61B18/14V4 A61F7/12B A61M25/10 A61M5/142P10 A61M5/172B A61N1/04E1E A61N1/05 A61N1/05L A61N1/05L8 A61N1/05N A61N1/28 A61N1/32 A61N1/32B A61N1/32P A61N1/32S A61N1/36 A61N1/36B A61N1/36E2 A61N1/36Z A61N1/36Z2 A61N1/36Z3J A61N1/40 A61N1/40T A61N5/04B A61N5/06C12 B60R25/10F B60R25/24 B60R25/40B H04Q7/18 H04Q7/32E K61B17/00C1T K61B17/22H2 K61B17/22H7C K61B18/00A2C K61B18/00B14 K61B18/00B16A K61B18/00F10 K61B18/00F10A K61B18/00F6C K61B18/00F7 K61B18/00G1 K61B18/00G6 K61B18/00H10A K61B18/00H12B K61B18/00H12R K61B18/12G K61B18/12G6 K61B18/14C12B K61B18/14C12C K61B18/14M K61B18/14V K61B18/18M K61B19/54 K61F7/00C2 K61F7/00E2 K61F7/10 K61F7/12D K61M210/10K2 K61M25/01C1 K61M5/172B K61M5/172B2 K61N1/05D K61N1/05K1 K61N1/05K1S K61N1/05L K61N1/05L8 K61N1/05N4 K61N1/20P K61N1/32D K61N1/32P K61N1/32S K61N1/36 K61N1/362C K61N1/36B K61N1/36E K61N1/36E2 K61N1/36E4 K61N1/36E6 K61N1/36Z K61N1/36Z2 K61N1/36Z3E1 K61N1/36Z3J K61N1/36Z3J1 K61N1/372A K61N5/06B K61N7/00 K61N7/00A10C K61N7/02 K61N7/02C

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Abstract:
Source: US2003216792A A method and apparatus for treatment of heart failure, hypertension and renal failure by stimulating the renal nerve. The goal of therapy is to reduce sympathetic activity of the renal nerve. Therapy is accomplished by at least partially blocking the nerve with drug infusion or electrostimulation. Apparatus can be permanently implanted or catheter based.

0) US2016061549A – TRIGGER ASSEMBLY OF A PRECISION GUIDED FIREARM ...

25) Family number: 61605014 (US2016061549A) © PatBase

Title: TRIGGER ASSEMBLY OF A PRECISION GUIDED FIREARM

Priority: US20140031952P 20140801 US20150815931 20150731

Family:

Publication number	Publication date	Application number	Application date
US2016061549 AA	20160303	US20150815931	20150731
WO16019305 A2	20160204	WO2015US43227	20150731
WO16019305 A3	20160616	WO2015US43227	20150731

Probable Assignee: TRACKINGPOINT INC

Assignee(s):(std)**:** TRACKINGPOINT INC

Assignee(s): COMERICA BANK

Inventor(s):(std)**:** ACHEE EHREN ; BAILEY HILLMAN ; BRASE KEVIN D ; DELZ MARK ; PATTERSON ROY ; SCHAUBLE JASON PETER

Agent(s): REED RONALD M

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 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

International class (IPC 8–9): F41A17/06 F41A19/10 F41A19/12 F41A19/14 F41G1/00 (Advanced/Invention)

CPC: F41A17/56 F41A19/58 F41G1/38 F41G1/00 F41A19/14 F41A19/12

US class: 42/69.01

Classification Explorer

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Forward Citations: US9541573, US2016061550,

Abstract:
Source: US2016061549A In certain embodiments, a trigger assembly including a bi−stable switch system configured to selectively engage a portion of the sear in a first state and to transition from the first state to a second state to selectively disengage the portion of the sear in response to an electrical signal.

26) Family number: 32089954 (US2004092892A) © PatBase

Title: APPARATUS AND METHODS FOR TREATMENT OF MORBID OBESITY

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: VALENTX INC

Assignee(s):(std)**:** BALDWIN THOMAS ; BALLIRO JAMES ; BUTTERS JOSH ; BUTTERS JOSHUA ; CARR LOCKE DAVID ; DANN MITCHELL ; FALLIN T W ; GUTERMAN LEE ; LEARY JAMES ; VALENTX INC ; KAGAN JONATHAN ; FLUET GREG ; IKRAMUDDIN SAYEED ; SWAIN PAUL ; THOMAS RICHARD ; HOFFMANN GERARD V ; FALLIN WADE ; FALLIN T WADE ; HOFFMANN GERARD VON ; VON HOFFMANN GERARD ; WILMORE MARY LYNN ; WILMORE MARY L ; WRIGHT JAMES

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Agent(s): HERNANDEZ YORCK DIPL ING; RAYNOR SIMON MARK; RATABOUL XAVIER ET AL; KNOBBE MARTENS OLSON AND BEAR LLP

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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/064 A61B17/08 A61B17/11 A61B17/12 A61F2/02 A61F2/04 A61F2/06 A61F5/00 A61M25/00 A61M31/00 A61M39/00 A61M5/00 G06F1/00 (Advanced/Invention); A61B17/06 A61B17/28 A61B17/29 A61F2/04 A61F2/06 (Advanced/Non–invention); A61F2/02 A61M31/00 A61M39/00 G06F1/00 (Core/Invention)

International class (IPC 1–7): A61B17/08 A61F2/04 A61F5/00 A61M25/00 A61M31/00 A61M5/00

CPC:

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US class: 1/1 128/898 128/898S 604/175 604/256 604/263 604/264 604/264P 604/27 604/270 604/270S 604/271 604/275 604/5 604/500 604/500P 604/500S 604/513 604/514 604/516 604/523 604/523S 604/524 604/525 604/526 604/8 604/8P 604/909 604/910 606/139 606/151 606/151P 606/153 606/157 606/157S 623/1.11 623/1.110P 623/11.11 623/11.110 623/23.65 623/23.650 623/23.650P

Classification Explorer

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Abstract:
Source: US2004092892A Apparatus and methods are described for treatment of morbid obesity using minimally invasive techniques. The apparatus includes a system of components that may be used separately or in combination for effectively reducing stomach volume, bypassing a portion of the stomach and/or small intestines, reducing nutrient absorption in the stomach and/or small intestines and/or depositing minimally or undigested food farther than normal into the intestines, thereby stimulating intestinal responses. The components described include an artificial stoma device, a gastric sleeve device, an intestinal sleeve device, a combined gastrointestinal sleeve device and permanent and detachable attachment systems. Also described are devices for delivering and deploying the components of the system.

27) Family number: 43633282 (US2009205643A) © PatBase

Title: ACCELERATED TWO–PHASE SURGICAL PROCEDURE FOR CREATING A PNEUMOSTOMA TO TREAT CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: PORTAERO INC

Assignee(s):(std)**:** ABRAHAM RICHARD A ; BOSECK GARY L ; CERIER JEFFREY C ; EVANS STEPHEN C ; PLOUGH DAVID C ; PORTAERO INC ; WIESMAN JOSHUA P ; TANAKA DON ; WISDOM RICHARD S ; POTAERO INC

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Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; GOWLING LAFLEUR HENDERSON LLP; GOVER RICHARD PAUL; FLIESLER MEYER LLP; MEYER SHELDON R 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 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

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/068 A61B17/20 A61B17/32 A61B17/3209 A61B19/00 A61B5/08 A61B5/097 A61B6/00 A61B7/00 A61B8/12 A61F11/00 A61F2/958 A61L29/16 A61M1/00 A61M15/00 A61M16/00 A61M16/04 A61M25/00 A61M25/01 A61M25/02 A61M25/10 A61M27/00 A61M31/00 A61M36/04 A61M37/00 A61M39/08 A61M39/22 A61M5/00 A61M5/178 A61M5/32 A62B18/00 A62B7/00 A62B9/00 (Advanced/Invention); A61B17/32 A61M16/00 (Core/Invention)

International class (IPC 1–7): A61M31/00

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US class: 128/200.24 128/200.240P 128/200.240S 128/200.26 128/200.260P 128/202.22 128/202.220P 128/202.27 128/203.15 128/203.150P 128/205.12 128/205.19 128/205.24 128/205.27 128/205.270P 128/205.29 128/207.14 128/207.29 227/175.1 227/175.100S 600/431 600/435 600/435P 600/532 600/532P 600/538 600/543 600/543S 604/164.04 604/174 604/174P 604/175 604/180 604/212 604/22 604/22S 604/246 604/246S 604/257 604/257S 604/264 604/27 604/275 604/275P 604/275S 604/276 604/304 604/307 604/35 604/37 604/386 604/45 604/47 604/500 604/500P 604/500S 604/506 604/523 604/540 604/540S 604/93.01 604/93.010P 604/96.01 604/96.010S 604/97.02 604/97.020P 606/1 606/108 606/108P 606/139 606/139S 606/167 606/185

Classification Explorer

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Abstract:
Source: US2009205643A An accelerated two−phase surgical procedure is disclosed for creating a pneumostoma to treat chronic obstructive pulmonary disease. The first phase includes creation of a localized pleurodesis. The localized pleurodesis is created using chemical agents and/or mechanical fasteners to secure the visceral membrane to the pleural membrane. The second phase includes introduction of a surgical instrument into the lung via the pleurodesis to create the pneumostoma. The first and second phases are performed as parts of a single surgical procedure. The formation of a stable pleurodesis is to prevent pneumothorax during the procedure.

28) Family number: 28168778 (US2002018281A) © PatBase

Title: Coupled electrochromic compounds with photostable dication oxidation states

Priority:

CN200480012149 20040506 CN200780007652 20070302 CN200780016001 20070305
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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 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 YU ZA ZM ZW

International class (IPC 8–9): B05D5/06 B05D5/12 B23K26/362 B23K26/402 B32B17/06 B32B17/10 B32B7/02 B32B7/14 B60Q1/26 B60R1/02 B60R1/04 B60R1/06 B60R1/07 B60R1/08 B60R1/12 C03C17/36 C09K9/02 C23C14/08 C23C14/46 F16M13/02 G02B1/04 G02B1/10 G02B13/04 G02B27/00 G02B27/14 G02B5/08 G02B5/20 G02B5/26 G02B5/28 G02B7/182 G02F1/00 G02F1/01 G02F1/03 G02F1/061 G02F1/15 G02F1/153 G02F1/155 G02F1/157 G02F1/161 G02F1/163 H05K1/02 H05K3/32 (Advanced/Invention); B60R1/04 B60R1/06 B60R1/08 C23C14/08 C23C14/34 G02F1/1345 G02F1/15 G02F1/155 G02F1/157 G02F1/161 H05K1/03 (Advanced/Non–invention); B05D5/06 B32B7/02 B60R1/06 B60R1/08 B60R1/12 C23C14/46 G02B1/04 G02B27/00 G02B5/08 G02B5/20 G02B5/26 G02B5/28 G02F1/00 G02F1/01 H05K1/02 H05K3/32 (Core/Invention); H05K1/03 (Core/Non–invention); B60R (Subclass/Invention)

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CPC: C09K9/02 G02F1/1521 G02F2001/1512 B82Y20/00 G02F2202/36 C23C14/185 C23C14/5833 C23C14/5873 B60R1/1207 B60R2001/123 B60R2001/1284 G02F1/1345 Y10S359/90 F16M13/02 H05K2201/10106 H05K1/0306 H05K1/0274 H05K3/321 H05K2201/0108 H05K2201/10651 H05K2201/2036 H05K2201/2054 G02B27/14 B60R1/084 Y10T29/49826 G02F1/0018 G02B5/0808 B32B17/06 B32B17/10036 B32B17/10174 B32B17/10321 B32B17/10513 B32B2255/205 B32B2605/00 B32B2307/40 C23C14/086 B60R1/12 C03C17/36 C03C17/3618 C03C17/3639 C03C17/3663 B60R1/025 B32B2307/202 B32B2307/412 B32B2307/728 B32B2307/73 B32B2605/006 C23C14/34 G02B5/0875 B23K26/362 B23K26/402 B23K2203/50 B23K2203/00 G02F1/1533 Y10T29/49002 Y10T428/24355 Y10T428/2495 G02F2203/09 C03C17/3647 C03C17/3649 B60R1/00 B60R1/04 B60R1/083 B60R1/085 B60R2001/1215 B60R2001/1223 B60R2001/1253 B60R2300/108 E06B3/6722 G02F2201/34 G02F1/136204 E06B9/24 G02F1/13439 G02F1/157 G02F1/163 G02F2201/48 B60R1/088 G02F1/161 G02F1/153 B60R1/06 G02F1/155

European class: B32B17/06 B32B17/10C4 B32B17/10E10 B32B17/10E20 B32B17/10E40D64 B60R1/00 B60R1/04 B60R1/06 B60R1/08 B60R1/08G B60R1/08G2 B60R1/08G3 B60R1/08G5 B60R1/12 B82Y20/00 C03C17/36 C03C17/36B320 C03C17/36B339 C03C17/36B352M C09K9/02 C23C14/08L C23C14/18B C23C14/58D2 C23C14/58J E06B3/67F2 G02F1/15 G02F1/153 G02F1/153B G02F1/155 G02F1/157 G02F1/15V G02F1/161 G02F1/163 H05K1/02G H05K3/32B L60R1/12A L60R1/12B L60R1/12C L60R1/12D L60R1/12G L60R1/12L L60R300/10X P06B9/24 S02F1/1343B S02F1/1345 S02F1/153B S02F1/155 S02F1/157 S02F1/15B S02F1/15M S02F1/161 S02F1/163 S02F201/34 S02F201/48 S02F202/36 S02F203/02 T05K1/03B T05K201/01A1 T05K201/10D1D T05K201/20F

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Abstract:
Source: US2002018281A Coupling of anodic electrochromic compounds by a covalent bond or a bridge link which provides for electronic communication between the coupled electrochromic compounds results in coupled electrochromic compounds which exhibit greater stability as well as electrochromic activity that differs from the monomeric electrochromic compounds. Extension of the absorption spectrum into the near−infrared region of the spectrum is frequently observed. The coupled electrochromic compounds are highly suitable for use in electrochromic media used to produce electrochromic devices.

0) US2014070957A – WEARABLE COMMUNICATION PLATFORM

29) Family number: 55978199 (US2014070957A) © PatBase

Title: WEARABLE COMMUNICATION PLATFORM

Priority: US20120699440P 20120911 US20130023830 20130911 US20130862936P 20130806 US20140058519P 20141001 US20140080966P 20141117 US20140097560P 20141229 US20140331185 20140714 US20140950782P 20140310 US20140331142 20140714 US20150612060 20150202 WO2013EP68841 20130911 US20150644180 20150310 US20150194731P 20150720 US20150324152 20150714 WO2015US19797 20150310 WO2015IB02074 20151001 WO2015IB01802 20150714

Family:

Publication number	Publication date	Application number	Application date
CA2941872 AA	20160907	CA20152941872	20150310
CA2965884 AA	20170426	CA20152965884	20151001
CN104768455 A	20150708	CN201380058593	20130911
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WO16051268 A1	20160407	WO2015IB02074	20151001
WO17013493 A1	20170126	WO2016IB01146	20160720

Probable Assignee: L I F E CORP S A

Assignee(s):(std)**:** ALIVERTI ANDREA ; L I F E CORP S A ; LONGINOTTI BUITONI GIANLUIGI

Assignee(s): LIFE CORP SA

Inventor(s):(std)**:** ANDREA ALIVERTI ; PALLAI FABRIZIO ; LONGINOTTI BUITONI GIANLUIGI ; ALIVERTI ANDREA

Agent(s): FETHERSTONHAUGH AND CO; OFFICE FREYLINGER; PRICE NIGEL JOHN KING; J A KEMP; SHAY GLENN LLP; KIHN PIERRE ET AL; SHOOP RICHARD D

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

International class (IPC 8–9): A41D1/00 A41D13/00 A41D13/12 A41D27/00 A41H43/04 A61B5/00 A61B5/0205 A61B5/024 A61B5/04 A61B5/0408 A61B5/0478 A61B5/0492 A61B5/08 A61B5/11 A61B5/113 A61B5/16 A63B71/06 B29C65/52 B29C65/54 B32B3/08 B32B37/26 B32B38/14 B44C1/17 D03D1/00 D06N3/00 D06N3/04 G01L1/22 G06F1/16 H05K1/02 H05K1/03 H05K1/09 H05K3/32 (Advanced/Invention); A61B5/0408 A61B5/113 C09D11/52 H05K3/00 (Advanced/Non–invention)

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US class: 1/1 156/234 156/238 156/239 156/240 156/247 156/277 156/289 2/69 29/825 340/870.01 427/97.3 600/301 600/372 600/382 600/384 600/388 600/393 600/509 600/534 73/862.474

Classification Explorer

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Forward Citations: WO17189126, WO17174471, WO17163254, WO17155423, WO17144075, WO17121435, WO17121434, WO17120367, WO17105696, WO17099911, WO17089986, WO17088068, WO17086073, WO17084608, WO17076391, WO17072582, WO17070326, WO17040589, WO17037642, WO17037250, WO17033058, WO17017681, WO17013493, WO17009879, WO16196304, WO16172416, WO16150279, WO16149751, WO16148770, WO16142308, WO16139598, WO16133276, WO16131936, WO16128778, WO16128776, WO16105999, WO16086171, WO16080890, WO16079139, WO16073802, WO16051268, WO16040938, WO16023027, WO16009277, WO15170011, WO15148015, WO14125476, USD726138, US9818272, US9817440, US9816799, US9811164, US9804792, US9798409, US9795782, US9789327, US9786201, US9781243, US9778749, US9773396, US9772688, US9763285, US9759570, US9757581, US9757579, US9757576, US9753568, US9721553, US9710060, US9696833, US9687404, US9679546, US9678576, US9652101, US9648419, US9636521, US9613516, US9600994, US9598799, US9582072, US9582035, US9566033, US9563984, US9546921, US9497597, US9467207, US9462978, US9456307, US9433254, US9416470, US9403027, US9364151, US9329993, US9320433, US9288263, US9286789, US9282893, US9278510, US9155903, US9098991, US9026927, US8948839, US8945328, US8892220, US2017212769, US2017185183, US2017181255, US2017164461, US2017156035, US2017106277, US2017064423, US2017059418, US2017055055, US2017016154, US2016369441, US2016335871, US2016327979, US2016310064, US2016303391, US2016301482, US2016282988, US2016275775, US2016271882, US2016259425, US2016174620, US2016155310, US2016147304, US2016144233, US2016136446, US2016100244, US2016072540, US2016070347, US2016063890, US2016027338, US2015379880, US2015370320, US2015364018, US2015360043, US2015351687, US2015332659, US2015331524, US2015331522, US2015331512, US2015289034, US2015287247, US2015279185, US2015279178, US2015272264, US2015268726, US2015254992, US2015250426, US2015234367, US2015200318, US2015193130, US2015145671, US2015143601, US2015092972, US2015087995, US2015071293, US2015069847, US2015038864, US2014368427, US2014357316, US2014278125, US2014207216, US2014176335, US2014174645, US2014111414, US2014085081, US2014051943, US2012078393, US2011282164, TWI572215, TWI556792, TWI546055, RU2598462, KR101675691, FR3038210, FR3033242, FR3033233, FR3024308, ES2607217, ES2604207, EP3195799, EP3057384, EP3033988, DE102014013862, CN106473251, CN106360819, CN105901808, CN105853136, CN105795534, CN105608837, CN105455794,

CN105395177, CN105256502, CN105249943, CN105232018, CN104887207, CN104811836, CN104732682, CN104720821, CN104720787, CN104027107,

Abstract:
Source: US2014070957A An wearable communications garment that includes one or more user−selectable inputs integrated into the garment. A sartorial communications apparatus may include a flexible material that is worn (e.g., as an undergarment) by the user and includes one or more interactive sensors that may be manually activated by a user, even through one or more intervening layers of clothing. The apparatus may also include one or more additional body sensors configured to sense a user's position, movement, and/or physiological status. The sensor(s) may be connected via a conductive trace on the garment to a sensor module for analysis and/or transmission. Methods of manufacturing the garments as well as methods of using the garments are also described.

0) US2011169447A – ELECTRIC VEHICLE SUPPLY EQUIPMENT

30) Family number: 49242411 (US2011169447A) © PatBase

Title: ELECTRIC VEHICLE SUPPLY EQUIPMENT

Priority: US20100685609 20100111 US20100822100 20100623 US20110333562 20111221 US20120456085 20120425 US20130025140 20130912

Family:

Publication number	Publication date	Application number	Application date
US2011169447 AA	20110714	US20100685609	20100111
US2011172839 AA	20110714	US20100822100	20100623
US2012091961 AA	20120419	US20110333562	20111221
US2012206100 AA	20120816	US20120456085	20120425
US2014015487 AA	20140116	US20130025140	20130912
US8558504 BB	20131015	US20100822100	20100623
US9073439 BB	20150707	US20130025140	20130912
US9073446 BB	20150707	US20110333562	20111221
WO11085318 A2	20110714	WO2011US20694	20110110
WO11085318 A3	20111124	WO2011US20694	20110110

Probable Assignee: LEVITON MFG CO

Assignee(s):(std): BROWN KENNETH ; BROWN KENNETH J ; HANI ERWIN F ; KARWA MANOJ ; LEVITON MANUFACTURING CO ; SWIFT AMY ; RAMIREZ CARLOS ; LEVITON MFG CO ; SOTO VICTOR ; RAMIREZ CARLOS E

Assignee(s): LEVITON MFG CO INC ; LEVITON MANUFACTURING CO INC

Inventor(s):(std): BROWN KENNETH J ; RAMIREZ CARLOS E ; SOTO VICTOR ; SWIFT AMY ; RAMIREZ CARLOS ; KARWA MANOJ ; HANI ERWIN F ; BROWN KENNETH

Agent(s): MARGER JOHNSON AND MCCOLLOM PC; MAKUCH JOSEPH S 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 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

International class (IPC 8–9): B60L11/18 B60L3/00 B60W10/26 B65H75/44 G01R31/02 G06F1/28 G08B21/00 H01R43/26 H02H9/08 H02J7/00 (Advanced/Invention)

CPC: H02H11/002 B60L11/1809 B60L11/1846 Y02T90/169 Y04S30/14 B60L2230/40 B60L3/0069 B60L11/1818 B60L11/1824 B60L2230/12 B60L2230/16 Y02T10/7005 Y02T10/7088 Y02T90/121 Y02T90/128 Y02T90/14 Y02T90/163 Y10T29/49117 B60L3/0092 B65H75/4473 B65H2701/34 Y02T90/16 B60L11/1838 B60L3/04 B60L2210/30 B60L2240/80 B60L2250/10 B60L11/1825 Y02T10/7241 Y02T90/127 Y02T90/168 Y04S30/12

European class: B60L11/18L4A B60L11/18L7 B60L11/18L7A B60L11/18L7J B60L11/18L7J8 B60L3/00F12 B60L3/00R H02H11/00C L60L230/12 L60L230/16 Y02T10/70B Y02T10/70J4 Y02T90/12B Y02T90/12L Y02T90/14 Y02T90/16 Y02T90/16D

US class: 1/1 29/825 29/825S 320/109 320/109P 324/537 324/537S 340/635 340/635S 361/42 361/42S 700/286 700/286S 700/292 700/292P

Classification Explorer

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Abstract:
Source: US2011169447A An electric vehicle charging system includes a portable housing having an integral holder to hold a connector for an electric vehicle supply circuit. An electric vehicle supply equipment enclosure includes an integral chamber to store all or part of a cord. A mounting bracket for an electric vehicle supply equipment enclosure covers an open portion of the enclosure. A method for facilitating use of an electric vehicle

includes providing a prewiring kit for the electric vehicle. An electric vehicle supply equipment enclosure includes an integral disconnect switch. An electric vehicle supply circuit includes a grounding monitor circuit having automatic test functionality. Another electric vehicle supply circuit includes a contact monitor circuit to monitor the state of one or more of the contacts.

0) US2013125772A – NON–ENERGETICS BASED DETONATOR

31) Family number: 50246004 (US2013125772A) © PatBase

Title: NON–ENERGETICS BASED DETONATOR

Priority: US20100356424P 20100618 US20120717970 20121218 WO2011US41003 20110617 US20140151926 20140110

Family:

Publication number	Publication date	Application number	Application date
AU2011268090 AA	20111222	AU20110268090	20110617
CA2802888 AA	20121214	CA20112802888	20110617
CL2012003555 A1	20130524	CL20120003555	20121217
EP2583052 A1	20130424	EP20110727624	20110617
EP2583052 B1	20161116	EP20110727624	20110617
PE11772013 A1	20131030	PE20120002436	20110617
US2013125772 AA	20130523	US20120717970	20121218
US2015260496 AA	20150917	US20140151926	20140110
US8661978 BB	20140304	US20120717970	20121218
US9347755 BB	20160524	US20140151926	20140110
WO11160099 A1	20111222	WO2011US41003	20110617

Probable Assignee: BATTELLE MEMORIAL INST

Assignee(s):(std)**:** BACKHUS ROGER F ; BATTELLE MEMORIAL INST ; BATTELLE MEMORIAL INSTITUTE ; BATTELLE MEMORIAL INSTIUTE ; ZIMMER ISAAC THOMAS ; KLEIN JEROME A ; GIVENS RICHARD W ; LOESER RONALD L ; PAUGH JASON E ; VANCLEAVE WALTER G III

Assignee(s): VANCLEAVE WALTER G

Inventor(s):(std)**:** BACKHUS ROGER F ; GIVENS RICHARD W ; KLEIN JEROME A ; LOESER RONALD L ; PAUGH JASON E ; VANCLEAVE III WALTER G ; VANCLEAVE WALTER G ; VANCLEAVE WALTER G III ; ZIMMER ISAAC THOMAS

Agent(s): PIPERS; GOWLING LAFLEUR HENDERSON LLP; ESTUDIO TRANSGLOBO LTDA Y HUGO RUBIO Y ALEX SEVERIN S; MOORE MICHAEL RICHARD; THOMAS E; THOMAS E LEES LLC; LEES THOMAS E

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

International class (IPC 8–9): F42B3/10 F42B3/12 F42B3/18 F42B3/182 F42C11/04 F42D1/045 F42D1/05 F42D1/055 F42D5/00 (Advanced/Invention)

CPC: F42D1/055 F42B3/10 F42D5/00 F42D1/05 F42B3/121 F42B3/122 F42B3/182

European class: F42B3/12B F42B3/12B2 F42B3/182

US class: 1/1 102/200 102/202.1 102/202.12 102/202.3 102/202.5 102/206 102/311

Classification Explorer

Cited documents: WO10048587 A1, US8931389 BB, US8746144 BB, US8485097 BA, US8408131 BA, US8230788 BB, US8091477 BB, US7921774 BA, US7866264 BB, US7748322 BA, US7690303 BB, US7581496 BB, US7571679 BB, US7363860 BB, US6977468 BA, US6923122 BB, US6851370 BB, US6781813 BA, US6752083 BA, US6659010 BB, US6655289 BA, US6385031 BA, US6234081 BA, US6213800 BA, US6158347 A, US6105688 A, US6056314 A, US5969286 A, US5944545 A, US5857857 A, US5756926 A, US5746618 A, US5733135 A, US5647757 A, US5600293 A, US5509817 A, US5314345 A, US5291828 A, US5162606 A, US5088413 A, US5060573 A, US4904196 A, US4869171 A, US4840122 A, US4815382 A, US4729315 A, US4369707 A, US4170939 A, US3678853 A, US3420174 A, US3244103 A, US2465467 A, US2014326154 AA, US2013042780 AA, US2012199030 AA, US2011024995 AA, US2010282105 AA, US2010055968 AA, US2009223400 AA, US2008081842 AA,

US2004112244 AA, US2004055494 AA, US2004043652 AA, US2003221578 AA, US2003221577 AA, US2002145275 AA, MX2011004241 A1, MX1004004241,

Forward Citations: WO15199620, US9664491, US9568288, US9080433, US9064650, US8976503, US2015285606, US2015219428, US2015107090, US2015040786, US2012199352, EP3121552,

Abstract:
Source: US2013125772A A detonator system is provided for use with explosives that utilizes two subsystems. A first subsystem functions as a non−explosives based detonator, which does not contain any explosives. The second subsystem is an initiating subsystem, which includes an initiating pellet. To set off an explosive event, the non−energetics based detonator is coupled to the initiating subsystem and the non−energetics based detonator is commanded to provide a suitable signal to the initiating subsystem that is sufficient to function the initiating pellet. Further, the initiating subsystem can be integrated directly into an associated explosive such as a booster that has been configured to receive the initiator subsystem without changing the hazard class of the booster.

0) US2015202456A – SYSTEM AND METHOD FOR OPTOGENETIC THERAPY

32) Family number: 56548752 (US2015202456A) © PatBase

Title: SYSTEM AND METHOD FOR OPTOGENETIC THERAPY

Priority:

CN201380071014	20131121	JP20150544050T	20131121	US20120729283P	20121121
US20140444722	20140728	US20140444767	20140728	JP20160225548	20161118
US20140444770	20140728	US20140445993	20140729	US20140444841	20140728
US20140445962	20140729	US20140444894	20140728	US20140445978	20140729
US20140444850	20140728	US20140444844	20140728	WO2013US00262	20131121
US20140449072	20140731	US20140449080	20140731	US20140449096	20140731
US20140449084	20140731	US20140449094	20140731	US20140449077	20140731
US20140449081	20140731	US20140449090	20140731	US20140449087	20140731
US20140449097	20140731	US20170473458	20170329	US20170495647	20170424
US20170478122	20170403	US20170472238	20170328		

Family:

Publication number	Publication date	Application number	Application date
AU2013348395 AA	20140530	AU20130348395	20131121
CA2894718 AA	20150520	CA20132894718	20131121
CN105142529 A	20151209	CN201380071014	20131121
CN107243114 A	20171013	CN201610974511	20131121
EP2922476 A1	20150930	EP20130856423	20131121
EP2922476 A4	20160713	EP20130856423	20131121
IL238945 A0	20150730	IL20130238945	20131121
JP2016509487 T2	20160331	JP20150544050T	20131121
JP2017060813 A2	20170330	JP20160225548	20161118
US2015202456 AA	20150723	US20140444770	20140728
US2015246242 AA	20150903	US20140445993	20140729
US2016038755 AA	20160211	US20140444841	20140728
US2016038756 AA	20160211	US20140449072	20140731
US2016038757 AA	20160211	US20140449080	20140731
US2016038758 AA	20160211	US20140449084	20140731
US2016038759 AA	20160211	US20140449096	20140731
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US2017225009 AA	20170810	US20170495647	20170424
US2017225013 AA	20170810	US20170478122	20170403
US2017239488 AA	20170824	US20170472238	20170328
US9649503 BB	20170516	US20140444894	20140728
US9662508 BB	20170530	US20140445962	20140729
US9814900 BB	20171114	US20140444841	20140728

WO14081449 A1	20140530	WO2013US00262	20131121

Probable Assignee: CIRCUIT THERAPEUTICS INC

Assignee(s):(std)**:** ANDERSEN DAN ; ARROW ALEXANDER ; CIRCUIT THERAPEUTIC INC ; CIRCUIT THERAPEUTICS INC ; MOORE DAVID ; MOLL FREDERIC ; DEISSEROTH KARL ; STAHLER GREG ; HUANG JOYCE ; LUNDMARK DAVID ; DELP SCOTT

Inventor(s):(std)**:** DAN ANDERSEN ; DAVID LUNDMARK ; DAVID MOORE ; DEISSEROTH KARL ; DELP SCOTT ; FREDERIC MOLL ; GREG STAHLER ; HUANG JOYCE ; JOYCE HUANG ; KARL DEISSEROTH ; LUNDMARK DAVID ; MOLL FREDERIC ; MOORE DAVID ; SCOTT DELP ; STAHLER GREG ; MOLL FRED ; MITRA ANANYA ; LUNDMARK DAVID C ; ANGELEY DAVID ; ALEXANDER ARROW ; ANDERSEN DAN ; ARROW ALEXANDER

Inventor(s): ARROW ALEXANDER K

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LECOMTE AND PARTNERS; DAVID C; LUNDMARK DAVID C

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

International class (IPC 8–9): A61B A61B17/00 A61B17/34 A61B18/02 A61B18/04 A61B19/00 A61B8/12 A61H37/00 A61K38/00 A61K38/16 A61K38/17 A61K41/00 A61K48/00 A61M25/01 A61M37/00 A61M5/142 A61M5/20 A61N1/00 A61N1/05 A61N1/30 A61N1/32 A61N1/36 A61N1/372 A61N5/06 A61N5/067 A61N5/073 A61N7/00 A61P9/12 C12N15/09 C12N5/10 (Advanced/Invention); A61K38/16 A61K38/17 A61K48/00 A61M37/00 A61N1/378 (Advanced/Non–invention); A61B (Subclass/Invention)

CPC: A61N2005/0612 A61N2005/0627 A61N5/062 A61K38/168 A61K38/16 A61N2005/0626 A61N2005/0643 A61N2005/0651 A61N2005/063 A61K41/00 A61N2005/0665 A61K41/0057 A61K48/00 A61N1/0551 A61M37/0015 A61M25/0105 A61K38/164 A61M2037/0061 A61M2037/0023 A61N1/3605 A61N2005/0631 A61K38/177 A61K48/0075 A61N2005/067 A61B17/3403 A61N1/36053 A61B17/00234 A61M5/142 A61M5/20 A61M25/0147 A61B2017/3413 A61M2205/3576 A61M2205/50 A61N2005/0653 A61N5/0601 A61N5/0622

US class: 604/20 604/506 604/95.01 604/95.03 607/3 607/88 607/92

Classification Explorer

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Forward Citations: WO17136346, WO17048808, WO16019058, WO15191926, US9814900, US9775627, US9757587, US9724151, US9693692, US9662508, US9649504, US9649503, US9645332, US9636380, US9615789, US9604073, US2016096035, US2016051837, US2016051836, US2016038755, US2016007874, US2015184126, US2015148407, US2014128943, JP2017509422, EP3216492, EP2991491,

Abstract:
Source: US2015202456A Configurations are described for utilizing light–activated proteins within cell membranes and subcellular regions to assist with medical treatment paradigms, such as hypertension treatment via anatomically specific and temporally precise modulation of renal plexus activity. The invention provides for proteins, nucleic acids, vectors and methods for genetically targeted expression of light–sensitive proteins to specific cells or defined cell populations. In particular the invention provides systems, devices, and methods for millisecond–timescale temporal control of certain cell activities using moderate light intensities, such as the generation or inhibition of electrical spikes in nerve cells and other excitable cells.

0) US2011034905A – METHOD OF AND APPARATUS FOR TREATING ABDOMINAL ...

33) Family number: 48264756 (US2011034905A) © PatBase

Title: METHOD OF AND APPARATUS FOR TREATING ABDOMINAL OBESITY AND METABOLIC SYNDROME IN HUMAN PATIENTS

Priority:

US20090462596	20090805	US20100813067	20100610	US20110314391	20111208
US20110094302	20110426	US20100955420	20101129	US20100850786	20100805
US20110315224	20111208	US20110314396	20111208	US20110315230	20111208
US20110315222	20111208	US20110315235	20111208	US20110315232	20111208
US20110314524	20111208	US20110315228	20111208	WO2010US44543	20100805
US20110315243	20111208	US20110315238	20111208	US20110328556	20111216
US20110315248	20111208	US20110315246	20111208	US20120408567	20120229

Family:

Publication number	Publication date	Application number	Application date
EP2461757 A1	20120613	EP20100807155	20100805
EP2461757 A4	20141224	EP20100807155	20100805
US2011034905 AA	20110210	US20090462596	20090805
US2011118542 AA	20110519	US20100850786	20100805
US2011213336 AA	20110901	US20100955420	20101129
US2011306950 AA	20111215	US20100813067	20100610
US2012068085 AA	20120322	US20110094302	20110426
US2012150068 AA	20120614	US20110315224	20111208
US2012150069 AA	20120614	US20110315243	20111208
US2012150071 AA	20120614	US20110315238	20111208
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US2012150104 AA	20120614	US20110315230	20111208
US2012150145 AA	20120614	US20110315235	20111208
US2012150151 AA	20120614	US20110315222	20111208
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US2012172834 AA	20120705	US20110315232	20111208
US2012173262 AA	20120705	US20110315248	20111208
US2012184919 AA	20120719	US20110315246	20111208
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US2012277624 AA	20121101	US20110315228	20111208
US2013006225 AA	20130103	US20120408567	20120229
US8348929 BB	20130108	US20090462596	20090805
US8465471 BB	20130618	US20100850786	20100805
US8574223 BB	20131105	US20110315228	20111208
US9744274 BB	20170829	US20110315232	20111208
US9757184 BB	20170912	US20110315224	20111208
US9814810 BB	20171114	US20110315243	20111208
WO11017517 A1	20110210	WO2010US44543	20100805
WO12074978 A2	20120607	WO2011US62346	20111129
WO12074978 A3	20120927	WO2011US62346	20111129

Probable Assignee: ROCIN LABORATORIES INC

Assignee(s):(std)**:** CUCIN ROBERT L ; ROCIN LAB INC ; ROCIN LABORATORIES INC

Inventor(s):(std)**:** CUCIN ROBERT L

Agent(s): CUPITT PHILIP LESLIE; THOMAS J PERKOWSKI ESQ P C; THOMAS J; THOMAS J PERKOWSKI ESQ PC; PERKOWSKI THOMAS J

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

International class (IPC 8–9): A61B1/018 A61B10/00 A61B10/02 A61B18/04 A61B18/14 A61B18/18 A61M1/00 A61M3/02 A61M31/00 A61M5/00 A61M5/31 A61M5/315 A61N5/06 G06Q50/22 (Advanced/Invention); A61B18/00 A61B18/04 A61B19/00 A61F5/00 A61M27/00 (Advanced/Non–invention)

CPC: A61B10/0275 A61B18/1482 A61B2018/00196 G06Q50/22 A61M1/0039 A61M1/008 A61M1/0084 A61B10/02 A61B10/0283 A61M1/0058 A61B18/1402 A61B18/1477 A61B18/148 A61B2018/00464 A61B2018/00595 A61B2018/1425 A61B2218/002 A61B2218/007

European class: A61B10/02 A61B10/02P6N A61B10/02P8 A61B18/14B A61M1/00K A61M1/00T G06Q50/22 K61B18/00F8A2 K61B18/00G3 K61B18/14C12 K61B18/14N K61B18/14P K61B218/00D2 K61B218/00D4 K61M1/00T2

US class: 250/492.1 250/492.100P 600/104 600/104P 600/109 600/425 600/562 600/562S 600/566 600/566P 600/567 600/567P 604/187 604/187S 604/218 604/218P 604/30 604/30 604/30P 604/319 604/319P 604/319S 604/35 604/35S 604/506 604/506P 604/522 604/522P 604/542 604/542P 606/32 606/33 606/33S 606/40 705/2 705/2P

Classification Explorer

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Abstract:
Source: US2011034905A A method of and apparatus for safely removing visceral fatty tissue from the patient's mesentery is disclosed. In the preferred embodiment, the method involves using a novel minimally invasive or laparoscopic surgical procedure involving the inflation of the abdominal region with gas that creates a space between the wall of the abdomen and the organs inside. Using short incisions in the skin, narrow tubes are inserted through the abdominal wall so that a laparoscopically−guided electro−cauterizing and irrigating liposuction instrument can be passed through the incision to perform the maneuvers necessary for the operation. Removal of visceral fat from the mesentery is observed directly on a video monitor, which receives its picture from a video camera attached to the laparoscope. Using this technique, it is now possible to safely remove visceral fat from the patient's mesentery to treat abdominal obesity and/or metabolic syndrome in human patients.

34) Family number: 50927810 (US2012089170A) © PatBase

Title: INTRAGASTRIC BALLOON GEOMETRIES

Priority:

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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 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 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

International class (IPC 8–9): A61B10/00 A61B17/08 A61B17/11 A61B17/12 A61F2/04 A61F5/00 A61M29/00 A61M29/02 A61M5/00 (Advanced/Invention)

CPC: A61F5/0086 A61F5/0076 A61B17/12036 A61B17/12099 A61B17/12172 A61F5/0089 Y10T24/44342 Y10T24/4453 Y10T24/44564 A61F5/0003 A61F5/0013 A61F5/0036 A61F5/0079 A61F5/003 A61F5/004 A61F5/0033 A61F5/0073

European class: A61F5/00B6D A61F5/00B6D2 A61F5/00B6F A61F5/00B6F2 A61F5/00B6N A61F5/00B6N2 A61F5/00B6S2 K61F5/00B6N2 K61F5/00B8

US class: 1/1 128/898 24/495 24/517 24/521 604/8 604/8S 604/9 604/9P 606/120 606/142 606/153 606/153P 606/157 606/157P 606/191 606/191S 606/192 606/192P 606/192S 606/198 606/198P 606/198S 623/23.64 623/23.65 623/23.68

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CN2007053556, CN2007027812, CN1367670 A, CN1250382 A,

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Abstract:
Source: US2012089170A The present application provides intragastric devices for the treatment of obesity. The intragastric devices advantageously act as a volume−occupying device, and is able to survive implantation in a

patient's stomach for a year or longer. In addition, the intragastric devices may provide additional benefits. For example, the intragastric device may be configured to stimulate an inner stomach wall and/or temporarily block the pylorus to slow gastric emptying and/or be rotationally variant, thereby encouraging different stimulation points on the inner wall of the stomach and limiting the stomach's ability to adapt over long term implantation.

35) Family number: 48848337 (US2011106019A) © PatBase

Title: DEVICES FOR CLEARING BLOCKAGES IN IN–SITU ARTIFICIAL LUMENS

Priority:

US20070989484P 20071121 US20080099737P 20080924 US20110563405P 20111123
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Family:

Publication number	Publication date	Application number	Application date
AU2010365031 AA	20120614	AU20100365031	20101222
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WO17019965 A1	20170202	WO2016US44731	20160729

Probable Assignee: ACTUATED MEDICAL INC

Assignee(s):(std): ACTUATED MEDICAL INC ; ACTUATED MEDICAL LNC ; BAGWELL ROGER B ; CRESPO JOSUE ; CRESPO JOSUE R ; DEMERS DEBORA L ; MALLEN DANA B ;

MEZA GABRIELA HERNANDEZ ; FRANKHOUSER PAUL L ; MULVIHILL MAUREEN L ; PARK BRIAN M ; KLAUS JEFFERY P ; KLAUS JEFFREY P ; PIEZO RESONANCE INNOVATIONS INC ; SCRUGGS CASEY A

Assignee(s): NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; HERNANDEZ MEZA GABRIELA ; NATIONAL SCIENCE FOUNDATION

Inventor(s):(std)**:** BAGWELL ROGER B ; CLEMENT RYAN S ; CRESPO JOSUE ; CRESPO JOSUE R ; DEMERS DEBORA L ; DILLON DOUGLAS R ; ERDLEY KATHERINE M ; FRANKHOUSER PAUL L ; HERNANDEZ MEZA GABRIELA ; HIGGINS TIMOTHY J ; KLAUS JEFFERY P ; KLAUS JEFFREY P ; MALLEN DANA B ; MEZA GABRIELA HERNANDEZ ; MULVIHILL MAUREEN ; MULVIHILL MAUREEN L ; MULVIHILL MAUREEN M ; PARK BRIAN M ; SCRUGGS CASEY A

Agent(s): FB RICE; FB RICE PTY LTD; BORDEN LADNER GERVAIS LLP; FINDLAY ALICE ROSEMARY; INO SARI; KURASAWA ICHIRO; MATSUSHITA MITSURU; DESHIMARU TAKESHI; KUMAKURA YOSHIO; METZ LEWIS BRODMAN MUST OKEEFE LLC; BARRY L; NEAL P; METZ LEWIS BRODMAN MUST OKEEFE; FRIEDMAN BARRY I 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 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

International class (IPC 8–9): A61B1/00 A61B1/018 A61B19/00 A61B90/70 A61J15/00 A61M1/00 A61M25/00 A61M25/01 A61M25/092 A61M29/00 A61M3/02 A61M39/00 A61M5/00 A61M5/46 A61N1/30 B08B1/00 B08B5/02 B08B9/00 B08B9/027 B08B9/04 B08B9/043 B08B9/055 E03F9/00 (Advanced/Invention);
A61B19/00 A61J15/00 A61M25/16 A61M27/00 A61M31/00 A61M37/00 A61M39/02 A61M5/00 B08B9/047 (Advanced/Non–invention)

CPC: A61M1/0078 A61M25/0113 A61J15/0026 A61B1/018 A61J15/00 B08B9/0436 Y10T137/6055 Y10T137/789 A61B2017/00477 A61B2017/00876 A61M25/00 A61M2025/0019 A61B90/70 A61B2090/701 A61M25/0082 A61M1/0084 A61M3/0279 A61B17/22 A61J15/0003 A61M39/00 A61M5/00 A61M25/01 A61B17/22012 A61B17/3207 A61B17/320758 A61B17/320783 A61B2017/00685 A61B2017/22014 A61B2017/22079 A61B2017/320733 A61B2217/005 A61B2217/007 A61B2017/320012 A61B2017/320028 A61B2017/320775 A61B2090/034

European class: A61B1/018 A61B19/34 A61M25/00 B08B9/043M K61B19/34B K61J15/00 K61M25/00K

US class: 1/1 134/166C 134/166R 134/22.11 134/8 137/315.24 137/854 15/104.03 15/104.05 15/93.1 600/29 600/30 600/31 604/249 604/264 604/267 604/267P 604/288.03 604/35 604/43 604/500 604/537 604/540 604/541 604/544 604/8 604/9 604/95.01 623/23.64 623/23.65 623/23.68 623/23.7

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Abstract:
Source: US2011106019A Devices and methods for the effective clearing of artificial tubes, especially in−situ clearing of artificial tubes in a living being are covered in this disclosure. The devices and methods provide an elongated clearing member having a first end that is coupled to a driving mechanism and having a second working end that is subjected to repetitive motion for clearing blockages within the artificial tube. The elongated clearing member includes either a fixed or an adjustable element that selectively defines the portion of the elongated clearing member that is insertable within the artificial tube. The proximal end of the clearing member is releasably secured to the driving mechanism and the driving mechanisms may comprise a wide variety of repetitive motion drivers such as voice coil motors, piezoelectric actuators, pneumatic actuators, DC motors, etc. These devices/methods may comprise a free−standing console for hands−free operation or may comprise hand−held versions. The distal working end of the clearing member may comprise tips of differing functions, including an irrigation/aspiration feature.

36) Family number: 58761866 (US2015082623A) © PatBase

Title: METHOD FOR CONSTRUCTING A STRESS–PLIANT PHYSIOLOGICAL ELECTRODE ASSEMBLY

Priority:

US20130080717	20131114	US20130080725	20131114	US20130082071	20131115
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Family:

Publication number	Publication date	Application number	Application date
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EP3048962 A1	20160803	EP20140781023	20140925
EP3048963 A2	20160803	EP20140781025	20140925
EP3048964 A1	20160803	EP20140790391	20140924
EP3193703 A1	20170726	EP20150770777	20150916
EP3193704 A1	20170726	EP20150770778	20150916
EP3193705 A1	20170726	EP20150770779	20150916
EP3240475 A1	20171108	EP20160705409	20160204
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Probable Assignee: BARDY DIAGNOSTICS INC

Assignee(s):(std)**:** BARDY DIAGNOSTICS INC ; BARDY GUST H ; BISHAY JON MIKALSON ; FELIX JASON

Assignee(s): DREISBACH EZRA M

Inventor(s):(std)**:** BARDY GUST H ; BISHAY JON MIKALSON ; BISHEY JON MIKALSON ; DREISBACH EZRA M ; FELIX JASON ; FLOYD JARED BRANDON ; GREEN JOSHUA DJON ; HANDFELT MARK ; WILLIAMSON COREY BAILEY ; BISHAY JON M

Agent(s): INTEGRAL IP; CURLEY DONNACHA JOHN; HANNA MOORE AND CURLEY; PATRICK J S; LEONID; KRISTA A; PATRICK JS; KISSELEV LEONID ET AL; WITTMAN KRISTA A ET AL; INOUYE PATRICK JS ET AL; INOUYE PATRICK J S 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 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

International class (IPC 8–9): A61B19/00 A61B5/00 A61B5/01 A61B5/0205 A61B5/024 A61B5/0245 A61B5/03 A61B5/04 A61B5/0402 A61B5/0404 A61B5/0408 A61B5/0428 A61B5/0432 A61B5/044 A61B5/0452 A61B5/0456 A61B5/046 A61B5/0464 A61B5/0472 A61B5/087 A61B5/11 A61B5/145 A61B5/1455 A61B7/00 G06F19/00 G06F21/60 G06F21/62 H01M4/74 H03M7/30 (Advanced/Invention);
A61B5/01 A61B5/0205 A61B5/021 A61B5/03 A61B5/04 A61B5/0408 A61B5/0428 A61B5/0432 A61B5/044 A61B5/0452 A61B5/08 A61B5/087 A61B5/091 A61B5/11 A61B5/145 A61B5/1455 G01N27/30 (Advanced/Non–invention)

CPC: A61B2562/125 A61B5/021 A61B5/7282 A61B5/6801 A61B5/748 A61B5/024 A61B5/04286 A61B2562/12 A61B2562/187 A61B2562/247 A61B5/03 A61B5/14551 H01M2/1044 G06F19/3418 A61B5/0428 A61B5/725 A61B5/721 H01M4/747 G06F19/3406 A61B5/0432 A61B5/4809 A61B5/01 A61B5/091 A61B2505/07 A61B2562/0219 A61B5/04028 A61B2560/0209 H03M7/3044 A61B5/0245 A61B5/0468 A61B5/7232 A61B2560/0214 A61B2562/168 A61B5/7203 A61B5/04525 A61B5/6804 A61B2562/222 A61B2560/0468 A61B5/14552 A61B5/6832 A61B5/4818 A61B5/087 H03M7/30 H03M7/4031 A61B2560/0271 A61B2560/045 G01N27/307 A61B5/7405 A61B5/14542 A61B5/7475 A61B5/6843 A61B2503/10 A61B2560/0285 A61B5/0816 A61B5/0022 A61B2562/08 A61B5/6833 A61B5/6823 A61B5/7225 G06F21/6218 A61B2560/0487 A61B5/0404 A61B2560/0443 A61B2560/0456 A61B7/003 A61B90/90 A61B5/04017 A61B5/742 A61B5/0408 A61B2562/227 A61B5/0006 A61B5/0452 A61B5/0402 A61B5/044 A61B5/046 A61B5/0464 A61B5/0472 G06F21/604 A61B2562/06 A61B2562/166 A61B5/04087 A61B5/02055 A61B5/04085 A61B5/04325 A61B5/7455 A61B2560/0412 A61B2562/164 A61B90/96 A61B5/0456 A61B5/1116 A61B5/1117 A61B5/1118 A61B5/14532 A61B2562/0209 Y10T29/49117 A61B5/02405

US class: 1/1 29/825 600/301 600/382 600/391 600/393 600/483 600/484 600/509 600/521 600/523

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Forward Citations: WO17120596, WO17106490, WO17053926, WO16201135, WO16201118, WO16164623, US9795300, US9788735, US9788722, US9782132, US9757049, US9730641, US9717432, US9680831, US9655538, US9642538, US9619660, US9597004, US9585584, US9579020, US9554715, US9504423, US9451975, US9364151, US9226679, US9173670, US2017209064, US2017196472, US2017135231, US2017095209, US2017095153, US2016345909, US2016330829, US2016034696, US2015286813, US2015279185, US2015279171, US2015238094, US2015148646, US2015148637, US2015087951, US2015087950, US2013338448, RU168748, CN105286786,

Abstract:
Source: US2015082623A A method for constructing a stress−pliant physiological electrode assembly is provided. An electrode backing is formed from a stretchable woven textile material compatible to contact the skin on at least one surface. A pair of flexile wires is provided to serve as electrode circuit trace and electrode signal pickup. At least one of the flexile wires is sewn into the textile material which provides a stress−pliant malleability. Each of the flexile wires has an electrically−contacting area functioning for electric signal pickup. The electrically−contacting area may be sewn into the woven textile or affixed to the woven textile via conductive adhesives. The stress−pliant physiological electrode assembly is applicable for a wide array of physiological monitors, including ECG monitors, and especially is suitable for long−term wear. The method disclosed is both environmentally friendly and low−cost.

0) US2011118766A – ATTACHMENT SYSTEM, DEVICE AND METHOD

37) Family number: 48910197 (US2011118766A) © PatBase

Title: ATTACHMENT SYSTEM, DEVICE AND METHOD

Priority: EP20100779657 20101115 US20090590863 20091115 US20090590864 20091115 US20100945890 20101114 US20100964442 20101209 US20100966689 20101213 US20110035837 20110225 WO2010US56751 20101115

Family:

Publication number	Publication date	Application number	Application date
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CA2780817 AA	20110519	CA20102780817	20101115
DE602010028831 D1	20151217	DE201060028831T	20101115
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WO11060386 A2	20110519	WO2010US56751	20101115
WO11060386 A3	20111215	WO2010US56751	20101115
WO11060386 A9	20110707	WO2010US56751	20101115

Probable Assignee: THORATEC CORP

Assignee(s):(std)**:** BADIA JAMES ; COSTA RUTH ELEANOR ; HANNULA DONALD LEE ; HOARAU CARINE ; MILLER ANDREW ROSS ; REICHENBACH STEVEN H ; NGUYEN JOHN DUC ; THORATEC CORP

Assignee(s): THORATEC CORP PLEASANTON

Inventor(s):(std)**:** BADIA JAMES LUIS ; REICHENBACH STEVEN H ; NGUYEN JOHN DUC ; MILLER ANDREW ROSS ; HOARAU CARINE ; HANNULA DONALD LEE ; COSTA RUTH ELEANOR ; BADIA JAMES

Inventor(s): BADIA JAMES REDWOOD CITY ; COSTA RUTH ELEANOR MOUNTAIN VIEW ; HANNULA DONALD LEE SAN LUIS OBISPO ; HOARAU CARINE LAFAYETTE ; MILLER ANDREW ROSS WOODLANDS ; NGUYEN JOHN DUC SAN RAMON ; REICHENBACH STEVEN H PLEASANTON

Agent(s): PAPPAS IP; PHILLIPS ORMONDE FITZPATRICK; HICKS AND ASSOCIATES; KILBURN AND STRODE LLP; ZBM PATENTS ZEA BARLOCCI AND MARKVARDSEN; SQUIRE PATTON BOGGS US LLP; MORALES NORMAN L 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

International class (IPC 8–9): A61B17/11 A61B17/32 A61F2/24 A61M1/10 A61M1/12 A61N1/362 (Advanced/Invention)

CPC: A61B17/11 A61B17/320016 A61B17/32053 A61B17/3423 A61B17/3496 A61B2017/00243 A61B2017/1107 A61B2017/1135 A61B2017/3443 A61B2017/347 A61F2/24 A61M1/101 A61M1/10 A61M1/1008 A61M1/1098 A61M1/122 A61M1/12

European class:

A61B17/11 A61B17/32E A61B17/34G4A A61F2/24 A61M1/10 K61B17/00E1C K61B17/11B K61B17/11P K61B17/3205G K61B17/34G4L K61B17/34K K61B17/34S2 K61M1/10B K61M1/10C K61M1/10W2 K61M1/12C

US class: 600/16 600/16P 606/153 606/153P 606/170 606/170P 623/2.1 623/2.100S 623/2.11 623/2.110P 623/3.1 623/3.100P 623/3.100S

Classification Explorer

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Abstract:
Source: US2011118766A A ventricular assist system and a method of implanting the system are disclosed. The system can have a pump, an inflow conduit, an outflow conduit, attachment ring, ring clamp, and a valvular structure. The attachment ring can be attached to the apex of the heart. The valvular structure can have a flexible, one−way valve in a rigid housing. The inflow conduit can be passed through the valvular structure and the attachment ring into a beating heart with minimal loss of blood. Devices such as slitting tool, coring knife, and/or C−clamp and use of the devices can form part of the system and method for implanting the ventricular assist device.

38) Family number: 52815463 (US2013016020A) © PatBase

Title: DEVICES, SYSTEMS, AND METHODS FOR TESTING CRASH AVOIDANCE TECHNOLOGIES

Priority:

EP20130165521	20130426	EP20130176308	20130426	EP20140181511	20140820
EP20140181507	20140820	EP20140181518	20140820	EP20150180530	20130426
US20120532396	20120625	US20120532430	20120625	US20120532383	20120625
US20120532417	20120625	US20120357526	20120124	US20110507539P	20110713
US20110578452P	20111221	US20120532366	20120625	US20120639745P	20120427
US20120621597P	20120409	US20130050039	20131009	US20130874274P	20130905
US20130874267P	20130905	US20130874264P	20130905	US20130050048	20131009
US20130062287	20131024	US20140207892	20140313	US20130847274P	20130905

Family:

Publication number	Publication date	Application number	Application date
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DE602013006116 D1	20160519	DE201360006116T	20130426
DE602013022132 D1	20170720	DE201360022132T	20130426
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ES2571593 T3	20160526	ES20140181507T	20140820
ES2573477 T3	20160608	ES20140181511T	20140820
ES2576004 T3	20160704	ES20130176308T	20130426
ES2590728 T3	20161123	ES20140181518T	20140820
ES2638924 T3	20171024	ES20150180530T	20130426
US2013016020 AA	20130117	US20120532383	20120625
US2013016027 AA	20130117	US20120532396	20120625
US2013017346 AA	20130117	US20120532366	20120625
US2013018526 AA	20130117	US20120357526	20120124
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US2013162479 AA	20130627	US20120532430	20120625
US2014039727 AA	20140206	US20130050039	20131009
US2014045631 AA	20140213	US20130050048	20131009
US2014058589 AA	20140227	US20130062287	20131024
US2014195075 AA	20140710	US20140207892	20140313
US8428863 BB	20130423	US20120532366	20120625
US8428864 BB	20130423	US20120532383	20120625
US8447509 BB	20130521	US20120357526	20120124

US8457877 BB	20130604	US20120532396	20120625	
US8583358 BB	20131112	US20120532417	20120625	
US8589062 BB	20131119	US20120532430	20120625	
US8706395 BB	20140422	US20130050039	20131009	
US8751143 BB	20140610	US20130050039	20131009	
US8755999 BB	20140617	US20130050048	20131009	
US8762044 BB	20140624	US20130062287	20131024	
US9182942 BB	20151110	US20140207892	20140313	

Probable Assignee: DYNAMIC RES INC

Assignee(s):(std)**:** BOZIN NENAD ; BROEN PETER ; DYNAMIC RES INC ; SILBERLING JORDAN ; KELLY JOSEPH ; ZELLNER JOHN

Assignee(s): NUFLARE TECHNOLOGY INC ; DYNAMIC RESEARCH INC TORRANCE ; DYNAMIC RESEARCH ; DYNAMIC RESEARCH INC

Inventor(s):(std)**:** BOZIN NENAD ; BROEN PETER ; KELLY JOSEPH ; SILBERLING JORDAN ; ZELLNER JOHN

Inventor(s): ZELLNER JOHN TORRANCE ; SILBERLING JORDAN TORRANCE ; KELLY JOSEPH TORRANCE ; BROEN PETER TORRANCE ; BOZIN NENAD TORRANCE

Agent(s): VIERING JENTSCHURA AND PARTNER MBB PATENT U RECHTSANWAELTE; VIERING JENTSCHURA AND PARTNER; VIERING JENTSCHURA AND PARTNER MBB PATENT U RECHTSANWAELTE; LLAGOSTERA MARIA DEL CARMEN; MANUEL F; MANUEL

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): B23P11/00 B32B3/06 B60T17/22 B60T7/12 B60T7/16 B60T7/18 B60T7/22 B60T8/17 B60T8/88 B60W30/08 B62B5/00 F16H7/10 F16H7/14 G01M17/007 G01S1/04 G05D1/00 G05D1/02 G06F17/00 G06F17/10 G06F7/00 G06G1/16 G06G7/78 G08G1/16 H01P11/00 H01Q1/12 H01Q1/32 (Advanced/Invention); B60T8/34 G09B19/14 (Advanced/Non–invention)

CPC: H01Q1/20 H01Q9/32 G01S19/34 G01S19/36 G01S19/41 G01S19/14 G01S1/042 B60T7/16 G05D1/0011 F16H7/14 B60T7/18 G08G1/166 G08G1/167 H01Q1/32 H01Q1/088 H01Q1/084 H01Q1/3233 Y10T29/49016 Y10T29/49826 G01M17/0074 B60W30/08 B60T7/22 B60T2201/022 B60T8/885 B60T2260/06 B60T2270/406 F16H2007/0874 G01M17/007 G01L5/28 B60T13/745 G06F7/00 B60T8/34 G09B19/14 B60T17/221 G01M17/0078

US class: 1/1 280/79.11 29/428 29/600 303/121 342/385 343/713 343/880 343/882 428/33 434/305 439/474 474/101 474/133 474/134 474/139 52/578 701/2 701/22 701/23 701/300 701/301 701/301 701/41 701/70 73/12.01

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Forward Citations: WO16061236, WO15159091, US9804060, US9707942, US9665995, US9598078, US9575161, US9483882, US9463797, US9442489, US9182942, US9164507, US9075416, US2016154407, US2016110931, US2015344030, US2015286219, US2015168266, US2015160653, US2014309816, US2014195075, GB2525506, EP2845777, EP2845776, EP2845775, DE102016200251, DE102015226478, CN103662721, CN103163510, CN103163510,

Abstract:
Source: US2013016020A A Guided Soft Target (GST) system and method provides a versatile test system and methodology for the evaluation of various crash avoidance technologies. This system and method can be used to replicate the pre−crash motions of the CP in a wide variety of crash scenarios while minimizing physical risk, all while consistently providing radar and other sensor signatures substantially identical to that of the item being simulated. The GST system in various example embodiments may comprise a soft target vehicle or pedestrian form removably attached to a programmable, autonomously guided, self−propelled Dynamic Motion Element (DME), which may be operated in connection with a wireless computer network operating on a plurality of complimentary communication networks. Specific DME geometries are provided to minimize ride disturbance and observability by radar and other sensors. Computer controlled DME braking systems are disclosed as well as break−away and retractable antenna systems.

39) Family number: 31312086 (US2004097881A) © PatBase

Title: KINK–RESISTANT ACCESS SHEATH AND METHOD OF MAKING SAME

Priority:

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EP20040750825	20040426	EP20030796398	20031112	EP20120164360	20031112
EP20120164364	20031112	EP20120164362	20031112	EP20110181317	20040426
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US20060747512P	20060517	US20040832867	20040426	US20040579500P	20040614
US20050152945	20050614	US20040624246P	20041101	US20020298116	20021115
US20050319870	20051228	US20040766138	20040128	US20060747644P	20060518
US20070750235	20070517	WO2007US69282	20070518	WO2005US01129	20050112
US20100877245	20100908	US20100950782	20101119	WO2004US13118	20040426
WO2005US21262	20050614	WO2003US36347	20031112	WO2005US39885	20051101
US20070750847	20070518	US20130965405	20130813	US20140223032	20140324
US20140164954	20140127				

Family:

Publication number	Publication date	Application number	Application date
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AU2005209187 AA	20050811	AU20050209187	20050112
AU2005209187 BB	20101223	AU20050209187	20050112
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WO04096015 A2	20041111	WO2004US13118	20040426	
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WO05072806 A3	20060202	WO2005US01129	20050112	
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WO07137184 A2	20071129	WO2007US69282	20070518	
WO07137184 A3	20080313	WO2007US69282	20070518	

Probable Assignee: APPLIED MEDICAL RESOURCES CORP

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Assignee(s): APPLIED MEDICAL RESOURCE CORP ; ALIAHMAD WASSIM R ; PINEDJIAN RAFFI S ; TRAN CANH T ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; CITIBANK NA ; CITIBANK NA ADMINISTRATIVE AGENT AS ; APPLIED MEDICAL RESOURCES CORP RANCHO SANTA MARGARITA

Inventor(s):(std)**:** ALDPARVAR PAYANN ; BRUSTAD JOHN R ; GADBERRY DONALD L ; HADLEY CARL B ; HART CHARLES C ; HILAL NABIL ; HILAL SAID S ; HILAL SERENE ; JOHNSON GARY M ; KAHLE HENRY ; PETRIME MATTHEW N ; PINGLETON EDWARD D ; SAKAKINE GHASSAN ; VU KENNETH K ; PRAVONG BOUN ; PINEDJIAN RAFFI S ; ADLPARVAR PAYAM ; YAWATA HARUYASU ; SERENE HILAL ; SAID S HILAL ; PAYAM ADLPARVAR ; NABIL HILAL ; MATTHEW N PETRIME ; KENNETH K VU ; JOHN R BRUSTAD ; GHASSAN SAKAKINE ; GARY M JOHNSON ; EDWARD D PINGLETON ; DONALD L GADBERRY ; CHARLES C HART ; CARL B HADLEY ; TRAN CANH T ; ALIAHMAD WASSIM R ; PRAVONGVIENGKHAM KENNII ; HILAL SERENA ; ALBRECHT JEREMY J ; WACHLI SERENE ; DEMARCHI THOMAS

Inventor(s): BRUSTAD JOHN ; ADLPARVAR PAYAM LAKE FOREST ; TRAN CANH T RANCHO SANTA MARGARITA ; PRAVONG BOUN RANCHO SANTA MARGARITA ; PINEDJIAN RAFFI S RANCHO SANTA MARGARITA ; HILAL NABIL RANCHO SANTA MARGARITA ; HART CHARLES C RANCHO SANTA MARGARITA ; BRUSTAD JOHN R RANCHO SANTA MARGARITA ; ALIAHMAD WASSIM R RANCHO SANTA MARGARITA ; ADLPARVAR PAYAM RANCHO SANTA MARGARITA ; HENRY KAHLE ; HART CHARLES ; GADBERRY DONALD ; ALBRECHT JEREMY ; TRAN CANH T GARDEN GROVE ; VU KENNETH ; THOMAS DEMARCHI ; PETRIME MATTHEW ; BOUN PRAVONG ; TRAN CANH ; PRAVONG BOUN CORONA ; PINEDJIAN RAFFI ; PINEDJIAN RAFFI S FOUNTAIN VALLEY ; PINGLETON EDWARD ; KAHLE HENRY RANCHO SANTA MARGARITA ; KAHLE HENRY TRABUCO CANYON ; KENNII PRAVONGVIENGKHAM ; JOHNSON GARY ; HILAL NABIL LAGUNA NIGUEL ; HILAL SAID ; HART CHARLES C SUMMERVILLE ; GADBERRY DONALD L RANCHO SANTA MARGARITA ; GADBERRY DONALD L SAN CLEMENTE ; HADLEY CARL ; BRUSTAD JOHN R DANA POINT ; ALIAHMAD WASSIM ; ALIAHMAD WASSIM R IRVINE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GRIFFITH HACK; BORDEN LADNER GERVAIS LLP; RACKETTE PATENTANWAELTE PARTG MBB; RACKETTE PARTNERSCHAFT PATENTANWAELTE; DREISS PATENTANWAELTE PARTG MBB; FITCHETT STUART PAUL; APPLIED MEDICAL RESOUCES CORP; APPLIED MEDICAL RESOURCES CORP; KENNETH K; PATRICK Y; MAJDALI DAVID G; BONNER CYNTHIA A; IKEHARA PATRICK Y; DAVID G; CYNTHIA A; RIMAS T

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 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 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 YU ZA ZM ZW

International class(IPC 8–9)**:** A61B1/00 A61B1/307 A61B17/00 A61B17/12 A61B17/34 A61B18/14 A61B19/00 A61B5/00 A61F2/84 A61J15/00 A61M1/00 A61M16/04 A61M25/00 A61M25/01 A61M25/06 A61M25/08 A61M25/092 A61M31/00 A61M37/00 A61M39/00 A61M5/14 A61M5/178 B29C47/02 B29C53/58 B29C65/02 B29D23/00 B29D23/18 B29D23/20 B32B37/00 B65H81/00 B65H81/06 C22C1/02 F16L11/00 (Advanced/Invention);
A61B1/01 A61B17/00 A61B17/28 A61B17/34 A61M25/00 A61M25/06 B29C53/58 B29C63/18 B29D23/18 B29K19/00 B29K83/00 B29L31/00 B32B1/08 F16L11/24 (Advanced/Non–invention);
A61B1/00 A61B17/00 A61B17/34 A61B5/00 A61F2/82 A61J15/00 A61M1/00 A61M16/04 A61M25/00 A61M25/01 A61M25/06 A61M25/08 A61M31/00 A61M5/14 A61M5/178 B65H81/00 F16L11/00 (Core/Invention);
A61B1/005 A61B17/00 A61B17/28 A61B17/34 A61M25/00 A61M25/06 (Core/Non–invention);
A61B (Subclass/Invention)

International class(IPC 1–7)**:** A61B1/00 A61B1/307 A61B17/34 A61B5/00 A61M1/00 A61M25/00 A61M25/01 A61M25/092 A61M31/00 A61M5/00 A61M5/178 B65H81/00

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B29L2031/7546 B32B1/08

European class: A61B17/34G A61B17/34G4 A61M25/00G A61M25/00G3 A61M25/00H A61M25/00S A61M25/00S2 A61M25/00S3 A61M25/01C10A A61M25/01C10C A61M25/01C10K A61M25/06H B29C47/00L11 B29C47/00L4 B29C47/02C B29C47/02D B29C53/60 B29D23/18 B32B1/08 F16L11/24 K61B1/005B6 K61B1/01 K61B17/00E3G K61B17/00G2 K61B17/00M K61B17/29H6R K61B17/34E K61B17/34G4 K61B17/34G4C K61M25/00S1 K61M25/00S2 K61M25/00S2A K61M25/00S2C K61M25/00S3 K61M25/06H L29C47/00J6 L29C53/58 L29C61/00C L29C63/18 L29K19/00 L29K83/00 L29L23/00 L29L31/7546

US class: 138/118 156/143 156/144 156/149 156/169 156/171 156/172 156/172S 156/173 156/175 156/175S 156/244.11 156/308.2 156/309.6 156/309.9 264/171.14 264/171.140S 264/248 264/271.1 427/2.1 427/2.100S 427/21 604/104 604/104S 604/164.07 604/164.070P 604/264 604/526 604/528 604/95.04 604/95.040P

Classification Explorer

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Abstract:
Source: US2004097881A A releasable mechanism such as a cap is adapted for use with an access sheath having an elongate tube and a handle structure disposed at a proximal end of the tube. The releasable mechanism is sized and configured to fit the handle structure, which is shaped like the bell of a horn, to further facilitate use with surgical instrumentation. The releasable mechanism may operate as a separate cap that snaps onto the handle structure to provide access pathways to the sheath. The releasable mechanism may also be disposed at a proximal end of a surgical instrument to be introduced into the access sheath such that it may be interlocked with the sheath. In a method of manufacturing a kink−resistant sheath, a wire is initially coated with a plastic material, the coated wire is then wrapped around a mandrel forming a plurality of windings, and the wound coated wire is heated until the plastic material melts and bonds the windings to form a wire−reinforced sheath. The plastic material is preferably polyurethane but may be a thermoplastic, a thermoset or any plastic material having hard and/or soft durometer. The wound coated wire may be heated by capturing the windings within a shrink tube or compressing the windings in a mold and heating the windings until the sheath is formed. In another aspect of the invention, a mandrel is used as part of an extrusion process. In another aspect of the invention, another coating or outside layer could be formed over the spring reinforcement by dipping in a solvent based solution. In yet another embodiment of the invention, a braid such as a polyester braid may be used instead of or in addition to the coil spring to form a kink−resistant sheath.

40) Family number: 30182342 (US2002022846A) © PatBase

Title: Method for fusing bone during endoscopy procedures

Priority:

CA20112736704 20110407 US20000226370P 20000818 US20010293809P 20010526
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Publication number	Publication date	Application number	Application date
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WO11047148 A3	20110929	WO2010US52662	20101014	

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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B17/32 A61B17/3211 A61B17/56 A61B17/88 A61B18/00 A61B18/12 A61B18/14 A61B18/16 A61B18/18 A61B5/053 A61F2/28 A61F2/46 A61F7/00 A61K31/195 A61K38/18 A61K38/30 A61K47/02 A61K47/04 A61K47/26 A61K47/28 A61K47/36

A61K47/42 A61K47/48 A61L24/00 A61L27/36 A61M31/00 A61M5/00 A61N1/06 A61N1/08 A61N1/18 A61N1/40 A61N2/10 A61P17/02 A61P25/00 (Advanced/Invention);
A61B17/00 A61B18/00 A61B18/14 A61B18/16 A61F2/00 A61F2/02 A61F2/30 (Advanced/Non–invention);
A61B18/14 A61N1/18 (Core/Invention);
A61B17/00 (Core/Non–invention)

International class (IPC 1–7): A61B17/08 A61B17/56 A61B17/58 A61B18/04 A61B18/14 A61B18/18 A61B19/00 A61D1/00 A61F13/00 A61F2/00 A61F2/30 A61F5/00 A61M A61N1/00 A61N1/18

CPC: A61N1/06 A61N1/306 A61N1/326 A61N1/327 A61N1/40 A61L27/3608 A61L27/365 A61L27/3683 A61L27/3691 A61B5/01 A61B18/12 A61B2017/00084 A61B17/00234 A61B17/88 A61B18/06 A61B18/1815 A61B2017/00035 A61B2018/00434 A61B2018/00452 A61B2018/00565 A61B2018/00577 A61B2018/00619 A61B2018/00791 A61F2/28 A61F2/4644 A61F2002/2821 A61F2002/30454 A61F2002/30622 A61F2002/30668 A61F2002/4635 A61F2002/4649 A61F2220/0058 A61F2250/0001 A61L24/0005 A61B18/042 A61B18/00 A61B17/3211 A61B18/14 A61B2017/0088 A61B2018/00083 A61B2018/1213 A61B2018/1472 A61B2018/1497 A61B2018/162 A61B2218/002 A61B18/1233 A61B18/148 A61B2018/00589 A61B2018/00601 A61B2018/00875 A61B2018/0091 A61B18/1206 A61B18/16

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US class: 128/898 424/422 424/93.7 424/93.700P 514/561 514/561S 514/769 514/769S 514/770 514/770S 514/772 514/772S 514/773 514/773S 514/777 514/777S 514/8.5 514/8.500S 514/8.9 514/8.900S 523/115 600/12 600/12P 604/151 604/151S 604/19 604/246 604/246S 604/48 604/82 604/82S 606/213 606/214 606/27 606/28 606/32 606/32P 606/32S 606/33 606/33P 606/34 606/34P 606/34S 606/37 606/37P 606/41 606/41P 606/41S 606/45 606/45P 606/45S 606/48 606/48S 606/49 606/49S 606/50 606/50S 606/60 606/76 606/8 606/86 606/86.00R 606/86.00RP 606/86R 607/100 607/104 607/105 607/116 607/116S 607/2 607/2S 607/3 607/3P 607/51 607/63 607/63P 607/96 607/98

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Abstract:
Source: US2002022846A A method of fusing or welding bone in vivo and in a fluid medium, comprising: harvesting a piece of autologous implant bone; treating the implant bone and/or a receiving bone to expose organic component; treating the implant bone and/or the receiving bone by de−fatting; combining the implant bone with other compounds to create an interfacing agent; adding the interfacing agent between receiving bone segments to be fused or welded; and fusing or welding in vivo, in a fluid medium, utilizing electromagnetic energy.

41) Family number: 30115635 (US2001001122A) © PatBase

Title: Devices and methods for performing a vascular anastomosis

Priority:

EP19960906389 19960213 US19950394333 19950224 US19960598513 19960208
US19960680889 19960716 US20010756447 20010108 US19990315365 19990518
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US20110073119 20110328

Family:

Publication number	Publication date	Application number	Application date
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Abstract:
Source: US2001001122A A system for performing an end−to−side vascular anastomosis, including an anastomosis device, an application instrument and methods for performing a vascular anastomosis. The system is applicable for performing an anastomosis between a vascular graft and the ascending aorta in coronary artery bypass surgery, particularly in port−access CABG surgery. A first aspect of the invention includes a vascular

anastomosis staple. A first configuration has two parts: an anchor member, forming the attachment with the target vessel wall and a coupling member, forming the attachment with the bypass graft vessel. The anastomosis is completed by inserting the coupling member, with the graft vessel attached, into the anchor member. A second configuration combines the functions of the anchor member and the coupling member into a one−piece anastomosis staple. A second aspect of the invention includes an anastomotic fitting having an inner flange over which the graft vessel is everted and an outer flange which contacts the exterior surface of the target vessel. A tailored amount of compression applied by the inner and outer flanges grips the target vessel wall and creates a leak−proof seal between the graft vessel and the target vessel. A third aspect of the invention has a flange to which the graft vessel attaches, by everting the graft vessel over the flange, and a plurality of staple−like members which attach the flange and the everted end of the graft vessel to the wall of the target vessel to form the anastomosis.

42) Family number: 28318463 (US2002165589A) © PatBase

Title: GASTRIC TREATMENT AND DIAGNOSIS DEVICE AND METHOD

Priority:

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SUSAN SCHMITT, PETERS VERNY JONES AND SCHMITT LLP; SUSAN M SCHMITT PETERS VERNY JONES AND SCHMITT LLP; PETERS VERNY JONES AND SCHMITT LLP; TOWNSEND AND TOWNSEND AND CREW LLP; INTRAPACE INC AND TOWNSEND AND TOWNSEND AND CREW LLP; INTRAPACE AND TOWNSEND AND TOWNSEND AND CREW LLP; PETERS VERNY JONES SCHMITT AND ASTON LLP; SUSAN M; BARRISH MARK D; MARK D; KILPATRICK TOWNSEND AND STOCKTON LLP; BARRISH MARK D 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/018 A61B17/00 A61B17/03 A61B17/04 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/34 A61B17/64 A61B17/94 A61B5/00 A61B5/05 A61B5/103 A61D1/00 A61F5/00 A61K9/22 A61M5/32 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/08 A61N1/18 A61N1/32 A61N1/36 A61N1/372 A61N1/375 G01N27/12 (Advanced/Invention); A61B17/00 A61B17/30 A61B17/34 A61F5/00 A61M25/02 A61N1/372 (Advanced/Non–invention); A61B1/012 A61B17/00 A61B17/03 A61B17/04 A61B17/12 A61B17/60 A61B5/00 A61B5/103 A61D1/00 A61F5/00 A61K9/22 A61M5/32 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/08 A61N1/18 A61N1/32 A61N1/36 A61N1/372 G01N27/12 (Core/Invention); A61B17/00 A61B17/30 A61B17/34 A61M25/02 A61N1/372 (Core/Non–invention)

International class (IPC 1–7): A61B17/10 A61M A61N1/05 A61N1/05 A61N1/08 A61N1/18 A61N1/36 A61N1/372 C25D11/00

CPC: A61F5/0026 A61N1/0558 A61B17/00234 A61B17/0401 A61B17/12013 A61B2017/00827 A61B2017/0404 A61B2017/0414 A61B2017/0496 A61B2017/06176 A61F5/0086 A61B2560/063 A61N1/05 A61F2005/0016 A61N1/36085 A61F5/0003 A61B5/4238 A61B5/6882 A61B17/3421 A61B17/3478 A61B2017/00477 A61B2017/306 A61B2017/3488 A61M25/02 A61M2025/0233 A61M2025/028 A61N1/0509 A61N1/0517 A61N1/372 G01N27/126 A61B2017/00269 A61B2017/00004 A61B2017/00017 A61B2017/00026 A61B2017/00084 A61N1/36007 A61N1/37211 A61N1/3756 A61B17/3468 A61N1/37205

European class: A61B17/00E A61B17/04A A61B17/12L2 A61B5/42K6 A61B5/68D3D A61F5/00B A61F5/00B6B A61F5/00B6S2 A61N1/05 A61N1/05D1 A61N1/05E A61N1/05L8 A61N1/36B A61N1/36Z3E1 G01N27/12E2 K61B17/00A K61B17/00C K61B17/00C1C K61B17/00C1T K61B17/00K K61B17/00R14R K61B17/04A K61B17/04A2 K61B17/04A8 K61B17/04T K61B17/06S4 K61B17/30S K61B17/34G4 K61B17/34Q K61B17/34R2B4 K61M25/02 K61M25/02B3 K61M25/02G K61N1/05D1 K61N1/05E K61N1/36B K61N1/372

US class: 205/317 427/447S 427/488S 427/497S 427/498S 427/509S 427/77S 600/104 600/106 600/106P 600/300 600/585 600/593 601/15 601/21 604/175 604/175S 604/516 604/891.1 606/1 606/129 606/142 606/142P 606/192 606/195 606/1S 607/116 607/126 607/133 607/133P 607/133S 607/149 607/40 607/40P 607/41 607/41P 607/73

Classification Explorer

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Abstract:
Source: US2002165589A A device, system and method for diagnosing and treating gastric disorders is provided. A functional device resides within the patient's stomach and is secured to the stomach wall by an attachment device. The functional device may be a sensor for sensing various parameters of the stomach or stomach environment, or may be a therapeutic delivery device. The functional device in one embodiment provides a device, system and method for gastric electrical stimulation where stimulating electrodes are secured to the wall of the stomach by the attachment device or otherwise. A preferred device includes: at least one stimulating electrode in electrical contact with the stomach wall; an electronics unit containing the electronic circuitry of the device; and an attachment mechanism for attaching the device to the stomach wall. The functional devices may be programmed to respond to sensed information or signals. An endoscopic delivery system delivers the functional device through the esophagus and into the stomach where it is attached the stomach wall. The endoscopic instruments attach or remove the attachment devices and functional devices from the stomach and may be used to assist in determining the optimal attachment location.

0) US2006020241A – LAPAROSCOPIC INSTRUMENT AND CANNULA ASSEMBLY AN...

43) Family number: 32578243 (US2006020241A) © PatBase

Title: LAPAROSCOPIC INSTRUMENT AND CANNULA ASSEMBLY AND RELATED SURGICAL METHOD

Priority:

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Probable Assignee: COVIDIEN LP

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

International class (IPC 8–9): A61B1/00 A61B1/04 A61B1/05 A61B1/31 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/29 A61B17/32 A61B17/34 A61B17/94 A61F11/00 A61M1/00 A61M13/00 A61M25/00 A61M25/16 A61M31/00 A61M5/178 A61M5/32 (Advanced/Invention); A61B1/313 A61B17/29 (Advanced/Non–invention); A61B1/00 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/34 A61B17/94 A61F11/00 A61M1/00 A61M13/00 A61M25/00 A61M25/16 A61M31/00 A61M5/178 (Core/Invention)

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US class: 1/1 600/101 600/101S 600/109 600/109S 600/112 600/114 600/115 600/201 600/201S 600/204 600/205 600/206 600/206S 600/207 600/207P 600/208 600/208P 600/208S 600/214 600/225 600/227 600/227P 600/231 600/231P 600/233 604/164.01 604/164.03 604/164.11 604/174 604/174P 604/513 604/539 604/93.01 604/93.010P 606/108 606/185 606/185S 606/205 606/206 606/206P 606/207 606/207S 606/209 606/209S

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Abstract:
Source: US2006020241A A laparoscopic port assembly includes a cannula unit including three cannulas each extending at an acute angle relative to a base. The cannulas are flexible for receiving respective angulated laparoscopic instruments. The cannula unit is rotatingly received in a port holder for rotation about a longitudinal axis of the holder, the holder being disposable in an opening in a patient's skin.

0) US2005151067A – TAMPER PROOF CONTAINER

44) Family number: 32082565 (US2005151067A) © PatBase

Title: TAMPER PROOF CONTAINER

Priority: US20040027059 20041230 US20040535449P 20040109 US20040837883 20040503 US20060349049 20060207 US20060444160 20060531 US20050706501P 20050808 US20050687409P 20050603 US20060144160 20060531 US20040981836 20041105 US20060496029 20060728 US20060797295P 20060503 US20070796130 20070426 WO2004US43836 20041230

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: 3D FUSE TECHNOLOGY INC

Assignee(s):(std)**:** BEINHOCKER GILBERT D ; GILBERT D BEINHOCKER ; TAMPER PROOF CONTAINER LICENSI ; TAMPERPROOF CONTAINER LICENSIN

Assignee(s): 3D FUSE SARL ; 3D FUSE TECHNOLOGY INC ; TAMPER PROOF CONTAINER LICENSING CORP ; TAMPERPROOF CONTAINER LICENSING CORP

Inventor(s):(std)**:** BEINHOCKER GILBERT D

Inventor(s): BEINHOCKER GILBERT

Agent(s): WEINGARTEN SCHURGIN GAGNEBIN AND LEBOVICI LLP; SCHURGIN STANLEY M ET AL

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

International class (IPC 8–9): G01J1/04 G01J1/42 G01J4/00 G01J5/08 G01N21/00 G01N5/00 G01T1/00 G01T1/06 G01T5/00 G02B6/00 G08B13/00 G08B13/12 G08B13/14 G08B13/18 (Advanced/Invention); G01J1/04 G01J5/08 G01T1/00 G08B13/00 G08B13/18 (Core/Invention)

International class (IPC 1–7):	G01J1/04 G01J1/42 G01J4/00 G01J5/08 G01N21/00 G01N5/00 G01T1/06 G01T5/00 G02B6/00 G08B13/00 G08B13/12 G08B13/18
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Forward Citations:	WO17093525, WO16030667, WO15176917, WO14195756, WO14149410, WO13117954, WO10135146, WO10080770, WO08127495, WO08002821, WO06020927, WO06019929, USD594232, US9704357, US9653904, US9632275, US9618421, US9612219, US9515475, US9438028, US9405038, US9390601, US9389070, US9373234, US9329098, US9299451, US9251678, US9159209, US9152826, US9109944, US9046669, US9046391, US8971673, US8917177, US8909039, US8884757, US8845969, US8829889, US8815163, US8803069, US8749388, US8735798, US8715576, US8710987, US8698627, US8675329, US8664961, US8653971, US8593769, US8537009, US8531292, US8501103, US8461989, US8451572, US8405506, US8391653, US8361914, US8356493, US8344885, US8336389, US8334749, US8334229, US8333089, US8319173, US8299926, US8229259, US8207861, US8138913, US8031989, US7924166, US7911324, US7910588, US7864066, US7856157, US7843338, US7787726, US7714719, US7706641, US7671324, US7646299, US7630591, US7619226, US7608812, US7518507, US7482924, US7436316, US7436313, US7394060, US7388486, US7388166, US7332728, US7296704, US2017096094, US2017011667, US2017010232, US2016363687, US2016078730, US2015254949, US2015226637, US2014153889, US2013335102, US2013187706, US2013187630, US2013170107, US2013038451, US2012255362, US2012187003, US2012135527, US2012133507, US2012068846, US2012025983, US2011260737, US2011210856, US2011210030, US2011156910, US2011095887, US2011026872, US2010307257, US2010289651, US2010289645, US2010159228, US2010141443, US2010097215, US2010073831, US2010073830, US2010073013, US2010072355, US2010072352, US2010067844, US2010018964, US2009312953, US2009174989, US2009140857, US2009115607, US2009067777, US2009002187, US2008253712, US2008237485, US2008227349, US2008192240, US2008142692, US2008106366, US2008073491, US2008042833, US2008011745, US2007296578, US2007194915, US2007152840, US2007152839, US2007152816, US2007146132, US2007109123, US2007086694, US2007037462, US2006285440, US2006261259, US2006249664, US2006175187, US2006097876, US2006077065, US2006043090, ITTO20130182, ITPI20110066, GB2544244, EP2489561, EP2442283, EP2180453, EP1873557, DE102015120783, DE102015120783, DE102014209630, DE102014004377, DE102014004377, DE102013207881, DE102011119189, CN104272079, CN103729959, CN103729959, CN103489236, CN103489236, BE1019831,

Abstract:
Source: US2005151067A A liner sheet lines at least a portion of an interior surface of a shipping container or box and defines an optical path extending across at least a portion of the sheet, such that a breach of the interior surface also alters an optical characteristic of the optical path. For example, an optical fiber can be woven into, or sandwiched between layers of, the liner sheet. The optical path is monitored for a change in an optical characteristic. If the container or box interior surface is breached, one or more portions of the optical fiber are severed or otherwise damaged, and the optical path is altered. The detected change in the optical path can be used to trigger an alarm, such as an annunciator, or to send a message that includes information concerning the container's contents or time or location of the container when the breach occurred to a central location, such as a ship's control room or a port notification system.

45) Family number: 56776484 (US2014173842A) © PatBase

Title: CONDUCTOR CLEANING BRUSH ASSEMBLY FOR OVERHEAD ELECTRIC POWER LINES

Priority:

US20120740517P 20121221
US20130085944 20131121
US20130092022 20131127
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US20140566803 20141211

Family:

Publication number	Publication date	Application number	Application date
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CA2834064 AA	20140621	CA20132834064	20131118
CA2834064 C	20170822	CA20132834064	20131118
CA2834541 AA	20140621	CA20132834541	20131128
CA2834544 AA	20140621	CA20132834544	20131128
CA2834544 C	20171010	CA20132834544	20131128
CA2834611 AA	20140621	CA20132834611	20131128
CA2835724 AA	20140621	CA20132835724	20131204
CA2836209 AA	20140621	CA20132836209	20131211
CA2836224 AA	20140621	CA20132836224	20131211
CA2836259 AA	20140621	CA20132836259	20131211
CA2836259 C	20170704	CA20132836259	20131211
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US9241559 BB	20160126	US20130096471	20131204	
US9271563 BB	20160301	US20140566803	20141211	
US9380857 BB	20160705	US20130092022	20131127	

Probable Assignee: DAVIS MURRAY W

Assignee(s):(std)**:** DAVIS MURRAY W

Assignee(s): DAVIS MURRAY W471 RENAUD ROADGROSSE POINTE WOODSMI48236US

Inventor(s):(std)**:** DAVIS MURRAY W

Inventor(s): DAVIS MURRAY W471 RENAUD ROADGROSSE POINTE WOODSMI48236US

Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; CARLSON GASKEY AND OLDS PC

International class (IPC 8–9)**:** A46B15/00 A46B9/00 A46B9/02 B08B1/00 G01B11/06 G01B11/22 G01D11/00 G01D11/30 G01J1/02 G01J1/42 G01K1/02 G01K1/08 G01K1/14 G01K13/00 G01N21/552 G01N27/22 G01R1/02 G01R1/04 G01R1/20 G01R1/22 G01R15/18 G01R19/00 G01R19/32 G01R21/02 G01R21/14 G01R31/00 G01R31/02 G01R31/08 G01R31/40 G01R5/26 G01S7/481 G01W1/00 G01W1/14 G08B21/00 G08B3/00 G08C15/06 G08C19/04 G08C19/16 H01F27/02 H01F27/22 H01F38/30 H01R4/28 H02G1/02 H02G13/00 H02G15/08 H02G3/02 H02G7/00 H02G7/05 H02G7/16 H02H3/18 H02J13/00 H02J17/00 H02J3/00 H02S20/30 H04N5/225 H04N7/18 H04N9/47 H05K9/00 (Advanced/Invention); G01R15/18 G01R25/00 G01R31/00 H01L31/0232 H02G7/00 (Advanced/Non–invention)

CPC: H02G1/02 A64B9/028 A46B2200/3073 Y10T29/49117 A46B9/028 G01B11/0616 G01D11/30 G01K13/00 G01N27/223 G01R1/20 G01R1/22 G01R15/186 G01R19/0084 G01R19/0092 G01R31/08 G01R31/086 G01R31/40 G01W1/14 H01F27/02 H01F27/22 H01F38/30 H01R4/28 H04N5/2252 H04N7/181

US class: 1/1 15/104.04 15/160 15/256.6 248/205.1 29/825 324/115 324/126 324/543 324/664 324/709 324/713 324/764.01 324/96 336/173 336/55 336/90 340/539.1 340/654 340/691.5 340/870.01 340/870.04 340/870.39 348/128 348/135 348/143 348/82 356/623 374/152 439/877 73/170.16 73/170.17 81/53.1

Classification Explorer

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Abstract:
Source: US2014173842A An electric power line conductor cleaning brush assembly includes a tubular housing having a longitudinal opening. A multitude of open disc brushes having bristles are located within an interior of the tubular housing and normal to the tubular housing.

0) US2003035917A – IMAGE MAKING MEDIUM

46) Family number: 15254881 (US2003035917A) © PatBase

Title: IMAGE MAKING MEDIUM

Priority: EP20000944650 20000612 US19990138694P 19990611 US20010012259 20011211 US20020170503 20020614 US20020012259 20020614 US20040567022P 20040430 WO2000US16111 20000612 US20090631627 20091204 US20140203327 20140310 US20140584921 20141229 US20050118975 20050428 US20170630499 20170622 US20170647051 20170711

Family:

Publication number	Publication date	Application number	Application date
AU200058715 A1	20010102	AU20000058715	20000612
AU200058715 A5	20010102	AU20000058715D	20000612
CA2394645 AA	20020618	CA20002394645	20000612
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EP1208150 A4	20050126	EP20000944650	20000612
EP1777255 A2	20070425	EP20070100176	20000612
EP1777255 A3	20070711	EP20070100176	20000612
US2003035917 AA	20030220	US20020170503	20020614
US2014186646 AA	20140703	US20140203327	20140310
US2015125829 AA	20150507	US20140584921	20141229
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US9744800 BB	20170829	US20140203327	20140310
US9786194 BB	20171010	US20140584921	20141229
WO0077085 A1	20001221	WO2000US16111	20000612

Probable Assignee: HYMAN SYDNEY

Assignee(s):(std)**:** HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):(std)**:** HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Agent(s): OSLER HOSKIN AND HARCOURT LLP; WINSTON AND STRAWN LLP

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

International class (IPC 8–9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non–invention)

International class (IPC 1–7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2 L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106

524/106S 524/609 524/612 528/502R

Classification Explorer

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Forward Citations: WO17039678, WO16168383, WO14099996, WO14021892, WO14021892, WO13109630, WO13009691, WO13003246, WO13003246, WO12145283, WO11116223, WO11014281, WO11002659, WO11002659, WO10080699, WO08154150, WO08140589, WO08130425, WO08085210, WO08046073, WO08045109, WO08044834, WO08036441, WO08022052, WO08022052, WO08016964, WO08016964, WO08016382, WO07148922, WO07137099, WO07137099, WO07044862, WO07044007, WO06108060, USD750887, USD716057, USD546931, USD542400, USD541922, US9806275, US9796153, US9786194, US9786088, US9753295, US9735298, US9733393, US9727989, US9719263, US9718980, US9715678, US9706802, US9690450, US9690448, US9683305, US9676963, US9675995, US9665850, US9658743, US9645698, US9630206, US9630068, US9619116, US9598606, US9588781, US9574092, US9563115, US9550209, US9549149, US9542667, US9514399, US9513781, US9484123, US9453942, US9453142, US9449250, US9448465, US9416229, US9408431, US9406726, US9385321, US9383586, US9375975, US9342918, US9338114, US9319103, US9317079, US9296912, US9278510, US9261361, US9252013, US9238712, US9223477, US9218300, US9182590, US9171443, US9160197, US9157249, US9121133, US9120149, US9109356, US9098837, US9098473, US9088691, US9058141, US9054329, US9047492, US9046983, US9015624, US9015621, US9006753, US8974230, US8972230, US8970592, US8932678, US8928668, US8928667, US8922548, US8921473, US8915595, US8906804, US8876272, US8846778, US8845230, US8839139, US8830040, US8816211, US8814863, US8814862, US8799808, US8799353, US8791633, US8789490, US8783928, US8765045, US8762880, US8760726, US8743135, US8743077, US8725476, US8715889, US8711452, US8691915, US8689137, US8685260, US8682169, US8681495, US8673681, US8647883, US8638333, US8638199, US8627222, US8619427, US8616885, US8605090, US8603730, US8603616, US8597455, US8562182, US8544376, US8535274, US8513321, US8507029, US8506748, US8484578, US8477148, US8470617, US8439461, US8428495, US8424200, US8416339, US8410913, US8402096, US8384288, US8377111, US8363411, US8361266, US8343412, US8337653, US8334012, US8330839, US8302014, US8290301, US8274715, US8274533, US8267692, US8257786, US8255828, US8241574, US8239882, US8215726, US8211603, US8205352, US8201103, US8176829, US8176828, US8157872, US8150930, US8148166, US8146016, US8133639, US8117542, US8101711, US8076153, US8075300, US8057552, US8014889, US7998412, US7989346, US7985490, US7980000, US7932482, US7914707, US7897322, US7895531, US7890384, US7886290, US7853877, US7828922, US7807473, US7786670, US7781514, US7748137, US7747966, US7739259, US7723416, US7716593, US7707255, US7704643, US7703036, US7687744, US7683116, US7666330, US7660750, US7648603, US7643734, US7635548, US7632916, US7628543, US7589340, US7588872, US7555707, US7539606, US7514263, US7509000, US7461587, US7393474, US7392249, US7387397, US7318374, US7305434, US7282430, US7281811, US7232651, US7175329, US7157283, US7074847, US2017217247, US2016200920, US2016141540, US2016068702, US2016067366, US2016056216, US2016050390, US2016017480, US2015315012, US2015301348, US2015197590, US2015169118, US2015138499, US2015016648, US2014355112, US2014338597, US2014328373, US2014315183, US2014274641, US2014245520, US2014226200, US2014217122, US2014196843, US2014174645, US2014109495, US2014096016, US2014073235, US2013337175, US2013335505, US2013329281, US2013162192, US2013153428, US2013070307, US2012326204, US2012236393, US2012213966, US2012205140, US2012154753, US2012121835, US2012104375, US2012083568, US2011311906, US2011302807, US2011292420, US2011217213, US2011216020, US2011180202, US2011126578, US2011123911, US2011117335, US2011108086, US2011091985, US2011048277, US2011045193, US2011021023, US2010323131, US2010311302, US2010277065, US2010265307, US2010250649, US2010242515, US2010223575, US2010211889, US2010202683, US2010201711, US2010181585, US2010180226, US2010156765, US2010153234, US2010144449, US2010112458, US2010110093, US2010110068, US2010103437, US2010099905, US2010097388, US2010097383,

US2010097382, US2010065463, US2010062962, US2010051901, US2010048819, US2010000770, US2009321972, US2009319911, US2009319619, US2009294080, US2009283778, US2009283742, US2009280245, US2009278141, US2009275167, US2009249339, US2009222763, US2009217813, US2009217192, US2009215209, US2009215208, US2009208753, US2009202796, US2009126396, US2009124736, US2009124090, US2009119175, US2009117351, US2009100566, US2009096362, US2009084413, US2009083656, US2009078314, US2009021697, US2009016682, US2009013596, US2009007003, US2008305310, US2008303885, US2008196630, US2008178489, US2008178110, US2008169585, US2008151193, US2008131655, US2008111969, US2008095500, US2008092308, US2008081162, US2008044627, US2008038652, US2008038651, US2008038650, US2008029213, US2008028658, US2008026140, US2008018638, US2008018637, US2008018628, US2007270969, US2007268285, US2007268281, US2007265385, US2007257235, US2007218775, US2007207196, US2007146431, US2007092973, US2007084506, US2007082817, US2007071963, US2007069634, US2007062376, US2007061738, US2007061308, US2007055943, US2007055936, US2007047217, US2007041190, US2007024879, US2007020556, US2007010609, US2007006206, US2006263696, US2006238117, US2006222347, US2006219962, US2006214577, US2006194120, US2006182975, US2006180810, US2006173095, US2006159841, US2006134316, US2006114268, US2006102891, US2006094975, US2006069604, US2006065889, US2006055691, US2006036965, US2006036964, US2006036950, US2006036945, US2006011617, US2005214481, US2005197021, US2005195598, US2005154142, US2005154071, US2005148676, US2005118430, US2005105108, US2005097465, US2005064942, US2005064941, US2005009231, US2005005249, US2005004989, US2004259070, US2004219457, US2004196298, US2004182247, US2004148436, US2004029043, US2004024130, US2004023398, US2003153240, US2003090484, US2003035756, TWI416751, TWI402310, TWI395674, RU2568877, RU2563457, KR20150012315, KR101689566, EP2193904, EP1688456, CN103548096, CN103124881, CN103124881, CN102473648, CN102371833,

Abstract:
Source: US2003035917A The invention relates to an image support medium for creation of an aesthetic image that is an work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2– or 3–dimensional shape.

47) Family number: 43924649 (US2009270888A) © PatBase

Title: CATHETER SYSTEM AND METHOD FOR BORING THROUGH BLOCKED VASCULAR PASSAGES

Priority: US20080108433 20080423 US20110277167 20111019 WO2009US41579 20090423 US20130752325 20130128

Family:

Publication number	Publication date	Application number	Application date
AU2009240503 AA	20091029	AU20090240503	20090423
AU2009240503 BB	20140828	AU20090240503	20090423
CA2722401 AA	20091029	CA20092722401	20090423
CA2722401 C	20161004	CA20092722401	20090423
CN102014773 A	20110413	CN200980114243	20090423
CN102014773 B	20140507	CN200980114243	20090423
EP2278926 A1	20110202	EP20090735792	20090423
EP2278926 A4	20130925	EP20090735792	20090423
EP2278926 B1	20170412	EP20090735792	20090423
JP2011518618 T2	20110630	JP20110506458T	20090423
JP5419965 B2	20140219	JP20110506458T	20090423
US2009270888 AA	20091029	US20080108433	20080423
US2012041307 AA	20120216	US20110277167	20111019
US2012209112 AB	20120816	US20110277167	20111019
US2013138128 AA	20130530	US20130752325	20130128
US8062316 BB	20111122	US20080108433	20080423
US8361097 BB	20130129	US20110277167	20111019
WO09132218 A1	20091029	WO2009US41579	20090423

Probable Assignee: AVINGER INC

Assignee(s):(std)**:** AVINGER INC ; SIMPSON JOHN B ; PATEL HIMANSHU N ; PATEL HIMANSHU ; SIMPSON JOHN

Assignee(s): PDL BIOPHARMA INC ; CRG PARTNERS III CAYMAN LP ; CRG PARTNERS III LP ; CRG PARTNERS III PARALLEL FUND A LP ; CRG PARTNERS III PARALLEL FUND B CAYMAN LP

Inventor(s):(std)**:** SIMPSON JOHN B ; SIMPSON JOHN ; PATEL HIMANSHU N ; PATEL HIMANSHU

Inventor(s): HIMANSHU N PATEL ; JOHN B SIMPSON

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BORDEN LADNER GERVAIS LLP; DEE IAN MARK; POTTER CLARKSON LLP; SHAY GLENN LLP; SHOOP RICHARD D 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 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

International class (IPC 8–9): A61B17/00 A61B17/22 A61B17/221 A61B17/32 A61B17/3207 A61B17/34 A61B18/00 A61B18/12 A61B18/18 A61B18/20 A61B6/00 A61D1/02 A61M25/09 (Advanced/Invention); A61B18/14 A61B18/24 (Advanced/Non–invention); A61B17/22 (Core/Invention)

CPC: A61B17/32002 A61B17/22012 A61B17/32075 A61B17/320758 A61B18/1492 A61B18/24 A61B2017/00336 A61B2017/00398 A61B2017/22094

European class: A61B17/3207R K61B17/00E3S K61B17/00F4 K61B17/22B2 K61B17/22T K61B17/3207P K61B18/14V K61B18/24

US class: 600/435 600/435P 604/508 604/508S 606/14 606/14S 606/159 606/159P 606/159S 606/171 606/185 606/33 606/33S 606/80

Classification Explorer

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DE202006018883 U1

Forward Citations: WO16171963, WO16133932, WO14163954, WO14143064, WO13123007, WO13071299, US9814862, US9801650, US9801647, US9788854, US9788790, US9775969, US9770259, US9770172, US9757200, US9730613, US9717520, US9709379, US9687267, US9687266, US9668765, US9642646, US9636139, US9636138, US9623211, US9622762, US9622706, US9615850, US9612105, US9596993, US9592075, US9585667, US9579494, US9579157, US9572492, US9566111, US9557156, US9549755, US9549718, US9532844, US9532799, US9532797, US9498600, US9498247, US9486237, US9486143, US9478940, US9456872, US9445834, US9415242, US9408998, US9383263, US9367965, US9360630,

US9345510, US9345406, US9345398, US9326789, US9324141, US9307926, US9301687, US9292918, US9286673, US9283040, US9241734, US9241733, US9220530, US9204893, US9192566, US9192426, US9192406, US9125562, US9119662, US9107590, US9060806, US9044568, US9028512, US8998937, US8998936, US8992717, US8979877, US8961546, US8956376, US8920450, US8911459, US8852166, US8808186, US8784440, US8764700, US8740835, US8696695, US8696612, US8690818, US8644913, US8597315, US8574249, US8548571, US8496677, US8469979, US8414604, US8361097, US8328829, US8246640, US8226674, US8192452, US2016120605, US2015258258, US2015209065, US2015080700, US2014222048, US2013110147, US2011201974, US2011054503, US2011021926, US2010305452, US2010274270, US2010125253, US2008319376, EP3135232, EP2854654, EP2716240, EP2640284, CN105852932,

Abstract:
Source: US2009270888A A rotating cutting head catheter for passage through chronic total occlusions or other refractory atherosclerotic plaque from diseased arteries is disclosed. The catheter's rotating cutting head is designed to reside safely within an outer protective sheath when not in use. The outer protective sheath contains one or more helical groves or slots, and the cutting head contains protruding blades or projections that fit into these helical groves or slots. Application of torque to an inner catheter or wire attached to the cutting head applies spin to the cutting head, and the force of the sheath's helical groves or slots against the cutting head's protruding blades or projections advances the cutting head outward from the protective sheath. Once extended, the cutting head may now rotate freely. The device may use a guidewire to direct the cutting head to the desired position.

0) GB2531911A – SAFETY DEVICE FOR A ROMAN BLIND ASSEMBLY

48) Family number: 57881863 (GB2531911A) © PatBase

Title: SAFETY DEVICE FOR A ROMAN BLIND ASSEMBLY

Priority: GB20140016636 20140919

Family:

Publication number	Publication date	Application number	Application date
GB201416636 A0	20141105	GB20140016636	20140919
GB201516622 A0	20151104	GB20150016622	20150918
GB2531911 A1	20160504	GB20150016622	20150918

Probable Assignee: JONES AND CO NOTTINGHAM LTD

Assignee(s):(std)**:** JONES AND CO NOTTINGHAM LTD

Inventor(s):(std)**:** ANDREW BAKER ; MICHAEL HAYES

International class (IPC 8–9)**:** A47H3/02 E06B9/262 E06B9/326 (Advanced/Invention)

CPC: E06B2009/2622 E06B2009/3265 E06B9/262 E06B9/326 A47H3/02

Classification Explorer

Cited documents: TWM485950 Y, EP2392759 A2, DE10244033 A1,

Forward Citations: US9719296, CN106050110,

Abstract:
Source: GB2531911A The assembly comprises head and bottom rails, blind material, a lift cord and a safety device attached to the blind material proximal the bottom rail and arranged to clamp the lift cord and release it when the force upon it exceeds a predetermined amount. The safety device may comprise a plunger 25 and socket 23 with complementary openings 57, [35, fig 5] defining a clamping sleeve through which the cord extends. A biasing spring 27 may provide the clamping force. The safety device may have a structure 31 for attachment to the blind material. The structure may be a loop or hook for respectively sewing or clipping to the blind material. The loop may have teeth 43 for retaining the sewn thread. Also claimed separately is the safety device, a kit of parts for constructing the blind assembly, and a method of improving the blind assembly using the safety device.

49) Family number: 15204268 (US5657799A) © PatBase

Title: SAFETY DEVICE IN REINFORCING BARS BINDING MACHINE

Priority: EP19950116364 19951017 JP19940276975 19941017 JP19950188122 19950630

Family:

Publication number	Publication date	Application number	Application date
DE69520188 D1	20010405	DE19956020188	19951017
DE69520188 T2	20010621	DE19956020188T	19951017
DE69534859 D1	20060504	DE19956034859	19951017
DE69534859 T2	20060824	DE19956034859T	19951017
EP0708214 A1	19960424	EP19950116364	19951017
EP0708214 B1	20010228	EP19950116364	19951017
EP0952278 A2	19991027	EP19990111138	19951017
EP0952278 A3	20010418	EP19990111138	19951017
EP0952278 B1	20060308	EP19990111138	19951017
JP2817636 B2	19981030	JP19940276975	19941017
JP2949703 B2	19990920	JP19950188122	19950630
JP8114035 A2	19960507	JP19940276975	19941017
JP9013677 A2	19970114	JP19950188122	19950630
US5657799 A	19970819	US19950573055	19951017

Probable Assignee: MAX CO LTD

Assignee(s):(std)**:** MAX CO LTD

Assignee(s): MAX KABUSHIKI KAISHA ; MAX CO LTD TOKIO TOKYO ; MATSUKUSU KK ; MAX CO

Inventor(s):(std)**:** KUSAKARI ICHIRO ; MIYAZAKI ATUSHI ; MIYAZAKI ATSUSHI

Inventor(s): KUSAKARI ; MYAZAKI ATSUSHI ; MIYAZAKI

Designated states: DE GB SE

International class (IPC 8–9)**:** B21F15/04 B25B25/00 B65B13/22 B65B57/02 E04G21/12 (Advanced/Invention); B65B13/28 (Advanced/Non–invention); B65B13/18 B65B57/02 E04G21/12 (Core/Invention)

International class (IPC 1–7)**:** B21F15/04 B25B25/00 B65B13/22 B65B57/02 E04G21/12

CPC: B65B13/285 E04G21/122 E04G21/123

European class: E04G21/12C L65B13/28T

US class: 140/119 140/57

Classification Explorer

Cited documents: US4685493 A, JP5003494 U, JP4040686 A2, EP0249737 A2, EP0190071 A1, DE2454905 A1,

Forward Citations: WO10136530, WO10136530, WO0036249, US9808854, US9255415, US8607696, US8122916, US8025251, US7866597, US7448417, US5871036, US2011049230, US2011030836, US2010293902, US2008134908, US2007199610, EP2775069, EP2554763, EP1777360, EP1757755, CN104640647, CN104343241, CN102459784, CN102459784,

Abstract:
Source: US5657799A A safety device for a reinforcing bars binding machine which includes a wire feed device for feeding out a wire used to bind reinforcing bars together, a guide arm for guiding the fed–out wire such that the wire is wound around the intersecting portions of the reinforcing bars in a loop manner, a twisting device for holding part of the loop–wound portion of the wire and for twisting and rotating the same to thereby tighten the wire, and a cutting device for cutting off the loop–wound portion of the wire from the portion of the wire existing on the wire feed device side, wherein the guide arm is movable in the wire feeding direction, and wherein the safety device comprises: a spring normally energizing the guide arm in the opposite direction to the wire feeding

direction; and detector for detecting that the guide arm is moved in the wire feeding direction against the energization force of the spring, wherein the wire feeding device is operated in accordance with the detection of the movement of the guide arm by the detector.

50) Family number: 53242113 (US2013068226A) © PatBase

Title: COLD PLASMA TREATMENT DEVICES AND ASSOCIATED METHODS

Priority:

EP20120832476 20120914 US20070913369P 20070423 US20110535250P 20110915
US20110149744 20110531 US20090638161 20091215 US20080038159 20080227
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Family:

Publication number	Publication date	Application number	Application date
EP2755716 A1	20140723	EP20120831536	20120914
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WO13052261 A3	20130627	WO2012US55571	20120914	

Probable Assignee: PLASMOLOGY4 INC

Assignee(s):(std)**:** HUMMEL ROBERT M ; JACOFSKY DAVID J ; WATSON GREGORY A ; JACOFSKY MARC C ; PLASMOLOGY4 INC ; COLD PLASMA MEDICAL TECHNOLOGIES INC

Assignee(s): COLD PLASMA TECHNOLOGIES INC

Inventor(s):(std)**:** HUMMEL ROBERT M ; JACOFSKY DAVID J ; JACOFSKY MARC C ; WATSON GREGORY A

Agent(s): FRASER KAREN; ROUND EDWARD MARK; STERNE KESSLER GOLDSTEIN AND FOX PLLC; GORDON LORI A ET AL; GORDON LORI 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

International class (IPC 8–9)**:** A61L2/00 A61L2/08 A61L2/14 A61M15/02 A61M16/06 A61M16/12 A61M25/00 A61M35/00 A61M37/00 A61N1/00 A61N1/40 A61N1/44 B23K10/00 F16J13/00 H01J37/32 H01J7/00 H01J7/24 H02M1/00 H05H1/24 H05H1/46 H05H1/48 (Advanced/Invention); A61N1/40 A61N1/44 H05H1/24 (Advanced/Non–invention)

CPC: H05H2001/2412 H05H1/2406 A61L2/00 H05H2245/1225 H05H2001/466 A61M35/003 A61M25/00 A61M2202/048 A61M16/06 H01J37/32348 A61L2/0094 A61L2/14 A61M15/02 A61M16/12 A61M2202/0208 A61M2202/025 A61N1/40 H01J37/32825 H05H2001/4682 H05H2240/20 H05H2245/122 H05H2277/10 H01J37/3244 H01J37/3266 A61M16/0627 A61L2/0011 A61L2202/11 H01J37/321 H05H1/46 A61N1/44

US class: 1/1 128/203.29 206/0.6 219/121.5 219/121.59 315/111.21 315/111.51 315/111.71 315/111.81 315/111.91 422/22 604/23 604/24 607/104

Locarno class: 20/66

Classification Explorer

Cited documents: WO9600108 A1, WO13101673 A1, WO12153332 A2, WO12106735 A2, WO11076193 A1, WO11055369 A2, WO11055368 A2, WO11015538 A1, WO10107722 A1, WO08131407 A1, WO08123142 A1, WO07124910 A2, WO07063186 A1, WO06116252 A2, WO05084569 A1, WO04102065 A2, WO0078388 A1, WO0070117 A1, US9570273 BB, US9418820 BB, US9211603 BB, US9006976 BB, US8943617 BB, US8928230 BB, US8810134 BB, US8521274 BB, US8460283 BA, US8359106 BB, US8294369 BA, US8267884 BA, US8263178 BB, US8262601 BB, US8005548 BB, US7930772 BB, US7799290 BB, US7785322 BB, US7777151 BB, US7719200 BB, US7691101 BB, US7683342 BB, US7681572 BB, US7658891 BA, US7633231 BB, US7615931 BB, US7608839 BB, US7494488 BB, US7419487 BB, US7335199 BB, US7300436 BB, US7288293 BB, US7271363 BB, US7258899 BA, US7215697 BB, US7192553 BB, US7094314 BB, US7081711 BB, US7078000 BB, US7037468 BB, US7033353 BB, US7011790 BB, US7006874 BB, US6969487 BA, US6958063 BA, US6956329 BB, US6955790 BB, US6764658 BB, US6667007 BA, US6611106 BB, US6474060 BB, US6455014 BA, US6441554 BA, US6262523 BA, US6228330 BA, US6225593 BA, US6213999 BA, US6204605 BA, US6113851 A, US6099523 A, US6096564 A,

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Forward Citations: WO17117146, WO17004080, WO16048689, WO15095810, WO15059702, WO14203218, WO14106258, US9814647, US9788404, US9782852, US9757196, US9744372, US9737954, US9685306, US9672460, US9666415, US9663754, US9656095, US9643273, US9570273, US9558918, US9538630, US9521736, US9498637, US9481050, US9440057, US9437401, US9418820, US9395715, US9384947, US9363881, US9295280, US9257264, US9220162, US8896211, US2017156200, US2017136253, US2017087372, US2016358752, US2016354614, US2016287310, US2016233061, US2016136062, US2015373824, US2015343231, US2015257964, US2015221476, US2015209595, US2015156857, US2015127079, US2015001193, US2014188071, US2014161947, US2014069895, US2013072859, US2013069530, US2012288934, US2012229029, FR3007273, CN103917035,

Abstract:
Source: US2013068226A An inhalable cold plasma mask device for generation of a breathable cold plasma for delivery to a patient. A biocompatible gas is received in a dielectric barrier discharge (DBD) device that is energized by an electrode that receives energy from a pulsed source. The DBD device can be grounded by a grounding structure. A grounding screen can be used prior to inhalation of the cold plasma. The inhalable cold plasma mask device includes the use of a single−layer or a two−layer approach to its construction. The inhalable cold plasma mask device can have one or two DBD devices. Such a device and associated method can be used to treat upper respiratory tract infections, as well as reducing inflammation, sinus and esophageal polyps in both size and frequency of occurrence.

- List: SS1 1−50 (TAC=(hook or carabiner or hanger or connector) and FT=(nose and body and (gate or finger) and trigger and ((embedded or inside) W3 (flexible member or cord or reinforcement member or steel wire)))) (Results 3)

0) US2006020241A – LAPAROSCOPIC INSTRUMENT AND CANNULA ASSEMBLY AN...

1) Family number: 32578243 (US2006020241A)

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Title: LAPAROSCOPIC INSTRUMENT AND CANNULA ASSEMBLY AND RELATED SURGICAL METHOD

Priority:

AU20080233166	20080327	AU20090213047	20090910	AU20130203337	20130410
CA20092678374	20090910	CA20092678278	20090909	CA20052835923	20050712
CA20052573064	20050712	AU20140256408	20141031	AU20150201473	20150320
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Family:

Publication number	Publication date	Application number	Application date
AT555732 E	20120515	AT20090252160T	20090911
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WO06019723 A3	20061102	WO2005US24636	20050712	

WO08121294 A1	20081009	WO2008US03991	20080327

Probable Assignee: COVIDIEN LP

Assignee(s):(std)**:** ABRAMS MICHAEL ; BATTLES CHRISTOPHER ; FERREIRA DANIAL ; GUTELIUS PATRICK N ; DEBISSCHOP MARK J ; COVIDIEN LP ; PNAVAL SYSTEMS INC ; PISKUN GREGORY ; KONIK ANATOLY ; PNAVEL SYSTEMS INC ; RADZIUNAS JEFFREY ; MACDONALD JEFFREY H ; ROTTENBERG DAN ; RENDE FRANK ; TYCO HEALTHCARE ; SHIKHMAN OLEG ; SHIKMAN OLEG

Assignee(s): TYCO HEALTHCARE GROUP LP NORTH HAVEN ; TYCO HEALTHCARE GROUP LP ; PNAVEL SYSTEMS LLC

Inventor(s):(std)**:** ANATOLY KONIK ; BATTLES CHRISTOPHER ; ABRAMS MICHAEL ; DAN PISKUN GREGORY KONIK ANATO ; DAN ROTTENBERG ; DEBISSCHOP MARK J ; DEBISSEHOP MARK J ; FERREIRA DANIAL ; GREGORY PISKUN ; GUTELIUS PATRICK N ; KONIK ANATOLY ; MACDONALD JEFFREY H ; OLEG SHIKHMAN ; PISKUN GREGORY ; RENDE FRANK ; ROTTENBERG ; ROTTENBERG DAN ; SHIKHMAN OLEG ; RADZIUNAS JEFFREY ; SHIKMAN OLEG

Inventor(s): RADZIUNAS JEFFREY WALLINGFORD ; SHIKHMAN OLEG TRUMBULL ; PISKUN GREGORY KONIK ANATOLY ROTTENBERG DAN ; PISKUN GREGORY MORGANVILLE ; PATRICK N GUTELIUS ; MARK J DEBISSCHOP ; MICHAEL ABRAMS ; JEFFREY H MACDONALD ; JEFFREY RADZIUNAS ; FERREIRA DANIAL MILFORD ; FRANK RENDE ; DANIAL FERREIRA ; ABRAMS MICHAEL NEW HAVEN ; BATTLES CHRISTOPHER SEYMOUR ; CHRISTOPHER BATTLES

Agent(s): SPRUSON AND FERGUSON; CASSAN MACLEAN; OSLER HOSKIN AND HARCOURT LLP; SOAMES CANDIDA JANE; ELZABURU SLP ELZABURU SLP; R NEIL SUDOL; COLEMAN SUDOL SAPONE PC; TYCO HEALTHCARE GROUP LP; TYCO HEALTHCARE GROUP LP,D/B/A COVIDIEN; TYCO HEALTHCARE GROUP LP D B A COVIDIEN; SUDOL R NEIL

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

International class (IPC 8–9): A61B1/00 A61B1/04 A61B1/05 A61B1/31 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/29 A61B17/32 A61B17/34 A61B17/94 A61F11/00 A61M1/00 A61M13/00 A61M25/00 A61M25/16 A61M31/00 A61M5/178 A61M5/32 (Advanced/Invention); A61B1/313 A61B17/29 (Advanced/Non–invention); A61B1/00 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/34 A61B17/94 A61F11/00 A61M1/00 A61M13/00 A61M25/00 A61M25/16 A61M31/00 A61M5/178 (Core/Invention)

CPC: A61B17/29 A61B17/3417 A61B2017/003 A61B2017/00314 A61B2017/2946 A61B2017/3456 A61B17/3439 A61B2017/3427 A61B2017/3441 A61B2017/349 A61B17/2909 A61B17/3403 A61B17/3498 A61B2017/2904 A61B2017/2905 A61B2017/292 A61B2017/2929 A61B2017/3445 A61B2017/3449 A61B2017/347 A61B2017/3492 A61B1/32 A61B1/05 A61B1/3132 A61B2017/00738 A61B2017/2908 A61B2017/3447 A61B2017/3466 A61B2017/3419 A61B17/0218 A61B17/3421 A61B17/3462 A61B17/282 A61B17/2841 A61B2017/3486 A61B17/3423 A61B17/00234 A61B34/70 A61B2034/301 A61B17/3474 A61B17/3496 A61B90/57 A61B2017/3484

European class: A61B1/05 A61B1/313B A61B1/32 A61B17/29 A61B17/34D A61B17/34G A61B17/34G4 A61B17/34G4A A61B17/34H K61B1/313B K61B17/00E3G K61B17/00E3G4S K61B17/00Q14 K61B17/29F10 K61B17/29F4 K61B17/29F6 K61B17/29H K61B17/29H6L2 K61B17/29J2R K61B17/29L K61B17/34G4H K61B17/34G4H2 K61B17/34G4M K61B17/34G4M2 K61B17/34G4M4 K61B17/34G6B K61B17/34H K61B17/34H4 K61B17/34K K61B17/34R2D K61B17/34R4 K61B17/34V K61B19/22 K61B19/22B4

US class: 1/1 600/101 600/101S 600/109 600/109S 600/112 600/114 600/115 600/201 600/201S 600/204 600/205 600/206 600/206S 600/207 600/207P 600/208 600/208P 600/208S 600/214 600/225 600/227 600/227P 600/231 600/231P 600/233 604/164.01 604/164.03 604/164.11 604/174 604/174P 604/513 604/539 604/93.01 604/93.010P 606/108 606/185 606/185S 606/205 606/206 606/206P 606/207 606/207S 606/209 606/209S

Classification Explorer

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Abstract:
Source: US2006020241A A laparoscopic port assembly includes a cannula unit including three cannulas each extending at an acute angle relative to a base. The cannulas are flexible for receiving respective angulated laparoscopic instruments. The cannula unit is rotatingly received in a port holder for rotation about a longitudinal axis of the holder, the holder being disposable in an opening in a patient's skin.

0) US2007248238A – BIOLOGICALLY FIT WEARABLE ELECTRONICS APPARATUS...

2) Family number: 34588217 (US2007248238A) © PatBase

Title: BIOLOGICALLY FIT WEARABLE ELECTRONICS APPARATUS AND METHODS

Priority:

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US2007248238 AA	20071025	US20060637950	20061213	
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US2012210489 AA	20120823	US20120431273	20120327	
US2012220234 AA	20120830	US20120425955	20120321	
US2014078462 AA	20140320	US20130971696	20130820	
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US2016088382 AA	20160324	US20150801727	20150716	
US2016377891 AA	20161229	US20150980923	20151228	
US2017227793 AA	20170810	US20170438283	20170221	
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US9122082 BB	20150901	US20120431273	20120327	
US9606375 BB	20170328	US20130971696	20130820	
US9723391 BB	20170801	US20150745085	20150619	
WO07070508 A2	20070621	WO2006US47355	20061213	
WO07070508 A3	20080626	WO2006US47355	20061213	
WO07081745 A2	20070719	WO2007US00177	20070108	
WO07081745 A3	20080417	WO2007US00177	20070108	

Probable Assignee: GEELUX HOLDINGS LTD

Assignee(s):(std)**:** ABREU MARCIO ; ABREU MARCIO M ; ABREU MARCIO MAR ; ABREU MARCIO MARC ; MARCIO ABREU ; ABREU MARCIO MARC AURELIO MART ; ABREU MARCIO MARC AURELIO MARTINS ; MARCIO MARC ABREU ; GEELUX HOLDINGS LTD

Assignee(s): ABREU MARCIO MARC AURELIO MARTINS MR ; GEELUX HOLDING LTD ; ABREU MARCIO MARC NORTH HAVEN

Inventor(s):(std)**:** ABREU MARCIO M ; ABREU MARCIO MAR ; ABREU MARCIO MARC ; ABREU MARCIO MARC AURELIO MART ; ABREU MARCIO MARC AURELIO MARTINS ; MARCIO MARC ABREU

Inventor(s): ABREU MARCIO ; ABREU MARCIO MARC NORTH HAVEN

Agent(s): FB RICE; FB RICE PTY LTD; MOFFAT AND CO; PFENNING MEINIG AND PARTNER MBB PATENTANWAELTE; PFENNING MEINIG AND PARTNER GBR; PFENNING MEINIG AND PARTNER MBB; INO SARI; KUMAKURA YOSHIO; MURAKOSO HIROO; MATSUSHITA MITSURU; KURASAWA ICHIRO; DESHIMARU TAKESHI; JACOBSON HOLMAN PLLC; STUDEBAKER AND BRACKETT PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT 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 MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41D1/00 B65H75/48 G02B27/01 G02B27/02 G02C1/00 G02C1/06 G02C11/00 G02C11/06 G02C3/00 G02C5/14 G02C7/08 G06F1/16 G06F3/01 G06F3/041 G06F3/16 H02G11/02 H04B1/38 H04H20/88 H04H5/00 H04M1/02 H04M1/03 H04M1/05 H04N5/225 H04N5/64 H04N7/18 H04R1/00 H04R1/02 H04R1/10 H04R25/00 H04W88/00 (Advanced/Invention); A41D1/00 G02C11/00 G02C7/02 H04R1/10 H04R5/033 H04W84/18 (Advanced/Non–invention); G02C1/00 G02C11/00 G02C5/14 G02C7/02 G06F1/16 H04B1/38 H04H5/00 H04M1/04

H04R1/10 H04R25/00 (Core/Invention); A41D1/00 (Core/Non–invention)

International class (IPC 1–7): G02C7/08

CPC: G02C5/14 A41D1/002 G06F1/20 G06F2200/201 H04R2420/07 G06F1/163 H04M1/05 H04R2201/023 H04R1/028 H04R1/1066 H04R5/0335 H04R1/1033 G02B27/017 G02B2027/0138 G02B2027/0178 H04R1/105 H04R1/1016 H04N7/185 G02C3/003 G02C11/06 G02C11/10 G02C5/143 G06F3/0414 G06F3/016 G06F3/167

European class: G02C11/00 G02C11/06 G02C3/00B G06F1/16P5 G06F1/20 H04M1/05 H04R1/10M2 K41D1/00B S06F200/201 T04R1/10B T04R1/10E T04R201/023 T04R420/07 T04R5/033H

US class: 1/1 2/69 2/69P 242/378.1 348/158 351/111 351/158 351/158P 351/159.75 351/177 351/74 381/381 381/381P 381/384 381/384P 381/394 381/74 381/74P 455/41.2 455/41.200P

Classification Explorer

Cited documents: WO9923524 A1, WO07081745 A2, WO07046892 A1, WO05115048 A1, WO04012477 A2, WO02086599 A1, WO0111917 A1, WO0106298 A1, USD533539 S1, US8573458 BA, US7702122 BB, US7664540 BB, US7519192 BA, US7226162 BB, US7192136 BB, US6929409 BB, US6920228 BB, US6915934 BB, US6834820 BB, US6690808 BB, US6643528 BA, US6633770 BA, US6544193 BB, US6176576 BA, US6176576 B1, US6097822 A, US6095820 A, US6091832 A, US6056449 A, US5881160 A, US5815126 A, US5737436 A, US5715323 A, US5608808 A, US5422957 A, US5164987 A, US5034995 A, US4942617 A, US4902120 A, US4761056 A, US4456797 A, US3528734 A, US2873645 A, US2249572 A, US2012328144 AA, US2012264492 AA, US2009175482 AA, US2008156606 AA, US2008143954 AA, US2007223760 AA, US2007215663 AA, US2007064969 AA, US2006251283 AA, US2006185062 AA, US2006177086 AA, US2006153409 AA, US2006093178 AA, US2006023158 AA, US2006013410 AA, US2005255898 AA, US2005255883 AA, US2005248717 AA, US2005220316 AA, US2005201585 AA, US2005128431 AA, US2005111174 AA, US2005078274 AA, US2004242976 AA, US2004229515 AA, US2004204165 AA, US2004178970 AA, US2004156012 AA, US2004155770 AA, US2004077382 AA, US2004067786 AA, US2004059212 AA, US2003182003 AA, US2003108217 AA, US2003068057 AA, US2003042348 AA, US2003040285 AA, US2003036414 AA, US2002193151 AA, US2002072387 AA, US2001035242 AA, US05715323, US02249572, JPS61125081 U1, JPS52107638 U1, JP8237349 A2, JP8237349, JP7312791 A2, JP7209600 A2, JP7057710 A2, JP63120585 A2, JP63120585, JP61125081 U1, JP61125081 U, JP61125081 U, JP6081194 U, JP6081194 U, JP58113913 A2, JP58113913, JP52107638 U1, JP52107638 U, JP52107638 U, JP3043585 U, JP3043585 U, JP2014013397 A2, JP2009527134 T2, JP2009527134, JP2005534269 T2, JP2005534269, JP2005051805 A2, JP2004078241 A2, JP2003505718 T2, JP2003505718, JP2002515197 T2, JP2002515197, JP2002278670 A2, JP2002278670, JP2002238092 A2, JP2002238092, JP1129988 U1, JP1129988 U, JP1129988 U, GB2320990 A1, EP1049310 A1, CN2521702 Y,

Forward Citations: WO17132682, WO17106385, WO17091705, WO16186549, WO16186548, WO16143279, WO16044612, WO15173480, WO15166881, WO15106179, WO15103563, WO15080811, WO15073737, WO13188343, WO12040086, WO12029009, WO11031084, WO11031084, WO10126550, WO10060323, WO09131588, USRE45172, USD794637, USD792400, USD755281, USD745084, USD703180, USD692848, US9819850, US9813798, US9811752, US9811159, US9811152, US9810906, US9807493, US9789306, US9788105, US9784973, US9772492, US9769826, US9768810, US9768752, US9766463, US9759917, US9753304, US9753288, US9752724, US9746686, US9746676, US9742375, US9740280, US9740012, US9726904, US9723397, US9723391, US9722577, US9720260, US9720258, US9720241, US9720240, US9720235, US9720234, US9720227, US9716311, US9715112, US9698858, US9698758, US9698748, US9690121, US9684172, US9684171, US9677901, US9672210, US9671765, US9658458, US9658457, US9656078, US9656069, US9656060, US9651789, US9651788, US9651787, US9651784, US9651783, US9648419, US9629774, US9621978, US9621976, US9619201, US9616222, US9615742, US9612440, US9608591, US9606375, US9602905, US9597504, US9597501, US9586318, US9578307, US9576460, US9575321, US9571928, US9564944, US9548716, US9547465, US9547184, US9545517, US9535267, US9529199, US9529195, US9529192, US9523856, US9517010, US9507772, US9494807, US9494800, US9491553, US9488520, US9482883, US9482882, US9473216, US9461529, US9451068, US9450637, US9442290, US9431990, US9419581, US9415210, US9415209, US9413066, US9405135, US9402121, US9381354, US9379454, US9374113, US9369760, US9368884, US9366862, US9362891, US9361513, US9351881, US9350405, US9341843, US9329689, US9318940, US9318904, US9314566, US9301085, US9299348, US9294607, US9285589, US9282392, US9271061, US9263806, US9246223, US9237262, US9235262, US9231643, US9229227, US9223134, US9213874, US9198621,

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Abstract:
Source: US2007248238A Detachable wearable electronic eyeglasses and head mounted gear with a plurality of electronic functions and interchangeable electronic function, and a wearable computer with optimal weight distribution and stretchable arms.

0) US2010228405A – SHARED VEHICLE MANAGEMENT SYSTEM

3) Family number: 42724533 (US2010228405A) © PatBase

Title: SHARED VEHICLE MANAGEMENT SYSTEM

Priority: US20070934545P 20070613 US20080664614 20080613 WO2008US67036 20080613

Family:

Publication number	Publication date	Application number	Application date
US2010228405 AA	20100909	US20080664614	20080613
WO08157443 A2	20081224	WO2008US67036	20080613
WO08157443 A3	20090226	WO2008US67036	20080613

Probable Assignee: INTRAGO CORP

Assignee(s):(std)**:** INTRAGO CORP ; MAGDOVITZ MITCHELL ; MORGAL RICHARD ; STURGES DANIEL ; THOMPSON WILFRED ; TOMASIK JOHN

Inventor(s):(std)**:** MAGDOVITZ MITCHELL ; MORGAL RICHARD ; STURGES DANIEL ; THOMPSON WILFRED ; TOMASIK JOHN ; SAMSON JEFFREY T

Agent(s): HENSLEY KIM AND HOLZER LLC; HATTENBACH BRAD

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 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

International class (IPC 8–9): F16D1/00 G06F19/00 G06Q10/00 G07B15/00 H01R4/28 H02J7/00 (Advanced/Invention)

CPC: G06Q10/087 B62H3/02 G06Q30/06 G07B15/00 Y02T90/169 Y04S30/14 B60L11/007 B60L11/1818 B60L11/1827 B60L11/1846 B60L11/1848 B60L2200/12 B60L2200/16 B60L2270/36 Y02T10/7005 Y02T90/121 Y02T90/125 Y02T90/128 Y02T90/14 Y02T90/16 Y02T90/163 Y10T403/7039 B60L11/1824 B60L11/1861 B60L2230/16 B60L2240/547 B60L2240/549 B60L2240/70 B60L2250/10 B60L2250/12 B60L2250/16 B60L2270/32 B60L2270/34 B62H3/00 Y02T10/7044 Y02T10/705 Y02T10/7088 Y02T10/7291 B62H2003/005

European class: B62H3/02 G06Q10/087 G06Q10/08E G06Q30/06 G07B15/00

US class: 211/13.1 211/13.100S 320/107 320/107S 403/361 403/361S 439/345 439/345S 701/1 701/1S 701/2 701/29 701/29S 701/2P 701/31.4 701/31.400S 701/33 701/33S 705/28 705/28S

Classification Explorer

Cited documents: US7558564 BB, US7324006 BB, US6253980 BA, US6181991 BA, US5812070 A, US2007239478 AA, JP2005196403 A2,

Forward Citations: WO17153781, WO17032900, WO16091319, WO16083877, WO16075121, WO16022553, WO15160782, WO15077869, WO13142955, WO12107448, WO12090120, WO11145074, WO10096502, WO10088909, USD776576, USD766138, USD746760, USD738276, USD730781, USD730780, USD730779, USD632617, USD625228, US9800079, US9744866, US9738255, US9706835, US9701165, US9694834, US9688156, US9682743, US9671806, US9610856, US9598128, US9597974, US9569966, US9567025, US9533586, US9514588, US9505124, US9496750, US9434332, US9431835, US9418345, US9415833, US9387771, US9381964, US9373967, US9361601, US9352652, US9277191, US9269201, US9207270, US9194955, US9165319, US9157742, US9120391, US9090310, US9090171, US9088104, US9076136, US9068374, US9059447, US9048567, US8952561, US8949022, US8930054, US8890475, US8866436, US8751088, US8744674, US8706336, US8698349, US8688305, US8643330, US8635269, US8536993, US8517162, US8450968, US8450967, US8432131, US8398408, US8371870, US8311690, US8294420, US8278875, US8272491, US8265816, US8138715, US8061499, US8038462, US2017116805, US2017043826, US2016283901, US2016167460, US2016121962, US2016059721, US2016056647, US2015357860, US2015343915, US2015330109, US2015307043, US2015291046, US2015207352, US2015170261, US2015152668, US2015130635, US2015123613, US2015108947, US2015096335, US2015074004, US2015051926, US2014379185, US2014371962, US2014345962,

US2014316918, US2014225566, US2014170889, US2014167696, US2014156096, US2014094967, US2014058619, US2014008135, US2014002018, US2013339170, US2013314205, US2013303014, US2013253746, US2013231810, US2013228535, US2013080254, US2013072070, US2013057210, US2013049689, US2012324966, US2012262114, US2012239248, US2012215346, US2012197470, US2012146429, US2012143404, US2012143401, US2012015621, US2011298712, US2011279082, US2011244798, US2011189877, US2011161141, US2011148356, US2011074350, US2010163503, US2010117863, US2010089846, US2009301976, US2009266673, US2009177580, US2009082916, US2008220880, FR3014832, FR3003535, FR2978415, EP3188141, EP3121101, EP2915732, EP2781446, EP2716531, EP2711888, EP2661723, EP2523168, EP2514628, EP2472483, DE102015217307, DE102014116600, DE102014112799, DE102012023252, DE102011003724, CN103518218, CN103384626, CN103303400, AU2012215526, AU2012215526,

Abstract:
Source: US2010228405A A locking and holding mechanism for a personal vehicle is composed of a connection device mounted to the vehicle and a receptacle mounted to a solid fixture. The receptacle is configured to directly receive and engage the connection device of the vehicle and, once received, the vehicle is locked to the receptacle held in a stable position. The connection device easily attaches a vehicle to a dock and enables a vehicle management system to charge, lock, hold in place and monitor the vehicle's presence when docked in a charge station. When docked in a charge station, if the status of the vehicle is altered unexpectedly the vehicle is equipped with communication equipment to alert the management system that the vehicle's status has changed. The apparatus identifies a user through an ID device and/or code. A user in good standing accesses a user interface via a communication gateway to secure access to a vehicle by electronically detaching the vehicle from the dock.

- List: SS2 1−50 (TAC=(hook or carabiner or hanger or connector) and FT=(safe* and trigger and (((flexible w3 member) or cord or reinforcement or wire) W3 (inside or embedded)))) (Results 178)

0) US2002055076A – MULTI–MODE LIGHTER

1) Family number: 30109855 (US2002055076A) © PatBase

Title: MULTI–MODE LIGHTER

Priority:

AU20040221412	20040317	AU20090251152	20091223	EP20040757628	20040317
JP20020575534	20020325	US20030389975	20030818	KR20077001505	20070122
US20030647505	20030826	US20030389975	20030318	US20020085045	20020301
US20000704689	20001103	US20010819021	20010327	US20010817278	20010327
US20070981616	20071030	WO2006US34700	20060905	US20040788195	20040226
US20050145306	20050603	WO2002US09275	20020325	WO2004US08339	20040317
WO2005US22735	20050622	WO2004US26895	20040818	US20050221295	20050906
US20040876112	20040623	US20040833827	20040427	WO2001US49563	20011029
WO2002US09275	20070326	WO2002US09275	20030926	WO2001US49563	20030502

Family:

Publication number	Publication date	Application number	Application date
AR034179 AA	20040204	AR2001P105157	20011102
AR034301 AA	20040218	AR2002P101174	20020402
AR043657 AA	20050803	AR2004P100914	20040318
AR045505 AA	20051102	AR2004P103067	20040826
AU2002239670 AA	20020708	AU20020239670	20011029
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AU2002336229 AA	20021008	AU20020336229	20020325
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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 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 MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): F23D11/36 F23D14/28 F23D14/72 F23Q2/00 F23Q2/02 F23Q2/16 F23Q2/167 F23Q2/28 F23Q2/34 F23Q2/36 F23Q2/40 F23Q2/50 F23Q3/01 F23Q7/00 F23Q7/12 F23Q7/14 (Advanced/Invention); F23D11/36 F23Q2/00 F23Q2/16 F23Q2/34 F23Q3/01 F23Q7/12 F23Q7/14 (Advanced/Non–invention); F23D11/00 F23D11/36 F23D14/46 F23Q2/00 F23Q3/00 F23Q7/00 (Core/Invention); A24F F23D F23Q (Subclass/Invention); F23D (Subclass/Non–invention)

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CPC: F23Q2/287 F23Q2/164

European class: F23Q2/16D F23Q2/28C2

US class: 431/153 431/153P 431/153S 431/254 431/255 431/255P 431/255S 431/277 431/344 431/344S 431/345

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Abstract:
Source: US2002055076A The present invention relates to a lighter which a user actuates by at least two different modes of operation. In the first mode, a plunger member is positioned to allow a biasing member to oppose movement of an actuating assembly so that a user releases fuel and ignites the lighter only if a high–actuation–force is applied to the actuator. In this first mode, the lighter resists operation by unintended users by requiring a user to have a predetermined level of strength to actuate the lighter. In the second mode, the plunger member is moved to a different position so that the biasing member does not oppose movement of the actuating assembly to the same extent as the first mode so that a user may release fuel and ignite the lighter if a low–actuation–force is applied to the actuator. Moving the plunger member from the first position to the second position preferably requires the user to have a predetermined level of cognitive abilities and/or physical

characteristics in order to resist use by unintended users. The lighter further includes a pivotal wand assembly. The wand assembly is operatively associated with a cam follower to allow only partial depression of an actuator when the wand assembly is in a closed position. Full depression of the actuator increases difficulty when the wand assembly is partially or fully extended.

0) US2006265042A – DEVICES, SYSTEMS AND METHODS FOR RETRACTING, LI...

2) Family number: 33814190 (US2006265042A) © PatBase

Title: DEVICES, SYSTEMS AND METHODS FOR RETRACTING, LIFTING, COMPRESSING, SUPPORTING OR REPOSITIONING TISSUES OR ANATOMICAL STRUCTURES

Priority:

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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/307 A61B1/313 A61B17/00 A61B17/02 A61B17/03 A61B17/04 A61B17/06 A61B17/062 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/128 A61B17/29 A61B17/32 A61B17/3205 A61B17/3209 A61B17/34 A61B17/42 A61B17/58 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61F2/04 A61F2/06 A61F2/26 A61F2/76 A61F2/78 A61F2/82 A61K31/137 A61K31/167 A61K31/4164 A61K31/445 A61K31/46 A61K31/728 A61K38/48 A61K39/08 A61M25/01 A61M25/06 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M5/14 A61M5/158 A61M5/178 A61P21/00 (Advanced/Invention); A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/064 A61B17/068 A61B17/29 A61B17/32 A61B17/34 A61B17/42 A61B18/00 A61B18/14 A61B18/18 A61B18/20 A61B19/00 A61F2/04 (Advanced/Non–invention); A61B1/00 A61B17/00 A61B17/03 A61B17/04 A61B17/062 A61B17/12 A61B17/42 A61B17/58 A61B18/18 A61F2/02 A61F2/06 A61K39/08 A61M29/00 A61M5/14 A61P21/00 (Core/Invention); A61B17/00 (Core/Non–invention)

CPC: A61B17/128 A61B17/1285 A61B2017/00367 A61B17/083 A61F2/04 A61B17/3205 A61B8/06 A61B8/12 A61B2018/1861 A61B2018/1869 A61B18/14 A61B2017/0441 A61F2002/047 A61F2220/0016 A61F2/82 A61F2/0045 A61B2017/0446 A61B2017/0496 A61B17/10 A61B17/0643 A61B2017/00477 A61B2017/00862 A61B2019/304 A61B17/064 A61B2017/2925 A61B2090/034 A61B2017/0479 A61B2017/06095 A61B2017/2923 A61B17/32 A61B2017/0046 A61B2017/0688 A61B17/0625 A61B2017/045 A61F2/0063 A61F2/0022 A61B17/0467 A61B17/0469 A61B17/0482 A61B17/0487 A61B17/06109 A61B17/3468 A61B17/3478 A61B17/42 A61B18/1815 A61B18/20 A61B2017/00022 A61B2017/00274 A61B2017/00792 A61B2017/00796 A61B2017/00805 A61B2017/0404 A61B2017/0409 A61B2017/0417 A61B2017/0419 A61B2017/0451 A61B2017/0456 A61B2017/0458 A61B2017/0462 A61B2017/0464 A61B2017/0488 A61B2017/06052 A61B2017/06176 A61B2018/0022 A61B2018/00547 A61B2018/1407 A61B2018/1425 A61B2018/144 A61B2018/1475 A61B2090/3925 A61B2090/3966 A61F2002/041 A61B17/12013 A61B17/1227 A61B1/307 A61M5/158 A61B17/00491 A61B17/06166 A61B2017/00876 A61B2017/00893 A61B17/00234 A61B17/12 A61B18/1477 A61B17/0401 A61B17/0218 A61B2017/00867 A61B2017/042 A61B2017/0454 A61B2017/0472

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US class: 1/1 128/898 128/898S 424/239.1 424/239.100S 424/423 424/423P 424/94.64 424/94.640S 424/94.67 424/94.670S 514/304 514/304S 514/330 514/330S 514/396 514/396S 514/54 514/54S 514/626 514/626S 514/646 514/646S 514/653 514/653S 600/104 600/104P 600/105 600/105S 600/29 600/29P 600/37 600/37P 600/37S 604/164.01 604/22 604/22P 604/22S 604/500 604/500S 604/502 604/502S 604/506 604/506P 604/506S 604/517 604/517S 606/110 606/115 606/115S 606/139 606/139P 606/141 606/141P 606/142 606/142P 606/142S 606/143 606/143P 606/144 606/144P 606/144S 606/145 606/146 606/151 606/151P 606/151S 606/153 606/167 606/167S 606/170 606/170S 606/191 606/191S 606/192 606/192S 606/194 606/194P 606/201 606/215 606/228 606/228S 606/232 606/232P 606/232S 606/33 606/33P 606/33S 606/46 606/46P 606/49 606/49S 607/3 607/3S 623/1.11 623/1.110P 623/23.66

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Abstract:
Source: US2006265042A Devices, systems and methods for retracting, lifting, compressing, supporting or repositioning tissues, organs, anatomical structures, grafts or other structures within the body of human or animal subjects for the purpose of treating diseases or disorders and/or for cosmetic or reconstructive purposes and/or for research and development purposes or other purposes.

0) US2003231485A – TUBULAR ELECTRO–LUMINESCENT PANEL(S) LIGHT DEVI...

3) Family number: 28290889 (US2003231485A) © PatBase

Title: TUBULAR ELECTRO–LUMINESCENT PANEL(S) LIGHT DEVICE

Priority:

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Family:

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Probable Assignee: TORMACH LLC

Assignee(s):(std)**:** CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; TORMACH LLC ; WALLAGE RAYMOND ROGER

Inventor(s):(std)**:** CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; WALLAGE RAYMOND ROGER

Inventor(s): CHIEN TSENG

Agent(s): BACON AND THOMAS PLLC; ROBERT

International class (IPC 8–9): A41D27/08 A41G1/00 A42B1/24 A43B3/00 A45C15/06 B60Q1/26 B60Q3/02 B60R11/00 B60R13/00 C10G1/00 C12M1/00 C12M1/06 C12M1/12 C12M1/34 C12M3/00 F21K2/00 F21K9/232 F21K9/235 F21K9/60 F21K9/65 F21K99/00 F21L13/00 F21L14/00 F21L4/00 F21L4/02 F21L4/08 F21S10/00 F21S10/02 F21S10/06 F21S2/00 F21S4/00 F21S4/28 F21S6/00 F21S8/00 F21S8/08 F21S9/02 F21V1/00 F21V1/10 F21V11/00 F21V13/00 F21V13/02 F21V14/00 F21V14/02 F21V14/06 F21V14/08 F21V15/01 F21V17/00 F21V17/02 F21V19/00 F21V19/02 F21V21/00 F21V21/005 F21V21/08 F21V21/092 F21V21/14 F21V21/22 F21V21/26 F21V21/30 F21V23/00 F21V23/02 F21V23/04 F21V23/06 F21V25/02 F21V29/00 F21V29/502 F21V29/70 F21V3/00 F21V3/02 F21V31/00 F21V33/00 F21V5/00 F21V5/04 F21V7/00 F21V7/04 F21V8/00 F21V9/00 F21V9/16 G01J5/00 G01S3/786 G02B27/22 G02F1/13 G02F1/1335 G02F1/13357 G03B1/00 G03B15/03 G03B19/18 G03B21/00 G03B21/14 G03B21/20 G03B23/00 G03B29/00 G03B3/00 G03H1/22 G04B19/04 G04B19/30 G04B37/12 G04B47/00 G04C10/00 G04C19/00 G04G99/00 G06F1/26 G06K9/00 G06T7/00 G06T7/20 G06T7/70 G08B13/24 G09F13/18 G09F13/22 G09F23/00 G09F23/04 G09F9/33 G09G3/30 G09G3/32 H01L21/00 H01L21/68 H01R11/00 H01R13/66 H01R25/00 H01R27/00 H01R3/00 H01R33/00 H01R33/009 H01R39/00 H02G3/14 H02J4/00 H02J7/00 H02J7/02 H02M1/00 H04N1/21 H04N5/225 H04N5/232 H04N5/235 H04N5/247 H04N5/33 H04N5/76 H04N5/77 H04N7/18 H04N9/31 H05B33/08 H05B37/02 H05B41/30 (Advanced/Invention); B60R13/02 F21S2/00 F21V1/10 F21V21/22 F21V21/29 F21V21/30 F21V23/04 F21V23/06 F21V33/00 F21V8/00 F21V9/08 F21W121/00 F21W131/30 F21Y101/00 F21Y101/02 F21Y115/10 F21Y2115/10 F21Y2115/30 G02B5/32 G03B21/14 G09F13/22 H01H9/18 H01J7/44 H01R103/00 H01R13/713 H01R24/76 (Advanced/Non–invention); A42B1/00 A43B3/00 A45C15/00 B60Q3/00 B60R11/00 B60R13/00 F21L4/00 F21S4/00 F21V1/00 F21V17/00 F21V21/00 F21V21/005 F21V21/08 F21V21/14 F21V23/00 F21V23/04 F21V3/00 F21V33/00 G03B21/00 G03B21/14 G09F13/22 H01R3/00 H01R33/00 H05B37/02 (Core/Invention); B60R13/02 G02B5/32 (Core/Non–invention)

International class (IPC 1–7): F21V21/00 F21V21/08 F21V9/16 G01D11/28 G02B6/04 H01J1/62 H01R11/00

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Abstract:
Source: US2003231485A A tubular Electro−Luminescent panel(s) light device offer a desired bending directions with super brightness basing on certain width of panel incorporated proper invertor system. The said panel(s) with much narrow width than tube means to allow the panel(s) can be bend at any direction and angle within the tube means to offer a desired light effects. The said panel(s) can be flat or twisted within the tube means which may have the desired colored, transparency, wall thickness, diameter, shape, length for requirement. The said device may incorporated with non−elastic means, magnetic means, tube holder, sensor means, Integrated circuit to add a lot of desired variety features.

0) US2006089609A – DEVICES AND METHODS FOR TISSUE MODIFICATION

4) Family number: 32202464 (US2006089609A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE MODIFICATION

Priority:

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EP20100075066 20071207 JP20070536970 20051015 US20040622865P 20041028
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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 YU ZA ZM ZW

International class(IPC 8–9)**:** A61B1/00 A61B1/32 A61B10/00 A61B10/02 A61B17/00 A61B17/02 A61B17/14 A61B17/16 A61B17/17 A61B17/22 A61B17/26 A61B17/29 A61B17/32 A61B17/3205 A61B17/3207 A61B17/34 A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/82 A61B17/88 A61B17/90 A61B18/14 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/02 A61F11/00 A61F2/00 A61F2/30 A61F2/44 A61F2/46 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M25/09 A61M29/00 A61M5/32 A61N1/00 A61N1/05 A61N1/08 (Advanced/Invention); A61B1/313 A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/14 A61B17/16 A61B17/22 A61B17/295 A61B17/32 A61B17/34 A61B17/84 A61B17/88 A61B18/00 A61B18/02 A61B18/08 A61B18/14 A61B18/18 A61B18/20 A61B5/00 A61B5/0488 A61B5/107 A61B5/11 A61F2/00 A61N1/05 A61N1/36 A61N7/02 (Advanced/Non–invention); A61B1/32 A61B10/00 A61B17/00 A61B17/14 A61B17/16 A61B17/22 A61B17/24 A61B17/32 A61B17/56 A61B17/58 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/00 A61F2/44 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M5/32 A61N1/00 A61N1/05 (Core/Invention)

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Abstract:
Source: US2006089609A Methods and apparatus are provided for selective surgical removal of tissue. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. The sharp tip of the needle in the epidural space, can be converted to a blunt tipped instrument for further safe advancement. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. A nerve stimulator may be provided to reduce a risk of inadvertent neural abrasion.

5) Family number: 43773404 (WO11012891A2) © PatBase

Title: POWER CONNECTOR SYSTEM

Priority:

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Assignee(s): OTTER CONTROLS LIMITED ; AOTAI TEMPERATURE CONTROLLER SHENZHEN CO ; AOTAI TEMPARATURE CONTROLLER SHENZHEN CO ; OTTER CONTROLS SHENZHEN LIMITED ; OTTER CONTROLS SHENZHEN CO

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Agent(s): CROSS JAMES PETER ARCHIBALD; PATENT CORPORATE BODY ARCO PATENT OFFICE; CROSS JAMES; RGC JENKINS AND CO

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

International class (IPC 8–9): A47J19/00 A47J27/00 A47J27/21 A47J27/56 A47J31/00 A47J31/06 A47J31/44 A47J31/46 A47J31/54 A47J31/56 A47J31/58 A47J36/00 A47J36/14 A47J36/24 A47J36/34 A47J36/42 A47J41/00 A47J43/04 A47J43/07 A47J44/02 B65D43/16 B65D47/06 B65D81/18 F16J15/00 F16J15/02 F16J15/06 F16J15/32 F16J15/3204 F16J15/3232 F16K1/14 F24H1/18 F24H9/00 F24H9/18 F24H9/20 G01F23/00 G01F23/26 G01F23/292 G02B7/20 H01H37/04 H01H37/52 H01H37/54 H01R13/00 H01R13/02 H01R13/40 H01R13/405 H01R13/42 H01R13/46 H01R13/502 H01R13/52 H01R13/631 H01R13/635 H01R13/639 H01R13/648 H01R13/70 H01R13/717 H01R24/00 H01R24/38 H01R24/58 H01R33/00 H01R33/72 H01R33/74 H01R33/94 H01R33/96 H01R33/965 H01R4/48 H05B1/00 H05B1/02 H05B3/04 H05B3/08 (Advanced/Invention); A47J27/21 H01R107/00 (Advanced/Non–invention); H01R13/00 (Core/Invention)

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Abstract:
A power connector comprises a central terminal and at least three peripheral terminals distributed around the central terminal, the peripheral terminals being substantially equally spaced from the central terminal. This configuration may allow a smaller footprint for such a connector, thus enabling better sealing, lower cost and/or greater flexibility of application, while avoiding safety problems such as tracking.

6) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Priority:

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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 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 YU

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2007074720A – ENDOTRACHEAL INTUBATION DEVICE

7) Family number: 34354028 (US2007074720A) © PatBase

Title: ENDOTRACHEAL INTUBATION DEVICE

Priority: US20050230392 20050920 US20060514486 20060901 WO2006US35249 20060911 US20080148050 20080416 US20080148033 20080416 US20090653917 20091221 WO2007US18740 20070824

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: CENTURION MEDICAL PRODUCTS CORP

Assignee(s):(std)**:** AI MEDICAL DEVICES ; AI MEDICAL DEVICES INC ; AL MEDICAL DEVICES INC ; SCHWARTZ JOHN ; SCHWARTZ RICHARD

Assignee(s): RICHARD SCHWARTZ ; JOHN SCHWARTZ ; CENTURION MEDICAL PRODUCTS CORP

Inventor(s):(std)**:** JOHN SCHWARTZ ; RICHARD SCHWARTZ ; SCHWARTZ JOHN ; SCHWARTZ RICHARD

Agent(s): PHILLIPS ORMONDE FITZPATRICK; MACRAE AND CO; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; IAN C MCLEOD MCLEOD AND MOYNE PC; IAN C MCLEOD IAN C MCLEOD PC; MCLEOD IAN C; IAN C

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

International class (IPC 8–9): A61B1/00 A61B1/005 A61B1/04 A61B1/267 A61F11/00 A61M11/00 A61M16/00 A61M16/04 (Advanced/Invention); A61B1/267 A61B1/273 (Advanced/Non–invention); A61B1/00 A61B1/005 A61B1/04 A61B1/267 A61F11/00 A61M11/00 A61M16/00 A61M16/04 (Core/Invention); A61B1/267 A61B1/273 (Core/Non–invention)

International class (IPC 1–7): A61F11/00

CPC: A61B1/00032 A61M16/0418 A61M16/0434 A61M2205/0266 A61B1/267 A61M16/0488

European class: A61B1/267 A61M16/04M K61M16/04 K61M16/04A6 K61M16/04B K61M16/04M K61M205/02S

US class: 128/200.26 128/207.14 128/207.15 128/207.16 600/120 600/120P 600/131 600/131S 600/139 600/139P 600/141 600/143 600/146 600/149

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Abstract:
Source: US2007074720A An endotracheal intubation device having a curvable portion and internal optics or a viewing device which facilitate the insertion of an endotracheal tube into a patient. The device has a handle and a trigger. When the trigger is squeezed the curvable portion curves in a controlled manner from a fully straight configuration.

0) US2003085621A – POWER SUPPLY METHODS AND CONFIGURATIONS

8) Family number: 29782394 (US2003085621A) © PatBase

Title: POWER SUPPLY METHODS AND CONFIGURATIONS

Priority:

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US19970051035P 19970627 US19970055883P 19970815 US19970065773P 19971117
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: LIFESTYLE TECHNOLOGIES

Assignee(s):(std)**:** PATRICK H POTEGA ; PATRICK POTEGA ; POTEGA PATRICK ; POTEGA PATRICK H ; POTEGA PATRICK HENRY ; LIFESTYLE TECHNOLOGIES

Assignee(s): LIFESTYLE TECHNOLOGIES INC

Inventor(s):(std)**:** POTEGA PATRICK ; POTEGA PATRICK H ; POTEGA PATRICK HENRY ; PATRICK POTEGA ; PATRICK H POTEGA

Agent(s): MARKS AND CLERK; PATRICK H POTEGA

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX 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

International class (IPC 8–9): G01K1/02 G01K1/14 G01K7/16 G01K7/22 G01R31/36 G01R31/40 G05D11/00 G05F1/565 G06F1/18 G06F1/26 H01C7/02 H01C7/04 H01M10/42 H01M10/48 H01R13/703 H01R24/58 H01R29/00 H01R9/05 H02J/00 H02J7/00 H02J7/34 H02J9/06 (Advanced/Invention); C07D207/325 G01R31/40 H01M10/42 (Advanced/Non–invention); G01K1/00 G01K1/14 G01K7/16 G01R31/36 G05D11/00 G06F1/26 H01C7/02 H01C7/04 H01M10/42 H01R13/70 H01R29/00 H02J5/00 H02J7/00 H02J9/06 (Core/Invention); G01R31/40 (Core/Non–invention)

International class (IPC 1–7): G01K1/00 G01K1/02 G01R1/00 G05F1/565 G06F1/18 H01C3/04 H01H47/00 H01M10/48 H01M10/50 H01R H01R13/703 H01R24/00 H01R27/00 H01R29/00 H01R9/05 H02J1/10 H02J7/00 H02J7/34 H02J9/00

CPC: H01R13/703 H01R13/7033 H01R29/00 H01R24/58 H01R2103/00 G06F1/1632 G06F1/3203 H02J7/0003 B60L11/1864 B60L11/1872 B60L2240/545 B60L2240/547 B60L2240/549 G01K1/02 G01K7/223 G01R31/40 H01M10/486 B60L2200/26 B60L11/1866 B60L11/185 B60L11/1861 G01R31/36 G01R31/362 G01R31/3648 G06F1/26 G06F1/263 H02J7/0004 H02J7/0008 H02J7/0068 H02J9/061 Y02T10/7005 Y02T10/7044 Y02T10/7061 Y02T90/128 Y02T90/14 Y02T90/16 Y02T90/121 Y10T307/305 Y10T307/904 Y02T10/7072 G01K7/22 H01M10/425 H01M10/443 G01K1/143

European class: B60L11/18L7J12 B60L11/18M28 B60L11/18M30 B60L11/18M30B B60L11/18M34B G01K1/02 G01K7/22B G01R31/36 G01R31/36M3 G01R31/36N2 G01R31/36V1 G01R31/36V1C1 G06F1/16P6 G06F1/26 G06F1/26B G06F1/32P H01M10/42S2 H01M10/48D H01R13/703B4 H01R24/58 H01R29/00 H02J7/00B H02J7/00B1 H02J7/00B2A H02J7/00L H02J9/06B L60L200/26 L60L240/545 L60L240/547 L60L240/549 S01R31/40 T01R103/00 T01R13/703 Y02E60/12 Y02T10/70B Y02T10/70H2 Y02T10/70H6B Y02T10/70J4 Y02T90/12L Y02T90/14 Y02T90/16

US class: 307/132.00M 307/132M 307/149 307/18 307/18P 320/134 324/104 324/426 327/100 327/512 338/22.00R 338/22R 340/12.32 340/310.01 340/310.11 374/141 374/163 374/185 374/208 374/E01.002 374/E07.029 374/E1.002 374/E10.02 374/E10.02S 374/E7.029 374/E70.29 374/E70.29S 429/90 439/218 439/218P 439/578 439/578P 439/578S 439/668 439/669 439/676 439/676P 700/297 702/66 713/300 713/300P 713/340

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Abstract:
Source: US2003085621A A power supply detects power requirements of an electrical device and configures itself to provide the correct power to the device. By using a connector that isolates the device from its battery, the power supply can provide power to the device, recharge the battery, recharge the battery while at the same time providing power to the device, or provide power to the device while preventing the battery from being recharged. A switch used with the connector creates various circuits and is controllable by the power supply, the electrical device, by signals from the electrical device, or by a third device. The power supply may provide power to a plurality of devices and may be used with other power supplies to form a power grid. A master control unit receives inputs from each of the power supplies and controls the delivery and supply of power being the power supplies.

0) US2007028780A – COOKING DEVICE TO DEEP FAT FRY FOODS

9) Family number: 34194809 (US2007028780A) © PatBase

Title: COOKING DEVICE TO DEEP FAT FRY FOODS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Agent(s): KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; KRAMER – BARSKE – SCHMIDTCHEN; KRAMER BARSKE SCHMIDTCHEN; Kramer – Barske – Schmidtchen; KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; TUCKER ELLIS AND WEST LLP; TUCKER ELLIS LLP; MIZER SUSAN L; GARRED JOHN X; MICHAEL E HUDZINSKI

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

International class (IPC 8–9): A23L1/00 A23L1/01 A23L1/315 A23L13/50 A23L5/10 A47J27/00 A47J27/04 A47J36/00 A47J37/00 A47J37/07 A47J37/12 A47J43/18 (Advanced/Invention);
A23L1/00 A47J45/06 (Advanced/Non–invention);
A23L1/00 A47J37/00 A47J37/12 (Core/Invention);
A23L1/00 (Core/Non–invention)

CPC: A47J36/10 A47J37/1261 A47J37/1266 A47J37/129 A47J43/18 A23L5/11 A23L13/57 A47J37/1209 A47J37/1219

European class: A23L1/01B A47J36/10 A47J37/12A1 A47J37/12C A47J37/12H2 A47J37/12K A47J37/12M3

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Abstract:
Source: US2007028780A A cooking device include an outer housing and a cooking cavity disposed within and separate from the outer housing. The cooking cavity accommodates a volume of cooking liquid therein. The device includes a heater positioned adjacent the cooking cavity to heat the cooking liquid. A lid is movably attached to the device and is used to form a seal with the cooking cavity. The lid includes a transparent portion positioned along a top surface to enable viewing inside of the cooking cavity. A controller can be used to heat the cooking fluid for an amount of time designated by user input. A moving mechanism can be used to move a food article into and out of the cooking liquid. The moving mechanism can be automated. The device can include a drainage system for removing the cooking liquid.

0) US2006089633A – DEVICES AND METHODS FOR TISSUE ACCESS

10) Family number: 41695460 (US2006089633A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE ACCESS

Priority:

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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 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

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A61B17/32 A61B17/56 A61B17/70 A61F2/46 A61M25/09 A61M29/00 (Core/Non-invention)

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Abstract:
Source: US2006089633A Methods and apparatus are provided for selective surgical removal of tissue, e.g., for enlargement of diseased spinal structures, such as impinged lateral recesses and pathologically narrowed neural foramen. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. Once the sharp tip of the needle is in the epidural space, it is converted to a blunt tipped instrument for further safe advancement. A specially designed epidural catheter that is used to cover the previously sharp needle tip may also contain a fiberoptic cable. Further embodiments of the current invention include a double barreled epidural needle or other means for placement of a working channel for the placement of tools within the epidural space, beside the epidural instrument. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. In one variation, a tissue abrasion device is provided including a thin belt or ribbon with an abrasive cutting surface. The device may be placed through the neural foramina of the spine and around the anterior border of a facet joint. Once properly positioned, a medical practitioner may enlarge the lateral recess and neural foramina via frictional abrasion, i.e., by sliding the abrasive surface of the ribbon across impinging tissues. A nerve stimulator optionally may be provided to reduce a risk of inadvertent neural abrasion. Additionally, safe epidural placement of the working barrier and epidural tissue modification tools may be further improved with the use of electrical nerve stimulation capabilities within the invention that, when combined with neural stimulation monitors, provide neural localization capabilities to the surgeon. The device optionally may be placed within a protective sheath that exposes the abrasive surface of the ribbon only in the area where tissue removal is desired. Furthermore, an endoscope may be incorporated into the device in order to monitor safe tissue removal. Finally, tissue remodeling within the epidural space may be ensured through the placement of compression dressings against remodeled tissue surfaces, or through the placement of tissue retention straps, belts or cables that are wrapped around and pull under tension aspects of the impinging soft tissue and bone in the posterior spinal canal.

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Title: BIOLOGICALLY FIT WEARABLE ELECTRONICS APPARATUS AND METHODS

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Inventor(s): ABREU MARCIO ; ABREU MARCIO MARC NORTH HAVEN

Agent(s): FB RICE; FB RICE PTY LTD; MOFFAT AND CO; PFENNING MEINIG AND PARTNER MBB PATENTANWAELTE; PFENNING MEINIG AND PARTNER GBR; PFENNING MEINIG AND PARTNER MBB; INO SARI; KUMAKURA YOSHIO; MURAKOSO HIROO; MATSUSHITA MITSURU; KURASAWA ICHIRO; DESHIMARU TAKESHI; JACOBSON HOLMAN PLLC; STUDEBAKER AND BRACKETT PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT 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 MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41D1/00 B65H75/48 G02B27/01 G02B27/02 G02C1/00 G02C1/06 G02C11/00 G02C11/06 G02C3/00 G02C5/14 G02C7/08 G06F1/16 G06F3/01 G06F3/041 G06F3/16 H02G11/02 H04B1/38 H04H20/88 H04H5/00 H04M1/02 H04M1/03 H04M1/05 H04N5/225 H04N5/64 H04N7/18 H04R1/00 H04R1/02 H04R1/10 H04R25/00 H04W88/00 (Advanced/Invention); A41D1/00 G02C11/00 G02C7/02 H04R1/10 H04R5/033 H04W84/18 (Advanced/Non–invention); G02C1/00 G02C11/00 G02C5/14 G02C7/02 G06F1/16 H04B1/38 H04H5/00 H04M1/04

H04R1/10 H04R25/00 (Core/Invention); A41D1/00 (Core/Non–invention)

International class (IPC 1–7): G02C7/08

CPC: G02C5/14 A41D1/002 G06F1/20 G06F2200/201 H04R2420/07 G06F1/163 H04M1/05 H04R2201/023 H04R1/028 H04R1/1066 H04R5/0335 H04R1/1033 G02B27/017 G02B2027/0138 G02B2027/0178 H04R1/105 H04R1/1016 H04N7/185 G02C3/003 G02C11/06 G02C11/10 G02C5/143 G06F3/0414 G06F3/016 G06F3/167

European class: G02C11/00 G02C11/06 G02C3/00B G06F1/16P5 G06F1/20 H04M1/05 H04R1/10M2 K41D1/00B S06F200/201 T04R1/10B T04R1/10E T04R201/023 T04R420/07 T04R5/033H

US class: 1/1 2/69 2/69P 242/378.1 348/158 351/111 351/158 351/158P 351/159.75 351/177 351/74 381/381 381/381P 381/384 381/384P 381/394 381/74 381/74P 455/41.2 455/41.200P

Classification Explorer

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Abstract:
Source: US2007248238A Detachable wearable electronic eyeglasses and head mounted gear with a plurality of electronic functions and interchangeable electronic function, and a wearable computer with optimal weight distribution and stretchable arms.

0) US2005216302A – BUSINESS METHOD FOR PREMISES MANAGEMENT

12) Family number: 32273667 (US2005216302A) © PatBase

Title: BUSINESS METHOD FOR PREMISES MANAGEMENT

Priority:

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Family:

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Assignee(s): SILICON VALLEY BANK ; ICN ACQUISITION LLC ; ICORTROL NETWORKS INC

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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 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 YU ZA ZM ZW

International class (IPC 8–9): B60L11/18 B63H25/02 B64C39/02 G01C21/00 G01C21/16 G01C21/20 G01S19/42 G05B11/01 G05B15/02 G05D1/00 G05D1/02 G05D1/10 G05D23/19 G06F1/26 G06F1/32 G06F11/07 G06F13/00 G06F15/16 G06F15/167 G06F15/173 G06F15/177 G06F17/00 G06F17/30 G06F21/00 G06F21/20 G06F3/00 G06F3/01 G06F3/041 G06F3/048 G06F3/0481 G06F3/0482 G06F3/0484 G06F3/0486 G06F3/0487 G06F3/0488 G06F3/14 G06F9/00 G06F9/54 G06N5/02 G06Q30/02 G06Q30/06 G06Q50/00 G06Q50/06 G06Q50/08 G06Q50/12 G06Q50/16 G06Q50/26 G06T5/00 G07C5/00 G08B1/08 G08B13/00 G08B13/04 G08B13/08 G08B13/196 G08B13/22 G08B17/10 G08B19/00 G08B23/00 G08B25/00 G08B25/08 G08B25/10 G08B25/14 G08B29/00 G08B29/02 G08B29/12 G08B29/18 G08B5/00 G08C17/02 H02J9/00 H04B7/14 H04L12/24 H04L12/26 H04L12/28 H04L12/56 H04L12/64 H04L12/66 H04L12/947 H04L29/06 H04L29/08 H04L29/12 H04L29/14 H04L9/00 H04L9/32 H04M1/725 H04M11/04 H04M15/00 H04N5/232 H04N7/12 H04N7/16 H04N7/167 H04N7/18 H04W4/00 H04W4/12 H04W76/02 H04W8/00 H04W80/12 H04W88/02 (Advanced/Invention);
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G05D23/19 (Core/Non–invention);
G06F (Subclass/Invention)

International class (IPC 1–7): G06F17/60 G06T5/00 H04L12/28

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European class: G05B11/01 G05B15/02 G06F17/30E G06F17/30N G06F17/30W3 G06F17/30W7 G06F3/0481H G06F3/0488 G06Q30/00 G06Q30/02 G06Q30/0601 G06Q50/06 G06Q50/08 G06Q50/12 G06Q50/16 G06Q50/163 G06Q50/26 G08B13/08 G08B13/196N1 G08B25/00F G08B25/00P G08B25/00S G08B25/08 G08B25/14 H04L12/24C2 H04L12/24D H04L12/28H H04L12/28H2A H04L12/28H2C H04L12/28H3A H04L12/28H3B H04L12/28H4A H04L12/28H5B H04L12/28H5C H04L12/66 H04L29/08N1 H04L29/08N11M H04L29/08N1A H04L29/08N25 H04L29/08N27 H04L29/08N27I H04L29/12A1A H04L41/12 H04L43/08D H04L61/10A H04M1/725F1B H04M11/04 H04N21/2187 H04N21/4367 H04N21/462 H04N7/18C T04L12/24A2 T04L12/24A7 T04L12/24C2 T04L12/24E T04L12/24E1A T04L12/24E6B T04L12/24F3 T04L12/24G T04L12/28H10A T04L12/28H10B T04L12/28H11B T04L12/28H3A T04L29/08N15 T04L29/08N35 T04L29/12A2C T04L29/12A2H T04L29/12A3E T04L29/12A4A8D T04L29/12A4A8F T04L41/02B T04L41/02G1 T04L41/08 T04L41/08A1 T04L41/08D2 T04L41/12 T04L41/22 T04L41/28 T04L43/10 T04L61/15C T04L61/15H T04L61/20E T04L61/25A8D T04L61/25A8F T04L63/02 T04L63/02E T04L63/04B T04L63/04B4 T04L63/16D T04M1/725F1E T04M1/725F1G T04M1/725F1W T04M11/02 T04M250/22

US class: 1/1 307/66 340/12.5 340/506 340/507 340/514 340/514P 340/526 340/526P 340/531 340/539.1 340/539.100P 340/539.11 340/539.110P 340/539.14 340/539.17 340/540 340/540S 340/541 340/541S 340/545.6 340/691.6 340/691.600P 340/693.2 345/173 345/173S 348/143 348/143P 348/143S 348/E5.022 348/E50.22S 348/E7.085 348/E70.85S 370/254 370/255 370/328 370/338 370/351 370/351S 370/389 370/395.54 370/395.540P 370/401 370/401S 370/445 370/463 375/240.01 375/240.010S 375/E7.076 375/E70.76S 379/127.01 379/127.010P 380/205 380/205P 700/17 700/19 700/286 700/286S 700/300 700/300S 700/83 700/90 700/90S 705/1 705/26 705/26.1 705/26.100S 705/26S 705/314 705/314P 706/46 706/46S 706/47 706/47S 707/203 709/201 709/201S 709/202 709/203 709/203P 709/203S 709/217 709/217P 709/218 709/219 709/219P 709/220 709/220S 709/221 709/222 709/223 709/223P 709/224 709/224S 709/225 709/225S 709/226 709/226P 709/227 709/227P 709/227S 709/229 709/230 709/231 709/231P 709/232 709/238 709/238S 709/245 713/153 713/153P 715/702 715/702S 715/731 715/731S 715/734 715/734P 715/735 715/736 715/736P 715/736S 715/738 715/738P 715/764 715/764P 715/765 715/771 715/771P 715/771S 717/101 717/102 718/101 726/1 726/11 726/12 726/12P 726/12S 726/1P 726/1S 726/3 726/3S

Classification Explorer

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Abstract:
Source: US2005216302A Some embodiments of a method for premises management networking include monitoring premises management devices connected to a gateway at a premises; controlling premises management devices connected to the gateway at the premises; receiving, at the premises, an uplink–initiation signal associated with a network operations center server; and in response to the uplink–initiation signal, initiating, from the gateway at the premises, communications between the gateway and the network operations center server; and communicating, during the communications between the gateway and the network operations center server, information associated with the premises management devices.

13) Family number: 43347531 (US2009156926A) © PatBase

Title: INTEGRATED SYSTEM FOR INTRAVASCULAR PLACEMENT OF A CATHETER

Priority:

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Family:

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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 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

International class (IPC 8–9): A61B A61B10/02 A61B10/06 A61B17/34 A61B19/00 A61B19/08 A61B19/10 A61B34/00 A61B34/10 A61B34/20 A61B46/00 A61B46/10 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/042 A61B5/044 A61B5/0472 A61B5/0478 A61B5/0492 A61B5/05 A61B5/055 A61B5/06 A61B5/083 A61B6/00 A61B8/00 A61B8/08 A61B8/12 A61B8/13 A61B8/14 A61B90/00 A61B90/11 A61B90/40 A61B90/98 A61M25/00 A61M25/01 A61M25/06 A61M25/095 A61M37/00 A61M5/32 A61N1/00 (Advanced/Invention);
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A61B19/00 A61B5/00 A61B5/0402 A61B5/0408 A61B5/05 A61B5/055 A61B8/00 A61M25/00 A61M25/01 A61M5/32 (Core/Invention)

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US class: 1/1 128/849 128/849S 128/852 128/852S 600/374 600/374P 600/407 600/407S 600/409 600/409P 600/409S 600/422 600/423 600/424 600/424P 600/462 600/509 600/509P 600/509S 600/521 600/523 600/585 600/585S 604/158 604/272 604/272S 604/523 604/523P 604/528 604/528S 606/130 607/116 607/122

Classification Explorer

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Abstract:
Source: US2009156926A An integrated catheter placement system for accurately placing a catheter within a patient'vasculature is disclosed. In one embodiment, the integrated system comprises a system console, a tip location sensor for temporary placement on the patient's chest, and an ultrasound probe. The tip location sensor senses a magnetic field of a stylet disposed in a lumen of the catheter when the catheter is disposed in the vasculature. The ultrasound probe ultrasonically images a portion of the vasculature prior to intravascular introduction of the catheter. The ultrasound probe includes user input controls for controlling use of the ultrasound probe in an ultrasound mode and use of the tip location sensor in a tip location mode. In another embodiment, ECG signal−based catheter tip guidance is included in the integrated system to enable guidance of the catheter tip to a desired position with respect to a node of the patient's heart.

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Title: OBSTRUCTIVE SLEEP APNEA TREATMENT DEVICES, SYSTEMS AND METHODS

Priority:

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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

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0) US2002135374A – REPAIR DEVICE FOR DECORATIVE LIGHT SHUNT

15) Family number: 28304726 (US2002135374A) © PatBase

Title: REPAIR DEVICE FOR DECORATIVE LIGHT SHUNT

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Probable Assignee: ULTA LIT TREE CO

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Agent(s): MARKS AND CLERK; JENKENS AND GILCHRIST PC; STEPHEN G RUDISILL JENKENS AND GILCHRIST A PROFESSIONAL CORP; JENKENS AND GILCHRIST; NIXON PEABODY LLP

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

International class (IPC 8–9): F21S4/00 F21S9/04 F21V19/04 F21V21/00 F21V23/02 F21V23/06 F21W121/00 F21Y101/00 G01R29/12 G01R31/00 G01R31/08 H01K3/30 H01L41/113 H01R13/46 H01R33/00 H03J1/00 H03K3/02 H05B37/03 H05B39/00 H05B39/03 H05B39/04 H05B39/10 (Advanced/Invention);
F21S4/00 F21V15/00 F21V19/00 F21W121/00 F21Y101/00 G01R31/302 (Advanced/Non–invention);
F21S4/00 F21S9/00 F21V19/04 F21V23/02 G01R31/00 H05B37/00 H05B39/00 (Core/Invention);
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Abstract:
Source: US2002135374A A repair device for fixing a malfunctioning shunt across a failed filament in a light bulb in a group of series−connected miniature decorative bulbs includes a piezoelectric pulse generator producing one or more pulses of a magnitude greater than the standard AC power line voltage. A connector receives the pulses from the pulse generator and supplies them to the group of series−connected miniature decorative bulbs.

16) Family number: 50779933 (US2012065729A) © PatBase

Title: SYSTEMS AND METHODS FOR RAPIDLY DEPLOYING SURGICAL HEART VALVES

Priority: US20100381931P 20100910 US20110167639 20110623 US20130797591 20130312 US20130797572 20130312 US20140164764 20140127 US20150847190 20150908 WO2011US47625 20110812 WO2014US21800 20140307 WO2014US23585 20140311 US20160368335 20161202 US20160360483 20161123

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 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

International class (IPC 8–9): A61F2/04 A61F2/24 A61F2/76 A61F2/958 A61M25/10 A61M31/00 (Advanced/Invention)

CPC: A61F2/2403 A61F2/2427 A61F2/2415 A61F2/2412 A61F2/2418 A61F2220/0008 A61F2220/0016 A61F2220/0025 A61F2220/005 A61F2220/0075 A61F2220/0083 A61F2230/0067 A61F2250/0018 A61F2250/0039 A61F2250/0048 A61F2250/006 A61F2250/0026 A61F2250/0069 A61F2/2433 A61F2/2409

European class: A61F2/24D A61F2/24D6 A61F2/24H2B

US class: 1/1 623/2.11 623/2.110P 623/2.14 623/2.140S 623/2.17 623/2.18

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Abstract:
Source: US2012065729A A quick−connect heart valve prosthesis that can be quickly and easily implanted during a surgical procedure is provided. The heart valve includes a substantially non−expandable, non−compressible prosthetic valve and a plastically−expandable frame, thereby enabling attachment to the annulus without sutures. A small number of guide sutures may be provided for aortic valve orientation. The prosthetic valve may be a commercially available valve with a sewing ring with the frame attached thereto. The frame may expand from a conical deployment shape to a conical expanded shape, and may include web−like struts connected between axially−extending posts. A system and method for deployment includes an integrated handle shaft and balloon catheter. A valve holder is stored with the heart valve and the handle shaft easily attaches thereto to improve valve preparation steps.

0) US2005078274A – TETHERED ELECTRICAL COMPONENTS FOR EYEGLASSES

17) Family number: 31812560 (US2005078274A) © PatBase

Title: TETHERED ELECTRICAL COMPONENTS FOR EYEGLASSES

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: INGENIOSPEC LLC

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Assignee(s): SMART IGLASSES LLC ; PATENT VENTURE CAPITAL CO

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Agent(s): IPVENTURE INC

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 US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A42B1/24 A47F7/02 A61B5/02 A61B5/04 F21V33/00 G01C22/00 G01J1/00 G01J1/02 G01J1/42 G01J1/44 G01J3/44 G01N21/65 G01T1/16 G02C1/00 G02C11/00 G02C11/06 G02C5/00 G02C5/14 G02C7/10 G03C1/00 G06F15/16 G06F15/173 G06Q10/10 G08B5/36 H02J7/00 H04M1/00 H04M1/57 H04M1/66 H04M1/725 H04M3/00 H04M3/42 H04M3/436 H04Q7/20 H04R25/00 H04W4/00 H04W4/12 H04W4/14 H04W4/16 (Advanced/Invention);
A61B5/00 G02C11/00 G02C5/14 (Advanced/Non–invention);
A42B1/00 A47F7/02 A61B5/02 A61B5/04 G01C22/00 G01J1/00 G01J1/42 G01J1/44 G01J3/44 G01N21/63 G02C1/00 G02C11/00 G02C5/00 G03C1/00 G06F15/16 G08B5/22 H04M1/00 H04M3/00 H04M3/42 H04W4/16 (Core/Invention);
G02C5/14 (Core/Non–invention)

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CPC: A42B1/245 G01C22/006 H04L67/14 H04L67/18 H04L67/306 H04L29/12122 H04L29/12009 H04L29/1216 H04L61/00 H04L61/1547 H04L61/157 H04W4/02 H04M1/05 H04M1/6066 H04R17/00 H04R2420/07 H04M1/72597 H04M1/72552 G01J1/429 G01J1/44 G01J1/0238 G01J1/0271 G01J2001/0257 G02C5/143 G02C5/146 G02C5/001 A61B5/02433 A61B5/6803 A61B5/6816 A61B5/742 G02C11/10 G06Q10/10 H04W4/14 H04M3/4365 H04W4/12 A61B5/746 H04M3/436 H04M2201/60 H04M2203/2011 H04M2203/651 H04M2207/18 H04W4/16 G02C11/06 G02C2200/08 G02C2200/02 G02C5/14 H02J7/0052 H02J7/0045 F21V33/0004 F21W2111/10 F21Y2115/10 G02C11/00

European class: A42B1/24C G01C22/00P G02C11/00 G02C11/06 G02C11/10 G02C5/00A G02C5/14E G02C5/14F G06Q10/10 H04L29/08N13 H04L29/08N29U H04L29/12A H04L29/12A2D H04L29/12A2H H04L61/15D H04L61/15H H04M1/05 H04M1/60T2B2 H04M3/436 H04Q7/32 H04W2/08 H04W204/16 H04W4/02 H04W4/16 S02C200/08 T04L29/08N17 T04L29/12A T04L29/12A2 T04L61/00 T04M201/60 T04M203/20B T04M203/65A T04M207/18 T04R17/00 T04R420/07

US class: 1/1 2/422 2/422P 211/85.1 211/85.100S 250/200 250/206 250/239 250/372 340/572.1 340/600 351/116 351/116S 351/119 351/119S 351/121 351/122 351/156 351/158 351/158P 351/41 351/41P 377/19 377/19S 379/142.4 379/265.09 379/420.01 381/322 381/327 381/330 381/381 455/411 455/412.1 455/412.100P 455/412.2 455/413 455/414.1 455/414.4 455/415 455/417 455/418 455/435.3 455/445 455/445S 455/466 455/466P 455/466S 455/550.1 455/556.1 455/556.100 455/569.1 455/575.1 455/90.3 702/160 704/247 709/206 709/206P 709/247 709/247S

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Abstract:
Source: US2005078274A Tethered electrical components coupled to electrical components in or attached to a pair of eyeglasses are disclosed. The tethered electrical components can allow a user to communicate with a communication device in a wireless and hands−free manner. The tethered electrical components may also include and/or control one or more operation indicators to signal operational status of the electrical components. In addition, the tethered electrical components may also include and/or control one or more sensors to monitor and signal conditions of users of the tethered electrical components.

0) US2014112828A – HEMODIALYSIS SYSTEM

18) Family number: 52445321 (US2014112828A) © PatBase

Title: HEMODIALYSIS SYSTEM

Priority: AU20120258687 20120524 AU20160203424 20160525 US20110489464P 20110524 US20120122166 20120524 EP20120726672 20120524 JP20140512107T 20120524 WO2012US39369 20120524 US20150723221 20150527 US20130122166 20131125 US20150121980P 20150227 US20140003346P 20140527 WO2015US32702 20150527

Family:

Publication number	Publication date	Application number	Application date
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WO15183976 A8	20160211	WO2015US32702	20150527

Probable Assignee: DEKA PRODUCTS LP

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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 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

International class (IPC 8–9)**:** A61M1/10 A61M1/14 A61M1/16 A61M1/34 A61M1/36 A61M25/18 A61M39/02 A61M39/28 G06F1/16 G06F19/00 (Advanced/Invention); A61M1/16 (Advanced/Non–invention)

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Classification Explorer

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Abstract:
Source: US2014112828A A drain cassette for a dialysis unit has a fluid channel between venous and arterial connection ports, and a valve may controllably open and close fluid communication between a drain outlet port and the venous connection port or the arterial connection port. A blood circuit assembly and drain cassette may be removable from the dialysis unit, e.g., by hand and without the use of tools. A blood circuit assembly may include a single, unitary member that defines portions of a pair of blood pumps, control valves, channels to accurately position flexible tubing for an occluder, an air trap support, and/or other portions of the assembly. A blood circuit assembly engagement device may assist with retaining a blood circuit assembly on the dialysis unit, and/or with removal of the assembly. An actuator may operate a retainer element and an ejector element that interact with the assembly.

19) Family number: 33005577 (US2005085813A) © PatBase

Title: SYSTEM AND METHOD FOR STABILIZING OF INTERNAL STRUCTURES

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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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 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

International class (IPC 8–9): A61B17/56 A61B17/58 A61B17/60 A61B17/70 A61B17/86 A61B17/88 A61B5/103 A61F2/00 A61F2/30 A61F5/00 (Advanced/Invention);
A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/88 A61B5/103 A61F5/00 (Core/Invention)

International class (IPC 1–7): A61B17/58 A61B17/70 A61B17/88

CPC: A61B5/6878 A61B5/6882 Y10S606/914 A61B5/103 A61B5/107 A61B5/4504 A61B17/1604 A61B17/3417 A61B17/3421 A61B17/704 A61B17/7091 A61B17/1735 A61B17/864 A61B17/8875 A61B17/70 Y10T74/22 A61B17/320016 A61B2090/061 A61B2090/067 A61B17/7038 A61B17/1655 A61B17/1757 A61B17/3468 A61B17/7002 A61B17/7005 A61B17/701 A61B17/7011 A61B17/7032 A61B17/7037 A61B17/7082 A61B17/7085 A61B2017/320044

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Abstract:
Source: US2005085813A There is shown a system and method for reducing the difficulty in percutaneous placement of a spine stabilization brace by coupling the brace to a pedicle screw in a single assembly. The brace−screw assembly is delivered along with an anchor extension through a cannula for anchoring in the vertebrae pedicle. The anchor extension becomes a cannula for working on the brace from the exterior of the patient, as constructed with a slot opening along two sides. Once the screw portion of the brace−screw assembly is locked in place with respect to the first vertebra, the proximal end of the brace is below the skin line. The brace is then repositioned so that the proximal end leaves the cannula through one slot and is captured by a corresponding slot positioned in a second cannula coupled to a second anchor. Once captured, the proximal end of the brace is guided by the second cannula to a receptacle positioned in the second vertebra.

0) US2002103486A – POWER–ASSISTED LIPOSUCTION INSTRUMENT WITH CAUT...

20) Family number: 30047870 (US2002103486A) © PatBase

Title: Power–assisted liposuction instrument with cauterizing cannula assembly

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: ROCIN LABORATORIES INC

Assignee(s):(std)**:** CUCIN ROBERT L ; ROCIN LAB INC

Assignee(s): ROCIN LABORATORIES INC

Inventor(s):(std)**:** CUCIN ROBERT L

Inventor(s): CUCIN ROBERT

Agent(s): THOMAS J PERKOWSKI ESQ PC; THOMAS J PERKOWSKI ESQ PC SOUNDVIEW PLAZA; THOMAS J; PERKOWSKI ESQ PC THOMAS J

Designated states: DE DK FR GB IT NL SE

International class (IPC 8–9): A61B17/20 A61B17/32 A61B18/14 A61B18/18 A61M1/00 A61M27/00 (Advanced/Invention); A61M1/00 (Advanced/Non–invention); A61B17/32 A61M1/00 A61M27/00 (Core/Invention); A61M1/00 (Core/Non–invention)

International class (IPC 1–7): A61B17/00 A61B17/20 A61B18/18 A61M1/00

CPC: A61B2018/00464 A61B2217/005 Y10S604/902 A61B17/32002 A61M1/008 A61M2202/08 A61M2205/106

European class: A61B17/32E2 A61M1/00T K61B18/00F8A2 K61B217/00Q16 K61M1/00T K61M202/08 K61M205/10T

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Classification Explorer

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Abstract:
Source: US2002103486A A method and apparatus is disclosed for mechanically−assisted liposuction treatment. The apparatus includes a hand−holdable housing, an electro−cauterizing cannula assembly, and a reciprocation mechanism. The hand−holdable housing has a cavity adaptable for receipt of a portion of the electro−cauterizing cannula assembly. The electro−cauterizing cannula assembly includes an inner cannula and an outer cannula, each having a distal end and a proximal end and at least one aspiration aperture about the distal end. The inner cannula is disposed within the outer cannula and the inner and outer aspiration apertures are in at least partial registration to form an effective aspiration aperture. The reciprocation mechanism is disposed within the housing and is operably associated with either the inner or outer cannula so that one of the cannulas can be selectively caused to reciprocate relative to the housing while the other is stationarily disposed relative to the housing. As one of the cannulas is caused to reciprocate relative to the other the effective aspiration aperture formed through the distal end of the cannula assembly, is caused to undergo periodic displacement. During aspiration of tissue, high−voltage RF power signals are supplied to the inner and outer cannulas to effect hemostasis about the reciprocating aspiration aperture. Such hemostasis is achieved by causing protein molecules within aspirated tissue to coagulate in response to the high−voltage RF signals being supplied across the reciprocating cannulas. In the preferred embodiments, the amount and rate of such aspiration aperture displacement is controllably adjustable. The cannula assembly is releasably detachable from the hand−holdable housing to facilitate cleaning and sterilization of the cannula assembly and the housing.

21) Family number: 43835358 (US2009259107A) © PatBase

Title: METHODS AND DEVICES TO DECREASE TISSUE TRAUMA DURING SURGERY

Priority:
AU20090234286 20090413 AU20150202539 20150512 US20080127491P 20080514
US20080123806P 20080411 US20080044154P 20080411 US20080127575P 20080514
US20080131752P 20080612 US20090422584 20090413 US20100395915P 20100519
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WO2011US37191 20110519 WO2012US54442 20120910 US20150734661 20150609

Family:

Publication number	Publication date	Application number	Application date
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AU2009234286 BB	20150212	AU20090234286	20090413
AU2012304320 AA	20130314	AU20120304320	20120910
AU2012304320 BB	20160915	AU20120304320	20120910
AU2015202539 AA	20150528	AU20150202539	20150512
AU2015202539 BB	20170518	AU20150202539	20150512
CA2721075 AA	20101008	CA20092721075	20090413
CA2721075 C	20161213	CA20092721075	20090413
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WO13036921 A1	20130314	WO2012US54442	20120910
WO16200757 A1	20161215	WO2016US36130	20160607

Probable Assignee: PHYSCIENT INC

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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 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

International class (IPC 8–9): A61B1/32 A61B17/00 A61B17/02 A61B17/12 A61B17/34 A61B17/80 A61B5/00 A61B7/00 A61B90/00 A61F2/958 A61M25/10 A61M29/00 G01N3/00 (Advanced/Invention); A61B17/00 A61B19/00 (Advanced/Non–invention); A61B (Subclass/Invention)

International class (IPC 1–7): A61B17/02

CPC: A61B17/0218 A61B2017/0225 A61B2017/3488 A61M25/104 A61B2017/0262 A61B2017/00022 A61B2090/064 A61B2090/065 A61B90/11 A61B2090/08021 A61B17/3423 A61B17/8076 A61B2017/00893 A61B2017/3405 A61B2017/3427 A61B2090/0809 A61B5/0051 A61B5/442 A61B7/00 A61B17/02 A61B17/0206 A61B17/0293 A61B17/12136 A61B2017/00172 A61B2017/00181 A61B2017/00314 A61B2017/00323 A61B2017/00398 A61B2017/00539 A61B2017/00544 A61B2017/00557 A61B2017/00734 A61B2017/0256 A61B2562/0219 A61B5/7239 A61B17/025 A61B90/03

European class: A61B17/02 A61B17/02A A61B17/02R A61B17/12P7B A61B5/00M2 A61B5/44B2 A61B7/00 K61B17/00C4P2 K61B17/00C4P3 K61B17/00E3G4S K61B17/00E3G6C K61B17/00F4 K61B17/00N2 K61B17/00N4 K61B17/00N8 K61B17/00Q12 K61B17/02J K61B17/02J2 K61B19/30 K61B19/46H K61B19/46H2 K61B19/48H4 K61B562/02C

US class: 1/1 600/201 600/202 600/202P 600/206 600/206P 600/210 600/210S 600/211 600/217 600/217S 606/192

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Forward Citations: WO16200757, WO16164688, WO13104473, WO13064354, WO13036921, WO12040206, WO11146739, WO11094735, WO11094735, WO11069036, WO10088427, WO10088427, USD789530, US9808297, US9795370, US9795368, US9795367, US9784552, US9775657, US9757067, US9700292, US9675332, US9655505, US9649099, US9636098, US9615818, US9498346, US9486133, US9402610, US9386971, US9382801, US9351781, US9307971, US9265490, US9241619, US9204830, US9113853, US9089299, US9066701, US9049989, US9011325, US8974381, US8968406, US8945003, US8915845, US8900137, US8376937, US8062218, US2017035405, US2017007226, US2016166244, US2016058985, US2015088192, US2014330084, US2014259720, US2014052194, US2013158781, US2013137934, US2013123582, US2012265213, US2011190588, US2011184245, US2011172494, US2011137130, US2011098537, US2010262247, US2010222644, US2009287060, US2009271053, US2009054908, TWI504874, JP2015506228, EP2763593,

DE102011117413, DE102011050418, CN102630152, AU2011305639,

Abstract:
Source: US2009259107A Methods and devices are disclosed to reduce the tissue trauma that occurs when a physician retracts or otherwise deforms a patient's tissues for surgery or other medical procedures. In one part, methods and devices are disclosed for controlling the force and pace of retraction to reduce tissue trauma. In another part, methods and devices are disclosed for applying an oscillating load when opening. In another part, pads that cool the tissue around the incision are disclosed. In another part, pads that elute drugs into the tissues of the tissue margin are disclosed. In another part, methods and devices are disclosed that self−align components of the retractor and engage hard tissues directly to avoid soft tissue damage. In another part, pads that engage tissues to cushion, to sense tissue state, and to modulate tissue state are disclosed.

0) US6842987B – TRIGGER DEVICE FOR CHAIN BRAKE

22) Family number: 29611485 (US6842987B) © PatBase

Title: Trigger device for chain brake

Priority: SE19990004364 19991202 WO2000SE02276 20001120

Family:

Publication number	Publication date	Application number	Application date
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Inventor(s):(std)**:** BJOEHKMAN PETER ; BJOERKMAN PETER ; BJORKMAN PETER ; MARTINSSON PAER ; MARTINSSON PAR ; MARTINSSON PEHI ; MARTINSSON PER ; B ERKMAN PETER

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Agent(s): FETHERSTONHAUGH AND CO

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

International class (IPC 8–9): B27B17/00 B27B17/08 B27B17/10 B27B19/00 (Advanced/Invention); B27B17/00 (Advanced/Non–invention); B27B17/00 B27B19/00 (Core/Invention)

International class (IPC 1–7): B23D57/02 B27B17/00 B27B17/02 B27B17/10 B27B19/00 B27G19/00

CPC: B27B17/083

European class: B27B17/08B

US class: 30/381 30/382 303/820

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Forward Citations: WO14053469, WO12122136, WO12122136, USD577557, USD576005, USD574207, USD573860, USD558020, USD558019, US8973276, US7331111, US7316299, US7200941, US2015260241, US2015258703, US2015258658, US2014310965, US2009241353, US2008092399, US2007011889, US2007011888, EP2221155, CN103517788, CN103068537,

Abstract:
Source: US6842987B A brake triggering device with a pivotably mounted trigger arm (1) located in connection to a handheld working tool's, mainly a chain saw's (2), rear handle (3), with a throttle control (4) and a handle opening (5) located below the handle (3), so that the trigger arm (1), when the saw changes inclination in relation to the operator's forearm, e.g. at the event of kickback or fall, is actuated by the operator's hand or arm, whereby the trigger arm (1) via a transfer mechanism actuates a brake (9) so that this stops the movement of the saw chain. The pivot (10) of the trigger arm is located in connection to a front (11) or a bottom (12) side of the handle opening (5).

0) US2013345718A – SURGICAL ROBOT PLATFORM

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Title: SURGICAL ROBOT PLATFORM

Priority:

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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 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

International class(IPC 8–9)**:** A61B10/02 A61B17/00 A61B17/02 A61B17/16 A61B17/17 A61B17/34 A61B17/70 A61B17/88 A61B19/00 A61B34/00 A61B34/10 A61B34/20 A61B34/30 A61B34/32 A61B46/20 A61B5/00 A61B5/055 A61B5/06 A61B50/13 A61B6/00 A61B6/03 A61B90/00 A61B90/14 A61B90/90 A61B90/98 A61F2/46 A61M5/172 A61N1/05 B25J13/06 B25J3/00 B25J9/02 G01S5/16 G06T7/00 (Advanced/Invention); A61B10/02 A61B17/00 A61B17/16 A61B34/00 A61B34/10 A61B34/20 A61B34/32 A61B90/00 A61B90/14 (Advanced/Non–invention)

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Abstract:
Source: US2013345718A A medical robot system, including a robot coupled to an effectuator element with the robot configured for controlled movement and positioning. The system may include a transmitter configured to emit one or more signals, and the transmitter is coupled to an instrument coupled to the effectuator element. The system may further include a motor assembly coupled to the robot and a plurality of receivers configured to receive the one or more signals emitted by the transmitter. A control unit is coupled to the motor assembly and the plurality of receivers, and the control unit is configured to supply one or more instruction signals to the motor assembly. The instruction signals can be configured to cause the motor assembly to selectively move the effectuator element and is further configured to (i) calculate a position of the at least one transmitter by analysis of the signals received by the plurality of receivers; (ii) display the position of the at least one transmitter with respect to the body of the patient; and (iii) selectively control actuation of the motor assembly in response to the signals received by the plurality of receivers.

24) Family number: 29772984 (US2003216792A) © PatBase

Title: RENAL NERVE STIMULATION METHOD AND APPARATUS FOR TREATMENT OF PATIENTS

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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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/05 A61B10/00 A61B17/00 A61B17/12 A61B17/22 A61B17/34 A61B18/00 A61B18/02 A61B18/04 A61B18/08 A61B18/12 A61B18/14 A61B18/16 A61B18/18 A61B19/00 A61B5/00 A61B5/01 A61B5/0408 A61B5/042 A61B5/055 A61B8/06 A61B8/08 A61B8/12 A61F2/00 A61F2/958 A61F7/00 A61F7/10 A61F7/12 A61H1/00 A61K31/13 A61K31/135 A61K31/165 A61K31/195 A61K31/198 A61K31/40 A61K31/4168 A61K31/435 A61K31/445 A61K31/506 A61K31/519 A61K31/52 A61K31/529 A61K38/48 A61K45/00 A61K45/06 A61K49/00 A61K9/00 A61K9/22 A61K9/70 A61L15/58 A61L29/14 A61L31/00 A61M25/00 A61M25/01 A61M25/10 A61M29/00 A61M31/00 A61M37/00 A61M5/00 A61M5/14 A61M5/142 A61M5/145 A61M5/158 A61M5/172 A61M5/32 A61M5/44 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/06 A61N1/08 A61N1/10 A61N1/18 A61N1/20 A61N1/28 A61N1/30 A61N1/32 A61N1/36 A61N1/372 A61N1/375 A61N1/378 A61N1/39 A61N1/40 A61N5/00 A61N5/02 A61N5/04 A61N5/06 A61N7/00 A61N7/02 A61P25/00 A61P25/24 B60R25/00 B60R25/10 B60R25/24 E05B81/60 H03C3/09 H03M5/12 H04Q7/18 H04Q7/32 (Advanced/Invention);

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European class: A61B18/12G A61B18/14 A61B18/14V A61B18/14V4 A61F7/12B A61M25/10 A61M5/142P10 A61M5/172B A61N1/04E1E A61N1/05 A61N1/05L A61N1/05L8 A61N1/05N A61N1/28 A61N1/32 A61N1/32B A61N1/32P A61N1/32S A61N1/36 A61N1/36B A61N1/36E2 A61N1/36Z A61N1/36Z2 A61N1/36Z3J A61N1/40 A61N1/40T A61N5/04B A61N5/06C12 B60R25/10F B60R25/24 B60R25/40B H04Q7/18 H04Q7/32E K61B17/00C1T K61B17/22H2 K61B17/22H7C K61B18/00A2C K61B18/00B14 K61B18/00B16A K61B18/00F10 K61B18/00F10A K61B18/00F6C K61B18/00F7 K61B18/00G1 K61B18/00G6 K61B18/00H10A K61B18/00H12B K61B18/00H12R K61B18/12G K61B18/12G6 K61B18/14C12B K61B18/14C12C K61B18/14M K61B18/14V K61B18/18M K61B19/54 K61F7/00C2 K61F7/00E2 K61F7/10 K61F7/12D K61M210/10K2 K61M25/01C1 K61M5/172B K61M5/172B2 K61N1/05D K61N1/05K1 K61N1/05K1S K61N1/05L K61N1/05L8 K61N1/05N4 K61N1/20P K61N1/32D K61N1/32P K61N1/32S K61N1/36 K61N1/362C K61N1/36B K61N1/36E K61N1/36E2 K61N1/36E4 K61N1/36E6 K61N1/36Z K61N1/36Z2 K61N1/36Z3E1 K61N1/36Z3J K61N1/36Z3J1 K61N1/372A K61N5/06B K61N7/00 K61N7/00A10C K61N7/02 K61N7/02C

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Abstract:
Source: US2003216792A A method and apparatus for treatment of heart failure, hypertension and renal failure by stimulating the renal nerve. The goal of therapy is to reduce sympathetic activity of the renal nerve. Therapy is accomplished by at least partially blocking the nerve with drug infusion or electrostimulation. Apparatus can be permanently implanted or catheter based.

0) US2016061549A – TRIGGER ASSEMBLY OF A PRECISION GUIDED FIREARM ...

25) Family number: 61605014 (US2016061549A) © PatBase

Title: TRIGGER ASSEMBLY OF A PRECISION GUIDED FIREARM

Priority: US20140031952P 20140801 US20150815931 20150731

Family:

Publication number	Publication date	Application number	Application date
US2016061549 AA	20160303	US20150815931	20150731
WO16019305 A2	20160204	WO2015US43227	20150731
WO16019305 A3	20160616	WO2015US43227	20150731

Probable Assignee: TRACKINGPOINT INC

Assignee(s):(std)**:** TRACKINGPOINT INC

Assignee(s): COMERICA BANK

Inventor(s):(std)**:** ACHEE EHREN ; BAILEY HILLMAN ; BRASE KEVIN D ; DELZ MARK ; PATTERSON ROY ; SCHAUBLE JASON PETER

Agent(s): REED RONALD M

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 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

International class (IPC 8–9): F41A17/06 F41A19/10 F41A19/12 F41A19/14 F41G1/00 (Advanced/Invention)

CPC: F41A17/56 F41A19/58 F41G1/38 F41G1/00 F41A19/14 F41A19/12

US class: 42/69.01

Classification Explorer

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Forward Citations: US9541573, US2016061550,

Abstract:
Source: US2016061549A In certain embodiments, a trigger assembly including a bi−stable switch system configured to selectively engage a portion of the sear in a first state and to transition from the first state to a second state to selectively disengage the portion of the sear in response to an electrical signal.

26) Family number: 32089954 (US2004092892A) © PatBase

Title: APPARATUS AND METHODS FOR TREATMENT OF MORBID OBESITY

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: VALENTX INC

Assignee(s):(std)**:** BALDWIN THOMAS ; BALLIRO JAMES ; BUTTERS JOSH ; BUTTERS JOSHUA ; CARR LOCKE DAVID ; DANN MITCHELL ; FALLIN T W ; GUTERMAN LEE ; LEARY JAMES ; VALENTX INC ; KAGAN JONATHAN ; FLUET GREG ; IKRAMUDDIN SAYEED ; SWAIN PAUL ; THOMAS RICHARD ; HOFFMANN GERARD V ; FALLIN WADE ; FALLIN T WADE ; HOFFMANN GERARD VON ; VON HOFFMANN GERARD ; WILMORE MARY LYNN ; WILMORE MARY L ; WRIGHT JAMES

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Agent(s): HERNANDEZ YORCK DIPL ING; RAYNOR SIMON MARK; RATABOUL XAVIER ET AL; KNOBBE MARTENS OLSON AND BEAR LLP

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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/064 A61B17/08 A61B17/11 A61B17/12 A61F2/02 A61F2/04 A61F2/06 A61F5/00 A61M25/00 A61M31/00 A61M39/00 A61M5/00 G06F1/00 (Advanced/Invention); A61B17/06 A61B17/28 A61B17/29 A61F2/04 A61F2/06 (Advanced/Non–invention); A61F2/02 A61M31/00 A61M39/00 G06F1/00 (Core/Invention)

International class (IPC 1–7): A61B17/08 A61F2/04 A61F5/00 A61M25/00 A61M31/00 A61M5/00

CPC:

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US class: 1/1 128/898 128/898S 604/175 604/256 604/263 604/264 604/264P 604/27 604/270 604/270S 604/271 604/275 604/5 604/500 604/500P 604/500S 604/513 604/514 604/516 604/523 604/523S 604/524 604/525 604/526 604/8 604/8P 604/909 604/910 606/139 606/151 606/151P 606/153 606/157 606/157S 623/1.11 623/1.110P 623/11.11 623/11.110 623/23.65 623/23.650 623/23.650P

Classification Explorer

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Abstract:
Source: US2004092892A Apparatus and methods are described for treatment of morbid obesity using minimally invasive techniques. The apparatus includes a system of components that may be used separately or in combination for effectively reducing stomach volume, bypassing a portion of the stomach and/or small intestines, reducing nutrient absorption in the stomach and/or small intestines and/or depositing minimally or undigested food farther than normal into the intestines, thereby stimulating intestinal responses. The components described include an artificial stoma device, a gastric sleeve device, an intestinal sleeve device, a combined gastrointestinal sleeve device and permanent and detachable attachment systems. Also described are devices for delivering and deploying the components of the system.

- List: SS2 1−50 (TAC=(hook or carabiner or hanger or connector) and FT=(safe* and trigger and (((flexible w3 member) or cord or reinforcement or wire) W3 (inside or embedded)))) (Results 178)

0) US2002055076A – MULTI–MODE LIGHTER

1) Family number: 30109855 (US2002055076A) © PatBase

Title: MULTI–MODE LIGHTER

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: BIC CORP

Assignee(s):(std)**:** BIC CORP ; SGROI ANTHONY ; TUBBY BRIAN ; SGROI ANTHONY JR ; UKLEJA JEFF ; FRIGIERE RENE D ; ADAMS PAUL

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Inventor(s): SGROI ANTHONY JR WALLINGFORD ; JEFFERY F UKLEJA ; ADAMS PAUL FAIRBANKS FLOYD SGROI ANTHONY JR TUBBY BRIAN UKLEJA JEFFREY F ; SGROI ANTHONY ADAMS PAUL ; SGORI ; SGROI ; P ADAM F FAIRBANKS A SGROI ; JR ANTHONY ; JEFF UKLEJA ; FRIGIERE RENE ; ADAMS PAUL FAIRBANKS FLOYD SGROI ANTHONY JR ; ADAMS PAUL H ; ADAMS PAUL MONROE ; ADAMS PAUL UKELJA JEFF SGROI ANTHONY

Agent(s): PHILLIPS ORMONDE FITZPATRICK; OSLER HOSKIN AND HARCOURT LLP; MAIKOWSKI AND NINNEMANN PATENTANWAELTE; BURBAUD ERIC; CABINET PLASSERAUD; VEIGA MIKEL; JONES DAY

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

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CPC: F23Q2/287 F23Q2/164

European class: F23Q2/16D F23Q2/28C2

US class: 431/153 431/153P 431/153S 431/254 431/255 431/255P 431/255S 431/277 431/344 431/344S 431/345

Classification Explorer

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Forward Citations: WO07110701, WO07098095, WO07030529, WO07030529, WO05020725, WO05020725, WO04083727, WO02077524, USD686879, USD525484, USD522170, USD521181, US9734378, US9017066, US8575519, US7815432, US7748977, US7744368, US7682148, US7637736, US7625203, US7614874, US7387510, US7311518, US7147463, US7147463, US7075791, US7075791, US7070408, US6997702, US6984123, US6971870, US6945773, US6908302, US6726469, US2012270163, US2010273119, US2010190121, US2010099053, US2009091401, US2009068604, US2009061371, US2008241773, US2008220386, US2008220385, US2008057454, US2007160945, US2007160941, US2007001645, US2006281039, US2006281038, US2006099541, US2006073432, US2006023427, US2006008569, US2005227192, US2005188982, US2005084813, US2005053881, US2004202976, US2004166453, US2004081931, US2004023178, US2002106601, TWI414728, RU2569803, JP4733036, JP2007503569, JP2007064605, JP2007064604, EP2447165, EP2447164, EP2447163, EP2447162, EP2441681, EP2441680, EP1929207, EP1658463, EP1616130, EP1373798, CN103363544, CN103069218, CN103069218, AU2009251152, AU2004268557, AU2004221412, AU2004221412,

Abstract:
Source: US2002055076A The present invention relates to a lighter which a user actuates by at least two different modes of operation. In the first mode, a plunger member is positioned to allow a biasing member to oppose movement of an actuating assembly so that a user releases fuel and ignites the lighter only if a high–actuation–force is applied to the actuator. In this first mode, the lighter resists operation by unintended users by requiring a user to have a predetermined level of strength to actuate the lighter. In the second mode, the plunger member is moved to a different position so that the biasing member does not oppose movement of the actuating assembly to the same extent as the first mode so that a user may release fuel and ignite the lighter if a low–actuation–force is applied to the actuator. Moving the plunger member from the first position to the second position preferably requires the user to have a predetermined level of cognitive abilities and/or physical

characteristics in order to resist use by unintended users. The lighter further includes a pivotal wand assembly. The wand assembly is operatively associated with a cam follower to allow only partial depression of an actuator when the wand assembly is in a closed position. Full depression of the actuator increases difficulty when the wand assembly is partially or fully extended.

0) US2006265042A – DEVICES, SYSTEMS AND METHODS FOR RETRACTING, LI...

2) Family number: 33814190 (US2006265042A) © PatBase

Title: DEVICES, SYSTEMS AND METHODS FOR RETRACTING, LIFTING, COMPRESSING, SUPPORTING OR REPOSITIONING TISSUES OR ANATOMICAL STRUCTURES

Priority:

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WO14149820 A1	20140925	WO2014US21040	20140306

Probable Assignee: NEOTRACT INC

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Assignee(s): NEOTRACT INC PLEASANTON ; CAPITAL ROYALTY PARTNERS II LP ; CAPITAL ROYALTY PARTNERS II PARALLEL FUND A LP ; PARALLEL INVESTMENT OPPORTUNITIES PARTNERS II LP

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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/307 A61B1/313 A61B17/00 A61B17/02 A61B17/03 A61B17/04 A61B17/06 A61B17/062 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/128 A61B17/29 A61B17/32 A61B17/3205 A61B17/3209 A61B17/34 A61B17/42 A61B17/58 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61F2/04 A61F2/06 A61F2/26 A61F2/76 A61F2/78 A61F2/82 A61K31/137 A61K31/167 A61K31/4164 A61K31/445 A61K31/46 A61K31/728 A61K38/48 A61K39/08 A61M25/01 A61M25/06 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M5/14 A61M5/158 A61M5/178 A61P21/00 (Advanced/Invention);
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A61B17/00 (Core/Non–invention)

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US class: 1/1 128/898 128/898S 424/239.1 424/239.100S 424/423 424/423P 424/94.64 424/94.640S 424/94.67 424/94.670S 514/304 514/304S 514/330 514/330S 514/396 514/396S 514/54 514/54S 514/626 514/626S 514/646 514/646S 514/653 514/653S 600/104 600/104P 600/105 600/105S 600/29 600/29P 600/37 600/37P 600/37S 604/164.01 604/22 604/22P 604/22S 604/500 604/500S 604/502 604/502S 604/506 604/506P 604/506S 604/517 604/517S 606/110 606/115 606/115S 606/139 606/139P 606/141 606/141P 606/142 606/142P 606/142S 606/143 606/143P 606/144 606/144P 606/144S 606/145 606/146 606/151 606/151P 606/151S 606/153 606/167 606/167S 606/170 606/170S 606/191 606/191S 606/192 606/192S 606/194 606/194P 606/201 606/215 606/228 606/228S 606/232 606/232P 606/232S 606/33 606/33P 606/33S 606/46 606/46P 606/49 606/49S 607/3 607/3S 623/1.11 623/1.110P 623/23.66

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Abstract:
Source: US2006265042A Devices, systems and methods for retracting, lifting, compressing, supporting or repositioning tissues, organs, anatomical structures, grafts or other structures within the body of human or animal subjects for the purpose of treating diseases or disorders and/or for cosmetic or reconstructive purposes and/or for research and development purposes or other purposes.

0) US2003231485A – TUBULAR ELECTRO–LUMINESCENT PANEL(S) LIGHT DEVI...

3) Family number: 28290889 (US2003231485A) © PatBase

Title: TUBULAR ELECTRO–LUMINESCENT PANEL(S) LIGHT DEVICE

Priority:

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Family:

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Probable Assignee: TORMACH LLC

Assignee(s):(std)**:** CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; TORMACH LLC ; WALLAGE RAYMOND ROGER

Inventor(s):(std)**:** CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; WALLAGE RAYMOND ROGER

Inventor(s): CHIEN TSENG

Agent(s): BACON AND THOMAS PLLC; ROBERT

International class (IPC 8–9): A41D27/08 A41G1/00 A42B1/24 A43B3/00 A45C15/06 B60Q1/26 B60Q3/02 B60R11/00 B60R13/00 C10G1/00 C12M1/00 C12M1/06 C12M1/12 C12M1/34 C12M3/00 F21K2/00 F21K9/232 F21K9/235 F21K9/60 F21K9/65 F21K99/00 F21L13/00 F21L14/00 F21L4/00 F21L4/02 F21L4/08 F21S10/00 F21S10/02 F21S10/06 F21S2/00 F21S4/00 F21S4/28 F21S6/00 F21S8/00 F21S8/08 F21S9/02 F21V1/00 F21V1/10 F21V11/00 F21V13/00 F21V13/02 F21V14/00 F21V14/02 F21V14/06 F21V14/08 F21V15/01 F21V17/00 F21V17/02 F21V19/00 F21V19/02 F21V21/00 F21V21/005 F21V21/08 F21V21/092 F21V21/14 F21V21/22 F21V21/26 F21V21/30 F21V23/00 F21V23/02 F21V23/04 F21V23/06 F21V25/02 F21V29/00 F21V29/502 F21V29/70 F21V3/00 F21V3/02 F21V31/00 F21V33/00 F21V5/00 F21V5/04 F21V7/00 F21V7/04 F21V8/00 F21V9/00 F21V9/16 G01J5/00 G01S3/786 G02B27/22 G02F1/13 G02F1/1335 G02F1/13357 G03B1/00 G03B15/03 G03B19/18 G03B21/00 G03B21/14 G03B21/20 G03B23/00 G03B29/00 G03B3/00 G03H1/22 G04B19/04 G04B19/30 G04B37/12 G04B47/00 G04C10/00 G04C19/00 G04G99/00 G06F1/26 G06K9/00 G06T7/00 G06T7/20 G06T7/70 G08B13/24 G09F13/18 G09F13/22 G09F23/00 G09F23/04 G09F9/33 G09G3/30 G09G3/32 H01L21/00 H01L21/68 H01R11/00 H01R13/66 H01R25/00 H01R27/00 H01R3/00 H01R33/00 H01R33/009 H01R39/00 H02G3/14 H02J4/00 H02J7/00 H02J7/02 H02M1/00 H04N1/21 H04N5/225 H04N5/232 H04N5/235 H04N5/247 H04N5/33 H04N5/76 H04N5/77 H04N7/18 H04N9/31 H05B33/08 H05B37/02 H05B41/30 (Advanced/Invention); B60R13/02 F21S2/00 F21V1/10 F21V21/22 F21V21/29 F21V21/30 F21V23/04 F21V23/06 F21V33/00 F21V8/00 F21V9/08 F21W121/00 F21W131/30 F21Y101/00 F21Y101/02 F21Y115/10 F21Y2115/10 F21Y2115/30 G02B5/32 G03B21/14 G09F13/22 H01H9/18 H01J7/44 H01R103/00 H01R13/713 H01R24/76 (Advanced/Non–invention); A42B1/00 A43B3/00 A45C15/00 B60Q3/00 B60R11/00 B60R13/00 F21L4/00 F21S4/00 F21V1/00 F21V17/00 F21V21/00 F21V21/005 F21V21/08 F21V21/14 F21V23/00 F21V23/04 F21V3/00 F21V33/00 G03B21/00 G03B21/14 G09F13/22 H01R3/00 H01R33/00 H05B37/02 (Core/Invention); B60R13/02 G02B5/32 (Core/Non–invention)

International class (IPC 1–7): F21V21/00 F21V21/08 F21V9/16 G01D11/28 G02B6/04 H01J1/62 H01R11/00

CPC: A42B1/242 A41D27/085 A42B1/244 A43B1/0036 A43B3/0005 A45C15/06 B60Q1/26 F21S2/00 G09F13/22 H05B37/0245 F21V19/00 F21V19/0015 F21V19/003 G03B15/03 H05B37/0218 H05B37/0236 Y02B20/42 F21V33/006 G02B6/0021 G02B6/0045 G09F23/00 H01H2009/186 H02G3/14 A43D999/00 B60R11/00 B60R13/00 B60R2011/0063 B60R2013/0287 H04M1/05 H04M1/6058 F21S10/066 H05B33/0857 A43C9/02 F21V19/02 F21V1/00 F21V3/00 F21V23/045 F21V5/048 F21V7/0066 F21V29/70 G03B21/2086 Y10T307/406 H05B33/0842 F21S10/007 F21V14/003 F21V14/006 G06F1/266 H02J4/00 H02J7/0042 H02J7/007 F21S2/005 F21S8/038 F21L4/00 F21L2001/00 F21S4/10 F21S4/20 A43B3/001 G03B21/20 F21V3/026 F21V14/08 F21V23/023 F21V33/0048 H01R33/92 F21S6/003 H01R13/6675 F21V23/005 F21V21/092 G09F13/18 G09F2013/222 F21V15/01 F21V33/00 F21V33/0024 F21V33/0056 H01R13/6691 H01R13/713 H01R24/76 H01R25/006 H01R2103/00 F21V14/06 F21V33/004 H02J2007/0062 F21V13/02 H02J7/0045 H02J7/027 G01J5/0025 G03B21/006 G02B27/22 G03B35/24 F21V23/00 H05B33/08 F21S9/035 H02J7/00 H05B37/00 G02F1/1313 F21S6/004 H02J7/0027 H02J7/02 F21Y2113/002 F21S10/002 F21V21/29 F21V29/00 Y10S362/806 F21V17/002 F21K9/23 F21Y2107/40 F21V3/023 G03B21/142 G03B21/2046 G03B23/00 F21Y2115/30 F21Y2103/37 H01R33/09 A61L9/03 A61L2209/12 F21V33/0004 F21S10/00 F21V9/00 F21V9/12 F21Y2105/00 F21Y2111/00 H05B33/0803 F21S10/06 F21V1/10 G09F9/33 G09F19/12 G03B21/001 G03B21/26 G03B23/10 F21Y2113/13 H02J7/022 F21Y2103/33 F21S4/28 F21S10/02 G09F23/04 F21V23/003 H04N9/315 G01S3/7864 A41G1/005 G02B6/0008 G02B6/001 F21V23/0471 F21V23/02 F21Y2103/10 F21Y2103/00 H04N5/23206 G04B47/02 H04N5/332 H04N5/2354 H04N5/23241 H04N5/76 F21K9/13 F21S9/02 F21Y2101/02 G06T7/004 F21V3/02 F21V17/02 F21K9/235 F21V19/006 G03B21/2053 G03B21/2033 G03B21/206 G03B21/145 G03B21/208 F21V5/04 G04B19/30 B60Q3/78 F21W2131/109 F21Y2101/00 H04N5/2257 G03B29/00 F21V14/00 F21V5/00 F21V7/00 F21V11/00 H02J7/0047 H02J2007/0059 F21V29/502 H04N7/181 F21S6/002 F21S10/023 F21S10/063 H02J7/0052 C12M21/12 C10G1/00 C12M23/06 C12M23/46 C12M27/02 C12M27/20 C12M41/40 G08B13/19619 G08B13/19636 G08B13/19656 G08B13/19695 C10G32/00 H04N5/23296 H04N5/77 H04N1/212 C12P5/00 G06K9/20 H04N7/188 F21V33/0052 F21S9/022 H04N5/2252 H04N5/2256 H04N5/247 F21V14/02 F21S8/035 F21V9/08 F21V21/08 F21V21/14 F21V21/22 F21V21/30 F21V23/04 F21V23/0492 F21V23/06 F21W2121/00 G06T7/70 G06T2207/30232 H04N5/33 H04N7/183 Y10S362/80 F21V23/0407 F21V23/0464 Y02B10/30 F21K9/232 F21V23/0442 F21Y2115/10 F21K9/60 F21K9/238 F21K9/65 F21V11/08 F21V23/006 F21V29/20 F21W2131/30 F21Y2113/10 H01R33/06

European class: A41D27/08B A41G1/00B8 A42B1/24B A43B1/00C10 A43B3/00E A43B3/00E10 A43D999/00 A45C15/06 A61L9/03 B60Q1/26 B60Q3/02Q B60R11/00 B60R13/00 F21K9/00 F21K9/135 F21S10/00 F21S10/00A F21S2/00 F21S4/00E F21S4/00L F21S4/00L6 F21S8/03G1 F21S8/03T F21S9/02 F21S9/02E F21V14/02 F21V21/08 F21V21/14 F21V23/04 F21V29/00 F21V33/00A F21V9/00 F21V9/08 F21V9/12 G02B27/22 G02B6/00L4E G02B6/00L4L G02B6/00L6O4S G03B21/00 G03B21/20 G03B35/24 G09F13/22 G09F19/12 G09F23/00 G09F9/33 H01R13/66D10 H01R25/00D H01R33/06 H01R33/09 H02G3/14 H04M1/05 H04M1/60T2B H05B33/08D K61L209/120 L60R11/00R4A15 L60R13/02R R21S10/06 R21S2/00A R21S8/03G1 R21V1/10 R21V21/22 R21V21/29 R21V21/30 R21V23/04S R21V23/04S8 R21V33/00B R21V9/08 R21W121/00 R21W131/109 R21Y101/02 R21Y103/00 R21Y103/025 R21Y105/00 R21Y111/00 S02B6/00L6I4S4 T01H9/18E T01R103/00 T01R13/66D10 T01R13/713 T01R24/76 Y02B10/30

US class: 1/1 29/595 29/825 307/31 313/498 313/511 313/512 315/155 315/160 315/250 315/287 315/314 315/317 315/32 315/86 340/472 345/77 348/142 348/143 348/151 348/159 348/169 348/207.1 348/372 348/373 348/744 348/E5.024 348/E5.026 348/E5.043 348/E5.09 348/E7.085 348/E9.025 349/5 349/62 352/133 353/10 353/101 353/103 353/119 353/122 353/43 353/62 353/7 353/85 353/87 353/95 359/15 359/32 362/101 362/103 362/104 362/108 362/109 362/135 362/145 362/149 362/157 362/158 362/183 362/184 362/190 362/20 362/219 362/221 362/225 362/23 362/23.01 362/23.19 362/231 362/233 362/234 362/235 362/238 362/241 362/249 362/249.01 362/249.02 362/249.03 362/249.06 362/249.07 362/249.09 362/249.11 362/249.12 362/250 362/251 362/253 362/257 362/259 362/267 362/269 362/276 362/277 362/280 362/281 362/285 362/294 362/295 362/296.01 362/298 362/3 362/311 362/311.01 362/311.02 362/311.03 362/311.13 362/338 362/34 362/35 362/362 362/369 362/372 362/375 362/382 362/390 362/394 362/397 362/404 362/421 362/427 362/457 362/487 362/555 362/562 362/565 362/603 362/640 362/641 362/642 362/643 362/644 362/645 362/646 362/647 362/648 362/659 362/8 362/800 362/806 362/84 362/85 362/86 362/87 362/88 362/92 362/95 362/96 362/97.1 363/178 368/10 368/223 368/227 368/242 368/278 368/67 368/80 368/82 368/84 396/155 439/11 439/131 439/165 439/31 439/490 439/502 439/536 439/6 439/638 439/8 713/300

Classification Explorer

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Abstract:
Source: US2003231485A A tubular Electro−Luminescent panel(s) light device offer a desired bending directions with super brightness basing on certain width of panel incorporated proper invertor system. The said panel(s) with much narrow width than tube means to allow the panel(s) can be bend at any direction and angle within the tube means to offer a desired light effects. The said panel(s) can be flat or twisted within the tube means which may have the desired colored, transparency, wall thickness, diameter, shape, length for requirement. The said device may incorporated with non−elastic means, magnetic means, tube holder, sensor means, Integrated circuit to add a lot of desired variety features.

0) US2006089609A – DEVICES AND METHODS FOR TISSUE MODIFICATION

4) Family number: 32202464 (US2006089609A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE MODIFICATION

Priority:

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EP20100075066 20071207 JP20070536970 20051015 US20040622865P 20041028
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International class(IPC 8–9)**:** A61B1/00 A61B1/32 A61B10/00 A61B10/02 A61B17/00 A61B17/02 A61B17/14 A61B17/16 A61B17/17 A61B17/22 A61B17/26 A61B17/29 A61B17/32 A61B17/3205 A61B17/3207 A61B17/34 A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/82 A61B17/88 A61B17/90 A61B18/14 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/02 A61F11/00 A61F2/00 A61F2/30 A61F2/44 A61F2/46 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M25/09 A61M29/00 A61M5/32 A61N1/00 A61N1/05 A61N1/08 (Advanced/Invention); A61B1/313 A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/14 A61B17/16 A61B17/22 A61B17/295 A61B17/32 A61B17/34 A61B17/84 A61B17/88 A61B18/00 A61B18/02 A61B18/08 A61B18/14 A61B18/18 A61B18/20 A61B5/00 A61B5/0488 A61B5/107 A61B5/11 A61F2/00 A61N1/05 A61N1/36 A61N7/02 (Advanced/Non–invention); A61B1/32 A61B10/00 A61B17/00 A61B17/14 A61B17/16 A61B17/22 A61B17/24 A61B17/32 A61B17/56 A61B17/58 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/00 A61F2/44 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M5/32 A61N1/00 A61N1/05 (Core/Invention)

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US class: 1/1 128/898 128/898S 600/104 600/104P 600/204 600/210 600/210P 600/373 600/544 600/544S 600/546 600/546P 600/547 600/547P 600/554 600/554S 600/562 600/564 600/569 600/570 600/585 601/32 601/32S 604/272 604/272P 604/500 604/528 604/528P 604/533 606/1 606/103 606/103P 606/105 606/108 606/110 606/110P 606/167 606/167S 606/170 606/171 606/171P 606/176 606/177 606/1P 606/213 606/279 606/32 606/34 606/39 606/41 606/45 606/45P 606/53 606/53P 606/74 606/79 606/79P 606/79S 606/80 606/82 606/83 606/84 606/85 606/85P 606/86.00R 606/86.00RP 606/86R 606/90 606/90S 607/116 607/116S 607/117 607/117S 607/118 607/43

Classification Explorer

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Abstract:
Source: US2006089609A Methods and apparatus are provided for selective surgical removal of tissue. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. The sharp tip of the needle in the epidural space, can be converted to a blunt tipped instrument for further safe advancement. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. A nerve stimulator may be provided to reduce a risk of inadvertent neural abrasion.

0) WO11012891A2 – POWER CONNECTOR SYSTEM SYSTEME DE CONNECTEUR D...

5) Family number: 43773404 (WO11012891A2) © PatBase

Title: POWER CONNECTOR SYSTEM

Priority:

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Assignee(s): OTTER CONTROLS LIMITED ; AOTAI TEMPERATURE CONTROLLER SHENZHEN CO ; AOTAI TEMPARATURE CONTROLLER SHENZHEN CO ; OTTER CONTROLS SHENZHEN LIMITED ; OTTER CONTROLS SHENZHEN CO

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ANDREW ; HENRY HADFIELD ROBERT ; HENDRIK JOHAN ARNOUT NIEUWENHUIS ; HALLAM WRIGHT PETER ; HADFIELD ROBERT ; GEOFFREY WHITE IAN ; GAETA TONY ; GAETA TONI ; GAETA ANTONIO MARTIN ; GAETA ANTONIO M ; GAETA ANTONIO ; FRANCIS SIDDONS JEREMY ; FARLAM MARK RICHARD ; FARLAM MARK ; DAVID ANDREW WILLIAM ; DAVID ANDREW SMITH ; COLLINSON MIKE ; BUXTON MARK STUART ; BOUNDY PAUL ; BONDY PAUL ; P H WRIGHT ; MOORE ROBIN KEITH ; MOORE ROBIN ; MOLE ROBIN ; MARTIN GAETA ANTONIO ; JEREMY FRANCIS SIDDONS ; ANDREW HUNTER ; ANDREW HUNT ; AN YUAN ; ANTONIO MARTIN GAETA ; ANTONIO GAETA ; A M GUETTA ; A M GETA

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Agent(s): CROSS JAMES PETER ARCHIBALD; PATENT CORPORATE BODY ARCO PATENT OFFICE; CROSS JAMES; RGC JENKINS AND CO

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

International class (IPC 8–9): A47J19/00 A47J27/00 A47J27/21 A47J27/56 A47J31/00 A47J31/06 A47J31/44 A47J31/46 A47J31/54 A47J31/56 A47J31/58 A47J36/00 A47J36/14 A47J36/24 A47J36/34 A47J36/42 A47J41/00 A47J43/04 A47J43/07 A47J44/02 B65D43/16 B65D47/06 B65D81/18 F16J15/00 F16J15/02 F16J15/06 F16J15/32 F16J15/3204 F16J15/3232 F16K1/14 F24H1/18 F24H9/00 F24H9/18 F24H9/20 G01F23/00 G01F23/26 G01F23/292 G02B7/20 H01H37/04 H01H37/52 H01H37/54 H01R13/00 H01R13/02 H01R13/40 H01R13/405 H01R13/42 H01R13/46 H01R13/502 H01R13/52 H01R13/631 H01R13/635 H01R13/639 H01R13/648 H01R13/70 H01R13/717 H01R24/00 H01R24/38 H01R24/58 H01R33/00 H01R33/72 H01R33/74 H01R33/94 H01R33/96 H01R33/965 H01R4/48 H05B1/00 H05B1/02 H05B3/04 H05B3/08 (Advanced/Invention);
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Abstract:
A power connector comprises a central terminal and at least three peripheral terminals distributed around the central terminal, the peripheral terminals being substantially equally spaced from the central terminal. This configuration may allow a smaller footprint for such a connector, thus enabling better sealing, lower cost and/or greater flexibility of application, while avoiding safety problems such as tracking.

6) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/04 A61B5/145 A61B5/1491 A61B8/08 G01K7/22 (Advanced/Non–invention);
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A61B G01K G01N (Subclass/Invention)

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US class: 1/1 250/338.1 250/339.11 250/339.15 250/341.1 250/341.8 340/539.12 348/77 351/158 374/121 374/141 374/163 374/170 374/185 374/208 374/45 374/E13.002 374/E13.002S 600/300 600/301 600/301P 600/309 600/310 600/315 600/315P 600/316 600/323 600/340 600/344 600/373 600/373P 600/474 600/476 600/479 600/549 600/549P 600/587 600/595 607/96 701/1 701/36 701/41 701/70 702/135

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2007074720A – ENDOTRACHEAL INTUBATION DEVICE

7) Family number: 34354028 (US2007074720A) © PatBase

Title: ENDOTRACHEAL INTUBATION DEVICE

Priority: US20050230392 20050920 US20060514486 20060901 WO2006US35249 20060911 US20080148050 20080416 US20080148033 20080416 US20090653917 20091221 WO2007US18740 20070824

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: CENTURION MEDICAL PRODUCTS CORP

Assignee(s):(std)**:** AI MEDICAL DEVICES ; AI MEDICAL DEVICES INC ; AL MEDICAL DEVICES INC ; SCHWARTZ JOHN ; SCHWARTZ RICHARD

Assignee(s): RICHARD SCHWARTZ ; JOHN SCHWARTZ ; CENTURION MEDICAL PRODUCTS CORP

Inventor(s):(std)**:** JOHN SCHWARTZ ; RICHARD SCHWARTZ ; SCHWARTZ JOHN ; SCHWARTZ RICHARD

Agent(s): PHILLIPS ORMONDE FITZPATRICK; MACRAE AND CO; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; IAN C MCLEOD MCLEOD AND MOYNE PC; IAN C MCLEOD IAN C MCLEOD PC; MCLEOD IAN C; IAN C

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

International class (IPC 8–9): A61B1/00 A61B1/005 A61B1/04 A61B1/267 A61F11/00 A61M11/00 A61M16/00 A61M16/04 (Advanced/Invention); A61B1/267 A61B1/273 (Advanced/Non–invention); A61B1/00 A61B1/005 A61B1/04 A61B1/267 A61F11/00 A61M11/00 A61M16/00 A61M16/04 (Core/Invention); A61B1/267 A61B1/273 (Core/Non–invention)

International class (IPC 1–7): A61F11/00

CPC: A61B1/00032 A61M16/0418 A61M16/0434 A61M2205/0266 A61B1/267 A61M16/0488

European class: A61B1/267 A61M16/04M K61M16/04 K61M16/04A6 K61M16/04B K61M16/04M K61M205/02S

US class: 128/200.26 128/207.14 128/207.15 128/207.16 600/120 600/120P 600/131 600/131S 600/139 600/139P 600/141 600/143 600/146 600/149

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Abstract:
Source: US2007074720A An endotracheal intubation device having a curvable portion and internal optics or a viewing device which facilitate the insertion of an endotracheal tube into a patient. The device has a handle and a trigger. When the trigger is squeezed the curvable portion curves in a controlled manner from a fully straight configuration.

0) US2003085621A – POWER SUPPLY METHODS AND CONFIGURATIONS

8) Family number: 29782394 (US2003085621A) © PatBase

Title: POWER SUPPLY METHODS AND CONFIGURATIONS

Priority:

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US19970051035P 19970627 US19970055883P 19970815 US19970065773P 19971117
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: LIFESTYLE TECHNOLOGIES

Assignee(s):(std)**:** PATRICK H POTEGA ; PATRICK POTEGA ; POTEGA PATRICK ; POTEGA PATRICK H ; POTEGA PATRICK HENRY ; LIFESTYLE TECHNOLOGIES

Assignee(s): LIFESTYLE TECHNOLOGIES INC

Inventor(s):(std)**:** POTEGA PATRICK ; POTEGA PATRICK H ; POTEGA PATRICK HENRY ; PATRICK POTEGA ; PATRICK H POTEGA

Agent(s): MARKS AND CLERK; PATRICK H POTEGA

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX 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

International class (IPC 8–9): G01K1/02 G01K1/14 G01K7/16 G01K7/22 G01R31/36 G01R31/40 G05D11/00 G05F1/565 G06F1/18 G06F1/26 H01C7/02 H01C7/04 H01M10/42 H01M10/48 H01R13/703 H01R24/58 H01R29/00 H01R9/05 H02J/00 H02J7/00 H02J7/34 H02J9/06 (Advanced/Invention); C07D207/325 G01R31/40 H01M10/42 (Advanced/Non–invention); G01K1/00 G01K1/14 G01K7/16 G01R31/36 G05D11/00 G06F1/26 H01C7/02 H01C7/04 H01M10/42 H01R13/70 H01R29/00 H02J5/00 H02J7/00 H02J9/06 (Core/Invention); G01R31/40 (Core/Non–invention)

International class (IPC 1–7): G01K1/00 G01K1/02 G01R1/00 G05F1/565 G06F1/18 H01C3/04 H01H47/00 H01M10/48 H01M10/50 H01R H01R13/703 H01R24/00 H01R27/00 H01R29/00 H01R9/05 H02J1/10 H02J7/00 H02J7/34 H02J9/00

CPC: H01R13/703 H01R13/7033 H01R29/00 H01R24/58 H01R2103/00 G06F1/1632 G06F1/3203 H02J7/0003 B60L11/1864 B60L11/1872 B60L2240/545 B60L2240/547 B60L2240/549 G01K1/02 G01K7/223 G01R31/40 H01M10/486 B60L2200/26 B60L11/1866 B60L11/185 B60L11/1861 G01R31/36 G01R31/362 G01R31/3648 G06F1/26 G06F1/263 H02J7/0004 H02J7/0008 H02J7/0068 H02J9/061 Y02T10/7005 Y02T10/7044 Y02T10/7061 Y02T90/128 Y02T90/14 Y02T90/16 Y02T90/121 Y10T307/305 Y10T307/904 Y02T10/7072 G01K7/22 H01M10/425 H01M10/443 G01K1/143

European class: B60L11/18L7J12 B60L11/18M28 B60L11/18M30 B60L11/18M30B B60L11/18M34B G01K1/02 G01K7/22B G01R31/36 G01R31/36M3 G01R31/36N2 G01R31/36V1 G01R31/36V1C1 G06F1/16P6 G06F1/26 G06F1/26B G06F1/32P H01M10/42S2 H01M10/48D H01R13/703B4 H01R24/58 H01R29/00 H02J7/00B H02J7/00B1 H02J7/00B2A H02J7/00L H02J9/06B L60L200/26 L60L240/545 L60L240/547 L60L240/549 S01R31/40 T01R103/00 T01R13/703 Y02E60/12 Y02T10/70B Y02T10/70H2 Y02T10/70H6B Y02T10/70J4 Y02T90/12L Y02T90/14 Y02T90/16

US class: 307/132.00M 307/132M 307/149 307/18 307/18P 320/134 324/104 324/426 327/100 327/512 338/22.00R 338/22R 340/12.32 340/310.01 340/310.11 374/141 374/163 374/185 374/208 374/E01.002 374/E07.029 374/E1.002 374/E10.02 374/E10.02S 374/E7.029 374/E70.29 374/E70.29S 429/90 439/218 439/218P 439/578 439/578P 439/578S 439/668 439/669 439/676 439/676P 700/297 702/66 713/300 713/300P 713/340

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Abstract:
Source: US2003085621A A power supply detects power requirements of an electrical device and configures itself to provide the correct power to the device. By using a connector that isolates the device from its battery, the power supply can provide power to the device, recharge the battery, recharge the battery while at the same time providing power to the device, or provide power to the device while preventing the battery from being recharged. A switch used with the connector creates various circuits and is controllable by the power supply, the electrical device, by signals from the electrical device, or by a third device. The power supply may provide power to a plurality of devices and may be used with other power supplies to form a power grid. A master control unit receives inputs from each of the power supplies and controls the delivery and supply of power being the power supplies.

0) US2007028780A – COOKING DEVICE TO DEEP FAT FRY FOODS

9) Family number: 34194809 (US2007028780A) © PatBase

Title: COOKING DEVICE TO DEEP FAT FRY FOODS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Agent(s): KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; KRAMER – BARSKE – SCHMIDTCHEN; KRAMER BARSKE SCHMIDTCHEN; Kramer – Barske – Schmidtchen; KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; TUCKER ELLIS AND WEST LLP; TUCKER ELLIS LLP; MIZER SUSAN L; GARRED JOHN X; MICHAEL E HUDZINSKI

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

International class (IPC 8–9): A23L1/00 A23L1/01 A23L1/315 A23L13/50 A23L5/10 A47J27/00 A47J27/04 A47J36/00 A47J37/00 A47J37/07 A47J37/12 A47J43/18 (Advanced/Invention);
A23L1/00 A47J45/06 (Advanced/Non–invention);
A23L1/00 A47J37/00 A47J37/12 (Core/Invention);
A23L1/00 (Core/Non–invention)

CPC: A47J36/10 A47J37/1261 A47J37/1266 A47J37/129 A47J43/18 A23L5/11 A23L13/57 A47J37/1209 A47J37/1219

European class: A23L1/01B A47J36/10 A47J37/12A1 A47J37/12C A47J37/12H2 A47J37/12K A47J37/12M3

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Abstract:
Source: US2007028780A A cooking device include an outer housing and a cooking cavity disposed within and separate from the outer housing. The cooking cavity accommodates a volume of cooking liquid therein. The device includes a heater positioned adjacent the cooking cavity to heat the cooking liquid. A lid is movably attached to the device and is used to form a seal with the cooking cavity. The lid includes a transparent portion positioned along a top surface to enable viewing inside of the cooking cavity. A controller can be used to heat the cooking fluid for an amount of time designated by user input. A moving mechanism can be used to move a food article into and out of the cooking liquid. The moving mechanism can be automated. The device can include a drainage system for removing the cooking liquid.

0) US2006089633A – DEVICES AND METHODS FOR TISSUE ACCESS

10) Family number: 41695460 (US2006089633A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE ACCESS

Priority:

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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 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

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A61B17/32 A61B17/56 A61B17/70 A61F2/46 A61M25/09 A61M29/00 (Core/Non-invention)

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Abstract:
Source: US2006089633A Methods and apparatus are provided for selective surgical removal of tissue, e.g., for enlargement of diseased spinal structures, such as impinged lateral recesses and pathologically narrowed neural foramen. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. Once the sharp tip of the needle is in the epidural space, it is converted to a blunt tipped instrument for further safe advancement. A specially designed epidural catheter that is used to cover the previously sharp needle tip may also contain a fiberoptic cable. Further embodiments of the current invention include a double barreled epidural needle or other means for placement of a working channel for the placement of tools within the epidural space, beside the epidural instrument. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. In one variation, a tissue abrasion device is provided including a thin belt or ribbon with an abrasive cutting surface. The device may be placed through the neural foramina of the spine and around the anterior border of a facet joint. Once properly positioned, a medical practitioner may enlarge the lateral recess and neural foramina via frictional abrasion, i.e., by sliding the abrasive surface of the ribbon across impinging tissues. A nerve stimulator optionally may be provided to reduce a risk of inadvertent neural abrasion. Additionally, safe epidural placement of the working barrier and epidural tissue modification tools may be further improved with the use of electrical nerve stimulation capabilities within the invention that, when combined with neural stimulation monitors, provide neural localization capabilities to the surgeon. The device optionally may be placed within a protective sheath that exposes the abrasive surface of the ribbon only in the area where tissue removal is desired. Furthermore, an endoscope may be incorporated into the device in order to monitor safe tissue removal. Finally, tissue remodeling within the epidural space may be ensured through the placement of compression dressings against remodeled tissue surfaces, or through the placement of tissue retention straps, belts or cables that are wrapped around and pull under tension aspects of the impinging soft tissue and bone in the posterior spinal canal.

0) US2007248238A – BIOLOGICALLY FIT WEARABLE ELECTRONICS APPARATUS...

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Inventor(s): ABREU MARCIO ; ABREU MARCIO MARC NORTH HAVEN

Agent(s): FB RICE; FB RICE PTY LTD; MOFFAT AND CO; PFENNING MEINIG AND PARTNER MBB PATENTANWAELTE; PFENNING MEINIG AND PARTNER GBR; PFENNING MEINIG AND PARTNER MBB; INO SARI; KUMAKURA YOSHIO; MURAKOSO HIROO; MATSUSHITA MITSURU; KURASAWA ICHIRO; DESHIMARU TAKESHI; JACOBSON HOLMAN PLLC; STUDEBAKER AND BRACKETT PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT 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 MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41D1/00 B65H75/48 G02B27/01 G02B27/02 G02C1/00 G02C1/06 G02C11/00 G02C11/06 G02C3/00 G02C5/14 G02C7/08 G06F1/16 G06F3/01 G06F3/041 G06F3/16 H02G11/02 H04B1/38 H04H20/88 H04H5/00 H04M1/02 H04M1/03 H04M1/05 H04N5/225 H04N5/64 H04N7/18 H04R1/00 H04R1/02 H04R1/10 H04R25/00 H04W88/00 (Advanced/Invention); A41D1/00 G02C11/00 G02C7/02 H04R1/10 H04R5/033 H04W84/18 (Advanced/Non–invention); G02C1/00 G02C11/00 G02C5/14 G02C7/02 G06F1/16 H04B1/38 H04H5/00 H04M1/04

H04R1/10 H04R25/00 (Core/Invention); A41D1/00 (Core/Non–invention)

International class (IPC 1–7): G02C7/08

CPC: G02C5/14 A41D1/002 G06F1/20 G06F2200/201 H04R2420/07 G06F1/163 H04M1/05 H04R2201/023 H04R1/028 H04R1/1066 H04R5/0335 H04R1/1033 G02B27/017 G02B2027/0138 G02B2027/0178 H04R1/105 H04R1/1016 H04N7/185 G02C3/003 G02C11/06 G02C11/10 G02C5/143 G06F3/0414 G06F3/016 G06F3/167

European class: G02C11/00 G02C11/06 G02C3/00B G06F1/16P5 G06F1/20 H04M1/05 H04R1/10M2 K41D1/00B S06F200/201 T04R1/10B T04R1/10E T04R201/023 T04R420/07 T04R5/033H

US class: 1/1 2/69 2/69P 242/378.1 348/158 351/111 351/158 351/158P 351/159.75 351/177 351/74 381/381 381/381P 381/384 381/384P 381/394 381/74 381/74P 455/41.2 455/41.200P

Classification Explorer

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Abstract:
Source: US2007248238A Detachable wearable electronic eyeglasses and head mounted gear with a plurality of electronic functions and interchangeable electronic function, and a wearable computer with optimal weight distribution and stretchable arms.

0) US2005216302A – BUSINESS METHOD FOR PREMISES MANAGEMENT

12) Family number: 32273667 (US2005216302A) © PatBase

Title: BUSINESS METHOD FOR PREMISES MANAGEMENT

Priority:

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Family:

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Assignee(s): SILICON VALLEY BANK ; ICN ACQUISITION LLC ; ICORTROL NETWORKS INC

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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 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 YU ZA ZM ZW

International class (IPC 8–9): B60L11/18 B63H25/02 B64C39/02 G01C21/00 G01C21/16 G01C21/20 G01S19/42 G05B11/01 G05B15/02 G05D1/00 G05D1/02 G05D1/10 G05D23/19 G06F1/26 G06F1/32 G06F11/07 G06F13/00 G06F15/16 G06F15/167 G06F15/173 G06F15/177 G06F17/00 G06F17/30 G06F21/00 G06F21/20 G06F3/00 G06F3/01 G06F3/041 G06F3/048 G06F3/0481 G06F3/0482 G06F3/0484 G06F3/0486 G06F3/0487 G06F3/0488 G06F3/14 G06F9/00 G06F9/54 G06N5/02 G06Q30/02 G06Q30/06 G06Q50/00 G06Q50/06 G06Q50/08 G06Q50/12 G06Q50/16 G06Q50/26 G06T5/00 G07C5/00 G08B1/08 G08B13/00 G08B13/04 G08B13/08 G08B13/196 G08B13/22 G08B17/10 G08B19/00 G08B23/00 G08B25/00 G08B25/08 G08B25/10 G08B25/14 G08B29/00 G08B29/02 G08B29/12 G08B29/18 G08B5/00 G08C17/02 H02J9/00 H04B7/14 H04L12/24 H04L12/26 H04L12/28 H04L12/56 H04L12/64 H04L12/66 H04L12/947 H04L29/06 H04L29/08 H04L29/12 H04L29/14 H04L9/00 H04L9/32 H04M1/725 H04M11/04 H04M15/00 H04N5/232 H04N7/12 H04N7/16 H04N7/167 H04N7/18 H04W4/00 H04W4/12 H04W76/02 H04W8/00 H04W80/12 H04W88/02 (Advanced/Invention);
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G05D23/19 (Core/Non–invention);
G06F (Subclass/Invention)

International class (IPC 1–7): G06F17/60 G06T5/00 H04L12/28

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European class: G05B11/01 G05B15/02 G06F17/30E G06F17/30N G06F17/30W3 G06F17/30W7 G06F3/0481H G06F3/0488 G06Q30/00 G06Q30/02 G06Q30/0601 G06Q50/06 G06Q50/08 G06Q50/12 G06Q50/16 G06Q50/163 G06Q50/26 G08B13/08 G08B13/196N1 G08B25/00F G08B25/00P G08B25/00S G08B25/08 G08B25/14 H04L12/24C2 H04L12/24D H04L12/28H H04L12/28H2A H04L12/28H2C H04L12/28H3A H04L12/28H3B H04L12/28H4A H04L12/28H5B H04L12/28H5C H04L12/66 H04L29/08N1 H04L29/08N11M H04L29/08N1A H04L29/08N25 H04L29/08N27 H04L29/08N27I H04L29/12A1A H04L41/12 H04L43/08D H04L61/10A H04M1/725F1B H04M11/04 H04N21/2187 H04N21/4367 H04N21/462 H04N7/18C T04L12/24A2 T04L12/24A7 T04L12/24C2 T04L12/24E T04L12/24E1A T04L12/24E6B T04L12/24F3 T04L12/24G T04L12/28H10A T04L12/28H10B T04L12/28H11B T04L12/28H3A T04L29/08N15 T04L29/08N35 T04L29/12A2C T04L29/12A2H T04L29/12A3E T04L29/12A4A8D T04L29/12A4A8F T04L41/02B T04L41/02G1 T04L41/08 T04L41/08A1 T04L41/08D2 T04L41/12 T04L41/22 T04L41/28 T04L43/10 T04L61/15C T04L61/15H T04L61/20E T04L61/25A8D T04L61/25A8F T04L63/02 T04L63/02E T04L63/04B T04L63/04B4 T04L63/16D T04M1/725F1E T04M1/725F1G T04M1/725F1W T04M11/02 T04M250/22

US class: 1/1 307/66 340/12.5 340/506 340/507 340/514 340/514P 340/526 340/526P 340/531 340/539.1 340/539.100P 340/539.11 340/539.110P 340/539.14 340/539.17 340/540 340/540S 340/541 340/541S 340/545.6 340/691.6 340/691.600P 340/693.2 345/173 345/173S 348/143 348/143P 348/143S 348/E5.022 348/E50.22S 348/E7.085 348/E70.85S 370/254 370/255 370/328 370/338 370/351 370/351S 370/389 370/395.54 370/395.540P 370/401 370/401S 370/445 370/463 375/240.01 375/240.010S 375/E7.076 375/E70.76S 379/127.01 379/127.010P 380/205 380/205P 700/17 700/19 700/286 700/286S 700/300 700/300S 700/83 700/90 700/90S 705/1 705/26 705/26.1 705/26.100S 705/26S 705/314 705/314P 706/46 706/46S 706/47 706/47S 707/203 709/201 709/201S 709/202 709/203 709/203P 709/203S 709/217 709/217P 709/218 709/219 709/219P 709/220 709/220S 709/221 709/222 709/223 709/223P 709/224 709/224S 709/225 709/225S 709/226 709/226P 709/227 709/227P 709/227S 709/229 709/230 709/231 709/231P 709/232 709/238 709/238S 709/245 713/153 713/153P 715/702 715/702S 715/731 715/731S 715/734 715/734P 715/735 715/736 715/736P 715/736S 715/738 715/738P 715/764 715/764P 715/765 715/771 715/771P 715/771S 717/101 717/102 718/101 726/1 726/11 726/12 726/12P 726/12S 726/1P 726/1S 726/3 726/3S

Classification Explorer

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Abstract:
Source: US2005216302A Some embodiments of a method for premises management networking include monitoring premises management devices connected to a gateway at a premises; controlling premises management devices connected to the gateway at the premises; receiving, at the premises, an uplink–initiation signal associated with a network operations center server; and in response to the uplink–initiation signal, initiating, from the gateway at the premises, communications between the gateway and the network operations center server; and communicating, during the communications between the gateway and the network operations center server, information associated with the premises management devices.

13) Family number: 43347531 (US2009156926A) © PatBase

Title: INTEGRATED SYSTEM FOR INTRAVASCULAR PLACEMENT OF A CATHETER

Priority:

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Family:

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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 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

International class(IPC 8–9)**:** A61B A61B10/02 A61B10/06 A61B17/34 A61B19/00 A61B19/08 A61B19/10 A61B34/00 A61B34/10 A61B34/20 A61B46/00 A61B46/10 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/042 A61B5/044 A61B5/0472 A61B5/0478 A61B5/0492 A61B5/05 A61B5/055 A61B5/06 A61B5/083 A61B6/00 A61B8/00 A61B8/08 A61B8/12 A61B8/13 A61B8/14 A61B90/00 A61B90/11 A61B90/40 A61B90/98 A61M25/00 A61M25/01 A61M25/06 A61M25/095 A61M37/00 A61M5/32 A61N1/00 (Advanced/Invention);
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A61B19/00 A61B5/00 A61B5/0402 A61B5/0408 A61B5/05 A61B5/055 A61B8/00 A61M25/00 A61M25/01 A61M5/32 (Core/Invention)

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US class: 1/1 128/849 128/849S 128/852 128/852S 600/374 600/374P 600/407 600/407S 600/409 600/409P 600/409S 600/422 600/423 600/424 600/424P 600/462 600/509 600/509P 600/509S 600/521 600/523 600/585 600/585S 604/158 604/272 604/272S 604/523 604/523P 604/528 604/528S 606/130 607/116 607/122

Classification Explorer

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Abstract:
Source: US2009156926A An integrated catheter placement system for accurately placing a catheter within a patient'vasculature is disclosed. In one embodiment, the integrated system comprises a system console, a tip location sensor for temporary placement on the patient's chest, and an ultrasound probe. The tip location sensor senses a magnetic field of a stylet disposed in a lumen of the catheter when the catheter is disposed in the vasculature. The ultrasound probe ultrasonically images a portion of the vasculature prior to intravascular introduction of the catheter. The ultrasound probe includes user input controls for controlling use of the ultrasound probe in an ultrasound mode and use of the tip location sensor in a tip location mode. In another embodiment, ECG signal−based catheter tip guidance is included in the integrated system to enable guidance of the catheter tip to a desired position with respect to a node of the patient's heart.

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Title: OBSTRUCTIVE SLEEP APNEA TREATMENT DEVICES, SYSTEMS AND METHODS

Priority:

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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

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0) US2002135374A – REPAIR DEVICE FOR DECORATIVE LIGHT SHUNT

15) Family number: 28304726 (US2002135374A) © PatBase

Title: REPAIR DEVICE FOR DECORATIVE LIGHT SHUNT

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Probable Assignee: ULTA LIT TREE CO

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Inventor(s):(std)**:** FREDERICK W RICHARD ; FREDRICK W R ; WR FREDRICK ; PREY JOHN ; FREDRIC W R ; FREDERICK W R ; MILES RONALD

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Agent(s): MARKS AND CLERK; JENKENS AND GILCHRIST PC; STEPHEN G RUDISILL JENKENS AND GILCHRIST A PROFESSIONAL CORP; JENKENS AND GILCHRIST; NIXON PEABODY LLP

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

International class (IPC 8–9)**:** F21S4/00 F21S9/04 F21V19/04 F21V21/00 F21V23/02 F21V23/06 F21W121/00 F21Y101/00 G01R29/12 G01R31/00 G01R31/08 H01K3/30 H01L41/113 H01R13/46 H01R33/00 H03J1/00 H03K3/02 H05B37/03 H05B39/00 H05B39/03 H05B39/04 H05B39/10 (Advanced/Invention);
F21S4/00 F21V15/00 F21V19/00 F21W121/00 F21Y101/00 G01R31/302 (Advanced/Non–invention);
F21S4/00 F21S9/00 F21V19/04 F21V23/02 G01R31/00 H05B37/00 H05B39/00 (Core/Invention);
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Abstract:
Source: US2002135374A A repair device for fixing a malfunctioning shunt across a failed filament in a light bulb in a group of series−connected miniature decorative bulbs includes a piezoelectric pulse generator producing one or more pulses of a magnitude greater than the standard AC power line voltage. A connector receives the pulses from the pulse generator and supplies them to the group of series−connected miniature decorative bulbs.

16) Family number: 50779933 (US2012065729A) © PatBase

Title: SYSTEMS AND METHODS FOR RAPIDLY DEPLOYING SURGICAL HEART VALVES

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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 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

International class (IPC 8–9): A61F2/04 A61F2/24 A61F2/76 A61F2/958 A61M25/10 A61M31/00 (Advanced/Invention)

CPC: A61F2/2403 A61F2/2427 A61F2/2415 A61F2/2412 A61F2/2418 A61F2220/0008 A61F2220/0016 A61F2220/0025 A61F2220/005 A61F2220/0075 A61F2220/0083 A61F2230/0067 A61F2250/0018 A61F2250/0039 A61F2250/0048 A61F2250/006 A61F2250/0026 A61F2250/0069 A61F2/2433 A61F2/2409

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US class: 1/1 623/2.11 623/2.110P 623/2.14 623/2.140S 623/2.17 623/2.18

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Abstract:
Source: US2012065729A A quick−connect heart valve prosthesis that can be quickly and easily implanted during a surgical procedure is provided. The heart valve includes a substantially non−expandable, non−compressible prosthetic valve and a plastically−expandable frame, thereby enabling attachment to the annulus without sutures. A small number of guide sutures may be provided for aortic valve orientation. The prosthetic valve may be a commercially available valve with a sewing ring with the frame attached thereto. The frame may expand from a conical deployment shape to a conical expanded shape, and may include web−like struts connected between axially−extending posts. A system and method for deployment includes an integrated handle shaft and balloon catheter. A valve holder is stored with the heart valve and the handle shaft easily attaches thereto to improve valve preparation steps.

0) US2005078274A – TETHERED ELECTRICAL COMPONENTS FOR EYEGLASSES

17) Family number: 31812560 (US2005078274A) © PatBase

Title: TETHERED ELECTRICAL COMPONENTS FOR EYEGLASSES

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: INGENIOSPEC LLC

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Assignee(s): SMART IGLASSES LLC ; PATENT VENTURE CAPITAL CO

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Agent(s): IPVENTURE INC

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 US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A42B1/24 A47F7/02 A61B5/02 A61B5/04 F21V33/00 G01C22/00 G01J1/00 G01J1/02 G01J1/42 G01J1/44 G01J3/44 G01N21/65 G01T1/16 G02C1/00 G02C11/00 G02C11/06 G02C5/00 G02C5/14 G02C7/10 G03C1/00 G06F15/16 G06F15/173 G06Q10/10 G08B5/36 H02J7/00 H04M1/00 H04M1/57 H04M1/66 H04M1/725 H04M3/00 H04M3/42 H04M3/436 H04Q7/20 H04R25/00 H04W4/00 H04W4/12 H04W4/14 H04W4/16 (Advanced/Invention);
A61B5/00 G02C11/00 G02C5/14 (Advanced/Non–invention);
A42B1/00 A47F7/02 A61B5/02 A61B5/04 G01C22/00 G01J1/00 G01J1/42 G01J1/44 G01J3/44 G01N21/63 G02C1/00 G02C11/00 G02C5/00 G03C1/00 G06F15/16 G08B5/22 H04M1/00 H04M3/00 H04M3/42 H04W4/16 (Core/Invention);
G02C5/14 (Core/Non–invention)

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CPC: A42B1/245 G01C22/006 H04L67/14 H04L67/18 H04L67/306 H04L29/12122 H04L29/12009 H04L29/1216 H04L61/00 H04L61/1547 H04L61/157 H04W4/02 H04M1/05 H04M1/6066 H04R17/00 H04R2420/07 H04M1/72597 H04M1/72552 G01J1/429 G01J1/44 G01J1/0238 G01J1/0271 G01J2001/0257 G02C5/143 G02C5/146 G02C5/001 A61B5/02433 A61B5/6803 A61B5/6816 A61B5/742 G02C11/10 G06Q10/10 H04W4/14 H04M3/4365 H04W4/12 A61B5/746 H04M3/436 H04M2201/60 H04M2203/2011 H04M2203/651 H04M2207/18 H04W4/16 G02C11/06 G02C2200/08 G02C2200/02 G02C5/14 H02J7/0052 H02J7/0045 F21V33/0004 F21W2111/10 F21Y2115/10 G02C11/00

European class: A42B1/24C G01C22/00P G02C11/00 G02C11/06 G02C11/10 G02C5/00A G02C5/14E G02C5/14F G06Q10/10 H04L29/08N13 H04L29/08N29U H04L29/12A H04L29/12A2D H04L29/12A2H H04L61/15D H04L61/15H H04M1/05 H04M1/60T2B2 H04M3/436 H04Q7/32 H04W2/08 H04W204/16 H04W4/02 H04W4/16 S02C200/08 T04L29/08N17 T04L29/12A T04L29/12A2 T04L61/00 T04M201/60 T04M203/20B T04M203/65A T04M207/18 T04R17/00 T04R420/07

US class: 1/1 2/422 2/422P 211/85.1 211/85.100S 250/200 250/206 250/239 250/372 340/572.1 340/600 351/116 351/116S 351/119 351/119S 351/121 351/122 351/156 351/158 351/158P 351/41 351/41P 377/19 377/19S 379/142.4 379/265.09 379/420.01 381/322 381/327 381/330 381/381 455/411 455/412.1 455/412.100P 455/412.2 455/413 455/414.1 455/414.4 455/415 455/417 455/418 455/435.3 455/445 455/445S 455/466 455/466P 455/466S 455/550.1 455/556.1 455/556.100 455/569.1 455/575.1 455/90.3 702/160 704/247 709/206 709/206P 709/247 709/247S

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Abstract:
Source: US2005078274A Tethered electrical components coupled to electrical components in or attached to a pair of eyeglasses are disclosed. The tethered electrical components can allow a user to communicate with a communication device in a wireless and hands−free manner. The tethered electrical components may also include and/or control one or more operation indicators to signal operational status of the electrical components. In addition, the tethered electrical components may also include and/or control one or more sensors to monitor and signal conditions of users of the tethered electrical components.

0) US2014112828A – HEMODIALYSIS SYSTEM

18) Family number: 52445321 (US2014112828A) © PatBase

Title: HEMODIALYSIS SYSTEM

Priority: AU20120258687 20120524 AU20160203424 20160525 US20110489464P 20110524 US20120122166 20120524 EP20120726672 20120524 JP20140512107T 20120524 WO2012US39369 20120524 US20150723221 20150527 US20130122166 20131125 US20150121980P 20150227 US20140003346P 20140527 WO2015US32702 20150527

Family:

Publication number	Publication date	Application number	Application date
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WO15183976 A8	20160211	WO2015US32702	20150527

Probable Assignee: DEKA PRODUCTS LP

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Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; CASSAN MACLEAN; HOFFMANN EITLE; ONDA MAKOTO; ONDA HIRONORI; SPRUSON AND FERGUSON ASIA PTE LTD; WOLF GREENFIELD AND SACKS PC; HUNT ROBERT E; POMIANEK MICHAEL J 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 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

International class (IPC 8–9)**:** A61M1/10 A61M1/14 A61M1/16 A61M1/34 A61M1/36 A61M25/18 A61M39/02 A61M39/28 G06F1/16 G06F19/00 (Advanced/Invention); A61M1/16 (Advanced/Non–invention)

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US class: 137/596 210/136 210/143 210/195.2 210/232 422/44 604/6.16 604/67

Classification Explorer

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Abstract:
Source: US2014112828A A drain cassette for a dialysis unit has a fluid channel between venous and arterial connection ports, and a valve may controllably open and close fluid communication between a drain outlet port and the venous connection port or the arterial connection port. A blood circuit assembly and drain cassette may be removable from the dialysis unit, e.g., by hand and without the use of tools. A blood circuit assembly may include a single, unitary member that defines portions of a pair of blood pumps, control valves, channels to accurately position flexible tubing for an occluder, an air trap support, and/or other portions of the assembly. A blood circuit assembly engagement device may assist with retaining a blood circuit assembly on the dialysis unit, and/or with removal of the assembly. An actuator may operate a retainer element and an ejector element that interact with the assembly.

19) Family number: 33005577 (US2005085813A) © PatBase

Title: SYSTEM AND METHOD FOR STABILIZING OF INTERNAL STRUCTURES

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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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 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

International class (IPC 8–9): A61B17/56 A61B17/58 A61B17/60 A61B17/70 A61B17/86 A61B17/88 A61B5/103 A61F2/00 A61F2/30 A61F5/00 (Advanced/Invention);
A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/88 A61B5/103 A61F5/00 (Core/Invention)

International class (IPC 1–7): A61B17/58 A61B17/70 A61B17/88

CPC: A61B5/6878 A61B5/6882 Y10S606/914 A61B5/103 A61B5/107 A61B5/4504 A61B17/1604 A61B17/3417 A61B17/3421 A61B17/704 A61B17/7091 A61B17/1735 A61B17/864 A61B17/8875 A61B17/70 Y10T74/22 A61B17/320016 A61B2090/061 A61B2090/067 A61B17/7038 A61B17/1655 A61B17/1757 A61B17/3468 A61B17/7002 A61B17/7005 A61B17/701 A61B17/7011 A61B17/7032 A61B17/7037 A61B17/7082 A61B17/7085 A61B2017/320044

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Abstract:
Source: US2005085813A There is shown a system and method for reducing the difficulty in percutaneous placement of a spine stabilization brace by coupling the brace to a pedicle screw in a single assembly. The brace−screw assembly is delivered along with an anchor extension through a cannula for anchoring in the vertebrae pedicle. The anchor extension becomes a cannula for working on the brace from the exterior of the patient, as constructed with a slot opening along two sides. Once the screw portion of the brace−screw assembly is locked in place with respect to the first vertebra, the proximal end of the brace is below the skin line. The brace is then repositioned so that the proximal end leaves the cannula through one slot and is captured by a corresponding slot positioned in a second cannula coupled to a second anchor. Once captured, the proximal end of the brace is guided by the second cannula to a receptacle positioned in the second vertebra.

0) US2002103486A – POWER–ASSISTED LIPOSUCTION INSTRUMENT WITH CAUT...

20) Family number: 30047870 (US2002103486A) © PatBase

Title: Power–assisted liposuction instrument with cauterizing cannula assembly

Priority: EP19940306845 19940919 US19900627240 19901214 US19970976073 19971121 US20000507266 20000218 US19970882927 19970626 US19940307000 19940916 US20030442645 20030521 US20050145027 20050603 US20050145578 20050603 US20030702215 20031104 US20010993297 20011119 US20050081885 20050316 US20020266093 20021004 US20020068458 20020207 US20070981513 20071031 US20060522799 20060918

Family:

Publication number	Publication date	Application number	Application date
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Inventor(s):(std)**:** CUCIN ROBERT L

Inventor(s): CUCIN ROBERT

Agent(s): THOMAS J PERKOWSKI ESQ PC; THOMAS J PERKOWSKI ESQ PC SOUNDVIEW PLAZA; THOMAS J; PERKOWSKI ESQ PC THOMAS J

Designated states: DE DK FR GB IT NL SE

International class (IPC 8–9): A61B17/20 A61B17/32 A61B18/14 A61B18/18 A61M1/00 A61M27/00 (Advanced/Invention); A61M1/00 (Advanced/Non–invention); A61B17/32 A61M1/00 A61M27/00 (Core/Invention); A61M1/00 (Core/Non–invention)

International class (IPC 1–7): A61B17/00 A61B17/20 A61B18/18 A61M1/00

CPC: A61B2018/00464 A61B2217/005 Y10S604/902 A61B17/32002 A61M1/008 A61M2202/08 A61M2205/106

European class: A61B17/32E2 A61M1/00T K61B18/00F8A2 K61B217/00Q16 K61M1/00T K61M202/08 K61M205/10T

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Classification Explorer

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Forward Citations: WO9844966, WO14032157, WO13006633, WO12003383, WO11105634, WO11039522, WO11017517, WO10093692, WO10093692, WO10047434, WO10027461, WO08045314, WO08045314, WO06126195, WO05009213, WO03039629, USD658760, USD495413, USD478165, US9808249, US9808247, US9808246, US9808244, US9804618, US9801678, US9801634, US9801628, US9801627, US9801626, US9795384, US9795383, US9795382, US9795381, US9795365, US9788836, US9788834, US9782215, US9782214, US9782169, US9775614, US9775613, US9775609, US9775608, US9770289, US9770245, US9763731, US9757196, US9757184, US9757130, US9757128, US9757124, US9757123, US9750501, US9750499, US9750498, US9744274, US9743929, US9737362, US9737303, US9737302, US9737301, US9733663, US9730697, US9730695, US9730692, US9724098, US9724094, US9724091, US9713489, US9706991, US9700321, US9700317, US9700310, US9700309, US9693818, US9693794, US9693777, US9690362, US9687237, US9687230, US9675355, US9662110, US9655624, US9655614, US9649150, US9649148, US9649110, US9638770, US9636170, US9629814, US9629629, US9629623, US9623030, US9615826, US9610007, US9603598, US9603595, US9598691, US9597149, US9597143, US9597142, US9592054, US9592053, US9592052, US9592050, US9585663, US9585658, US9585657, US9574644, US9572577, US9572574, US9566061, US9561032, US9554794, US9549754, US9532796, US9526560, US9526556, US9522083, US9522029, US9517161, US9517068, US9510895, US9510828, US9504453, US9498244, US9498219, US9492167, US9486233, US9486214, US9480476, US9468438, US9452008, US9451958, US9445813, US9439677, US9439649, US9433403, US9433402, US9421062, US9408606, US9408604, US9402626, US9398911, US9393015, US9392999, US9381058, US9375255, US9370364, US9370358, US9370295, US9364233, US9364230, US9358063, US9358031, US9358005, US9358003, US9351730, US9351727, US9351726, US9345481, US9345477, US9345457, US9332987, US9332984, US9332974, US9326770, US9326769, US9326768, US9326767, US9320520, US9320518, US9314247, US9314246, US9308009, US9307989, US9307988, US9307986, US9307965, US9301753, US9289206, US9282962, US9271799, US9254167, US9254164, US9247986, US9192428, US9168087, US9144452, US9138282, US9131597, US9113928, US9095358, US9089338, US9078639, US9072523, US9039634, US9011427, US8986222, US8979768, US8968212, US8957060, US8932233, US8882793, US8876799, US8876746, US8870866, US8858464, US8840632, US8827996, US8815099, US8808200, US8795245, US8764679, US8747400, US8747399, US8728008, US8702623, US8696659, US8685052, US8685018, US8663216, US8663154, US8663153, US8663152, US8657842, US8636685, US8628555, US8591480, US8574223, US8574187, US8568405, US8568332, US8529541, US8529468, US8512292, US8506551, US8490852, US8480595, US8465471, US8454531, US8444638, US8439045, US8430827, US8425490, US8414587, US8372067, US8357146, US8355799, US8348929, US8343157, US8323279,

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Abstract:
Source: US2002103486A A method and apparatus is disclosed for mechanically−assisted liposuction treatment. The apparatus includes a hand−holdable housing, an electro−cauterizing cannula assembly, and a reciprocation mechanism. The hand−holdable housing has a cavity adaptable for receipt of a portion of the electro−cauterizing cannula assembly. The electro−cauterizing cannula assembly includes an inner cannula and an outer cannula, each having a distal end and a proximal end and at least one aspiration aperture about the distal end. The inner cannula is disposed within the outer cannula and the inner and outer aspiration apertures are in at least partial registration to form an effective aspiration aperture. The reciprocation mechanism is disposed within the housing and is operably associated with either the inner or outer cannula so that one of the cannulas can be selectively caused to reciprocate relative to the housing while the other is stationarily disposed relative to the housing. As one of the cannulas is caused to reciprocate relative to the other the effective aspiration aperture formed through the distal end of the cannula assembly, is caused to undergo periodic displacement. During aspiration of tissue, high−voltage RF power signals are supplied to the inner and outer cannulas to effect hemostasis about the reciprocating aspiration aperture. Such hemostasis is achieved by causing protein molecules within aspirated tissue to coagulate in response to the high−voltage RF signals being supplied across the reciprocating cannulas. In the preferred embodiments, the amount and rate of such aspiration aperture displacement is controllably adjustable. The cannula assembly is releasably detachable from the hand−holdable housing to facilitate cleaning and sterilization of the cannula assembly and the housing.

21) Family number: 43835358 (US2009259107A) © PatBase

Title: METHODS AND DEVICES TO DECREASE TISSUE TRAUMA DURING SURGERY

Priority: AU20090234286 20090413 AU20150202539 20150512 US20080127491P 20080514 US20080123806P 20080411 US20080044154P 20080411 US20080127575P 20080514 US20080131752P 20080612 US20090422584 20090413 US20100395915P 20100519 US20110111762 20110519 US20110111577 20110519 US20120608458 20120910 US20110573583P 20110908 US20120687585P 20120523 WO2009US40348 20090413 WO2011US37191 20110519 WO2012US54442 20120910 US20150734661 20150609

Family:

Publication number	Publication date	Application number	Application date
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AU2009234286 BB	20150212	AU20090234286	20090413
AU2012304320 AA	20130314	AU20120304320	20120910
AU2012304320 BB	20160915	AU20120304320	20120910
AU2015202539 AA	20150528	AU20150202539	20150512
AU2015202539 BB	20170518	AU20150202539	20150512
CA2721075 AA	20101008	CA20092721075	20090413
CA2721075 C	20161213	CA20092721075	20090413
CA2799772 AA	20121116	CA20112799772	20110519
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EP2763593 A4	20150805	EP20120829774	20120910
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US8845527 BB	20140930	US20090422584	20090413
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WO13036921 A1	20130314	WO2012US54442	20120910
WO16200757 A1	20161215	WO2016US36130	20160607

Probable Assignee: PHYSCIENT INC

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SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; KENSETT JOHN HINTON; FITCHETT STUART PAUL; WITHROW AND TERRANOVA PLLC; TERRANOVA STEVEN N; WITCHER III JOHN R

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

International class (IPC 8–9): A61B1/32 A61B17/00 A61B17/02 A61B17/12 A61B17/34 A61B17/80 A61B5/00 A61B7/00 A61B90/00 A61F2/958 A61M25/10 A61M29/00 G01N3/00 (Advanced/Invention); A61B17/00 A61B19/00 (Advanced/Non–invention); A61B (Subclass/Invention)

International class (IPC 1–7): A61B17/02

CPC: A61B17/0218 A61B2017/0225 A61B2017/3488 A61M25/104 A61B2017/0262 A61B2017/00022 A61B2090/064 A61B2090/065 A61B90/11 A61B2090/08021 A61B17/3423 A61B17/8076 A61B2017/00893 A61B2017/3405 A61B2017/3427 A61B2090/0809 A61B5/0051 A61B5/442 A61B7/00 A61B17/02 A61B17/0206 A61B17/0293 A61B17/12136 A61B2017/00172 A61B2017/00181 A61B2017/00314 A61B2017/00323 A61B2017/00398 A61B2017/00539 A61B2017/00544 A61B2017/00557 A61B2017/00734 A61B2017/0256 A61B2562/0219 A61B5/7239 A61B17/025 A61B90/03

European class: A61B17/02 A61B17/02A A61B17/02R A61B17/12P7B A61B5/00M2 A61B5/44B2 A61B7/00 K61B17/00C4P2 K61B17/00C4P3 K61B17/00E3G4S K61B17/00E3G6C K61B17/00F4 K61B17/00N2 K61B17/00N4 K61B17/00N8 K61B17/00Q12 K61B17/02J K61B17/02J2 K61B19/30 K61B19/46H K61B19/46H2 K61B19/48H4 K61B562/02C

US class: 1/1 600/201 600/202 600/202P 600/206 600/206P 600/210 600/210S 600/211 600/217 600/217S 606/192

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Forward Citations: WO16200757, WO16164688, WO13104473, WO13064354, WO13036921, WO12040206, WO11146739, WO11094735, WO11094735, WO11069036, WO10088427, WO10088427, USD789530, US9808297, US9795370, US9795368, US9795367, US9784552, US9775657, US9757067, US9700292, US9675332, US9655505, US9649099, US9636098, US9615818, US9498346, US9486133, US9402610, US9386971, US9382801, US9351781, US9307971, US9265490, US9241619, US9204830, US9113853, US9089299, US9066701, US9049989, US9011325, US8974381, US8968406, US8945003, US8915845, US8900137, US8376937, US8062218, US2017035405, US2017007226, US2016166244, US2016058985, US2015088192, US2014330084, US2014259720, US2014052194, US2013158781, US2013137934, US2013123582, US2012265213, US2011190588, US2011184245, US2011172494, US2011137130, US2011098537, US2010262247, US2010222644, US2009287060, US2009271053, US2009054908, TWI504874, JP2015506228, EP2763593,

DE102011117413, DE102011050418, CN102630152, AU2011305639,

Abstract:
Source: US2009259107A Methods and devices are disclosed to reduce the tissue trauma that occurs when a physician retracts or otherwise deforms a patient's tissues for surgery or other medical procedures. In one part, methods and devices are disclosed for controlling the force and pace of retraction to reduce tissue trauma. In another part, methods and devices are disclosed for applying an oscillating load when opening. In another part, pads that cool the tissue around the incision are disclosed. In another part, pads that elute drugs into the tissues of the tissue margin are disclosed. In another part, methods and devices are disclosed that self−align components of the retractor and engage hard tissues directly to avoid soft tissue damage. In another part, pads that engage tissues to cushion, to sense tissue state, and to modulate tissue state are disclosed.

0) US6842987B – TRIGGER DEVICE FOR CHAIN BRAKE

22) Family number: 29611485 (US6842987B) © PatBase

Title: Trigger device for chain brake

Priority: SE19990004364 19991202 WO2000SE02276 20001120

Family:

Publication number	Publication date	Application number	Application date
AT245515 E	20030815	AT20000983594T	20001120
AU200120327 A1	20010612	AU20010020327	20001120
AU200120327 A5	20010612	AU20010020327D	20001120
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Probable Assignee: HUSQVARNA AB

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Inventor(s):(std)**:** BJOEHKMAN PETER ; BJOERKMAN PETER ; BJORKMAN PETER ; MARTINSSON PAER ; MARTINSSON PAR ; MARTINSSON PEHI ; MARTINSSON PER ; B ERKMAN PETER

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Agent(s): FETHERSTONHAUGH AND CO

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

International class (IPC 8–9): B27B17/00 B27B17/08 B27B17/10 B27B19/00 (Advanced/Invention); B27B17/00 (Advanced/Non–invention); B27B17/00 B27B19/00 (Core/Invention)

International class (IPC 1–7): B23D57/02 B27B17/00 B27B17/02 B27B17/10 B27B19/00 B27G19/00

CPC: B27B17/083

European class: B27B17/08B

US class: 30/381 30/382 303/820

Classification Explorer

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Forward Citations: WO14053469, WO12122136, WO12122136, USD577557, USD576005, USD574207, USD573860, USD558020, USD558019, US8973276, US7331111, US7316299, US7200941, US2015260241, US2015258703, US2015258658, US2014310965, US2009241353, US2008092399, US2007011889, US2007011888, EP2221155, CN103517788, CN103068537,

Abstract:
Source: US6842987B A brake triggering device with a pivotably mounted trigger arm (1) located in connection to a handheld working tool's, mainly a chain saw's (2), rear handle (3), with a throttle control (4) and a handle opening (5) located below the handle (3), so that the trigger arm (1), when the saw changes inclination in relation to the operator's forearm, e.g. at the event of kickback or fall, is actuated by the operator's hand or arm, whereby the trigger arm (1) via a transfer mechanism actuates a brake (9) so that this stops the movement of the saw chain. The pivot (10) of the trigger arm is located in connection to a front (11) or a bottom (12) side of the handle opening (5).

0) US2013345718A – SURGICAL ROBOT PLATFORM

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Title: SURGICAL ROBOT PLATFORM

Priority:

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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 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

International class(IPC 8–9)**:** A61B10/02 A61B17/00 A61B17/02 A61B17/16 A61B17/17 A61B17/34 A61B17/70 A61B17/88 A61B19/00 A61B34/00 A61B34/10 A61B34/20 A61B34/30 A61B34/32 A61B46/20 A61B5/00 A61B5/055 A61B5/06 A61B50/13 A61B6/00 A61B6/03 A61B90/00 A61B90/14 A61B90/90 A61B90/98 A61F2/46 A61M5/172 A61N1/05 B25J13/06 B25J3/00 B25J9/02 G01S5/16 G06T7/00 (Advanced/Invention); A61B10/02 A61B17/00 A61B17/16 A61B34/00 A61B34/10 A61B34/20 A61B34/32 A61B90/00 A61B90/14 (Advanced/Non–invention)

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Abstract:
Source: US2013345718A A medical robot system, including a robot coupled to an effectuator element with the robot configured for controlled movement and positioning. The system may include a transmitter configured to emit one or more signals, and the transmitter is coupled to an instrument coupled to the effectuator element. The system may further include a motor assembly coupled to the robot and a plurality of receivers configured to receive the one or more signals emitted by the transmitter. A control unit is coupled to the motor assembly and the plurality of receivers, and the control unit is configured to supply one or more instruction signals to the motor assembly. The instruction signals can be configured to cause the motor assembly to selectively move the effectuator element and is further configured to (i) calculate a position of the at least one transmitter by analysis of the signals received by the plurality of receivers; (ii) display the position of the at least one transmitter with respect to the body of the patient; and (iii) selectively control actuation of the motor assembly in response to the signals received by the plurality of receivers.

24) Family number: 29772984 (US2003216792A) © PatBase

Title: RENAL NERVE STIMULATION METHOD AND APPARATUS FOR TREATMENT OF PATIENTS

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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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/05 A61B10/00 A61B17/00 A61B17/12 A61B17/22 A61B17/34 A61B18/00 A61B18/02 A61B18/04 A61B18/08 A61B18/12 A61B18/14 A61B18/16 A61B18/18 A61B19/00 A61B5/00 A61B5/01 A61B5/0408 A61B5/042 A61B5/055 A61B8/06 A61B8/08 A61B8/12 A61F2/00 A61F2/958 A61F7/00 A61F7/10 A61F7/12 A61H1/00 A61K31/13 A61K31/135 A61K31/165 A61K31/195 A61K31/198 A61K31/40 A61K31/4168 A61K31/435 A61K31/445 A61K31/506 A61K31/519 A61K31/52 A61K31/529 A61K38/48 A61K45/00 A61K45/06 A61K49/00 A61K9/00 A61K9/22 A61K9/70 A61L15/58 A61L29/14 A61L31/00 A61M25/00 A61M25/01 A61M25/10 A61M29/00 A61M31/00 A61M37/00 A61M5/00 A61M5/14 A61M5/142 A61M5/145 A61M5/158 A61M5/172 A61M5/32 A61M5/44 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/06 A61N1/08 A61N1/10 A61N1/18 A61N1/20 A61N1/28 A61N1/30 A61N1/32 A61N1/36 A61N1/372 A61N1/375 A61N1/378 A61N1/39 A61N1/40 A61N5/00 A61N5/02 A61N5/04 A61N5/06 A61N7/00 A61N7/02 A61P25/00 A61P25/24 B60R25/00 B60R25/10 B60R25/24 E05B81/60 H03C3/09 H03M5/12 H04Q7/18 H04Q7/32 (Advanced/Invention);

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European class: A61B18/12G A61B18/14 A61B18/14V A61B18/14V4 A61F7/12B A61M25/10 A61M5/142P10 A61M5/172B A61N1/04E1E A61N1/05 A61N1/05L A61N1/05L8 A61N1/05N A61N1/28 A61N1/32 A61N1/32B A61N1/32P A61N1/32S A61N1/36 A61N1/36B A61N1/36E2 A61N1/36Z A61N1/36Z2 A61N1/36Z3J A61N1/40 A61N1/40T A61N5/04B A61N5/06C12 B60R25/10F B60R25/24 B60R25/40B H04Q7/18 H04Q7/32E K61B17/00C1T K61B17/22H2 K61B17/22H7C K61B18/00A2C K61B18/00B14 K61B18/00B16A K61B18/00F10 K61B18/00F10A K61B18/00F6C K61B18/00F7 K61B18/00G1 K61B18/00G6 K61B18/00H10A K61B18/00H12B K61B18/00H12R K61B18/12G K61B18/12G6 K61B18/14C12B K61B18/14C12C K61B18/14M K61B18/14V K61B18/18M K61B19/54 K61F7/00C2 K61F7/00E2 K61F7/10 K61F7/12D K61M210/10K2 K61M25/01C1 K61M5/172B K61M5/172B2 K61N1/05D K61N1/05K1 K61N1/05K1S K61N1/05L K61N1/05L8 K61N1/05N4 K61N1/20P K61N1/32D K61N1/32P K61N1/32S K61N1/36 K61N1/362C K61N1/36B K61N1/36E K61N1/36E2 K61N1/36E4 K61N1/36E6 K61N1/36Z K61N1/36Z2 K61N1/36Z3E1 K61N1/36Z3J K61N1/36Z3J1 K61N1/372A K61N5/06B K61N7/00 K61N7/00A10C K61N7/02 K61N7/02C

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Abstract:
Source: US2003216792A A method and apparatus for treatment of heart failure, hypertension and renal failure by stimulating the renal nerve. The goal of therapy is to reduce sympathetic activity of the renal nerve. Therapy is accomplished by at least partially blocking the nerve with drug infusion or electrostimulation. Apparatus can be permanently implanted or catheter based.

0) US2016061549A – TRIGGER ASSEMBLY OF A PRECISION GUIDED FIREARM ...

25) Family number: 61605014 (US2016061549A) © PatBase

Title: TRIGGER ASSEMBLY OF A PRECISION GUIDED FIREARM

Priority: US20140031952P 20140801 US20150815931 20150731

Family:

Publication number	Publication date	Application number	Application date
US2016061549 AA	20160303	US20150815931	20150731
WO16019305 A2	20160204	WO2015US43227	20150731
WO16019305 A3	20160616	WO2015US43227	20150731

Probable Assignee: TRACKINGPOINT INC

Assignee(s):(std)**:** TRACKINGPOINT INC

Assignee(s): COMERICA BANK

Inventor(s):(std)**:** ACHEE EHREN ; BAILEY HILLMAN ; BRASE KEVIN D ; DELZ MARK ; PATTERSON ROY ; SCHAUBLE JASON PETER

Agent(s): REED RONALD M

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 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

International class (IPC 8–9): F41A17/06 F41A19/10 F41A19/12 F41A19/14 F41G1/00 (Advanced/Invention)

CPC: F41A17/56 F41A19/58 F41G1/38 F41G1/00 F41A19/14 F41A19/12

US class: 42/69.01

Classification Explorer

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Forward Citations: US9541573, US2016061550,

Abstract:
Source: US2016061549A In certain embodiments, a trigger assembly including a bi−stable switch system configured to selectively engage a portion of the sear in a first state and to transition from the first state to a second state to selectively disengage the portion of the sear in response to an electrical signal.

26) Family number: 32089954 (US2004092892A) © PatBase

Title: APPARATUS AND METHODS FOR TREATMENT OF MORBID OBESITY

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: VALENTX INC

Assignee(s):(std)**:** BALDWIN THOMAS ; BALLIRO JAMES ; BUTTERS JOSH ; BUTTERS JOSHUA ; CARR LOCKE DAVID ; DANN MITCHELL ; FALLIN T W ; GUTERMAN LEE ; LEARY JAMES ; VALENTX INC ; KAGAN JONATHAN ; FLUET GREG ; IKRAMUDDIN SAYEED ; SWAIN PAUL ; THOMAS RICHARD ; HOFFMANN GERARD V ; FALLIN WADE ; FALLIN T WADE ; HOFFMANN GERARD VON ; VON HOFFMANN GERARD ; WILMORE MARY LYNN ; WILMORE MARY L ; WRIGHT JAMES

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Agent(s): HERNANDEZ YORCK DIPL ING; RAYNOR SIMON MARK; RATABOUL XAVIER ET AL; KNOBBE MARTENS OLSON AND BEAR LLP

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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/064 A61B17/08 A61B17/11 A61B17/12 A61F2/02 A61F2/04 A61F2/06 A61F5/00 A61M25/00 A61M31/00 A61M39/00 A61M5/00 G06F1/00 (Advanced/Invention); A61B17/06 A61B17/28 A61B17/29 A61F2/04 A61F2/06 (Advanced/Non–invention); A61F2/02 A61M31/00 A61M39/00 G06F1/00 (Core/Invention)

International class (IPC 1–7): A61B17/08 A61F2/04 A61F5/00 A61M25/00 A61M31/00 A61M5/00

CPC:

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US class: 1/1 128/898 128/898S 604/175 604/256 604/263 604/264 604/264P 604/27 604/270 604/270S 604/271 604/275 604/5 604/500 604/500P 604/500S 604/513 604/514 604/516 604/523 604/523S 604/524 604/525 604/526 604/8 604/8P 604/909 604/910 606/139 606/151 606/151P 606/153 606/157 606/157S 623/1.11 623/1.110P 623/11.11 623/11.110 623/23.65 623/23.650 623/23.650P

Classification Explorer

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Abstract:
Source: US2004092892A Apparatus and methods are described for treatment of morbid obesity using minimally invasive techniques. The apparatus includes a system of components that may be used separately or in combination for effectively reducing stomach volume, bypassing a portion of the stomach and/or small intestines, reducing nutrient absorption in the stomach and/or small intestines and/or depositing minimally or undigested food farther than normal into the intestines, thereby stimulating intestinal responses. The components described include an artificial stoma device, a gastric sleeve device, an intestinal sleeve device, a combined gastrointestinal sleeve device and permanent and detachable attachment systems. Also described are devices for delivering and deploying the components of the system.

27) Family number: 43633282 (US2009205643A) © PatBase

Title: ACCELERATED TWO–PHASE SURGICAL PROCEDURE FOR CREATING A PNEUMOSTOMA TO TREAT CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Priority:

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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 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

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/068 A61B17/20 A61B17/32 A61B17/3209 A61B19/00 A61B5/08 A61B5/097 A61B6/00 A61B7/00 A61B8/12 A61F11/00 A61F2/958 A61L29/16 A61M1/00 A61M15/00 A61M16/00 A61M16/04 A61M25/00 A61M25/01 A61M25/02 A61M25/10 A61M27/00 A61M31/00 A61M36/04 A61M37/00 A61M39/08 A61M39/22 A61M5/00 A61M5/178 A61M5/32 A62B18/00 A62B7/00 A62B9/00 (Advanced/Invention); A61B17/32 A61M16/00 (Core/Invention)

International class (IPC 1–7): A61M31/00

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Classification Explorer

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Abstract:
Source: US2009205643A An accelerated two−phase surgical procedure is disclosed for creating a pneumostoma to treat chronic obstructive pulmonary disease. The first phase includes creation of a localized pleurodesis. The localized pleurodesis is created using chemical agents and/or mechanical fasteners to secure the visceral membrane to the pleural membrane. The second phase includes introduction of a surgical instrument into the lung via the pleurodesis to create the pneumostoma. The first and second phases are performed as parts of a single surgical procedure. The formation of a stable pleurodesis is to prevent pneumothorax during the procedure.

28) Family number: 28168778 (US2002018281A) © PatBase

Title: Coupled electrochromic compounds with photostable dication oxidation states

Priority:

CN200480012149 20040506 CN200780007652 20070302 CN200780016001 20070305
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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 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 YU ZA ZM ZW

International class (IPC 8–9): B05D5/06 B05D5/12 B23K26/362 B23K26/402 B32B17/06 B32B17/10 B32B7/02 B32B7/14 B60Q1/26 B60R1/02 B60R1/04 B60R1/06 B60R1/07 B60R1/08 B60R1/12 C03C17/36 C09K9/02 C23C14/08 C23C14/46 F16M13/02 G02B1/04 G02B1/10 G02B13/04 G02B27/00 G02B27/14 G02B5/08 G02B5/20 G02B5/26 G02B5/28 G02B7/182 G02F1/00 G02F1/01 G02F1/03 G02F1/061 G02F1/15 G02F1/153 G02F1/155 G02F1/157 G02F1/161 G02F1/163 H05K1/02 H05K3/32 (Advanced/Invention); B60R1/04 B60R1/06 B60R1/08 C23C14/08 C23C14/34 G02F1/1345 G02F1/15 G02F1/155 G02F1/157 G02F1/161 H05K1/03 (Advanced/Non–invention); B05D5/06 B32B7/02 B60R1/06 B60R1/08 B60R1/12 C23C14/46 G02B1/04 G02B27/00 G02B5/08 G02B5/20 G02B5/26 G02B5/28 G02F1/00 G02F1/01 H05K1/02 H05K3/32 (Core/Invention); H05K1/03 (Core/Non–invention); B60R (Subclass/Invention)

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CPC: C09K9/02 G02F1/1521 G02F2001/1512 B82Y20/00 G02F2202/36 C23C14/185 C23C14/5833 C23C14/5873 B60R1/1207 B60R2001/123 B60R2001/1284 G02F1/1345 Y10S359/90 F16M13/02 H05K2201/10106 H05K1/0306 H05K1/0274 H05K3/321 H05K2201/0108 H05K2201/10651 H05K2201/2036 H05K2201/2054 G02B27/14 B60R1/084 Y10T29/49826 G02F1/0018 G02B5/0808 B32B17/06 B32B17/10036 B32B17/10174 B32B17/10321 B32B17/10513 B32B2255/205 B32B2605/00 B32B2307/40 C23C14/086 B60R1/12 C03C17/36 C03C17/3618 C03C17/3639 C03C17/3663 B60R1/025 B32B2307/202 B32B2307/412 B32B2307/728 B32B2307/73 B32B2605/006 C23C14/34 G02B5/0875 B23K26/362 B23K26/402 B23K2203/50 B23K2203/00 G02F1/1533 Y10T29/49002 Y10T428/24355 Y10T428/2495 G02F2203/09 C03C17/3647 C03C17/3649 B60R1/00 B60R1/04 B60R1/083 B60R1/085 B60R2001/1215 B60R2001/1223 B60R2001/1253 B60R2300/108 E06B3/6722 G02F2201/34 G02F1/136204 E06B9/24 G02F1/13439 G02F1/157 G02F1/163 G02F2201/48 B60R1/088 G02F1/161 G02F1/153 B60R1/06 G02F1/155

European class: B32B17/06 B32B17/10C4 B32B17/10E10 B32B17/10E20 B32B17/10E40D64 B60R1/00 B60R1/04 B60R1/06 B60R1/08 B60R1/08G B60R1/08G2 B60R1/08G3 B60R1/08G5 B60R1/12 B82Y20/00 C03C17/36 C03C17/36B320 C03C17/36B339 C03C17/36B352M C09K9/02 C23C14/08L C23C14/18B C23C14/58D2 C23C14/58J E06B3/67F2 G02F1/15 G02F1/153 G02F1/153B G02F1/155 G02F1/157 G02F1/15V G02F1/161 G02F1/163 H05K1/02G H05K3/32B L60R1/12A L60R1/12B L60R1/12C L60R1/12D L60R1/12G L60R1/12L L60R300/10X P06B9/24 S02F1/1343B S02F1/1345 S02F1/153B S02F1/155 S02F1/157 S02F1/15B S02F1/15M S02F1/161 S02F1/163 S02F201/34 S02F201/48 S02F202/36 S02F203/02 T05K1/03B T05K201/01A1 T05K201/10D1D T05K201/20F

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Abstract:
Source: US2002018281A Coupling of anodic electrochromic compounds by a covalent bond or a bridge link which provides for electronic communication between the coupled electrochromic compounds results in coupled electrochromic compounds which exhibit greater stability as well as electrochromic activity that differs from the monomeric electrochromic compounds. Extension of the absorption spectrum into the near−infrared region of the spectrum is frequently observed. The coupled electrochromic compounds are highly suitable for use in electrochromic media used to produce electrochromic devices.

0) US2014070957A – WEARABLE COMMUNICATION PLATFORM

29) Family number: 55978199 (US2014070957A) © PatBase

Title: WEARABLE COMMUNICATION PLATFORM

Priority: US20120699440P 20120911 US20130023830 20130911 US20130862936P 20130806 US20140058519P 20141001 US20140080966P 20141117 US20140097560P 20141229 US20140331185 20140714 US20140950782P 20140310 US20140331142 20140714 US20150612060 20150202 WO2013EP68841 20130911 US20150644180 20150310 US20150194731P 20150720 US20150324152 20150714 WO2015US19797 20150310 WO2015IB02074 20151001 WO2015IB01802 20150714

Family:

Publication number	Publication date	Application number	Application date
CA2941872 AA	20160907	CA20152941872	20150310
CA2965884 AA	20170426	CA20152965884	20151001
CN104768455 A	20150708	CN201380058593	20130911
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WO16051268 A1	20160407	WO2015IB02074	20151001
WO17013493 A1	20170126	WO2016IB01146	20160720

Probable Assignee: L I F E CORP S A

Assignee(s):(std)**:** ALIVERTI ANDREA ; L I F E CORP S A ; LONGINOTTI BUITONI GIANLUIGI

Assignee(s): LIFE CORP SA

Inventor(s):(std)**:** ANDREA ALIVERTI ; PALLAI FABRIZIO ; LONGINOTTI BUITONI GIANLUIGI ; ALIVERTI ANDREA

Agent(s): FETHERSTONHAUGH AND CO; OFFICE FREYLINGER; PRICE NIGEL JOHN KING; J A KEMP; SHAY GLENN LLP; KIHN PIERRE ET AL; SHOOP RICHARD D

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

International class (IPC 8–9): A41D1/00 A41D13/00 A41D13/12 A41D27/00 A41H43/04 A61B5/00 A61B5/0205 A61B5/024 A61B5/04 A61B5/0408 A61B5/0478 A61B5/0492 A61B5/08 A61B5/11 A61B5/113 A61B5/16 A63B71/06 B29C65/52 B29C65/54 B32B3/08 B32B37/26 B32B38/14 B44C1/17 D03D1/00 D06N3/00 D06N3/04 G01L1/22 G06F1/16 H05K1/02 H05K1/03 H05K1/09 H05K3/32 (Advanced/Invention); A61B5/0408 A61B5/113 C09D11/52 H05K3/00 (Advanced/Non–invention)

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US class: 1/1 156/234 156/238 156/239 156/240 156/247 156/277 156/289 2/69 29/825 340/870.01 427/97.3 600/301 600/372 600/382 600/384 600/388 600/393 600/509 600/534 73/862.474

Classification Explorer

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Forward Citations: WO17189126, WO17174471, WO17163254, WO17155423, WO17144075, WO17121435, WO17121434, WO17120367, WO17105696, WO17099911, WO17089986, WO17088068, WO17086073, WO17084608, WO17076391, WO17072582, WO17070326, WO17040589, WO17037642, WO17037250, WO17033058, WO17017681, WO17013493, WO17009879, WO16196304, WO16172416, WO16150279, WO16149751, WO16148770, WO16142308, WO16139598, WO16133276, WO16131936, WO16128778, WO16128776, WO16105999, WO16086171, WO16080890, WO16079139, WO16073802, WO16051268, WO16040938, WO16023027, WO16009277, WO15170011, WO15148015, WO14125476, USD726138, US9818272, US9817440, US9816799, US9811164, US9804792, US9798409, US9795782, US9789327, US9786201, US9781243, US9778749, US9773396, US9772688, US9763285, US9759570, US9757581, US9757579, US9757576, US9753568, US9721553, US9710060, US9696833, US9687404, US9679546, US9678576, US9652101, US9648419, US9636521, US9613516, US9600994, US9598799, US9582072, US9582035, US9566033, US9563984, US9546921, US9497597, US9467207, US9462978, US9456307, US9433254, US9416470, US9403027, US9364151, US9329993, US9320433, US9288263, US9286789, US9282893, US9278510, US9155903, US9098991, US9026927, US8948839, US8945328, US8892220, US2017212769, US2017185183, US2017181255, US2017164461, US2017156035, US2017106277, US2017064423, US2017059418, US2017055055, US2017016154, US2016369441, US2016335871, US2016327979, US2016310064, US2016303391, US2016301482, US2016282988, US2016275775, US2016271882, US2016259425, US2016174620, US2016155310, US2016147304, US2016144233, US2016136446, US2016100244, US2016072540, US2016070347, US2016063890, US2016027338, US2015379880, US2015370320, US2015364018, US2015360043, US2015351687, US2015332659, US2015331524, US2015331522, US2015331512, US2015289034, US2015287247, US2015279185, US2015279178, US2015272264, US2015268726, US2015254992, US2015250426, US2015234367, US2015200318, US2015193130, US2015145671, US2015143601, US2015092972, US2015087995, US2015071293, US2015069847, US2015038864, US2014368427, US2014357316, US2014278125, US2014207216, US2014176335, US2014174645, US2014111414, US2014085081, US2014051943, US2012078393, US2011282164, TWI572215, TWI556792, TWI546055, RU2598462, KR101675691, FR3038210, FR3033242, FR3033233, FR3024308, ES2607217, ES2604207, EP3195799, EP3057384, EP3033988, DE102014013862, CN106473251, CN106360819, CN105901808, CN105853136, CN105795534, CN105608837, CN105455794,

CN105395177, CN105256502, CN105249943, CN105232018, CN104887207, CN104811836, CN104732682, CN104720821, CN104720787, CN104027107,

Abstract:
Source: US2014070957A An wearable communications garment that includes one or more user−selectable inputs integrated into the garment. A sartorial communications apparatus may include a flexible material that is worn (e.g., as an undergarment) by the user and includes one or more interactive sensors that may be manually activated by a user, even through one or more intervening layers of clothing. The apparatus may also include one or more additional body sensors configured to sense a user's position, movement, and/or physiological status. The sensor(s) may be connected via a conductive trace on the garment to a sensor module for analysis and/or transmission. Methods of manufacturing the garments as well as methods of using the garments are also described.

0) US2011169447A – ELECTRIC VEHICLE SUPPLY EQUIPMENT

30) Family number: 49242411 (US2011169447A) © PatBase

Title: ELECTRIC VEHICLE SUPPLY EQUIPMENT

Priority: US20100685609 20100111 US20100822100 20100623 US20110333562 20111221 US20120456085 20120425 US20130025140 20130912

Family:

Publication number	Publication date	Application number	Application date
US2011169447 AA	20110714	US20100685609	20100111
US2011172839 AA	20110714	US20100822100	20100623
US2012091961 AA	20120419	US20110333562	20111221
US2012206100 AA	20120816	US20120456085	20120425
US2014015487 AA	20140116	US20130025140	20130912
US8558504 BB	20131015	US20100822100	20100623
US9073439 BB	20150707	US20130025140	20130912
US9073446 BB	20150707	US20110333562	20111221
WO11085318 A2	20110714	WO2011US20694	20110110
WO11085318 A3	20111124	WO2011US20694	20110110

Probable Assignee: LEVITON MFG CO

Assignee(s):(std): BROWN KENNETH ; BROWN KENNETH J ; HANI ERWIN F ; KARWA MANOJ ; LEVITON MANUFACTURING CO ; SWIFT AMY ; RAMIREZ CARLOS ; LEVITON MFG CO ; SOTO VICTOR ; RAMIREZ CARLOS E

Assignee(s): LEVITON MFG CO INC ; LEVITON MANUFACTURING CO INC

Inventor(s):(std): BROWN KENNETH J ; RAMIREZ CARLOS E ; SOTO VICTOR ; SWIFT AMY ; RAMIREZ CARLOS ; KARWA MANOJ ; HANI ERWIN F ; BROWN KENNETH

Agent(s): MARGER JOHNSON AND MCCOLLOM PC; MAKUCH JOSEPH S 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 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

International class (IPC 8–9): B60L11/18 B60L3/00 B60W10/26 B65H75/44 G01R31/02 G06F1/28 G08B21/00 H01R43/26 H02H9/08 H02J7/00 (Advanced/Invention)

CPC: H02H11/002 B60L11/1809 B60L11/1846 Y02T90/169 Y04S30/14 B60L2230/40 B60L3/0069 B60L11/1818 B60L11/1824 B60L2230/12 B60L2230/16 Y02T10/7005 Y02T10/7088 Y02T90/121 Y02T90/128 Y02T90/14 Y02T90/163 Y10T29/49117 B60L3/0092 B65H75/4473 B65H2701/34 Y02T90/16 B60L11/1838 B60L3/04 B60L2210/30 B60L2240/80 B60L2250/10 B60L11/1825 Y02T10/7241 Y02T90/127 Y02T90/168 Y04S30/12

European class: B60L11/18L4A B60L11/18L7 B60L11/18L7A B60L11/18L7J B60L11/18L7J8 B60L3/00F12 B60L3/00R H02H11/00C L60L230/12 L60L230/16 Y02T10/70B Y02T10/70J4 Y02T90/12B Y02T90/12L Y02T90/14 Y02T90/16 Y02T90/16D

US class: 1/1 29/825 29/825S 320/109 320/109P 324/537 324/537S 340/635 340/635S 361/42 361/42S 700/286 700/286S 700/292 700/292P

Classification Explorer

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Abstract:
Source: US2011169447A An electric vehicle charging system includes a portable housing having an integral holder to hold a connector for an electric vehicle supply circuit. An electric vehicle supply equipment enclosure includes an integral chamber to store all or part of a cord. A mounting bracket for an electric vehicle supply equipment enclosure covers an open portion of the enclosure. A method for facilitating use of an electric vehicle

includes providing a prewiring kit for the electric vehicle. An electric vehicle supply equipment enclosure includes an integral disconnect switch. An electric vehicle supply circuit includes a grounding monitor circuit having automatic test functionality. Another electric vehicle supply circuit includes a contact monitor circuit to monitor the state of one or more of the contacts.

0) US2013125772A – NON–ENERGETICS BASED DETONATOR

31) Family number: 50246004 (US2013125772A) © PatBase

Title: NON–ENERGETICS BASED DETONATOR

Priority: US20100356424P 20100618 US20120717970 20121218 WO2011US41003 20110617 US20140151926 20140110

Family:

Publication number	Publication date	Application number	Application date
AU2011268090 AA	20111222	AU20110268090	20110617
CA2802888 AA	20121214	CA20112802888	20110617
CL2012003555 A1	20130524	CL20120003555	20121217
EP2583052 A1	20130424	EP20110727624	20110617
EP2583052 B1	20161116	EP20110727624	20110617
PE11772013 A1	20131030	PE20120002436	20110617
US2013125772 AA	20130523	US20120717970	20121218
US2015260496 AA	20150917	US20140151926	20140110
US8661978 BB	20140304	US20120717970	20121218
US9347755 BB	20160524	US20140151926	20140110
WO11160099 A1	20111222	WO2011US41003	20110617

Probable Assignee: BATTELLE MEMORIAL INST

Assignee(s):(std)**:** BACKHUS ROGER F ; BATTELLE MEMORIAL INST ; BATTELLE MEMORIAL INSTITUTE ; BATTELLE MEMORIAL INSTIUTE ; ZIMMER ISAAC THOMAS ; KLEIN JEROME A ; GIVENS RICHARD W ; LOESER RONALD L ; PAUGH JASON E ; VANCLEAVE WALTER G III

Assignee(s): VANCLEAVE WALTER G

Inventor(s):(std)**:** BACKHUS ROGER F ; GIVENS RICHARD W ; KLEIN JEROME A ; LOESER RONALD L ; PAUGH JASON E ; VANCLEAVE III WALTER G ; VANCLEAVE WALTER G ; VANCLEAVE WALTER G III ; ZIMMER ISAAC THOMAS

Agent(s): PIPERS; GOWLING LAFLEUR HENDERSON LLP; ESTUDIO TRANSGLOBO LTDA Y HUGO RUBIO Y ALEX SEVERIN S; MOORE MICHAEL RICHARD; THOMAS E; THOMAS E LEES LLC; LEES THOMAS E

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

International class (IPC 8–9): F42B3/10 F42B3/12 F42B3/18 F42B3/182 F42C11/04 F42D1/045 F42D1/05 F42D1/055 F42D5/00 (Advanced/Invention)

CPC: F42D1/055 F42B3/10 F42D5/00 F42D1/05 F42B3/121 F42B3/122 F42B3/182

European class: F42B3/12B F42B3/12B2 F42B3/182

US class: 1/1 102/200 102/202.1 102/202.12 102/202.3 102/202.5 102/206 102/311

Classification Explorer

Cited documents: WO10048587 A1, US8931389 BB, US8746144 BB, US8485097 BA, US8408131 BA, US8230788 BB, US8091477 BB, US7921774 BA, US7866264 BB, US7748322 BA, US7690303 BB, US7581496 BB, US7571679 BB, US7363860 BB, US6977468 BA, US6923122 BB, US6851370 BB, US6781813 BA, US6752083 BA, US6659010 BB, US6655289 BA, US6385031 BA, US6234081 BA, US6213800 BA, US6158347 A, US6105688 A, US6056314 A, US5969286 A, US5944545 A, US5857857 A, US5756926 A, US5746618 A, US5733135 A, US5647757 A, US5600293 A, US5509817 A, US5314345 A, US5291828 A, US5162606 A, US5088413 A, US5060573 A, US4904196 A, US4869171 A, US4840122 A, US4815382 A, US4729315 A, US4369707 A, US4170939 A, US3678853 A, US3420174 A, US3244103 A, US2465467 A, US2014326154 AA, US2013042780 AA, US2012199030 AA, US2011024995 AA, US2010282105 AA, US2010055968 AA, US2009223400 AA, US2008081842 AA,

US2004112244 AA, US2004055494 AA, US2004043652 AA, US2003221578 AA, US2003221577 AA, US2002145275 AA, MX2011004241 A1, MX1004004241,

Forward Citations: WO15199620, US9664491, US9568288, US9080433, US9064650, US8976503, US2015285606, US2015219428, US2015107090, US2015040786, US2012199352, EP3121552,

Abstract:
Source: US2013125772A A detonator system is provided for use with explosives that utilizes two subsystems. A first subsystem functions as a non−explosives based detonator, which does not contain any explosives. The second subsystem is an initiating subsystem, which includes an initiating pellet. To set off an explosive event, the non−energetics based detonator is coupled to the initiating subsystem and the non−energetics based detonator is commanded to provide a suitable signal to the initiating subsystem that is sufficient to function the initiating pellet. Further, the initiating subsystem can be integrated directly into an associated explosive such as a booster that has been configured to receive the initiator subsystem without changing the hazard class of the booster.

0) US2015202456A – SYSTEM AND METHOD FOR OPTOGENETIC THERAPY

32) Family number: 56548752 (US2015202456A) © PatBase

Title: SYSTEM AND METHOD FOR OPTOGENETIC THERAPY

Priority:

CN201380071014	20131121	JP20150544050T	20131121	US20120729283P	20121121
US20140444722	20140728	US20140444767	20140728	JP20160225548	20161118
US20140444770	20140728	US20140445993	20140729	US20140444841	20140728
US20140445962	20140729	US20140444894	20140728	US20140445978	20140729
US20140444850	20140728	US20140444844	20140728	WO2013US00262	20131121
US20140449072	20140731	US20140449080	20140731	US20140449096	20140731
US20140449084	20140731	US20140449094	20140731	US20140449077	20140731
US20140449081	20140731	US20140449090	20140731	US20140449087	20140731
US20140449097	20140731	US20170473458	20170329	US20170495647	20170424
US20170478122	20170403	US20170472238	20170328		

Family:

Publication number	Publication date	Application number	Application date
AU2013348395 AA	20140530	AU20130348395	20131121
CA2894718 AA	20150520	CA20132894718	20131121
CN105142529 A	20151209	CN201380071014	20131121
CN107243114 A	20171013	CN201610974511	20131121
EP2922476 A1	20150930	EP20130856423	20131121
EP2922476 A4	20160713	EP20130856423	20131121
IL238945 A0	20150730	IL20130238945	20131121
JP2016509487 T2	20160331	JP20150544050T	20131121
JP2017060813 A2	20170330	JP20160225548	20161118
US2015202456 AA	20150723	US20140444770	20140728
US2015246242 AA	20150903	US20140445993	20140729
US2016038755 AA	20160211	US20140444841	20140728
US2016038756 AA	20160211	US20140449072	20140731
US2016038757 AA	20160211	US20140449080	20140731
US2016038758 AA	20160211	US20140449084	20140731
US2016038759 AA	20160211	US20140449096	20140731
US2016038765 AA	20160211	US20140445962	20140729
US2016045764 AA	20160218	US20140444894	20140728
US2016045765 AA	20160218	US20140449094	20140731
US2016051828 AA	20160225	US20140449081	20140731
US2016051830 AA	20160225	US20140449077	20140731
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US2016096035 AA	20160407	US20140444850	20140728
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US2017225009 AA	20170810	US20170495647	20170424
US2017225013 AA	20170810	US20170478122	20170403
US2017239488 AA	20170824	US20170472238	20170328
US9649503 BB	20170516	US20140444894	20140728
US9662508 BB	20170530	US20140445962	20140729
US9814900 BB	20171114	US20140444841	20140728

WO14081449 A1	20140530	WO2013US00262	20131121

Probable Assignee: CIRCUIT THERAPEUTICS INC

Assignee(s):(std)**:** ANDERSEN DAN ; ARROW ALEXANDER ; CIRCUIT THERAPEUTIC INC ; CIRCUIT THERAPEUTICS INC ; MOORE DAVID ; MOLL FREDERIC ; DEISSEROTH KARL ; STAHLER GREG ; HUANG JOYCE ; LUNDMARK DAVID ; DELP SCOTT

Inventor(s):(std)**:** DAN ANDERSEN ; DAVID LUNDMARK ; DAVID MOORE ; DEISSEROTH KARL ; DELP SCOTT ; FREDERIC MOLL ; GREG STAHLER ; HUANG JOYCE ; JOYCE HUANG ; KARL DEISSEROTH ; LUNDMARK DAVID ; MOLL FREDERIC ; MOORE DAVID ; SCOTT DELP ; STAHLER GREG ; MOLL FRED ; MITRA ANANYA ; LUNDMARK DAVID C ; ANGELEY DAVID ; ALEXANDER ARROW ; ANDERSEN DAN ; ARROW ALEXANDER

Inventor(s): ARROW ALEXANDER K

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LECOMTE AND PARTNERS; DAVID C; LUNDMARK DAVID C

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

International class (IPC 8–9): A61B A61B17/00 A61B17/34 A61B18/02 A61B18/04 A61B19/00 A61B8/12 A61H37/00 A61K38/00 A61K38/16 A61K38/17 A61K41/00 A61K48/00 A61M25/01 A61M37/00 A61M5/142 A61M5/20 A61N1/00 A61N1/05 A61N1/30 A61N1/32 A61N1/36 A61N1/372 A61N5/06 A61N5/067 A61N5/073 A61N7/00 A61P9/12 C12N15/09 C12N5/10 (Advanced/Invention); A61K38/16 A61K38/17 A61K48/00 A61M37/00 A61N1/378 (Advanced/Non–invention); A61B (Subclass/Invention)

CPC: A61N2005/0612 A61N2005/0627 A61N5/062 A61K38/168 A61K38/16 A61N2005/0626 A61N2005/0643 A61N2005/0651 A61N2005/063 A61K41/00 A61N2005/0665 A61K41/0057 A61K48/00 A61N1/0551 A61M37/0015 A61M25/0105 A61K38/164 A61M2037/0061 A61M2037/0023 A61N1/3605 A61N2005/0631 A61K38/177 A61K48/0075 A61N2005/067 A61B17/3403 A61N1/36053 A61B17/00234 A61M5/142 A61M5/20 A61M25/0147 A61B2017/3413 A61M2205/3576 A61M2205/50 A61N2005/0653 A61N5/0601 A61N5/0622

US class: 604/20 604/506 604/95.01 604/95.03 607/3 607/88 607/92

Classification Explorer

Cited documents: WO12061684 A1, WO11094367 A1, WO09155371 A1, WO09115371 A1, WO07024391 A2, US9662508 BB, US9649503 BB, US8267889 BB, US7819812 BB, US7650192 BB, US6689103 BA, US6442435 BB, US5941845 A, US5908446 A, US5766234 A, US5411537 A, US5383923 A, US5354279 A, US3964482 A, US2017095670 AA, US2016096034 AA, US2016051836 AA, US2016045764 AA, US2016038755 AA, US2015246242 AA, US2012253261 AA, US2012197374 AA, US2012191079 AA, US2012065493 AA, US2012019079 AA, US2012016308 AA, US2011307034 AA, US2011230747 AA, US2011184337 AA, US2011125078 AA, US2011125077 AA, US2011040357 AA, US2010198316 AA, US2010190229 AA, US2009234426 AA, US2009054954 AA, US2008125838 AA, US2007249999 AA, US2007129775 AA, US2004073278 AA, US2002128689 AA, CN102159713 A,

Forward Citations: WO17136346, WO17048808, WO16019058, WO15191926, US9814900, US9775627, US9757587, US9724151, US9693692, US9662508, US9649504, US9649503, US9645332, US9636380, US9615789, US9604073, US2016096035, US2016051837, US2016051836, US2016038755, US2016007874, US2015184126, US2015148407, US2014128943, JP2017509422, EP3216492, EP2991491,

Abstract:
Source: US2015202456A Configurations are described for utilizing light–activated proteins within cell membranes and subcellular regions to assist with medical treatment paradigms, such as hypertension treatment via anatomically specific and temporally precise modulation of renal plexus activity. The invention provides for proteins, nucleic acids, vectors and methods for genetically targeted expression of light–sensitive proteins to specific cells or defined cell populations. In particular the invention provides systems, devices, and methods for millisecond–timescale temporal control of certain cell activities using moderate light intensities, such as the generation or inhibition of electrical spikes in nerve cells and other excitable cells.

0) US2011034905A – METHOD OF AND APPARATUS FOR TREATING ABDOMINAL ...

33) Family number: 48264756 (US2011034905A) © PatBase

Title: METHOD OF AND APPARATUS FOR TREATING ABDOMINAL OBESITY AND METABOLIC SYNDROME IN HUMAN PATIENTS

Priority:

US20090462596 20090805	US20100813067 20100610	US20110314391 20111208
US20110094302 20110426	US20100955420 20101129	US20100850786 20100805
US20110315224 20111208	US20110314396 20111208	US20110315230 20111208
US20110315222 20111208	US20110315235 20111208	US20110315232 20111208
US20110314524 20111208	US20110315228 20111208	WO2010US44543 20100805
US20110315243 20111208	US20110315238 20111208	US20110328556 20111216
US20110315248 20111208	US20110315246 20111208	US20120408567 20120229

Family:

Publication number	Publication date	Application number	Application date
EP2461757 A1	20120613	EP20100807155	20100805
EP2461757 A4	20141224	EP20100807155	20100805
US2011034905 AA	20110210	US20090462596	20090805
US2011118542 AA	20110519	US20100850786	20100805
US2011213336 AA	20110901	US20100955420	20101129
US2011306950 AA	20111215	US20100813067	20100610
US2012068085 AA	20120322	US20110094302	20110426
US2012150068 AA	20120614	US20110315224	20111208
US2012150069 AA	20120614	US20110315243	20111208
US2012150071 AA	20120614	US20110315238	20111208
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US2012184919 AA	20120719	US20110315246	20111208
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US2013006225 AA	20130103	US20120408567	20120229
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US8465471 BB	20130618	US20100850786	20100805
US8574223 BB	20131105	US20110315228	20111208
US9744274 BB	20170829	US20110315232	20111208
US9757184 BB	20170912	US20110315224	20111208
US9814810 BB	20171114	US20110315243	20111208
WO11017517 A1	20110210	WO2010US44543	20100805
WO12074978 A2	20120607	WO2011US62346	20111129
WO12074978 A3	20120927	WO2011US62346	20111129

Probable Assignee: ROCIN LABORATORIES INC

Assignee(s):(std)**:** CUCIN ROBERT L ; ROCIN LAB INC ; ROCIN LABORATORIES INC

Inventor(s):(std)**:** CUCIN ROBERT L

Agent(s): CUPITT PHILIP LESLIE; THOMAS J PERKOWSKI ESQ P C; THOMAS J; THOMAS J PERKOWSKI ESQ PC; PERKOWSKI THOMAS J

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

International class (IPC 8–9): A61B1/018 A61B10/00 A61B10/02 A61B18/04 A61B18/14 A61B18/18 A61M1/00 A61M3/02 A61M31/00 A61M5/00 A61M5/31 A61M5/315 A61N5/06 G06Q50/22 (Advanced/Invention); A61B18/00 A61B18/04 A61B19/00 A61F5/00 A61M27/00 (Advanced/Non–invention)

CPC: A61B10/0275 A61B18/1482 A61B2018/00196 G06Q50/22 A61M1/0039 A61M1/008 A61M1/0084 A61B10/02 A61B10/0283 A61M1/0058 A61B18/1402 A61B18/1477 A61B18/148 A61B2018/00464 A61B2018/00595 A61B2018/1425 A61B2218/002 A61B2218/007

European class: A61B10/02 A61B10/02P6N A61B10/02P8 A61B18/14B A61M1/00K A61M1/00T G06Q50/22 K61B18/00F8A2 K61B18/00G3 K61B18/14C12 K61B18/14N K61B18/14P K61B218/00D2 K61B218/00D4 K61M1/00T2

US class: 250/492.1 250/492.100P 600/104 600/104P 600/109 600/425 600/562 600/562S 600/566 600/566P 600/567 600/567P 604/187 604/187S 604/218 604/218P 604/30 604/30 604/30P 604/319 604/319P 604/319S 604/35 604/35S 604/506 604/506P 604/522 604/522P 604/542 604/542P 606/32 606/33 606/33S 606/40 705/2 705/2P

Classification Explorer

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Abstract:
Source: US2011034905A A method of and apparatus for safely removing visceral fatty tissue from the patient's mesentery is disclosed. In the preferred embodiment, the method involves using a novel minimally invasive or laparoscopic surgical procedure involving the inflation of the abdominal region with gas that creates a space between the wall of the abdomen and the organs inside. Using short incisions in the skin, narrow tubes are inserted through the abdominal wall so that a laparoscopically−guided electro−cauterizing and irrigating liposuction instrument can be passed through the incision to perform the maneuvers necessary for the operation. Removal of visceral fat from the mesentery is observed directly on a video monitor, which receives its picture from a video camera attached to the laparoscope. Using this technique, it is now possible to safely remove visceral fat from the patient's mesentery to treat abdominal obesity and/or metabolic syndrome in human patients.

34) Family number: 50927810 (US2012089170A) © PatBase

Title: INTRAGASTRIC BALLOON GEOMETRIES

Priority:

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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 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 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

International class (IPC 8–9): A61B10/00 A61B17/08 A61B17/11 A61B17/12 A61F2/04 A61F5/00 A61M29/00 A61M29/02 A61M5/00 (Advanced/Invention)

CPC: A61F5/0086 A61F5/0076 A61B17/12036 A61B17/12099 A61B17/12172 A61F5/0089 Y10T24/44342 Y10T24/4453 Y10T24/44564 A61F5/0003 A61F5/0013 A61F5/0036 A61F5/0079 A61F5/003 A61F5/004 A61F5/0033 A61F5/0073

European class: A61F5/00B6D A61F5/00B6D2 A61F5/00B6F A61F5/00B6F2 A61F5/00B6N A61F5/00B6N2 A61F5/00B6S2 K61F5/00B6N2 K61F5/00B8

US class: 1/1 128/898 24/495 24/517 24/521 604/8 604/8S 604/9 604/9P 606/120 606/142 606/153 606/153P 606/157 606/157P 606/191 606/191S 606/192 606/192P 606/192S 606/198 606/198P 606/198S 623/23.64 623/23.65 623/23.68

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CN2007053556, CN2007027812, CN1367670 A, CN1250382 A,

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Abstract:
Source: US2012089170A The present application provides intragastric devices for the treatment of obesity. The intragastric devices advantageously act as a volume−occupying device, and is able to survive implantation in a

patient's stomach for a year or longer. In addition, the intragastric devices may provide additional benefits. For example, the intragastric device may be configured to stimulate an inner stomach wall and/or temporarily block the pylorus to slow gastric emptying and/or be rotationally variant, thereby encouraging different stimulation points on the inner wall of the stomach and limiting the stomach's ability to adapt over long term implantation.

35) Family number: 48848337 (US2011106019A) © PatBase

Title: DEVICES FOR CLEARING BLOCKAGES IN IN–SITU ARTIFICIAL LUMENS

Priority:
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US20150198256P 20150729 US20150266283P 20151211

Family:

Publication number	Publication date	Application number	Application date
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WO14025367 A1	20140213	WO2012US66372	20130625
WO17019965 A1	20170202	WO2016US44731	20160729

Probable Assignee: ACTUATED MEDICAL INC

Assignee(s):(std): ACTUATED MEDICAL INC ; ACTUATED MEDICAL LNC ; BAGWELL ROGER B ; CRESPO JOSUE ; CRESPO JOSUE R ; DEMERS DEBORA L ; MALLEN DANA B ;

MEZA GABRIELA HERNANDEZ ; FRANKHOUSER PAUL L ; MULVIHILL MAUREEN L ; PARK BRIAN M ; KLAUS JEFFERY P ; KLAUS JEFFREY P ; PIEZO RESONANCE INNOVATIONS INC ; SCRUGGS CASEY A

Assignee(s): NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; HERNANDEZ MEZA GABRIELA ; NATIONAL SCIENCE FOUNDATION

Inventor(s):(std)**:** BAGWELL ROGER B ; CLEMENT RYAN S ; CRESPO JOSUE ; CRESPO JOSUE R ; DEMERS DEBORA L ; DILLON DOUGLAS R ; ERDLEY KATHERINE M ; FRANKHOUSER PAUL L ; HERNANDEZ MEZA GABRIELA ; HIGGINS TIMOTHY J ; KLAUS JEFFERY P ; KLAUS JEFFREY P ; MALLEN DANA B ; MEZA GABRIELA HERNANDEZ ; MULVIHILL MAUREEN ; MULVIHILL MAUREEN L ; MULVIHILL MAUREEN M ; PARK BRIAN M ; SCRUGGS CASEY A

Agent(s): FB RICE; FB RICE PTY LTD; BORDEN LADNER GERVAIS LLP; FINDLAY ALICE ROSEMARY; INO SARI; KURASAWA ICHIRO; MATSUSHITA MITSURU; DESHIMARU TAKESHI; KUMAKURA YOSHIO; METZ LEWIS BRODMAN MUST OKEEFE LLC; BARRY L; NEAL P; METZ LEWIS BRODMAN MUST OKEEFE; FRIEDMAN BARRY I 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 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

International class (IPC 8–9): A61B1/00 A61B1/018 A61B19/00 A61B90/70 A61J15/00 A61M1/00 A61M25/00 A61M25/01 A61M25/092 A61M29/00 A61M3/02 A61M39/00 A61M5/00 A61M5/46 A61N1/30 B08B1/00 B08B5/02 B08B9/00 B08B9/027 B08B9/04 B08B9/043 B08B9/055 E03F9/00 (Advanced/Invention);
A61B19/00 A61J15/00 A61M25/16 A61M27/00 A61M31/00 A61M37/00 A61M39/02 A61M5/00 B08B9/047 (Advanced/Non–invention)

CPC: A61M1/0078 A61M25/0113 A61J15/0026 A61B1/018 A61J15/00 B08B9/0436 Y10T137/6055 Y10T137/789 A61B2017/00477 A61B2017/00876 A61M25/00 A61M2025/0019 A61B90/70 A61B2090/701 A61M25/0082 A61M1/0084 A61M3/0279 A61B17/22 A61J15/0003 A61M39/00 A61M5/00 A61M25/01 A61B17/22012 A61B17/3207 A61B17/320758 A61B17/320783 A61B2017/00685 A61B2017/22014 A61B2017/22079 A61B2017/320733 A61B2217/005 A61B2217/007 A61B2017/320012 A61B2017/320028 A61B2017/320775 A61B2090/034

European class: A61B1/018 A61B19/34 A61M25/00 B08B9/043M K61B19/34B K61J15/00 K61M25/00K

US class: 1/1 134/166C 134/166R 134/22.11 134/8 137/315.24 137/854 15/104.03 15/104.05 15/93.1 600/29 600/30 600/31 604/249 604/264 604/267 604/267P 604/288.03 604/35 604/43 604/500 604/537 604/540 604/541 604/544 604/8 604/9 604/95.01 623/23.64 623/23.65 623/23.68 623/23.7

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Abstract:
Source: US2011106019A Devices and methods for the effective clearing of artificial tubes, especially in−situ clearing of artificial tubes in a living being are covered in this disclosure. The devices and methods provide an elongated clearing member having a first end that is coupled to a driving mechanism and having a second working end that is subjected to repetitive motion for clearing blockages within the artificial tube. The elongated clearing member includes either a fixed or an adjustable element that selectively defines the portion of the elongated clearing member that is insertable within the artificial tube. The proximal end of the clearing member is releasably secured to the driving mechanism and the driving mechanisms may comprise a wide variety of repetitive motion drivers such as voice coil motors, piezoelectric actuators, pneumatic actuators, DC motors, etc. These devices/methods may comprise a free−standing console for hands−free operation or may comprise hand−held versions. The distal working end of the clearing member may comprise tips of differing functions, including an irrigation/aspiration feature.

36) Family number: 58761866 (US2015082623A) © PatBase

Title: METHOD FOR CONSTRUCTING A STRESS–PLIANT PHYSIOLOGICAL ELECTRODE ASSEMBLY

Priority:

US20130080717	20131114	US20130080725	20131114	US20130082071	20131115
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Family:

Publication number	Publication date	Application number	Application date
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CA2982126 AA	20171006	CA20162982126	20160407
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EP3048962 A1	20160803	EP20140781023	20140925
EP3048963 A2	20160803	EP20140781025	20140925
EP3048964 A1	20160803	EP20140790391	20140924
EP3193703 A1	20170726	EP20150770777	20150916
EP3193704 A1	20170726	EP20150770778	20150916
EP3193705 A1	20170726	EP20150770779	20150916
EP3240475 A1	20171108	EP20160705409	20160204
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Probable Assignee: BARDY DIAGNOSTICS INC

Assignee(s):(std)**:** BARDY DIAGNOSTICS INC ; BARDY GUST H ; BISHAY JON MIKALSON ; FELIX JASON

Assignee(s): DREISBACH EZRA M

Inventor(s):(std)**:** BARDY GUST H ; BISHAY JON MIKALSON ; BISHEY JON MIKALSON ; DREISBACH EZRA M ; FELIX JASON ; FLOYD JARED BRANDON ; GREEN JOSHUA DJON ; HANDFELT MARK ; WILLIAMSON COREY BAILEY ; BISHAY JON M

Agent(s): INTEGRAL IP; CURLEY DONNACHA JOHN; HANNA MOORE AND CURLEY; PATRICK J S; LEONID; KRISTA A; PATRICK JS; KISSELEV LEONID ET AL; WITTMAN KRISTA A ET AL; INOUYE PATRICK JS ET AL; INOUYE PATRICK J S 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 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

International class (IPC 8–9): A61B19/00 A61B5/00 A61B5/01 A61B5/0205 A61B5/024 A61B5/0245 A61B5/03 A61B5/04 A61B5/0402 A61B5/0404 A61B5/0408 A61B5/0428 A61B5/0432 A61B5/044 A61B5/0452 A61B5/0456 A61B5/046 A61B5/0464 A61B5/0472 A61B5/087 A61B5/11 A61B5/145 A61B5/1455 A61B7/00 G06F19/00 G06F21/60 G06F21/62 H01M4/74 H03M7/30 (Advanced/Invention);
A61B5/01 A61B5/0205 A61B5/021 A61B5/03 A61B5/04 A61B5/0408 A61B5/0428 A61B5/0432 A61B5/044 A61B5/0452 A61B5/08 A61B5/087 A61B5/091 A61B5/11 A61B5/145 A61B5/1455 G01N27/30 (Advanced/Non–invention)

CPC: A61B2562/125 A61B5/021 A61B5/7282 A61B5/6801 A61B5/748 A61B5/024 A61B5/04286 A61B2562/12 A61B2562/187 A61B2562/247 A61B5/03 A61B5/14551 H01M2/1044 G06F19/3418 A61B5/0428 A61B5/725 A61B5/721 H01M4/747 G06F19/3406 A61B5/0432 A61B5/4809 A61B5/01 A61B5/091 A61B2505/07 A61B2562/0219 A61B5/04028 A61B2560/0209 H03M7/3044 A61B5/0245 A61B5/0468 A61B5/7232 A61B2560/0214 A61B2562/168 A61B5/7203 A61B5/04525 A61B5/6804 A61B2562/222 A61B2560/0468 A61B5/14552 A61B5/6832 A61B5/4818 A61B5/087 H03M7/30 H03M7/4031 A61B2560/0271 A61B2560/045 G01N27/307 A61B5/7405 A61B5/14542 A61B5/7475 A61B5/6843 A61B2503/10 A61B2560/0285 A61B5/0816 A61B5/0022 A61B2562/08 A61B5/6833 A61B5/6823 A61B5/7225 G06F21/6218 A61B2560/0487 A61B5/0404 A61B2560/0443 A61B2560/0456 A61B7/003 A61B90/90 A61B5/04017 A61B5/742 A61B5/0408 A61B2562/227 A61B5/0006 A61B5/0452 A61B5/0402 A61B5/044 A61B5/046 A61B5/0464 A61B5/0472 G06F21/604 A61B2562/06 A61B2562/166 A61B5/04087 A61B5/02055 A61B5/04085 A61B5/04325 A61B5/7455 A61B2560/0412 A61B2562/164 A61B90/96 A61B5/0456 A61B5/1116 A61B5/1117 A61B5/1118 A61B5/14532 A61B2562/0209 Y10T29/49117 A61B5/02405

US class: 1/1 29/825 600/301 600/382 600/391 600/393 600/483 600/484 600/509 600/521 600/523

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Forward Citations: WO17120596, WO17106490, WO17053926, WO16201135, WO16201118, WO16164623, US9795300, US9788735, US9788722, US9782132, US9757049, US9730641, US9717432, US9680831, US9655538, US9642538, US9619660, US9597004, US9585584, US9579020, US9554715, US9504423, US9451975, US9364151, US9226679, US9173670, US2017209064, US2017196472, US2017135231, US2017095209, US2017095153, US2016345909, US2016330829, US2016034696, US2015286813, US2015279185, US2015279171, US2015238094, US2015148646, US2015148637, US2015087951, US2015087950, US2013338448, RU168748, CN105286786,

Abstract:
Source: US2015082623A A method for constructing a stress−pliant physiological electrode assembly is provided. An electrode backing is formed from a stretchable woven textile material compatible to contact the skin on at least one surface. A pair of flexile wires is provided to serve as electrode circuit trace and electrode signal pickup. At least one of the flexile wires is sewn into the textile material which provides a stress−pliant malleability. Each of the flexile wires has an electrically−contacting area functioning for electric signal pickup. The electrically−contacting area may be sewn into the woven textile or affixed to the woven textile via conductive adhesives. The stress−pliant physiological electrode assembly is applicable for a wide array of physiological monitors, including ECG monitors, and especially is suitable for long−term wear. The method disclosed is both environmentally friendly and low−cost.

0) US2011118766A – ATTACHMENT SYSTEM, DEVICE AND METHOD

37) Family number: 48910197 (US2011118766A) © PatBase

Title: ATTACHMENT SYSTEM, DEVICE AND METHOD

Priority: EP20100779657 20101115 US20090590863 20091115 US20090590864 20091115 US20100945890 20101114 US20100964442 20101209 US20100966689 20101213 US20110035837 20110225 WO2010US56751 20101115

Family:

Publication number	Publication date	Application number	Application date
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CA2780817 AA	20110519	CA20102780817	20101115
DE602010028831 D1	20151217	DE201060028831T	20101115
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WO11060386 A2	20110519	WO2010US56751	20101115
WO11060386 A3	20111215	WO2010US56751	20101115
WO11060386 A9	20110707	WO2010US56751	20101115

Probable Assignee: THORATEC CORP

Assignee(s):(std)**:** BADIA JAMES ; COSTA RUTH ELEANOR ; HANNULA DONALD LEE ; HOARAU CARINE ; MILLER ANDREW ROSS ; REICHENBACH STEVEN H ; NGUYEN JOHN DUC ; THORATEC CORP

Assignee(s): THORATEC CORP PLEASANTON

Inventor(s):(std)**:** BADIA JAMES LUIS ; REICHENBACH STEVEN H ; NGUYEN JOHN DUC ; MILLER ANDREW ROSS ; HOARAU CARINE ; HANNULA DONALD LEE ; COSTA RUTH ELEANOR ; BADIA JAMES

Inventor(s): BADIA JAMES REDWOOD CITY ; COSTA RUTH ELEANOR MOUNTAIN VIEW ; HANNULA DONALD LEE SAN LUIS OBISPO ; HOARAU CARINE LAFAYETTE ; MILLER ANDREW ROSS WOODLANDS ; NGUYEN JOHN DUC SAN RAMON ; REICHENBACH STEVEN H PLEASANTON

Agent(s): PAPPAS IP; PHILLIPS ORMONDE FITZPATRICK; HICKS AND ASSOCIATES; KILBURN AND STRODE LLP; ZBM PATENTS ZEA BARLOCCI AND MARKVARDSEN; SQUIRE PATTON BOGGS US LLP; MORALES NORMAN L 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

International class (IPC 8–9): A61B17/11 A61B17/32 A61F2/24 A61M1/10 A61M1/12 A61N1/362 (Advanced/Invention)

CPC: A61B17/11 A61B17/320016 A61B17/32053 A61B17/3423 A61B17/3496 A61B2017/00243 A61B2017/1107 A61B2017/1135 A61B2017/3443 A61B2017/347 A61F2/24 A61M1/101 A61M1/10 A61M1/1008 A61M1/1098 A61M1/122 A61M1/12

European class:

A61B17/11 A61B17/32E A61B17/34G4A A61F2/24 A61M1/10 K61B17/00E1C K61B17/11B K61B17/11P K61B17/3205G K61B17/34G4L K61B17/34K K61B17/34S2 K61M1/10B K61M1/10C K61M1/10W2 K61M1/12C

US class: 600/16 600/16P 606/153 606/153P 606/170 606/170P 623/2.1 623/2.100S 623/2.11 623/2.110P 623/3.1 623/3.100P 623/3.100S

Classification Explorer

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Abstract:
Source: US2011118766A A ventricular assist system and a method of implanting the system are disclosed. The system can have a pump, an inflow conduit, an outflow conduit, attachment ring, ring clamp, and a valvular structure. The attachment ring can be attached to the apex of the heart. The valvular structure can have a flexible, one−way valve in a rigid housing. The inflow conduit can be passed through the valvular structure and the attachment ring into a beating heart with minimal loss of blood. Devices such as slitting tool, coring knife, and/or C−clamp and use of the devices can form part of the system and method for implanting the ventricular assist device.

38) Family number: 52815463 (US2013016020A) © PatBase

Title: DEVICES, SYSTEMS, AND METHODS FOR TESTING CRASH AVOIDANCE TECHNOLOGIES

Priority:

EP20130165521 20130426 EP20130176308 20130426 EP20140181511 20140820
EP20140181507 20140820 EP20140181518 20140820 EP20150180530 20130426
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Family:

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US2013016027 AA	20130117	US20120532396	20120625
US2013017346 AA	20130117	US20120532366	20120625
US2013018526 AA	20130117	US20120357526	20120124
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US2014039727 AA	20140206	US20130050039	20131009
US2014045631 AA	20140213	US20130050048	20131009
US2014058589 AA	20140227	US20130062287	20131024
US2014195075 AA	20140710	US20140207892	20140313
US8428863 BB	20130423	US20120532366	20120625
US8428864 BB	20130423	US20120532383	20120625
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US8583358 BB	20131112	US20120532417	20120625	
US8589062 BB	20131119	US20120532430	20120625	
US8706395 BB	20140422	US20130050039	20131009	
US8751143 BB	20140610	US20130050039	20131009	
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US8762044 BB	20140624	US20130062287	20131024	
US9182942 BB	20151110	US20140207892	20140313	

Probable Assignee: DYNAMIC RES INC

Assignee(s):(std)**:** BOZIN NENAD ; BROEN PETER ; DYNAMIC RES INC ; SILBERLING JORDAN ; KELLY JOSEPH ; ZELLNER JOHN

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Inventor(s):(std)**:** BOZIN NENAD ; BROEN PETER ; KELLY JOSEPH ; SILBERLING JORDAN ; ZELLNER JOHN

Inventor(s): ZELLNER JOHN TORRANCE ; SILBERLING JORDAN TORRANCE ; KELLY JOSEPH TORRANCE ; BROEN PETER TORRANCE ; BOZIN NENAD TORRANCE

Agent(s): VIERING JENTSCHURA AND PARTNER MBB PATENT U RECHTSANWAELTE; VIERING JENTSCHURA AND PARTNER; VIERING JENTSCHURA AND PARTNER MBB PATENT U RECHTSANWAELTE; LLAGOSTERA MARIA DEL CARMEN; MANUEL F; MANUEL

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class(IPC 8–9)**:** B23P11/00 B32B3/06 B60T17/22 B60T7/12 B60T7/16 B60T7/18 B60T7/22 B60T8/17 B60T8/88 B60W30/08 B62B5/00 F16H7/10 F16H7/14 G01M17/007 G01S1/04 G05D1/00 G05D1/02 G06F17/00 G06F17/10 G06F7/00 G06G1/16 G06G7/78 G08G1/16 H01P11/00 H01Q1/12 H01Q1/32 (Advanced/Invention); B60T8/34 G09B19/14 (Advanced/Non–invention)

CPC: H01Q1/20 H01Q9/32 G01S19/34 G01S19/36 G01S19/41 G01S19/14 G01S1/042 B60T7/16 G05D1/0011 F16H7/14 B60T7/18 G08G1/166 G08G1/167 H01Q1/32 H01Q1/088 H01Q1/084 H01Q1/3233 Y10T29/49016 Y10T29/49826 G01M17/0074 B60W30/08 B60T7/22 B60T2201/022 B60T8/885 B60T2260/06 B60T2270/406 F16H2007/0874 G01M17/007 G01L5/28 B60T13/745 G06F7/00 B60T8/34 G09B19/14 B60T17/221 G01M17/0078

US class: 1/1 280/79.11 29/428 29/600 303/121 342/385 343/713 343/880 343/882 428/33 434/305 439/474 474/101 474/133 474/134 474/139 52/578 701/2 701/22 701/23 701/300 701/301 701/301 701/41 701/70 73/12.01

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Forward Citations: WO16061236, WO15159091, US9804060, US9707942, US9665995, US9598078, US9575161, US9483882, US9463797, US9442489, US9182942, US9164507, US9075416, US2016154407, US2016110931, US2015344030, US2015286219, US2015168266, US2015160653, US2014309816, US2014195075, GB2525506, EP2845777, EP2845776, EP2845775, DE102016200251, DE102015226478, CN103662721, CN103163510, CN103163510,

Abstract:
Source: US2013016020A A Guided Soft Target (GST) system and method provides a versatile test system and methodology for the evaluation of various crash avoidance technologies. This system and method can be used to replicate the pre−crash motions of the CP in a wide variety of crash scenarios while minimizing physical risk, all while consistently providing radar and other sensor signatures substantially identical to that of the item being simulated. The GST system in various example embodiments may comprise a soft target vehicle or pedestrian form removably attached to a programmable, autonomously guided, self−propelled Dynamic Motion Element (DME), which may be operated in connection with a wireless computer network operating on a plurality of complimentary communication networks. Specific DME geometries are provided to minimize ride disturbance and observability by radar and other sensors. Computer controlled DME braking systems are disclosed as well as break−away and retractable antenna systems.

39) Family number: 31312086 (US2004097881A) © PatBase

Title: KINK–RESISTANT ACCESS SHEATH AND METHOD OF MAKING SAME

Priority:

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US20100877245	20100908	US20100950782	20101119	WO2004US13118	20040426
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US20140164954	20140127				

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: APPLIED MEDICAL RESOURCES CORP

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Inventor(s):(std)**:** ALDPARVAR PAYANN ; BRUSTAD JOHN R ; GADBERRY DONALD L ; HADLEY CARL B ; HART CHARLES C ; HILAL NABIL ; HILAL SAID S ; HILAL SERENE ; JOHNSON GARY M ; KAHLE HENRY ; PETRIME MATTHEW N ; PINGLETON EDWARD D ; SAKAKINE GHASSAN ; VU KENNETH K ; PRAVONG BOUN ; PINEDJIAN RAFFI S ; ADLPARVAR PAYAM ; YAWATA HARUYASU ; SERENE HILAL ; SAID S HILAL ; PAYAM ADLPARVAR ; NABIL HILAL ; MATTHEW N PETRIME ; KENNETH K VU ; JOHN R BRUSTAD ; GHASSAN SAKAKINE ; GARY M JOHNSON ; EDWARD D PINGLETON ; DONALD L GADBERRY ; CHARLES C HART ; CARL B HADLEY ; TRAN CANH T ; ALIAHMAD WASSIM R ; PRAVONGVIENGKHAM KENNII ; HILAL SERENA ; ALBRECHT JEREMY J ; WACHLI SERENE ; DEMARCHI THOMAS

Inventor(s): BRUSTAD JOHN ; ADLPARVAR PAYAM LAKE FOREST ; TRAN CANH T RANCHO SANTA MARGARITA ; PRAVONG BOUN RANCHO SANTA MARGARITA ; PINEDJIAN RAFFI S RANCHO SANTA MARGARITA ; HILAL NABIL RANCHO SANTA MARGARITA ; HART CHARLES C RANCHO SANTA MARGARITA ; BRUSTAD JOHN R RANCHO SANTA MARGARITA ; ALIAHMAD WASSIM R RANCHO SANTA MARGARITA ; ADLPARVAR PAYAM RANCHO SANTA MARGARITA ; HENRY KAHLE ; HART CHARLES ; GADBERRY DONALD ; ALBRECHT JEREMY ; TRAN CANH T GARDEN GROVE ; VU KENNETH ; THOMAS DEMARCHI ; PETRIME MATTHEW ; BOUN PRAVONG ; TRAN CANH ; PRAVONG BOUN CORONA ; PINEDJIAN RAFFI ; PINEDJIAN RAFFI S FOUNTAIN VALLEY ; PINGLETON EDWARD ; KAHLE HENRY RANCHO SANTA MARGARITA ; KAHLE HENRY TRABUCO CANYON ; KENNII PRAVONGVIENGKHAM ; JOHNSON GARY ; HILAL NABIL LAGUNA NIGUEL ; HILAL SAID ; HART CHARLES C SUMMERVILLE ; GADBERRY DONALD L RANCHO SANTA MARGARITA ; GADBERRY DONALD L SAN CLEMENTE ; HADLEY CARL ; BRUSTAD JOHN R DANA POINT ; ALIAHMAD WASSIM ; ALIAHMAD WASSIM R IRVINE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GRIFFITH HACK; BORDEN LADNER GERVAIS LLP; RACKETTE PATENTANWAELTE PARTG MBB; RACKETTE PARTNERSCHAFT PATENTANWAELTE; DREISS PATENTANWAELTE PARTG MBB; FITCHETT STUART PAUL; APPLIED MEDICAL RESOUCES CORP; APPLIED MEDICAL RESOURCES CORP; KENNETH K; PATRICK Y; MAJDALI DAVID G; BONNER CYNTHIA A; IKEHARA PATRICK Y; DAVID G; CYNTHIA A; RIMAS T

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 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 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 YU ZA ZM ZW

International class(IPC 8–9)**:** A61B1/00 A61B1/307 A61B17/00 A61B17/12 A61B17/34 A61B18/14 A61B19/00 A61B5/00 A61F2/84 A61J15/00 A61M1/00 A61M16/04 A61M25/00 A61M25/01 A61M25/06 A61M25/08 A61M25/092 A61M31/00 A61M37/00 A61M39/00 A61M5/14 A61M5/178 B29C47/02 B29C53/58 B29C65/02 B29D23/00 B29D23/18 B29D23/20 B32B37/00 B65H81/00 B65H81/06 C22C1/02 F16L11/00 (Advanced/Invention);
A61B1/01 A61B17/00 A61B17/28 A61B17/34 A61M25/00 A61M25/06 B29C53/58 B29C63/18 B29D23/18 B29K19/00 B29K83/00 B29L31/00 B32B1/08 F16L11/24 (Advanced/Non–invention);
A61B1/00 A61B17/00 A61B17/34 A61B5/00 A61F2/82 A61J15/00 A61M1/00 A61M16/04 A61M25/00 A61M25/01 A61M25/06 A61M25/08 A61M31/00 A61M5/14 A61M5/178 B65H81/00 F16L11/00 (Core/Invention);
A61B1/005 A61B17/00 A61B17/28 A61B17/34 A61M25/00 A61M25/06 (Core/Non–invention);
A61B (Subclass/Invention)

International class(IPC 1–7)**:** A61B1/00 A61B1/307 A61B17/34 A61B5/00 A61M1/00 A61M25/00 A61M25/01 A61M25/092 A61M31/00 A61M5/00 A61M5/178 B65H81/00

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B29L2031/7546 B32B1/08

European class: A61B17/34G A61B17/34G4 A61M25/00G A61M25/00G3 A61M25/00H A61M25/00S A61M25/00S2 A61M25/00S3 A61M25/01C10A A61M25/01C10C A61M25/01C10K A61M25/06H B29C47/00L11 B29C47/00L4 B29C47/02C B29C47/02D B29C53/60 B29D23/18 B32B1/08 F16L11/24 K61B1/005B6 K61B1/01 K61B17/00E3G K61B17/00G2 K61B17/00M K61B17/29H6R K61B17/34E K61B17/34G4 K61B17/34G4C K61M25/00S1 K61M25/00S2 K61M25/00S2A K61M25/00S2C K61M25/00S3 K61M25/06H L29C47/00J6 L29C53/58 L29C61/00C L29C63/18 L29K19/00 L29K83/00 L29L23/00 L29L31/7546

US class: 138/118 156/143 156/144 156/149 156/169 156/171 156/172 156/172S 156/173 156/175 156/175S 156/244.11 156/308.2 156/309.6 156/309.9 264/171.14 264/171.140S 264/248 264/271.1 427/2.1 427/2.100S 427/21 604/104 604/104S 604/164.07 604/164.070P 604/264 604/526 604/528 604/95.04 604/95.040P

Classification Explorer

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Abstract:
Source: US2004097881A A releasable mechanism such as a cap is adapted for use with an access sheath having an elongate tube and a handle structure disposed at a proximal end of the tube. The releasable mechanism is sized and configured to fit the handle structure, which is shaped like the bell of a horn, to further facilitate use with surgical instrumentation. The releasable mechanism may operate as a separate cap that snaps onto the handle structure to provide access pathways to the sheath. The releasable mechanism may also be disposed at a proximal end of a surgical instrument to be introduced into the access sheath such that it may be interlocked with the sheath. In a method of manufacturing a kink−resistant sheath, a wire is initially coated with a plastic material, the coated wire is then wrapped around a mandrel forming a plurality of windings, and the wound coated wire is heated until the plastic material melts and bonds the windings to form a wire−reinforced sheath. The plastic material is preferably polyurethane but may be a thermoplastic, a thermoset or any plastic material having hard and/or soft durometer. The wound coated wire may be heated by capturing the windings within a shrink tube or compressing the windings in a mold and heating the windings until the sheath is formed. In another aspect of the invention, a mandrel is used as part of an extrusion process. In another aspect of the invention, another coating or outside layer could be formed over the spring reinforcement by dipping in a solvent based solution. In yet another embodiment of the invention, a braid such as a polyester braid may be used instead of or in addition to the coil spring to form a kink−resistant sheath.

40) Family number: 30182342 (US2002022846A) © PatBase

Title: Method for fusing bone during endoscopy procedures

Priority:

CA20112736704 20110407 US20000226370P 20000818 US20010293809P 20010526
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Publication number	Publication date	Application number	Application date
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WO11047148 A3	20110929	WO2010US52662	20101014	

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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B17/32 A61B17/3211 A61B17/56 A61B17/88 A61B18/00 A61B18/12 A61B18/14 A61B18/16 A61B18/18 A61B5/053 A61F2/28 A61F2/46 A61F7/00 A61K31/195 A61K38/18 A61K38/30 A61K47/02 A61K47/04 A61K47/26 A61K47/28 A61K47/36

A61K47/42 A61K47/48 A61L24/00 A61L27/36 A61M31/00 A61M5/00 A61N1/06 A61N1/08 A61N1/18 A61N1/40 A61N2/10 A61P17/02 A61P25/00 (Advanced/Invention);
A61B17/00 A61B18/00 A61B18/14 A61B18/16 A61F2/00 A61F2/02 A61F2/30 (Advanced/Non–invention);
A61B18/14 A61N1/18 (Core/Invention);
A61B17/00 (Core/Non–invention)

International class (IPC 1–7): A61B17/08 A61B17/56 A61B17/58 A61B18/04 A61B18/14 A61B18/18 A61B19/00 A61D1/00 A61F13/00 A61F2/00 A61F2/30 A61F5/00 A61M A61N1/00 A61N1/18

CPC: A61N1/06 A61N1/306 A61N1/326 A61N1/327 A61N1/40 A61L27/3608 A61L27/365 A61L27/3683 A61L27/3691 A61B5/01 A61B18/12 A61B2017/00084 A61B17/00234 A61B17/88 A61B18/06 A61B18/1815 A61B2017/00035 A61B2018/00434 A61B2018/00452 A61B2018/00565 A61B2018/00577 A61B2018/00619 A61B2018/00791 A61F2/28 A61F2/4644 A61F2002/2821 A61F2002/30454 A61F2002/30622 A61F2002/30668 A61F2002/4635 A61F2002/4649 A61F2220/0058 A61F2250/0001 A61L24/0005 A61B18/042 A61B18/00 A61B17/3211 A61B18/14 A61B2017/0088 A61B2018/00083 A61B2018/1213 A61B2018/1472 A61B2018/1497 A61B2018/162 A61B2218/002 A61B18/1233 A61B18/148 A61B2018/00589 A61B2018/00601 A61B2018/00875 A61B2018/0091 A61B18/1206 A61B18/16

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US class: 128/898 424/422 424/93.7 424/93.700P 514/561 514/561S 514/769 514/769S 514/770 514/770S 514/772 514/772S 514/773 514/773S 514/777 514/777S 514/8.5 514/8.500S 514/8.9 514/8.900S 523/115 600/12 600/12P 604/151 604/151S 604/19 604/246 604/246S 604/48 604/82 604/82S 606/213 606/214 606/27 606/28 606/32 606/32P 606/32S 606/33 606/33P 606/34 606/34P 606/34S 606/37 606/37P 606/41 606/41P 606/41S 606/45 606/45P 606/45S 606/48 606/48S 606/49 606/49S 606/50 606/50S 606/60 606/76 606/8 606/86 606/86.00R 606/86.00RP 606/86R 607/100 607/104 607/105 607/116 607/116S 607/2 607/2S 607/3 607/3P 607/51 607/63 607/63P 607/96 607/98

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Abstract:
Source: US2002022846A A method of fusing or welding bone in vivo and in a fluid medium, comprising: harvesting a piece of autologous implant bone; treating the implant bone and/or a receiving bone to expose organic component; treating the implant bone and/or the receiving bone by de−fatting; combining the implant bone with other compounds to create an interfacing agent; adding the interfacing agent between receiving bone segments to be fused or welded; and fusing or welding in vivo, in a fluid medium, utilizing electromagnetic energy.

41) Family number: 30115635 (US2001001122A) © PatBase

Title: Devices and methods for performing a vascular anastomosis

Priority:

EP19960906389 19960213 US19950394333 19950224 US19960598513 19960208
US19960680889 19960716 US20010756447 20010108 US19990315365 19990518
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US20110073119 20110328

Family:

Publication number	Publication date	Application number	Application date
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Abstract:
Source: US2001001122A A system for performing an end−to−side vascular anastomosis, including an anastomosis device, an application instrument and methods for performing a vascular anastomosis. The system is applicable for performing an anastomosis between a vascular graft and the ascending aorta in coronary artery bypass surgery, particularly in port−access CABG surgery. A first aspect of the invention includes a vascular

anastomosis staple. A first configuration has two parts: an anchor member, forming the attachment with the target vessel wall and a coupling member, forming the attachment with the bypass graft vessel. The anastomosis is completed by inserting the coupling member, with the graft vessel attached, into the anchor member. A second configuration combines the functions of the anchor member and the coupling member into a one−piece anastomosis staple. A second aspect of the invention includes an anastomotic fitting having an inner flange over which the graft vessel is everted and an outer flange which contacts the exterior surface of the target vessel. A tailored amount of compression applied by the inner and outer flanges grips the target vessel wall and creates a leak−proof seal between the graft vessel and the target vessel. A third aspect of the invention has a flange to which the graft vessel attaches, by everting the graft vessel over the flange, and a plurality of staple−like members which attach the flange and the everted end of the graft vessel to the wall of the target vessel to form the anastomosis.

42) Family number: 28318463 (US2002165589A) © PatBase

Title: GASTRIC TREATMENT AND DIAGNOSIS DEVICE AND METHOD

Priority:

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SUSAN SCHMITT, PETERS VERNY JONES AND SCHMITT LLP; SUSAN M SCHMITT PETERS VERNY JONES AND SCHMITT LLP; PETERS VERNY JONES AND SCHMITT LLP; TOWNSEND AND TOWNSEND AND CREW LLP; INTRAPACE INC AND TOWNSEND AND TOWNSEND AND CREW LLP; INTRAPACE AND TOWNSEND AND TOWNSEND AND CREW LLP; PETERS VERNY JONES SCHMITT AND ASTON LLP; SUSAN M; BARRISH MARK D; MARK D; KILPATRICK TOWNSEND AND STOCKTON LLP; BARRISH MARK D 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/018 A61B17/00 A61B17/03 A61B17/04 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/34 A61B17/64 A61B17/94 A61B5/00 A61B5/05 A61B5/103 A61D1/00 A61F5/00 A61K9/22 A61M5/32 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/08 A61N1/18 A61N1/32 A61N1/36 A61N1/372 A61N1/375 G01N27/12 (Advanced/Invention); A61B17/00 A61B17/30 A61B17/34 A61F5/00 A61M25/02 A61N1/372 (Advanced/Non–invention); A61B1/012 A61B17/00 A61B17/03 A61B17/04 A61B17/12 A61B17/60 A61B5/00 A61B5/103 A61D1/00 A61F5/00 A61K9/22 A61M5/32 A61N1/00 A61N1/02 A61N1/04 A61N1/05 A61N1/08 A61N1/18 A61N1/32 A61N1/36 A61N1/372 G01N27/12 (Core/Invention); A61B17/00 A61B17/30 A61B17/34 A61M25/02 A61N1/372 (Core/Non–invention)

International class (IPC 1–7): A61B17/10 A61M A61N1/05 A61N1/05 A61N1/08 A61N1/18 A61N1/36 A61N1/372 C25D11/00

CPC: A61F5/0026 A61N1/0558 A61B17/00234 A61B17/0401 A61B17/12013 A61B2017/00827 A61B2017/0404 A61B2017/0414 A61B2017/0496 A61B2017/06176 A61F5/0086 A61B2560/063 A61N1/05 A61F2005/0016 A61N1/36085 A61F5/0003 A61B5/4238 A61B5/6882 A61B17/3421 A61B17/3478 A61B2017/00477 A61B2017/306 A61B2017/3488 A61M25/02 A61M2025/0233 A61M2025/028 A61N1/0509 A61N1/0517 A61N1/372 G01N27/126 A61B2017/00269 A61B2017/00004 A61B2017/00017 A61B2017/00026 A61B2017/00084 A61N1/36007 A61N1/37211 A61N1/3756 A61B17/3468 A61N1/37205

European class: A61B17/00E A61B17/04A A61B17/12L2 A61B5/42K6 A61B5/68D3D A61F5/00B A61F5/00B6B A61F5/00B6S2 A61N1/05 A61N1/05D1 A61N1/05E A61N1/05L8 A61N1/36B A61N1/36Z3E1 G01N27/12E2 K61B17/00A K61B17/00C K61B17/00C1C K61B17/00C1T K61B17/00K K61B17/00R14R K61B17/04A K61B17/04A2 K61B17/04A8 K61B17/04T K61B17/06S4 K61B17/30S K61B17/34G4 K61B17/34Q K61B17/34R2B4 K61M25/02 K61M25/02B3 K61M25/02G K61N1/05D1 K61N1/05E K61N1/36B K61N1/372

US class: 205/317 427/447S 427/488S 427/497S 427/498S 427/509S 427/77S 600/104 600/106 600/106P 600/300 600/585 600/593 601/15 601/21 604/175 604/175S 604/516 604/891.1 606/1 606/129 606/142 606/142P 606/192 606/195 606/1S 607/116 607/126 607/133 607/133P 607/133S 607/149 607/40 607/40P 607/41 607/41P 607/73

Classification Explorer

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Abstract:
Source: US2002165589A A device, system and method for diagnosing and treating gastric disorders is provided. A functional device resides within the patient's stomach and is secured to the stomach wall by an attachment device. The functional device may be a sensor for sensing various parameters of the stomach or stomach environment, or may be a therapeutic delivery device. The functional device in one embodiment provides a device, system and method for gastric electrical stimulation where stimulating electrodes are secured to the wall of the stomach by the attachment device or otherwise. A preferred device includes: at least one stimulating electrode in electrical contact with the stomach wall; an electronics unit containing the electronic circuitry of the device; and an attachment mechanism for attaching the device to the stomach wall. The functional devices may be programmed to respond to sensed information or signals. An endoscopic delivery system delivers the functional device through the esophagus and into the stomach where it is attached the stomach wall. The endoscopic instruments attach or remove the attachment devices and functional devices from the stomach and may be used to assist in determining the optimal attachment location.

0) US2006020241A – LAPAROSCOPIC INSTRUMENT AND CANNULA ASSEMBLY AN...

43) Family number: 32578243 (US2006020241A) © PatBase

Title: LAPAROSCOPIC INSTRUMENT AND CANNULA ASSEMBLY AND RELATED SURGICAL METHOD

Priority:

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Probable Assignee: COVIDIEN LP

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

International class (IPC 8–9): A61B1/00 A61B1/04 A61B1/05 A61B1/31 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/29 A61B17/32 A61B17/34 A61B17/94 A61F11/00 A61M1/00 A61M13/00 A61M25/00 A61M25/16 A61M31/00 A61M5/178 A61M5/32 (Advanced/Invention); A61B1/313 A61B17/29 (Advanced/Non–invention); A61B1/00 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/34 A61B17/94 A61F11/00 A61M1/00 A61M13/00 A61M25/00 A61M25/16 A61M31/00 A61M5/178 (Core/Invention)

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US class: 1/1 600/101 600/101S 600/109 600/109S 600/112 600/114 600/115 600/201 600/201S 600/204 600/205 600/206 600/206S 600/207 600/207P 600/208 600/208P 600/208S 600/214 600/225 600/227 600/227P 600/231 600/231P 600/233 604/164.01 604/164.03 604/164.11 604/174 604/174P 604/513 604/539 604/93.01 604/93.010P 606/108 606/185 606/185S 606/205 606/206 606/206P 606/207 606/207S 606/209 606/209S

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Abstract:
Source: US2006020241A A laparoscopic port assembly includes a cannula unit including three cannulas each extending at an acute angle relative to a base. The cannulas are flexible for receiving respective angulated laparoscopic instruments. The cannula unit is rotatingly received in a port holder for rotation about a longitudinal axis of the holder, the holder being disposable in an opening in a patient's skin.

0) US2005151067A – TAMPER PROOF CONTAINER

44) Family number: 32082565 (US2005151067A) © PatBase

Title: TAMPER PROOF CONTAINER

Priority: US20040027059 20041230 US20040535449P 20040109 US20040837883 20040503 US20060349049 20060207 US20060444160 20060531 US20050706501P 20050808 US20050687409P 20050603 US20060144160 20060531 US20040981836 20041105 US20060496029 20060728 US20060797295P 20060503 US20070796130 20070426 WO2004US43836 20041230

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Probable Assignee: 3D FUSE TECHNOLOGY INC

Assignee(s):(std)**:** BEINHOCKER GILBERT D ; GILBERT D BEINHOCKER ; TAMPER PROOF CONTAINER LICENSI ; TAMPERPROOF CONTAINER LICENSIN

Assignee(s): 3D FUSE SARL ; 3D FUSE TECHNOLOGY INC ; TAMPER PROOF CONTAINER LICENSING CORP ; TAMPERPROOF CONTAINER LICENSING CORP

Inventor(s):(std)**:** BEINHOCKER GILBERT D

Inventor(s): BEINHOCKER GILBERT

Agent(s): WEINGARTEN SCHURGIN GAGNEBIN AND LEBOVICI LLP; SCHURGIN STANLEY M ET AL

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

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Forward Citations:	WO17093525, WO16030667, WO15176917, WO14195756, WO14149410, WO13117954, WO10135146, WO10080770, WO08127495, WO08002821, WO06020927, WO06019929, USD594232, US9704357, US9653904, US9632275, US9618421, US9612219, US9515475, US9438028, US9405038, US9390601, US9389070, US9373234, US9329098, US9299451, US9251678, US9159209, US9152826, US9109944, US9046669, US9046391, US8971673, US8917177, US8909039, US8884757, US8845969, US8829889, US8815163, US8803069, US8749388, US8735798, US8715576, US8710987, US8698627, US8675329, US8664961, US8653971, US8593769, US8537009, US8531292, US8501103, US8461989, US8451572, US8405506, US8391653, US8361914, US8356493, US8344885, US8336389, US8334749, US8334229, US8333089, US8319173, US8299926, US8229259, US8207861, US8138913, US8031989, US7924166, US7911324, US7910588, US7864066, US7856157, US7843338, US7787726, US7714719, US7706641, US7671324, US7646299, US7630591, US7619226, US7608812, US7518507, US7482924, US7436316, US7436313, US7394060, US7388486, US7388166, US7332728, US7296704, US2017096094, US2017011667, US2017010232, US2016363687, US2016078730, US2015254949, US2015226637, US2014153889, US2013335102, US2013187706, US2013187630, US2013170107, US2013038451, US2012255362, US2012187003, US2012135527, US2012133507, US2012068846, US2012025983, US2011260737, US2011210856, US2011210030, US2011156910, US2011095887, US2011026872, US2010307257, US2010289651, US2010289645, US2010159228, US2010141443, US2010097215, US2010073831, US2010073830, US2010073013, US2010072355, US2010072352, US2010067844, US2010018964, US2009312953, US2009174989, US2009140857, US2009115607, US2009067777, US2009002187, US2008253712, US2008237485, US2008227349, US2008192240, US2008142692, US2008106366, US2008073491, US2008042833, US2008011745, US2007296578, US2007194915, US2007152840, US2007152839, US2007152816, US2007146132, US2007109123, US2007086694, US2007037462, US2006285440, US2006261259, US2006249664, US2006175187, US2006097876, US2006077065, US2006043090, ITTO20130182, ITPI20110066, GB2544244, EP2489561, EP2442283, EP2180453, EP1873557, DE102015120783, DE102015120783, DE102014209630, DE102014004377, DE102014004377, DE102013207881, DE102011119189, CN104272079, CN103729959, CN103729959, CN103489236, CN103489236, BE1019831,

Abstract:
Source: US2005151067A A liner sheet lines at least a portion of an interior surface of a shipping container or box and defines an optical path extending across at least a portion of the sheet, such that a breach of the interior surface also alters an optical characteristic of the optical path. For example, an optical fiber can be woven into, or sandwiched between layers of, the liner sheet. The optical path is monitored for a change in an optical characteristic. If the container or box interior surface is breached, one or more portions of the optical fiber are severed or otherwise damaged, and the optical path is altered. The detected change in the optical path can be used to trigger an alarm, such as an annunciator, or to send a message that includes information concerning the container's contents or time or location of the container when the breach occurred to a central location, such as a ship's control room or a port notification system.

45) Family number: 56776484 (US2014173842A) © PatBase

Title: CONDUCTOR CLEANING BRUSH ASSEMBLY FOR OVERHEAD ELECTRIC POWER LINES

Priority:

US20120740517P 20121221
US20130046242 20131004
US20130059483 20131022
US20130085944 20131121
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US20140566803 20141211
US20140566770 20141211

Family:

Publication number	Publication date	Application number	Application date
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CA2834064 AA	20140621	CA20132834064	20131118
CA2834064 C	20170822	CA20132834064	20131118
CA2834541 AA	20140621	CA20132834541	20131128
CA2834544 AA	20140621	CA20132834544	20131128
CA2834544 C	20171010	CA20132834544	20131128
CA2834611 AA	20140621	CA20132834611	20131128
CA2835724 AA	20140621	CA20132835724	20131204
CA2836209 AA	20140621	CA20132836209	20131211
CA2836224 AA	20140621	CA20132836224	20131211
CA2836259 AA	20140621	CA20132836259	20131211
CA2836259 C	20170704	CA20132836259	20131211
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US9241559 BB	20160126	US20130096471	20131204	
US9271563 BB	20160301	US20140566803	20141211	
US9380857 BB	20160705	US20130092022	20131127	

Probable Assignee: DAVIS MURRAY W

Assignee(s):(std)**:** DAVIS MURRAY W

Assignee(s): DAVIS MURRAY W471 RENAUD ROADGROSSE POINTE WOODSMI48236US

Inventor(s):(std)**:** DAVIS MURRAY W

Inventor(s): DAVIS MURRAY W471 RENAUD ROADGROSSE POINTE WOODSMI48236US

Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; CARLSON GASKEY AND OLDS PC

International class (IPC 8–9)**:** A46B15/00 A46B9/00 A46B9/02 B08B1/00 G01B11/06 G01B11/22 G01D11/00 G01D11/30 G01J1/02 G01J1/42 G01K1/02 G01K1/08 G01K1/14 G01K13/00 G01N21/552 G01N27/22 G01R1/02 G01R1/04 G01R1/20 G01R1/22 G01R15/18 G01R19/00 G01R19/32 G01R21/02 G01R21/14 G01R31/00 G01R31/02 G01R31/08 G01R31/40 G01R5/26 G01S7/481 G01W1/00 G01W1/14 G08B21/00 G08B3/00 G08C15/06 G08C19/04 G08C19/16 H01F27/02 H01F27/22 H01F38/30 H01R4/28 H02G1/02 H02G13/00 H02G15/08 H02G3/02 H02G7/00 H02G7/05 H02G7/16 H02H3/18 H02J13/00 H02J17/00 H02J3/00 H02S20/30 H04N5/225 H04N7/18 H04N9/47 H05K9/00 (Advanced/Invention); G01R15/18 G01R25/00 G01R31/00 H01L31/0232 H02G7/00 (Advanced/Non–invention)

CPC: H02G1/02 A64B9/028 A46B2200/3073 Y10T29/49117 A46B9/028 G01B11/0616 G01D11/30 G01K13/00 G01N27/223 G01R1/20 G01R1/22 G01R15/186 G01R19/0084 G01R19/0092 G01R31/08 G01R31/086 G01R31/40 G01W1/14 H01F27/02 H01F27/22 H01F38/30 H01R4/28 H04N5/2252 H04N7/181

US class: 1/1 15/104.04 15/160 15/256.6 248/205.1 29/825 324/115 324/126 324/543 324/664 324/709 324/713 324/764.01 324/96 336/173 336/55 336/90 340/539.1 340/654 340/691.5 340/870.01 340/870.04 340/870.39 348/128 348/135 348/143 348/82 356/623 374/152 439/877 73/170.16 73/170.17 81/53.1

Classification Explorer

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Abstract:
Source: US2014173842A An electric power line conductor cleaning brush assembly includes a tubular housing having a longitudinal opening. A multitude of open disc brushes having bristles are located within an interior of the tubular housing and normal to the tubular housing.

0) US2003035917A – IMAGE MAKING MEDIUM

46) Family number: 15254881 (US2003035917A) © PatBase

Title: IMAGE MAKING MEDIUM

Priority: EP20000944650 20000612 US19990138694P 19990611 US20010012259 20011211 US20020170503 20020614 US20020012259 20020614 US20040567022P 20040430 WO2000US16111 20000612 US20090631627 20091204 US20140203327 20140310 US20140584921 20141229 US20050118975 20050428 US20170630499 20170622 US20170647051 20170711

Family:

Publication number	Publication date	Application number	Application date
AU200058715 A1	20010102	AU20000058715	20000612
AU200058715 A5	20010102	AU20000058715D	20000612
CA2394645 AA	20020618	CA20002394645	20000612
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EP1208150 A4	20050126	EP20000944650	20000612
EP1777255 A2	20070425	EP20070100176	20000612
EP1777255 A3	20070711	EP20070100176	20000612
US2003035917 AA	20030220	US20020170503	20020614
US2014186646 AA	20140703	US20140203327	20140310
US2015125829 AA	20150507	US20140584921	20141229
US2017287351 AA	20171005	US20170630499	20170622
US2017316713 AA	20171102	US20170647051	20170711
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US8669325 BA	20140311	US20090631627	20091204
US9744800 BB	20170829	US20140203327	20140310
US9786194 BB	20171010	US20140584921	20141229
WO0077085 A1	20001221	WO2000US16111	20000612

Probable Assignee: HYMAN SYDNEY

Assignee(s):(std)**:** HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):(std)**:** HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Agent(s): OSLER HOSKIN AND HARCOURT LLP; WINSTON AND STRAWN LLP

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

International class (IPC 8–9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non–invention)

International class (IPC 1–7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2 L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106

524/106S 524/609 524/612 528/502R

Classification Explorer

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Forward Citations: WO17039678, WO16168383, WO14099996, WO14021892, WO14021892, WO13109630, WO13009691, WO13003246, WO13003246, WO12145283, WO11116223, WO11014281, WO11002659, WO11002659, WO10080699, WO08154150, WO08140589, WO08130425, WO08085210, WO08046073, WO08045109, WO08044834, WO08036441, WO08022052, WO08022052, WO08016964, WO08016964, WO08016382, WO07148922, WO07137099, WO07137099, WO07044862, WO07044007, WO06108060, USD750887, USD716057, USD546931, USD542400, USD541922, US9806275, US9796153, US9786194, US9786088, US9753295, US9735298, US9733393, US9727989, US9719263, US9718980, US9715678, US9706802, US9690450, US9690448, US9683305, US9676963, US9675995, US9665850, US9658743, US9645698, US9630206, US9630068, US9619116, US9598606, US9588781, US9574092, US9563115, US9550209, US9549149, US9542667, US9514399, US9513781, US9484123, US9453942, US9453142, US9449250, US9448465, US9416229, US9408431, US9406726, US9385321, US9383586, US9375975, US9342918, US9338114, US9319103, US9317079, US9296912, US9278510, US9261361, US9252013, US9238712, US9223477, US9218300, US9182590, US9171443, US9160197, US9157249, US9121133, US9120149, US9109356, US9098837, US9098473, US9088691, US9058141, US9054329, US9047492, US9046983, US9015624, US9015621, US9006753, US8974230, US8972230, US8970592, US8932678, US8928668, US8928667, US8922548, US8921473, US8915595, US8906804, US8876272, US8846778, US8845230, US8839139, US8830040, US8816211, US8814863, US8814862, US8799808, US8799353, US8791633, US8789490, US8783928, US8765045, US8762880, US8760726, US8743135, US8743077, US8725476, US8715889, US8711452, US8691915, US8689137, US8685260, US8682169, US8681495, US8673681, US8647883, US8638333, US8638199, US8627222, US8619427, US8616885, US8605090, US8603730, US8603616, US8597455, US8562182, US8544376, US8535274, US8513321, US8507029, US8506748, US8484578, US8477148, US8470617, US8439461, US8428495, US8424200, US8416339, US8410913, US8402096, US8384288, US8377111, US8363411, US8361266, US8343412, US8337653, US8334012, US8330839, US8302014, US8290301, US8274715, US8274533, US8267692, US8257786, US8255828, US8241574, US8239882, US8215726, US8211603, US8205352, US8201103, US8176829, US8176828, US8157872, US8150930, US8148166, US8146016, US8133639, US8117542, US8101711, US8076153, US8075300, US8057552, US8014889, US7998412, US7989346, US7985490, US7980000, US7932482, US7914707, US7897322, US7895531, US7890384, US7886290, US7853877, US7828922, US7807473, US7786670, US7781514, US7748137, US7747966, US7739259, US7723416, US7716593, US7707255, US7704643, US7703036, US7687744, US7683116, US7666330, US7660750, US7648603, US7643734, US7635548, US7632916, US7628543, US7589340, US7588872, US7555707, US7539606, US7514263, US7509000, US7461587, US7393474, US7392249, US7387397, US7318374, US7305434, US7282430, US7281811, US7232651, US7175329, US7157283, US7074847, US2017217247, US2016200920, US2016141540, US2016068702, US2016067366, US2016056216, US2016050390, US2016017480, US2015315012, US2015301348, US2015197590, US2015169118, US2015138499, US2015016648, US2014355112, US2014338597, US2014328373, US2014315183, US2014274641, US2014245520, US2014226200, US2014217122, US2014196843, US2014174645, US2014109495, US2014096016, US2014073235, US2013337175, US2013335505, US2013329281, US2013162192, US2013153428, US2013070307, US2012326204, US2012236393, US2012213966, US2012205140, US2012154753, US2012121835, US2012104375, US2012083568, US2011311906, US2011302807, US2011292420, US2011217213, US2011216020, US2011180202, US2011126578, US2011123911, US2011117335, US2011108086, US2011091985, US2011048277, US2011045193, US2011021023, US2010323131, US2010311302, US2010277065, US2010265307, US2010250649, US2010242515, US2010223575, US2010211889, US2010202683, US2010201711, US2010181585, US2010180226, US2010156765, US2010153234, US2010144449, US2010112458, US2010110093, US2010110068, US2010103437, US2010099905, US2010097388, US2010097383,

US2010097382, US2010065463, US2010062962, US2010051901, US2010048819, US2010000770, US2009321972, US2009319911, US2009319619, US2009294080, US2009283778, US2009283742, US2009280245, US2009278141, US2009275167, US2009249339, US2009222763, US2009217813, US2009217192, US2009215209, US2009215208, US2009208753, US2009202796, US2009126396, US2009124736, US2009124090, US2009119175, US2009117351, US2009100566, US2009096362, US2009084413, US2009083656, US2009078314, US2009021697, US2009016682, US2009013596, US2009007003, US2008305310, US2008303885, US2008196630, US2008178489, US2008178110, US2008169585, US2008151193, US2008131655, US2008111969, US2008095500, US2008092308, US2008081162, US2008044627, US2008038652, US2008038651, US2008038650, US2008029213, US2008028658, US2008026140, US2008018638, US2008018637, US2008018628, US2007270969, US2007268285, US2007268281, US2007265385, US2007257235, US2007218775, US2007207196, US2007146431, US2007092973, US2007084506, US2007082817, US2007071963, US2007069634, US2007062376, US2007061738, US2007061308, US2007055943, US2007055936, US2007047217, US2007041190, US2007024879, US2007020556, US2007010609, US2007006206, US2006263696, US2006238117, US2006222347, US2006219962, US2006214577, US2006194120, US2006182975, US2006180810, US2006173095, US2006159841, US2006134316, US2006114268, US2006102891, US2006094975, US2006069604, US2006065889, US2006055691, US2006036965, US2006036964, US2006036950, US2006036945, US2006011617, US2005214481, US2005197021, US2005195598, US2005154142, US2005154071, US2005148676, US2005118430, US2005105108, US2005097465, US2005064942, US2005064941, US2005009231, US2005005249, US2005004989, US2004259070, US2004219457, US2004196298, US2004182247, US2004148436, US2004029043, US2004024130, US2004023398, US2003153240, US2003090484, US2003035756, TWI416751, TWI402310, TWI395674, RU2568877, RU2563457, KR20150012315, KR101689566, EP2193904, EP1688456, CN103548096, CN103124881, CN103124881, CN102473648, CN102371833,

Abstract:
Source: US2003035917A The invention relates to an image support medium for creation of an aesthetic image that is an work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2– or 3–dimensional shape.

0) US2009270888A – CATHETER SYSTEM AND METHOD FOR BORING THROUGH B...

47) Family number: 43924649 (US2009270888A) © PatBase

Title: CATHETER SYSTEM AND METHOD FOR BORING THROUGH BLOCKED VASCULAR PASSAGES

Priority: US20080108433 20080423 US20110277167 20111019 WO2009US41579 20090423 US20130752325 20130128

Family:

Publication number	Publication date	Application number	Application date
AU2009240503 AA	20091029	AU20090240503	20090423
AU2009240503 BB	20140828	AU20090240503	20090423
CA2722401 AA	20091029	CA20092722401	20090423
CA2722401 C	20161004	CA20092722401	20090423
CN102014773 A	20110413	CN200980114243	20090423
CN102014773 B	20140507	CN200980114243	20090423
EP2278926 A1	20110202	EP20090735792	20090423
EP2278926 A4	20130925	EP20090735792	20090423
EP2278926 B1	20170412	EP20090735792	20090423
JP2011518618 T2	20110630	JP20110506458T	20090423
JP5419965 B2	20140219	JP20110506458T	20090423
US2009270888 AA	20091029	US20080108433	20080423
US2012041307 AA	20120216	US20110277167	20111019
US2012209112 AB	20120816	US20110277167	20111019
US2013138128 AA	20130530	US20130752325	20130128
US8062316 BB	20111122	US20080108433	20080423
US8361097 BB	20130129	US20110277167	20111019
WO09132218 A1	20091029	WO2009US41579	20090423

Probable Assignee: AVINGER INC

Assignee(s):(std)**:** AVINGER INC ; SIMPSON JOHN B ; PATEL HIMANSHU N ; PATEL HIMANSHU ; SIMPSON JOHN

Assignee(s): PDL BIOPHARMA INC ; CRG PARTNERS III CAYMAN LP ; CRG PARTNERS III LP ; CRG PARTNERS III PARALLEL FUND A LP ; CRG PARTNERS III PARALLEL FUND B CAYMAN LP

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Inventor(s): HIMANSHU N PATEL ; JOHN B SIMPSON

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BORDEN LADNER GERVAIS LLP; DEE IAN MARK; POTTER CLARKSON LLP; SHAY GLENN LLP; SHOOP RICHARD D 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 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

International class (IPC 8–9): A61B17/00 A61B17/22 A61B17/221 A61B17/32 A61B17/3207 A61B17/34 A61B18/00 A61B18/12 A61B18/18 A61B18/20 A61B6/00 A61D1/02 A61M25/09 (Advanced/Invention); A61B18/14 A61B18/24 (Advanced/Non–invention); A61B17/22 (Core/Invention)

CPC: A61B17/32002 A61B17/22012 A61B17/32075 A61B17/320758 A61B18/1492 A61B18/24 A61B2017/00336 A61B2017/00398 A61B2017/22094

European class: A61B17/3207R K61B17/00E3S K61B17/00F4 K61B17/22B2 K61B17/22T K61B17/3207P K61B18/14V K61B18/24

US class: 600/435 600/435P 604/508 604/508S 606/14 606/14S 606/159 606/159P 606/159S 606/171 606/185 606/33 606/33S 606/80

Classification Explorer

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DE202006018883 U1

Forward Citations: WO16171963, WO16133932, WO14163954, WO14143064, WO13123007, WO13071299, US9814862, US9801650, US9801647, US9788854, US9788790, US9775969, US9770259, US9770172, US9757200, US9730613, US9717520, US9709379, US9687267, US9687266, US9668765, US9642646, US9636139, US9636138, US9623211, US9622762, US9622706, US9615850, US9612105, US9596993, US9592075, US9585667, US9579494, US9579157, US9572492, US9566111, US9557156, US9549755, US9549718, US9532844, US9532799, US9532797, US9498600, US9498247, US9486237, US9486143, US9478940, US9456872, US9445834, US9415242, US9408998, US9383263, US9367965, US9360630,

US9345510, US9345406, US9345398, US9326789, US9324141, US9307926, US9301687, US9292918, US9286673, US9283040, US9241734, US9241733, US9220530, US9204893, US9192566, US9192426, US9192406, US9125562, US9119662, US9107590, US9060806, US9044568, US9028512, US8998937, US8998936, US8992717, US8979877, US8961546, US8956376, US8920450, US8911459, US8852166, US8808186, US8784440, US8764700, US8740835, US8696695, US8696612, US8690818, US8644913, US8597315, US8574249, US8548571, US8496677, US8469979, US8414604, US8361097, US8328829, US8246640, US8226674, US8192452, US2016120605, US2015258258, US2015209065, US2015080700, US2014222048, US2013110147, US2011201974, US2011054503, US2011021926, US2010305452, US2010274270, US2010125253, US2008319376, EP3135232, EP2854654, EP2716240, EP2640284, CN105852932,

Abstract:
Source: US2009270888A A rotating cutting head catheter for passage through chronic total occlusions or other refractory atherosclerotic plaque from diseased arteries is disclosed. The catheter's rotating cutting head is designed to reside safely within an outer protective sheath when not in use. The outer protective sheath contains one or more helical groves or slots, and the cutting head contains protruding blades or projections that fit into these helical groves or slots. Application of torque to an inner catheter or wire attached to the cutting head applies spin to the cutting head, and the force of the sheath's helical groves or slots against the cutting head's protruding blades or projections advances the cutting head outward from the protective sheath. Once extended, the cutting head may now rotate freely. The device may use a guidewire to direct the cutting head to the desired position.

0) GB2531911A – SAFETY DEVICE FOR A ROMAN BLIND ASSEMBLY

48) Family number: 57881863 (GB2531911A) © PatBase

Title: SAFETY DEVICE FOR A ROMAN BLIND ASSEMBLY

Priority: GB20140016636 20140919

Family:

Publication number	Publication date	Application number	Application date
GB201416636 A0	20141105	GB20140016636	20140919
GB201516622 A0	20151104	GB20150016622	20150918
GB2531911 A1	20160504	GB20150016622	20150918

Probable Assignee: JONES AND CO NOTTINGHAM LTD

Assignee(s):(std)**:** JONES AND CO NOTTINGHAM LTD

Inventor(s):(std)**:** ANDREW BAKER ; MICHAEL HAYES

International class (IPC 8–9): A47H3/02 E06B9/262 E06B9/326 (Advanced/Invention)

CPC: E06B2009/2622 E06B2009/3265 E06B9/262 E06B9/326 A47H3/02

Classification Explorer

Cited documents: TWM485950 Y, EP2392759 A2, DE10244033 A1,

Forward Citations: US9719296, CN106050110,

Abstract:
Source: GB2531911A The assembly comprises head and bottom rails, blind material, a lift cord and a safety device attached to the blind material proximal the bottom rail and arranged to clamp the lift cord and release it when the force upon it exceeds a predetermined amount. The safety device may comprise a plunger 25 and socket 23 with complementary openings 57, [35, fig 5] defining a clamping sleeve through which the cord extends. A biasing spring 27 may provide the clamping force. The safety device may have a structure 31 for attachment to the blind material. The structure may be a loop or hook for respectively sewing or clipping to the blind material. The loop may have teeth 43 for retaining the sewn thread. Also claimed separately is the safety device, a kit of parts for constructing the blind assembly, and a method of improving the blind assembly using the safety device.

49) Family number: 15204268 (US5657799A) © PatBase

Title: SAFETY DEVICE IN REINFORCING BARS BINDING MACHINE

Priority: EP19950116364 19951017 JP19940276975 19941017 JP19950188122 19950630

Family:

Publication number	Publication date	Application number	Application date
DE69520188 D1	20010405	DE19956020188	19951017
DE69520188 T2	20010621	DE19956020188T	19951017
DE69534859 D1	20060504	DE19956034859	19951017
DE69534859 T2	20060824	DE19956034859T	19951017
EP0708214 A1	19960424	EP19950116364	19951017
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EP0952278 A2	19991027	EP19990111138	19951017
EP0952278 A3	20010418	EP19990111138	19951017
EP0952278 B1	20060308	EP19990111138	19951017
JP2817636 B2	19981030	JP19940276975	19941017
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JP8114035 A2	19960507	JP19940276975	19941017
JP9013677 A2	19970114	JP19950188122	19950630
US5657799 A	19970819	US19950573055	19951017

Probable Assignee: MAX CO LTD

Assignee(s):(std)**:** MAX CO LTD

Assignee(s): MAX KABUSHIKI KAISHA ; MAX CO LTD TOKIO TOKYO ; MATSUKUSU KK ; MAX CO

Inventor(s):(std)**:** KUSAKARI ICHIRO ; MIYAZAKI ATUSHI ; MIYAZAKI ATSUSHI

Inventor(s): KUSAKARI ; MYAZAKI ATSUSHI ; MIYAZAKI

Designated states: DE GB SE

International class (IPC 8–9)**:** B21F15/04 B25B25/00 B65B13/22 B65B57/02 E04G21/12 (Advanced/Invention); B65B13/28 (Advanced/Non–invention); B65B13/18 B65B57/02 E04G21/12 (Core/Invention)

International class (IPC 1–7)**:** B21F15/04 B25B25/00 B65B13/22 B65B57/02 E04G21/12

CPC: B65B13/285 E04G21/122 E04G21/123

European class: E04G21/12C L65B13/28T

US class: 140/119 140/57

Classification Explorer

Cited documents: US4685493 A, JP5003494 U, JP4040686 A2, EP0249737 A2, EP0190071 A1, DE2454905 A1,

Forward Citations: WO10136530, WO10136530, WO0036249, US9808854, US9255415, US8607696, US8122916, US8025251, US7866597, US7448417, US5871036, US2011049230, US2011030836, US2010293902, US2008134908, US2007199610, EP2775069, EP2554763, EP1777360, EP1757755, CN104640647, CN104343241, CN102459784, CN102459784,

Abstract:
Source: US5657799A A safety device for a reinforcing bars binding machine which includes a wire feed device for feeding out a wire used to bind reinforcing bars together, a guide arm for guiding the fed–out wire such that the wire is wound around the intersecting portions of the reinforcing bars in a loop manner, a twisting device for holding part of the loop–wound portion of the wire and for twisting and rotating the same to thereby tighten the wire, and a cutting device for cutting off the loop–wound portion of the wire from the portion of the wire existing on the wire feed device side, wherein the guide arm is movable in the wire feeding direction, and wherein the safety device comprises: a spring normally energizing the guide arm in the opposite direction to the wire feeding

direction; and detector for detecting that the guide arm is moved in the wire feeding direction against the energization force of the spring, wherein the wire feeding device is operated in accordance with the detection of the movement of the guide arm by the detector.

50) Family number: 53242113 (US2013068226A) © PatBase

Title: COLD PLASMA TREATMENT DEVICES AND ASSOCIATED METHODS

Priority:

EP20120832476 20120914 US20070913369P 20070423 US20110535250P 20110915
US20110149744 20110531 US20090638161 20091215 US20080038159 20080227
US20120620205 20120914 US20120620236 20120914 US20120620132 20120914
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US20150949469 20151123 US20160237252 20160815 US20170419427 20170130
US20170431208 20170213

Family:

Publication number	Publication date	Application number	Application date
EP2755716 A1	20140723	EP20120831536	20120914
EP2755716 A4	20150325	EP20120831536	20120914
EP2756514 A1	20140723	EP20120830964	20120914
EP2756514 A4	20150225	EP20120830964	20120914
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EP2756516 A1	20140723	EP20120831964	20120914
EP2756516 A4	20150304	EP20120831964	20120914
EP2756517 A1	20140723	EP20120832526	20120914
EP2756517 A4	20150311	EP20120832526	20120914
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WO13040486 A1	20130321	WO2012US55615	20120914	
WO13052261 A2	20130411	WO2012US55571	20120914	
WO13052261 A3	20130627	WO2012US55571	20120914	

Probable Assignee: PLASMOLOGY4 INC

Assignee(s):(std)**:** HUMMEL ROBERT M ; JACOFSKY DAVID J ; WATSON GREGORY A ; JACOFSKY MARC C ; PLASMOLOGY4 INC ; COLD PLASMA MEDICAL TECHNOLOGIES INC

Assignee(s): COLD PLASMA TECHNOLOGIES INC

Inventor(s):(std)**:** HUMMEL ROBERT M ; JACOFSKY DAVID J ; JACOFSKY MARC C ; WATSON GREGORY A

Agent(s): FRASER KAREN; ROUND EDWARD MARK; STERNE KESSLER GOLDSTEIN AND FOX PLLC; GORDON LORI A ET AL; GORDON LORI 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

International class (IPC 8–9): A61L2/00 A61L2/08 A61L2/14 A61M15/02 A61M16/06 A61M16/12 A61M25/00 A61M35/00 A61M37/00 A61N1/00 A61N1/40 A61N1/44 B23K10/00 F16J13/00 H01J37/32 H01J7/00 H01J7/24 H02M1/00 H05H1/24 H05H1/46 H05H1/48 (Advanced/Invention); A61N1/40 A61N1/44 H05H1/24 (Advanced/Non–invention)

CPC: H05H2001/2412 H05H1/2406 A61L2/00 H05H2245/1225 H05H2001/466 A61M35/003 A61M25/00 A61M2202/048 A61M16/06 H01J37/32348 A61L2/0094 A61L2/14 A61M15/02 A61M16/12 A61M2202/0208 A61M2202/025 A61N1/40 H01J37/32825 H05H2001/4682 H05H2240/20 H05H2245/122 H05H2277/10 H01J37/3244 H01J37/3266 A61M16/0627 A61L2/0011 A61L2202/11 H01J37/321 H05H1/46 A61N1/44

US class: 1/1 128/203.29 206/0.6 219/121.5 219/121.59 315/111.21 315/111.51 315/111.71 315/111.81 315/111.91 422/22 604/23 604/24 607/104

Locarno class: 20/66

Classification Explorer

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Forward Citations: WO17117146, WO17004080, WO16048689, WO15095810, WO15059702, WO14203218, WO14106258, US9814647, US9788404, US9782852, US9757196, US9744372, US9737954, US9685306, US9672460, US9666415, US9663754, US9656095, US9643273, US9570273, US9558918, US9538630, US9521736, US9498637, US9481050, US9440057, US9437401, US9418820, US9395715, US9384947, US9363881, US9295280, US9257264, US9220162, US8896211, US2017156200, US2017136253, US2017087372, US2016358752, US2016354614, US2016287310, US2016233061, US2016136062, US2015373824, US2015343231, US2015257964, US2015221476, US2015209595, US2015156857, US2015127079, US2015001193, US2014188071, US2014161947, US2014069895, US2013072859, US2013069530, US2012288934, US2012229029, FR3007273, CN103917035,

Abstract:
Source: US2013068226A An inhalable cold plasma mask device for generation of a breathable cold plasma for delivery to a patient. A biocompatible gas is received in a dielectric barrier discharge (DBD) device that is energized by an electrode that receives energy from a pulsed source. The DBD device can be grounded by a grounding structure. A grounding screen can be used prior to inhalation of the cold plasma. The inhalable cold plasma mask device includes the use of a single−layer or a two−layer approach to its construction. The inhalable cold plasma mask device can have one or two DBD devices. Such a device and associated method can be used to treat upper respiratory tract infections, as well as reducing inflammation, sinus and esophageal polyps in both size and frequency of occurrence.

0) US2009024072A – METHODS AND SYSTEMS FOR ESTABLISHING RETROGRADE...

51) Family number: 42853868 (US2009024072A) © PatBase

Title: METHODS AND SYSTEMS FOR ESTABLISHING RETROGRADE CAROTID ARTERIAL BLOOD FLOW

Priority:

EP20080782096 20080718 JP20100517195 20080718 US20070950384P 20070718
US20080026308P 20080205 US20080088680P 20080813 US20080026308 20080205
US20080176250 20080718 US20080109383P 20081029 US20080094797P 20080905
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WO2008US70542 20080718 WO2009US33208 20090205 WO2009US53621 20090812

Family:

Publication number	Publication date	Application number	Application date
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JP2011510796 T2	20110407	JP20100545987T	20090205
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JP2013215589 A2	20131024	JP20130118679	20130605
JP5290290 B2	20130918	JP20100517195T	20080718
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Probable Assignee: SILK ROAD MEDICAL INC

Assignee(s):(std)**:** CHOU TONY M ; CRIADO ENRIQUE ; GARRISON MICHI E ; HYDE GREGORY M ; RENATI RICHARD ; SCHAER ALAN ; WESTERN DIGITAL TECH INC ; SILK ROAD MEDICAL INC ; RENATI RICHARD J ; SCHAER ALAN K

Assignee(s): WESTERN DIGITAL TECHNOLOGIES INC ; SILK ROAD MEDICAL INC SUNNYVALE ; US BANK NATIONAL ASSOCIATION COLLATERAL AGENT AS ; CRG PARTNERS III PARALLEL FUND B CAYMAN LP ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; CRG PARTNERS III CAYMAN LP ; CRG PARTNERS III LP ; CRG PARTNERS III PARALLEL FUND A LP

Inventor(s):(std)**:** ALAN SCHAER ; CHOU TONY M ; CRIADO ENRIQUE ; FOISY GREGORY G ; GARRISON MICHI E ; HYDE GREGORY M ; LITTLE AARON D ; RENATI RICHARD ; RENATI RICHARD J ; RICHARD RENATI ; SCHAER ALAN ; SCHAER ALAN K

Inventor(s): SCHAER ALAN SAN JOSE ; RENATI RICHARD LOS GATOS ; HYDE GREGORY M MENLO PARK ; GARRISON MICHI E HALF MOON BAY ; CRIADO ENRIQUE ANN ARBOR ; CHOU TONY M HILLSBOROUGH

Agent(s): KRAMER BARSKE SCHMIDTCHEN PATENTANWAELTE PARTG MBB; CRUMP JULIAN RICHARD JOHN; CAMPBELL ANNE ELIZABETH; MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC; FRED C; HERNANDEZ FRED C 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

International class(IPC 8–9)**:** A61B17/00 A61B17/02 A61B17/04 A61B17/12 A61B17/135 A61B17/22 A61B17/3207 A61B17/34 A61B34/30 A61B5/02 A61B5/026 A61B8/06 A61B8/08 A61F2/01 A61F2/06 A61F2/82 A61F2/84 A61F2/844 A61F2/915 A61F2/95 A61F2/954 A61F2/958 A61F2/966 A61M1/00 A61M1/34 A61M1/36 A61M25/00 A61M25/04 A61M25/10 A61M25/14 A61M27/00 A61M29/00 A61M29/02 A61M39/06 A61M39/22 A61M5/00 G11B21/08 (Advanced/Invention); A61B17/00 A61B17/22 A61B17/3207 A61B17/34 A61F2/01 A61F2/06 A61F2/856 A61F2/90 A61F2/95 A61F2/954 A61M25/04 A61M25/06 (Advanced/Non–invention); A61F2/82 A61M1/00 A61M25/02 A61M29/00 A61M29/02 (Core/Invention)

CPC: A61M2025/0233 G11B25/043 G11B5/4846 A61B2017/047 A61B2017/0477 A61B2017/0496 A61B2017/22038 A61B2017/22067 A61F2002/061 A61M25/0662 A61M29/02 A61B17/12009 A61B17/1355 A61B2017/00022 A61F2/95 A61M1/3621 A61M27/002 A61B17/0057 A61B17/0469 A61B2017/0065 A61B2017/00663 A61B2017/00668 A61B2017/00778 A61B2017/00986 A61B2017/0472 A61B2017/22047 A61B2017/3482 A61B2017/3484 A61F2/856 A61F2/90 A61F2002/065 A61F2002/067 A61F2002/9511 A61F2002/9517 A61F2250/0037 A61M1/3613 A61M1/3659 A61M25/04 A61M2025/0681 A61M2025/1052 A61F2/915 A61F2/844 A61F2002/011 A61B17/3207 A61B2017/320716 A61M25/104 A61F2/954 A61B17/0218 A61F2/013 A61B17/12045 A61B17/12109 A61F2/82 A61M39/06 A61M5/007 A61M1/34 A61M39/22 A61B8/06 A61B8/488 A61B2017/12127 A61M2205/3331 A61M1/3655 A61B34/30 A61M25/0618 A61M25/10 A61F2/958 A61F2/966 A61F2002/9583 A61M1/36 A61M2205/33 A61M2205/3334

European class: A61B17/00P A61B17/04E A61B17/12L A61B17/135B A61B17/3207 A61F2/95 A61F2/954 A61F2/958 A61F2/966 A61M1/36C A61M25/04 A61M25/06H A61M25/10 A61M25/10P A61M29/02 G11B25/04R G11B5/48A5 K61B17/00C1 K61B17/00P11A K61B17/00P11S K61B17/00P11T K61B17/00R4 K61B17/00X1 K61B17/04E2 K61B17/04E3 K61B17/04E6 K61B17/04T K61B17/22G K61B17/22G6 K61B17/22H7B K61B17/3207D K61B17/34R2 K61B17/34R2B K61F2/06A K61F2/06D K61F2/06D2 K61F2/856 K61F2/90 K61F2/95

K61F2/954 K61F2/958B K61F2/95D2 K61F2/95H K61F2/966 K61F250/00N18 K61M1/36A6 K61M1/36C7D K61M25/02B3 K61M25/04 K61M25/06H2 K61M25/10 K61M25/10Z4

US class: 1/1 360/264.2 600/204 600/431 600/504 600/504S 604/509 604/509S 604/8 604/8P 604/8S 604/9 604/9P 604/9S 606/108 606/191 606/191S 606/194 606/194S 606/200 606/200S 623/1.11 623/1.110P 623/1.110S 623/1.2 623/1.200S

Classification Explorer

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Abstract:
Source: US2009024072A Interventional procedures on the carotid arteries are performed through a transcervical access while retrograde blood flow is established from the internal carotid artery to a venous or external location. A system for use in accessing and treating a carotid artery includes an arterial access device, a shunt fluidly connected to the arterial access device, and a flow control assembly coupled to the shunt and adapted to regulate blood flow through the shunt between at least a first blood flow state and at least a second blood flow state. The flow control assembly includes one or more components that interact with the blood flow through the shunt.

0) US2005125020A – METHODS AND APPARATUS FOR ANCHORING WITHIN THE ...

52) Family number: 31978838 (US2005125020A) © PatBase

Title: METHODS AND APPARATUS FOR ANCHORING WITHIN THE GASTROINTESTINAL TRACT

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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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 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

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A61B17/00 A61B17/22 A61B17/34 A61F11/00 (Core/Invention)

International class (IPC 1–7): A61B17/04 A61F2/00 A61F2/04 A61F2/06 A61F5/00 A61M29/00

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A61B2017/347 A61F2220/0008 A61F2220/0016 A61F2220/0058 A61F2220/0066 A61F5/0076 A61F2/04 A61F2/848

European class: A61B17/04A A61B17/04G A61B17/12L2 A61B17/221 A61F2/04 A61F2/06S6N2 A61F2/91 A61F2/915 A61F5/00B6N K61B1/00E4H4 K61B1/018 K61B17/00E3E K61B17/00E3S K61B17/00E5 K61B17/04A21 K61B17/06B K61B17/12 K61B17/221P K61B17/22E8 K61B17/34K K61F2/04S K61F2/06S2 K61F2/848B K61F2/915F2 K61F2/915G2 K61F2/95 K61F2/95D2

US class: 1/1 128/898 604/8 604/8P 606/108 606/108P 606/108S 606/155 606/155P 606/191 606/191P 623/23.64 623/23.640P 623/23.65 623/23.650P 623/23.7 623/23.700S

Classification Explorer

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Abstract:
Source: US2005125020A The present invention relates to an anchor configured for minimally−invasive implantation and sized to remain securely positioned within at least a portion of the gastrointestinal tract of an animal. The anchor includes a radial spring formed from an elongated resilient member shaped into an annular wave pattern about a central axis. The anchor defines a central lumen and provides an outward radial force, while allowing for substantial flexure about its perimeter. The anchor is generally removable, but can include fasteners, such as barbs, to further secure it to the surrounding anatomy. In some embodiments, the anchor includes a connector coupling a fixed portion to a removable portion. Further, the anchor can be used to secure a medical device within the body, such as a flexible sleeve within the intestine.

53) Family number: 49934130 (US2011277756A) © PatBase

Title: ACTIVATION TRIGGER FOR A PERSONAL VAPORIZING INHALER

Priority:

US20100780871	20100515	US20100780872	20100515	US20100780874	20100515
US20100780876	20100515	US20100780875	20100515	US20100780873	20100515
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US20150701046	20150430	US20140987005P	20140501		

Family:

Publication number	Publication date	Application number	Application date
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WO11146375 A2	20111124	WO2011US36614	20110516
WO11146375 A3	20120329	WO2011US36614	20110516

Probable Assignee: RAI STRATEGIC HOLDINGS INC

Assignee(s):(std)**:** MINSKOFF NOAH MARK ; TERRY NATHAN ANDREW ; NATE TERRY AND MICHAEL EDWARD BREEDE ; MINUSA HOLDINGS LLC ; RAI STRATEGIC HOLDINGS INC ; REYNOLDS TOBACCO CO R

Assignee(s): RJ REYNOLDS TOBACCO CO ; R J REYNOLDS TOBACCO CO ; BREEDE MICHAEL EDWARD ; DUFFIN LAWRENCE ; GENERAL ELECTRIC CO ; MINSKOFF NOAH M

Inventor(s):(std)**:** TERRY NATHAN ANDREW ; MINSKOFF NOAH MARK

Agent(s): NEUDECK LAW FIRM LLC; BRINKS GILSON AND LIONE; NEUDECK ALEXANDER J

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 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

International class (IPC 8–9): A24B15/16 A24D1/14 A24F15/00 A24F47/00 A24F7/00 A24F7/02 A61B5/08 A61M11/04 A61M15/00 A61M15/06 A61M16/10 B01F3/04 B65D85/00 F21V33/00 G06F12/00 G06F19/00 H01M10/46 H01R43/00 H04L29/10 H05B3/00 H05B3/06 H05B3/12 H05B3/14 H05B3/40 H05B3/46 (Advanced/Invention); A61M11/04 A61M16/00 (Advanced/Non–invention)

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European class: A24F47/00B2E A61M11/04H A61M15/06 K61M11/04H2 K61M15/00A20C K61M15/00C1P1 K61M16/00A8B K61M205/02A K61M205/02K K61M205/13

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US class: 1/1 128/200.11 128/200.12 128/202.21 128/202.210P 128/203.12 128/203.120P 128/203.120S 128/203.16 128/203.23 128/203.26 128/203.260P 128/204.13 131/273 131/328 131/329 206/459.1 206/459.100P 261/119.1 261/142 261/152 261/94 29/428 29/825 320/114 392/395

Classification Explorer

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Abstract:
Source: US2011277756A A personal vapor inhaling unit is disclosed. An electronic flameless vapor inhaler unit that may simulate a cigarette has a cavity that receives a cartridge in the distal end of the inhaler unit. The cartridge brings a substance to be vaporized in contact with a wick. When the unit is activated, and the user provides suction, the substance to be vaporized is drawn out of the cartridge, through the wick, and is atomized by the wick into a cavity containing a heating element. The heating element vaporizes the atomized substance. The vapors then continue to be pulled by the user through a mouthpiece and mouthpiece cover where they may be inhaled.

0) US2017156723A – ANCHOR DELIVERY SYSTEM

54) Family number: 57351585 (US2017156723A) © PatBase

Title: ANCHOR DELIVERY SYSTEM

Priority: GB20140010977 20140619 WO2015EP63886 20150619

Family:

Publication number	Publication date	Application number	Application date
GB201410977 A0	20140806	GB20140010977	20140619
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Probable Assignee: NEOSURGICAL LTD

Assignee(s):(std)**:** NEOSURGICAL LTD

Inventor(s):(std)**:** KEATING RONAN ; RABBITTE GERARD ; CONROY DIARMUID ; WILLIAMS STEPHEN

Inventor(s): DIARMUID CONROY ; GERARD RABBITTE ; RONAN KEATING ; STEPHEN WILLIAMS

Agent(s): HANNA MOORE AND CURLEY 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 IR IS IT JP KE KG KM KN KP KR 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

International class (IPC 8–9): A61B17/04 A61B17/064 (Advanced/Invention)

CPC: A61B17/0682 A61B17/105 A61B2017/0046 A61B2017/0445 A61B2017/0647 A61B2017/2923 A61F2/0063 A61B17/064 A61B17/0401 A61B2017/0409 A61B2017/0417 A61B2017/0419 A61B2017/0464

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Cited documents: WO14061028 A1, WO13062933 A1, US2014135800 AA, US2007073316 AA, US2002188301 AA,

Abstract:
Source: US2017156723A An anchor delivery system is described. The system includes an anchor and a cooperating driver, the driver facilitating storage and delivery of the anchor/anchors into the abdominal cavity and subsequently placement of the anchor in the inner abdominal wall.

0) US2008135579A – HAND HELD DISPENSER

55) Family number: 32272862 (US2008135579A) © PatBase

Title: HAND HELD DISPENSER

Priority: US20040552207P 20040312 US20050591769 20050311 WO2005US08378 20050311

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Publication number	Publication date	Application number	Application date
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Probable Assignee: PREGIS INTELLIPACK LLC

Assignee(s):(std)**:** INTELLIPACK ; HAYDUK MATTHEW ; PREGIS INTELLIPACK CORP ; BERTRAM GEORGE ; WALKER DOUG ; WALKER DOUGLAS

Assignee(s): US BANK NATIONAL ASSOCIATION ; PREGIS INTELLIPACK LLC ; PREGIS INTELLIPACK LLC F K A PREGIS INTELLIPACK CORP ; PREGIS LLC F K A PREGIS CORPORATION ; WELLS FARGO CAPITAL FINANCE LLC AGENT AS ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT AS CORP ; PREGIS INNOVATIVE PACKAGING LLC F K A PREGIS INNOVATIVE PACKAGING INC ; CREDIT SUISSE ; FS INVESTMENT ADMINISTRATIVE AGENT AS CORP ; BANK OF NEW YORK MELLON TRUST CO ; BANK OF NEW YORK MELLON TRUST CO NA ; BARCLAYS BANK PLC COLLATERAL AGENT AS ; HEXACOMB CORP ; PREGIS CORP ; PREGIS HOLDING II CORP ; PREGIS INTELLIGPACK CORP ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT AS C ; PREGIS INNOVATIVE PACKAGING INC

Inventor(s):(std)**:** BERTRAM GEORGE ; HAYDUK MATTHEW ; WALKER DOUG ; WALKER DOUGLAS

Agent(s): SMITH GAMBRELL AND RUSSELL; SMITH GAMBRELL AND RUSSELL 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 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

International class (IPC 8–9): B05B7/04 B29B7/74 B67D5/60 B67D7/78 (Advanced/Invention); B05B7/04 B29B7/00 B67D7/78 (Core/Invention)

International class (IPC 1–7): B29B7/74

CPC: Y10T29/49826 B29B7/7438 B29K2075/00 B29K2105/04

European class: B29B7/74D L29K105/04 L29K75/00

US class: 222/145.5 222/145.500P 222/145.6 222/145.600S 222/146.5 222/333 222/504 29/428 29/428S

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Abstract:
Source: US2008135579A A hand held dispenser system with associated dispensed material supply assembly as in separate source chemical foam precursor feeding into, for example, streamlined chemical passageways preferably each comprised of, in series, a castellated swivel hose filter, a valve assembly housing, a wing extensions of a manifold, which manifold supports a high efficiency drive system and is supported by a handle that provides for a compact assembly and receives a rugged trigger assembly. The manifold design provides for elongated filter and, temperature controlled cartridge heater insertion. There is further provided in a preferred embodiment a readily releasable electric source feed line plug connection at the butt end of the dispenser. The dispenser is well suited for the dispensing of methane foam as in a product packaging setting.

0) US2004127981A – DEVICES, SYSTEMS, AND METHODS FOR RETAINING A N...

56) Family number: 30468242 (US2004127981A) © PatBase

Title: DEVICES, SYSTEMS, AND METHODS FOR RETAINING A NATIVE HEART VALVE LEAFLET

Priority:

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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 IN IS IT JP KE KG KM KN KP KR KZ LA LC

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Abstract:
Source: US2004127981A Devices, systems and methods retain a native heart valve leaflet to prevent retrograde flow. The devices, systems, and methods employ an implant that, in use, rests adjacent a valve annulus and includes a retaining structure that is sized and shaped to overlay at least a portion of one or more native valve leaflets. The retaining structure retains the leaflet or leaflets it overlays, to resist leaflet eversion and/or prolapse. In this way, the implant prevents or reduces regurgitation. The implant does not interfere significantly with the opening of and blood flow through the leaflets during periods of antegrade flow.

0) US2003073908A – METHOD AND APPARATUS FOR DELIVERY OF GENES, ENZ...

57) Family number: 42024773 (US2003073908A) © PatBase

Title: METHOD AND APPARATUS FOR DELIVERY OF GENES, ENZYMES AND BIOLOGICAL AGENTS TO TISSUE CELLS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: PRO SURG INC

Assignee(s):(std)**:** 2000 INJECTX INC ; DESAI ASHVIN H ; ASHVIN H DESAI ; DESAI ASHVIN ; PRO SURG INC ; PRO SURG INC A CALIFORNIA CORP

Assignee(s): JPMORGAN CHASE BANK COLLATERAL AGENT AS ; GYRUS ACMI INC ; GOVERNOR AND CO OF BANK OF SCOTLAND ; BT COMMERCIAL A DELAWARE CORP ; NOKIA TELECOMMUNICATIONS OY ; UROHEALTH SYSTEMS INC ; ANTARES CAPITAL CORP ; CIRCON CORP ; GOVERNOR AND CO ; BT COMMERCIAL CORP ; IMAGYN MEDICAL TECHNOLOGIES INC ; ACMI CORP ; ALLEGIANCE HEALTHCARE CORP ; ANTARES CAPITAL AGENT AS CORP ; ANTARES CAPITAL AGENT CORP AS

Inventor(s):(std): DESAI ASHVIN H ; DESAI ASHVIN

Inventor(s): ASHVIN H DESAI ; ASHVIN DESAI

Agent(s): FISH AND RICHARDSON PC; PILLSBURY WINTHROP SHAW PITTMAN LLP; DAVID H

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE 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

International class (IPC 8–9): A61B17/00 A61B17/34 A61B17/42 A61B18/00 A61B18/14 A61B19/00 A61F7/00 A61K31/03 A61K31/137 A61K31/19 A61K31/335 A61K31/337 A61K31/355 A61K31/59 A61K31/716 A61K38/17 A61K38/43 A61K39/21 A61K51/00 A61K9/00 A61M1/00 A61M31/00 A61M36/06 A61M36/14 A61N5/06 (Advanced/Invention); A61B1/018 A61B17/00 A61B17/22 A61B17/34 A61B18/00 A61B19/00 A61B6/12 A61K48/00 A61M25/00 A61N5/06 (Advanced/Non–invention); A61B17/00 A61B17/34 A61B17/42 A61B18/14 A61B19/00 A61F7/00 A61K31/02 A61K31/137 A61K31/185 A61K31/335 A61K31/337 A61K31/352 A61K31/716 A61K38/17 A61K38/43 A61K39/21 A61K51/00 A61K9/00 A61M1/00 A61M31/00 A61M36/00 (Core/Invention); A61B1/012 A61B17/00 A61B17/22 A61B17/34 A61B18/00 A61B19/00 A61B6/12 A61K48/00 A61M25/00 A61N5/06 (Core/Non–invention); A61M (Subclass/Invention)

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Abstract:
Source: US2003073908A A method and apparatus for delivery of genes, enzymes and biological agents to tissue cells, including a method and apparatus wherein treatment fluids, including genes, enzymes and biological agents, are injected into a target area of a body providing selective attachment to the specific target cells without affecting normal tissue cells. The method is used to treat prostate cancer, breast cancer, uterine cancer, bladder cancer, stomach, lung, colon, and brain cancer, etc. A hollow core needle is inserted into a body, the needle being visually guided by a selected imaging technique. A first embodiment utilizes an endoscopic instrument, wherein a probe is inserted into the body, guided by the endoscope to the vicinity of the target area. The hollow core needle is guided to the vicinity by a channel through the probe. A needle adjustment apparatus is used to extend or retract the needle and adjust needle tip orientation toward a target area. The endoscope provides a view to an operator for adjustment of the apparatus to extend the tip of the needle into and through tissue, interstitially, to a target area for deposit of the specific treatment fluid. A non−invasive imaging technique is used either alone, or in addition to the endoscope, to give an operator a view of the needle for guiding the needle tip to the precise target area. Typical non−invasive techniques include CT scan, MRI, ultrasound, etc.

0) US2011105877A – APPARATUS AND METHOD FOR DETECTING DISCONNECTIO...

58) Family number: 48843482 (US2011105877A) © PatBase

Title: APPARATUS AND METHOD FOR DETECTING DISCONNECTION OF AN INTRAVASCULAR ACCESS DEVICE

Priority: CN201080060563 20101029 EP20100795810 20101029 JP20120537127 20101029 JP20120537127T 20101029 JP20150030633 20101029 JP20160198052 20161006 US20090256735P 20091030 US20100916021 20101029 WO2010US54772 20101029 US20140521654 20141023

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: DEKA PRODUCTS PARTNERSHIP LTD

Assignee(s):(std)**:** DEKA PRODUCTS LP ; SACHS JASON M ; GRANT KEVIN L ; WILT MICHAEL J

Assignee(s): DEKA PRODUCTS PARTNERSHIP LTD ; DEKA PRODUCTS PARTNERSHIP MANCHESTER LTD ; DEKA PRODUCTS LIMITED PARTNERSHIP

Inventor(s):(std)**:** GRANT KEVIN L ; JASON M SACHS ; SACHS JASON M ; WILT MICHAEL J

Inventor(s): WILT MICHAEL J WINDHAM ; SACHS JASON M GOFFSTOWN ; GRANT KEVIN L LITCHFIELD

Agent(s): CASSAN MACLEAN; HOFFMANN EITLE; ONDA HIRONORI; ONDA MAKOTO; GORAYEB MARC J

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

International class (IPC 8–9): A61B5/04 A61M1/14 A61M1/36 G01N27/07 G01R27/14 (Advanced/Invention)

CPC: G01N27/07 G01R27/14 A61M1/3656 A61M1/3653 A61M2205/3317 A61M1/3655 A61M1/3659

European class: A61M1/36C7 G01N27/07 K61M1/36C7C

US class: 324/691 600/381 600/381P

Classification Explorer

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Forward Citations: WO17179060, US9795728, US9759710, US9724458, US9717834, US9700711, US9700660, US9677554, US9649418, US9603985, US9597442, US9555179, US9539379, US9535021, US9517296, US9517295, US9421329, US9415152, US9366781, US9364655, US9360129, US9358331, US9354640, US9352282, US9308307, US9302037, US9295772, US9272082, US9211377, US9199022, US9173998, US9157786, US9115708, US9028691, US8992189, US8992075, US8985133, US8968232, US8926561, US8926294, US8888470, US8870549, US8863772, US8771511, US8758323, US8721884, US8721879, US8708950, US8597505, US8562834, US8545698, US8535522, US8499780, US8491184, US8459292, US8425471, US8395761, US8393690, US8366655, US8366316, US8357298, US8298184, US8287495, US8197439, US2011071465, US2010057016, US2009114582, US2009107335, US2008208111,

Abstract:
Source: US2011105877A An apparatus and method are disclosed for detecting the disconnection of a vascular access device such as a needle, cannula or catheter from a blood vessel or vascular graft segment. A pair of electrodes is placed in direct contact with fluid or blood in fluid communication with the vascular segment. In one embodiment, the electrodes are incorporated into a pair of connectors connecting arterial and venous catheters to arterial and venous tubes leading to and from an extracorporeal blood flow apparatus. Wires leading from the electrodes to a detecting circuit can be incorporated into a pair of double lumen arterial and venous tubes connecting the blood flow apparatus to the blood vessel or vascular graft. The detecting circuit is configured to provide a low−voltage alternating current signal to the electrodes to measure the electrical resistance between the electrodes, minimizing both the duration and amount of current being delivered. Detection of an increase in electrical resistance between the electrodes exceeding a pre−determined threshold value may be used to indicate a possible disconnection of the vascular access device.

0) WO0056223A1 – VASCULAR CLOSURE DEVICE DISPOSITIF D'OBTURATIO...

59) Family number: 33502678 (WO0056223A1) © PatBase

Title: VASCULAR CLOSURE DEVICE

Priority: AU20000015831 19991208 IL19990129067 19990319 WO1999IL00284 19990530 WO1999IL00285 19990530 WO1999IL00670 19991208

Family:

Publication number	Publication date	Application number	Application date
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WO0056223 A1	20000928	WO1999IL00674	19991209

Probable Assignee: BY PASS INC

Assignee(s):(std)**:** BY PASS INC ; KEREN DVIR ; KILEMNIK IDO ; LOSHAKOVE AMIR

Inventor(s):(std)**:** AMIR LOSHAKOVE ; DVIR KEREN ; IDO KILEMNIK ; KEREN DVIR ; KILEMNIK IDO ; LOSHAKOVE AMIR

Agent(s): GRIFFITH HACK

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX 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

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/064 A61B17/08 A61B17/11 A61B17/115 (Advanced/Invention); A61B17/068 (Advanced/Non–invention); A61B17/00 A61B17/03 A61B17/04 A61B17/064 (Core/Invention); A61B17/068 (Core/Non–invention)

International class (IPC 1–7): A61B17/00 A61B17/04 A61B17/08 A61B17/11 A61B17/115

CPC: A61B17/0057 A61B17/064 A61B17/068 A61B17/11 A61B2017/00637 A61B2017/00663 A61B2017/00668 A61B2017/00867 A61B2017/0641

European class: A61B17/00P A61B17/064 A61B17/11 K61B17/00P11S K61B17/00P11T K61B17/00P7 K61B17/00S12 K61B17/064A K61B17/068

Classification Explorer

Cited documents: US5817113 A, US5695504 A, US5618311 A, US5478354 A, US5234447 A, US4917087 A, US4485816 A, US3908662 A,

Forward Citations: WO14120955, WO10099437, WO08150915, WO07142914, WO07142914, WO03101310, WO0245593, WO0149186, USD611144, US9789242, US9655755, US9597443, US9585647, US9585646, US9579091, US9554786, US9498196, US9486191, US9456811, US9414824, US9414820, US9402625, US9398914, US9364209, US9345476, US9332976, US9320522, US9314230, US9308311, US9295469, US9282965, US9271707, US9259215, US9241696, US9179909, US9173644, US9149276, US9089674, US9089311, US9060769, US9055946, US9050087, US9050068, US9011467, US9011364, US8956388, US8926656, US8926633, US8920442, US8905937, US8900250, US8893947, US8858594, US8858490, US8821534, US8820602, US8808310, US8784447, US8764768, US8758400, US8758399, US8758398, US8758396, US8728119, US8690910, US8672953, US8657852, US8617184, US8603136, US8603116, US8597325, US8590760, US8585836, US8574245, US8556932, US8556930, US8529587, US8518057, US8500760, US8491610, US8486108, US8486092, US8469995, US8454650,

US8449559, US8398676, US8398656, US8323312, US8313497, US8303624, US8257390, US8236026, US8226681, US8202294, US8202293, US8202283, US8192461, US8192459, US8182497, US8162963, US8066720, US8034060, US8007512, US7931669, US7918873, US7887563, US7887555, US7879071, US7875053, US7854810, US7850797, US7850709, US7850705, US7841502, US7837706, US7828817, US7819895, US7806910, US7806904, US7753250, US7744610, US7727245, US7670348, US7611523, US7585306, US7533790, US7473258, US7468066, US7458978, US7455677, US7357807, US7344544, US7335216, US7320692, US7309343, US7303569, US7223274, US7211095, US7175637, US7172608, US7144405, US7128749, US7108702, US7094248, US7048751, US7041110, US7029482, US7018388, US7004949, US7001398, US6962595, US6893449, US6805708, US6786914, US6776785, US6719777, US6719769, US6702829, US6652541, US6632238, US6537288, US6497710, US6471713, US6461320, US6451048, US6428550, US6419681, US6391048, US6371964, US6277140, US2011313452, JP2005528161, EP2667792, EP1578282, EP1513453,

Abstract:
This invention is a device (500) for sealing a hole in a blood vessel, comprising a ring (504); a plurality of spikes (506) extending from said ring towards a center of said ring, and to first direction along an axis of said ring, said spikes being adapted for engaging a blood vessel; a plurality of tabs (502) extending substantially radially from said ring, wherein rotating said tabs around said ring distorts said ring such that said spikes are rotated in a same direction as said tabs.

0) US2011308137A – WALL–LESS TRAP SYSTEMS AND METHODS

60) Family number: 50124660 (US2011308137A) © PatBase

Title: WALL–LESS TRAP SYSTEMS AND METHODS

Priority: US20100397768P 20100616 US20110158845 20110613

Family:

Publication number	Publication date	Application number	Application date
US2011308137 AA	20111222	US20110158845	20110613
US8887435 BB	20141118	US20110158845	20110613

Probable Assignee: UGIANSKY BOBBY D

Assignee(s):(std)**:** UGIANSKY BOBBY D

Inventor(s):(std)**:** UGIANSKY BOBBY D

Agent(s): LAW OFFICES OF MARK L BERRIER

International class(IPC 8–9)**:** A01M23/22 (Advanced/Invention)

CPC: A01M23/22

European class: A01M23/22

US class: 43/60 43/62 43/62P

Classification Explorer

Cited documents: US8375847 BA, US6658788 BA, US5024021 A, US413877 A,

Forward Citations: US9713401, US9668467, US9237743, US2016192638, US2013205645, CN103766318,

Abstract:
Source: US2011308137A One embodiment comprises a wall–less trap that includes a base, vertical supports, an upper cage, one or more guides connected to the upper cage, and a trigger. The base is positioned on a horizontal surface. The vertical supports extend upward from the base. The upper cage is movable between a raised position, in which the upper cage is suspended above the base, and a lowered position, in which the upper cage rests on the base or the horizontal surface. The guides are connected to the upper cage and slide on the vertical supports to guide vertical travel of the upper cage. The trigger can be either engaged to hold the upper cage in the raised position, or disengaged to allow the upper cage to fall downward from the raised position. The trigger is movable from the engaged position to the disengaged position by an animal positioned under the upper cage.

0) US2402716A – ANTIAIRCRAFT SHELL

61) Family number: 30908380 (US2402716A) © PatBase

Title: ANTIAIRCRAFT SHELL

Priority: US19400361761 19401018

Family:

Publication number	Publication date	Application number	Application date
GB552587 A	19430415	GB19410013294	19411015
US2402716 A	19460625	US19400361761	19401018

Probable Assignee: CAMERON ALEXANDER WHITSETT

Assignee(s):(std)**:** CAMERON ALEXANDER WHITSETT ; WHITSETT CAMERON A

Inventor(s):(std)**:** WHITSETT CAMERON A

International class (IPC 8–9)**:** F41H11/04 F42B10/56 F42C1/00 F42C7/02 (Advanced/Invention); F41H11/00 F42B10/00 F42C1/00 F42C7/00 (Core/Invention)

International class (IPC 1–7)**:** F42B13/38 F42C1/00 F42C7/02

CPC: F41H11/04 F42B10/56 F42C1/00 F42C7/02

European class: F41H11/04 F42B10/56 F42C1/00 F42C7/02

US class: 102/473 244/138R

Classification Explorer

Forward Citations: US3513777, US3152545, US2826990, US2654320, US2582113, US2426592, CN102374826,

Abstract:
Source: GB552587A [Classes 9 (i) and 9 (ii)] An anti–aircraft shell of the type containing a parachute mine constructed to form the forward one of two separable sections of the shell which are adapted during the flight of the shell, and at a predetermined altitude, to be automatically separated, and wherein the explosion of the charge embodied in the mine is controlled before and after said separation, is characterized in that the charge is detonated by a firing device including a slidable primer actuated by a percussion plunger or the like, the primer being held in a rear operative position during the flight of the shell and being again rendered operative only after the shell sections have separated and the mine is suspended from the parachute. If the parachute floats to earth with its mine unexploded, the mine is rendered harmless by the weight thereof being taken off the parachute. The shell explodes before separation if impact with an aeroplane occurs. The fuze may be such that the shell may be converted into a timed high–explosive shell. The shell comprises two separable parts 31a; 31b, the front part 31a constituting the mine and containing high explosives 43, while the rear part contains the parachute 41. when the shell is fired from the gun, a consussion plunger 96 breaks away (by inertia) from its retaining ring 97 and strikes a firing pin 98 which ignites a primer in the plunger. The flash from the primer ignites a powder train contained in adjustable rings 92, 93, 103, which train burns around to a detonator 67 which, via a conduit 66, fires a parachute–releasing charge 47 of black powder, the explosion of which separates the two parts 31a, 31b which have hitherto been joined by a shear wire 35. The charge 47 blows rearwardly a two–part piston 49a, 49b, which is secured to a sleeve 159 sliding freely on a tube 132; the sleeve has fixed thereon a head 167 which, via a sliding ring 163, compresses a heavy spring 161 which limits the rearward movement of the piston. When the part 49a stops, the part 49b travels on, the consequent relative movement (which is limited, e.g. by pin and slot 207, 208) resulting in the cocking of a series of angularly–spaced devices 51, each comprising links 187, 188 pivoted to each other and to the parts 49a, 49b. A spring 199, disposed betweel links 187, 188 tends to separate the parts 49a, 49b, The construction is such that the links 188 form struts which just resist the forward pull of the heavy spring 161. A slight tripping force applied forwardly on the part 49b or laterally inward on the links 187 trips the devices 51, whereupon the spring 161 thrusts forward the sleeve 159, and spring strips 171, secured to the sleeve, strike an extension 145 of a Semple centrifugal firing plunger 76 which fires a primer 75 which, via a booster charge 72, fires the high explosive 43. Trigger notches may be formed in the links 187 to engage with the edge 213. A spring 215 may supplement or replace the springs 199; if the springs 199 are omitted, the links may be flung outwards by centrifugal force, or the pivots 202 may be located inwardly of a line joining the pivots 189 and 197. The spring strips 171 are initially disposed within the extension 145, but, on opening: of the shell, spring outwardly into slots 172 in the extension and bear against right–angled shoulders 172b so that on impact of an aeroplane with the wire 42 the plunger 76 is retained in the rearward position; in a modification, the shoulders may be bevelled, as at 172c or omitted, so that on said impact inertia throws the plunger forward. The sensitivity may be graduated, an impact near the bomb firing it and an impact remote from it not firing it. In this sensitized modification, the wall 54 of the explosion chamber may be made weak so that it, with shrapnel balls placed inside it, may be blown out. The primer 75 is contained in a thimble 115 secured to rods 128 fixed on the head 131 of the tube 132 which houses a spring 133 surrounding a plunger 134 having a head 137 to which is secured one end of

the parachute wire 42. A spring 126, bearing against a flange 117 on the thimble, tends to urge the thimble forwardly into a position in which its explosion ports 121 will register not with ports 109 (in the ring 103) leading o the booster charge 72 but with a chamber 84a leading to vents 89, 91 which may vent outward or inward. During the flight of the shell, the tube 132 (and hence the thimble 115) is retaine din the rearward (firing) position by a split wire ring 138 engaging in a groove 139 in the tube, so that if the shell strikes an aircraft the plunger 76, moving forward by inertia against the action of the spring 126, fires the primer. During the opening of the shell, when the ring 138 has been displaced, the spring 126 forces the thimble to the forward (non−firing) position. When the shell has opened, and the bomb 31a hangs from the parachute, the weight of the bomb compresses the spring 133 and the thimble is returned to the firing position. When the shell reaches the ground, the weight of the bomb is taken off. the spring 133, and the spring 126 moves the thimble to the non−firing position. The third powder train ring 103 has two angularly spaced grooves 265, 266, which may be flash passages or may be packed with black powder. The ring may be rotated relatively to the ring 93 so that (a) (Fig. 24) the groove 265 registers with a flash passage 196 leading from the ring 93; in this position the flash will pass through the passage 108 and the fuze is set for opening the shell to release the parachute, (b) (Fig. 25) the groove 266 registers with the flash passage 106; in this position the flash will pass through ports 109 and passage 74 to the booster charge 72 the fuze being thus set to fire the high explosive 43, or (c) the ports 109 are out of registry with passages 122 in the rings 118 in which the thimble 115 slides; in this position neither of the grooves 265, 266 registers with the port 106, and more over, the primer is cut off from the booster charge, so that accidental firing of the primer will not be transmitted to the latter. The parachute wire 42 is in two or more reel sections 42a, 42b, the wire being unwound from each section simultaneously. The wire is embedded in resin, pitch or rubber, which offers resistance to the unwinding and enables the sections to be packed as units, e.g. in cardboard containers 221. The rear section 42b may function as a plug having a flange engaging behind a ring 181, so that the parachute is retained in place until most of the wire has been unwound.

0) US2011079453A – METHODS AND APPARATUS FOR UTILIZING ELECTRICALL...

62) Family number: 47677529 (US2011079453A) © PatBase

Title: METHODS AND APPARATUS FOR UTILIZING ELECTRICALLY POWERED VEHICLES

Priority: US20090179536P 20090519 US20090180846P 20090523 US20090250863P 20091012 WO2010US35478 20100519 US20100965607 20101210 US20120615232 20120913

Family:

Publication number	Publication date	Application number	Application date
EP2432672 A2	20120328	EP20100778352	20100519
EP2432672 A4	20130116	EP20100778352	20100519
US2011079453 AA	20110407	US20100965607	20101210
US2013000439 AA	20130103	US20120615232	20120913
US8297384 BB	20121030	US20100965607	20101210
US8720615 BB	20140513	US20120615232	20120913
WO10135472 A2	20101125	WO2010US35478	20100519
WO10135472 A3	20110106	WO2010US35478	20100519

Probable Assignee: EV IP LLC

Assignee(s):(std)**:** ANDERSON MARK A ; EV IP LLC ; WANGER MARK E

Inventor(s):(std)**:** ANDERSON MARK A ; WANGER MARK E

Agent(s): MOORE BARRY; MARTENSEN IP; MICHAEL C; MACAW MISHA GREGORY

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

International class (IPC 8–9): B23P17/04 B60K26/04 B60W10/08 B62D59/04 B62J99/00 B62M6/40 B62M7/14 H05K13/00 (Advanced/Invention)

CPC: B62K27/003 B62D59/04 B60K26/04 B62M7/16 Y10T29/49002 Y10T29/49826 Y10T74/20396

European class: B62K27/00B B62M7/16

US class: 180/11 180/11P 180/14.2 180/14.3 180/335 280/288.4 29/428 29/592.1 29/592.100S 74/491

Classification Explorer

Cited documents: WO10135472 A2, WO08038213 A2, US7565848 BB, US7466036 BB, US7395889 BB, US7311322 BB, US7243937 BB, US7206618 BB, US7104921 BB, US6965206 BB, US6725955 BB, US6684971 BB, US6486626 BA, US6419037 BA, US6308590 BA, US6276230 BA, US6196604 BA, US6130487 A, US6065557 A, US5961561 A, US5933076 A, US5894898 A, US5893295 A, US5865267 A, US5842535 A, US5816349 A, US5813488 A, US5671821 A, US5579227 A, US5491390 A, US5370412 A, US5370200 A, US5253724 A, US5247431 A, US5201442 A, US5168946 A, US5141067 A, US5030177 A, US4771838 A, US4768607 A, US4641723 A, US4630703 A, US4521885 A, US4461365 A, US4413692 A, US4373600 A, US4346772 A, US4286700 A, US4270622 A, US4256197 A, US4245309 A, US4191065 A, US4154121 A, US3915250 A, US3860081 A, US3823792 A, US3705638 A, US2012200061 AA, US2012150377 AA, US2012137817 AA, US2010200033 AA, US2010097325 AA, US2010029172 AA, US2009293668 AA, US2009235772 AA, US2009069081 AA, US2008099266 AA, US2008037818 AA, US2008023234 AA, US2007221644 AA, US2007049439 AA, US2005098978 AA, US2005057921 AA, US2004163485 AA, US2003173123 AA, US2003132039 AA, US2003047372 AA, US2003032327 AA, US1165467 A, UK2249529, KR100914651 B1, KR100912404 B1, JP2009119993 A2, GB2249529 A1, EP2141068 A1, DE29920261 U1, CA2562222 AA,

Forward Citations: WO15026811, WO15026804, US9682743, US9669857, US9550542, US9514576, US9308810, US9245394, US9228322, US9168845, US9020672, US8892292, US8880266, US8775001, US8365849, US8297384, US2016121962, US2016089950, US2015005942, US2014336855, US2014229054, US2014088806, US2014058609,

US2013282218, US2013274983, US2013218380, US2013043111, US2011042154, TWI534037, RU168885, GB2540019, EP2660097, CN103661786, CN103221255, CN103221255,

Abstract:
Source: US2011079453A Methods and apparatus may augment the utility of an electrically powered vehicle. A first electric motor (110a or 110b) may be provided with a first effective gear ratio, a second electric motor (111a or 111b) may be provided with a second effective gear ratio, and additional electric motors may be provided additional effective gear ratios. An electrically powered vehicle may be differentially powered by said electric motors at said different effective gear ratios. A transdisciplinary electrical diagnostic processor (440) may process electrically recondite operation parameters of one or more electrical components to provide transdisciplinary diagnostic output to a user. A standardized modular interface (540) supported on a trailer chassis (510) may be configured to accept multipurposed modular interchangeable trailer tops (560) at an interchange position (550) of said trailer chassis (510). A hand actuated accessory mount may be provided with a quick release interface (322).

0) US2001000886A – CRUSH SENSING VEHICLE CRASH SENSOR

63) Family number: 33357353 (US2001000886A) © PatBase

Title: Crush sensing vehicle crash sensor

Priority: US19910727756 19910709 US19910795035 19911120 US19930024076 19930301 US19950514986 19950814 US20000748489 20001226

Family:

Publication number	Publication date	Application number	Application date
US2001000886 AA	20010510	US20000748489	20001226
US6328126 BB	20011211	US20000748489	20001226

Probable Assignee: AMERICAN VEHICULAR SCIENCES LLC

Assignee(s):(std)**:** AUTOMOTIVE TECH INT ; BREED DAVID S ; DOWNS RICHARD M ; SANDERS WILLIAM THOMAS

Assignee(s): AUTOMOTIVE TECHNOLOGIES INT INC ; AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC ; AMERICAN VEHICULAR SCIENCES LLC

Inventor(s):(std)**:** BREED DAVID S ; DOWNS JR RICHARD M ; DOWNS RICHARD M ; SANDERS WILLIAM THOMAS

International class (IPC 8–9): B60J10/00 B60N2/00 B60N2/28 B60R19/48 B60R21/01 B62D21/15 G01F23/00 G01F23/20 G01F23/296 H01H35/14 (Advanced/Invention); B60J10/00 B60N2/00 B60N2/26 B60R19/02 B60R21/01 B62D21/15 G01F23/00 G01F23/296 H01H35/14 (Core/Invention)

International class (IPC 1–7): B60R21/00 B60R21/32

CPC: B60J10/00 B60N2/002 B60N2/2863 B60R19/483 B60R21/0136 B62D21/15 G01F23/0076 G01F23/20 G01F23/2962 G01F23/2965 H01H35/146

European class: B60J10/00 B60N2/00C B60N2/28P4 B60R19/48D B60R21/0136 B62D21/15 G01F23/00G1A G01F23/20 G01F23/296D G01F23/296F H01H35/14E L60R19/48D

US class: 180/274 280/735

Classification Explorer

Cited documents: US5694320 A, US5441301 A, US5363302 A, US5326133 A, US5322323 A, US5231253 A, US4995639 A, US4977388 A, US4900880 A, US4762970 A, US4060705 A, US3859482 A, US3853199 A, US3748373 A, US2437969 A,

Forward Citations: USD521418, USD520413, USD520412, US9663053, US9539970, US9500545, US9162550, US9039038, US8801033, US8612170, US8480124, US7974808, US7836998, US7716002, US7677080, US7664609, US7114247, US6955383, US2016039379, US2015232051, US2015097089, US2008315568, US2007186633, US2006155504, US2006085977, US2003209914, DE112011101891, CN104703846,

Abstract:
Source: US2001000886A A vehicle crush detecting device including an electrically conducting tube with an electrically conducting rod positioned within the tube along with insulating means positioned at at least two points between the rod and tube to insulate the rod from the tube. The electrically conducting tube is deformed during a vehicle crash causing the tube to contact the rod in response to crush of the vehicle. A header/connector assembly seals a space between the rod and tube at one end while a space between the rod and tube at the opposite end is closed. The header/connector assembly includes electrical connector pins electrically coupled to the rod and tube and having an exposed portion for connection to a wire harness. The device is used to sense crashes for the deployment of automobile passive restraint systems such as airbags.

- **search:** SS7 TAC=(hook or carabiner) and (gate and trigger and climb*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 2)
- List: SS7 1–50 (TAC=(hook or carabiner) and (gate and trigger and climb*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219) (Results 2)

0) US2011138587A – MULTI–CHAMBER CARABINER

1) Family number: 49051112 (US2011138587A) © PatBase

Title: MULTI–CHAMBER CARABINER

Priority: US20090636055 20091211

Family:

Publication number	Publication date	Application number	Application date
EP2333359 A1	20110615	EP20100194557	20101210
US2011138587 AA	20110616	US20090636055	20091211
US9003617 BB	20150414	US20090636055	20091211

Probable Assignee: BLACK DIAMOND EQUIP LTD

Assignee(s):(std): BELCOURT BILL ; BLACK DIAMOND EQUIP LTD ; BLACK DIAMOND EQUIPMENT AG ; ODDOU PAUL ; TERRY PAUL ; WALKER BENJAMIN

Assignee(s): BLACK DIAMOND EQUIPMENT LTD

Inventor(s):(std): BELCOURT BILL ; ODDOU PAUL ; TERRY PAUL ; WALKER BENJAMIN

Agent(s): BRAUN ANDRE JR; BAKER AND ASSOCIATES PLLC; TRENT

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): A44B99/00 F16B45/00 F16B45/02 (Advanced/Invention)

CPC: F16B45/02 Y10T24/45356 Y10S24/35 Y10T24/45335 Y10T24/4534 Y10T24/45319 Y10T24/45361 Y10T24/45372

European class: F16B45/02

US class: 24/599.1 24/599.4 24/599.400S 24/599.5 24/599.500P 24/599.9 24/600.2 24/DIG.35

Classification Explorer

Cited documents: WO04020846 A1, USD588433 S1, USD550552 S1, USD467156 S1, US7320159 BB, US7228601 BB, US6601274 BB, US6588076 BA, US6308385 BA, US5940943 A, US5791025 A, US5664304 A, US5608953 A, US5463798 A, US5384943 A, US5357657 A, US5187844 A, US4977647 A, US4930194 A, US482885 A, US4819304 A, US4811467 A, US3949451 A, US2007186393 AA, US2005229367 AA, US2005193531 AA, US2005172461 AA, US2005011058 AA, US2002073520 AA, US2002050032 AA, JP2008232154 A2, JP2002235725 A2, DE10239755 A1, CA987075 A1,

Forward Citations: WO17087683, WO14152969, WO13154986, WO12075513, USD796941, USD790327, USD788572, USD786655, USD786049, USD778145, USD765497, USD764899, US9803719, US9777763, US9631771, US9623269, US9382939, US9080595, US9032594, US8763216, US8448307, US8443495, US8156617, US2015322996, US2012060332, US2010186202, KR101282857, ITMI20111148, ITMI20111145, GB2530558, GB2530558, FR3011476, EP2538095,

Abstract:
Source: US2011138587A One embodiment of the present invention relates to an automatically locking carabiner system including a frame, a gate, a gate biasing system, and a gate locking system. The frame and gate form a continuously enclosed inner region in a closed configuration with respect to the frame. When in an engaged state, the gate locking system is configured to automatically lock the gate in the closed configuration with respect to the frame. The gate locking system may include a trigger coupled to the frame such that the position of the trigger corresponds to the state of the gate locking system. The trigger may be positioned on an opposite side of the frame from the gate with respect to the inner region. The force required to disengage the gate locking system may be substantially opposite that which is required to transition the gate to the open configuration with respect to the frame.

0) US2003102185A – ACTUATOR FOR CAMMING DEVICES

2) Family number: 28630022 (US2003102185A) © PatBase

Title: ACTUATOR FOR CAMMING DEVICES

Priority: US20010337536P 20011203 US20020309666 20021203

Family:

Publication number	Publication date	Application number	Application date
US2003102185 AA	20030605	US20020309666	20021203
US6810994 BB	20041102	US20020309666	20021203

Probable Assignee: TRASK BRIAN C

Assignee(s):(std)**:** TRASK BRIAN C

Inventor(s):(std)**:** TRASK BRIAN C

International class (IPC 8–9): A63B29/08 (Advanced/Invention); A63B29/00 (Core/Invention)

International class (IPC 1–7): A47F5/08 A47L3/04 A63B29/02

CPC: Y10S248/925 A63B29/08

European class: A63B29/08

US class: 182/3 248/231.9 248/925

Classification Explorer

Cited documents: US6283426 BA, US6109578 A, US6092773 A, US5934635 A, US4715568 A, US4712754 A,

Forward Citations: US8303601, US7708246, US2007093897,

Abstract:
Source: US2003102185A A device to retract cams of spring–loaded camming devices (SLCD) used in rock climbing protection. The device includes a retraction mechanism operable on the SLCD and a control interface to receive input from a climber's hand. A linkage of variable length is disposed between the retraction mechanism and the control interface. The linkage may be adjusted between a longer deployed length for cam retraction and a shorter length to facilitate transportation and storage of the device.

- **search:** SS8 TAC=(hook or carabiner) and (gate and trigger and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 0)
- **search:** SS9 TAC=(hook or carabiner) and (gate and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 6)
- List: SS9 1–50 (TAC=(hook or carabiner) and (gate and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219) (Results 6)

0) US2722449A – RELEASABLE FASTENINGS FOR COUPLING OR LATCHING ...

1) Family number: 30988041 (US2722449A) © PatBase

Title: RELEASABLE FASTENINGS FOR COUPLING OR LATCHING TOGETHER TWO RELATIVELY MOVABLE MEMBERS

Priority: GB19500027049 19501106

Family:

Publication number	Publication date	Application number	Application date
GB701214 A	19531223	GB19500027049	19501106
US2722449 A	19551101	US19510255114	19511106

Probable Assignee: FRANK BERNARD HARLEY

Assignee(s):(std)**:** BERNARD HARLEY FRANK ; FRANK BERNARD HARLEY

Inventor(s):(std)**:** BERNARD HARLEY FRANK

Inventor(s): HARLEY FRANK BERNARD

International class (IPC 8–9)**:** A44B11/25 B64D17/38 F16G11/10 (Advanced/Invention); A44B11/25 B64D17/00 F16G11/00 (Core/Invention)

International class (IPC 1–7)**:** A62B35/02 B64D25/06 E05C3/12 E05C5/04

CPC: Y10T292/1078 F16G11/10 A44B11/253 B64D17/383

European class: A44B11/25B3B B64D17/38B F16G11/10

US class: 292/198 294/82.33 294/89

Classification Explorer

Cited documents: US591396 A, US1900227 A, US1338724 A, GB568630 A, DE632624 A,

Forward Citations: US9586771, US9272854, US9227799, US9187939, US9174811, US9150367, US9145273, US7293438, US5882167, US3792829, US3563577, US3405966, US3217373, US3179997, US3144697, US2789827, US2006042329, FR2886096, FR2309752, EP1630452, DE2819018, DE2719325,

Abstract:
Source: GB701214A (Claim 1) A releasable fastening comprising a body portion for releasably retaining a subsidiary portion including a bar, the body portion including a body affording a notch having its longitudinal axis extending in the direction of the applied load, and open at what will be termed its front end to receive the bar, a forked retaining catch pivotally carried by the body on one side of the axis and movable between a released position, in which one limb of it projects into the notch, and a locked position, to which it can be turned by the bar entering the notch and in which the other limb bridges the open end of the notch to prevent withdrawal of the bar, and a locking detent pivoted on the other side of the axis in substantially the same plane as the retaining catch, and extending substantially transverse to the axis, the detent serving automatically to lock the retaining catch in the locked position when moved thereto.

0) US2007060454A – PORTABLE EXERCISE APPARATUS

2) Family number: 34297341 (US2007060454A) © PatBase

Title:	PORTABLE EXERCISE APPARATUS
Priority:	US20050162479 20050912

Family:

Publication number	Publication date	Application number	Application date
US2007060454 AA	20070315	US20050162479	20050912

Probable Assignee:	VOGEL SHAWN M
Assignee(s):(std)**:**	VOGEL SHAWN M
Inventor(s):(std)**:**	VOGEL SHAWN M
Inventor(s):	VOGEL SHAWN
Agent(s):	MESMER AND DELEAULT PLLC
International class (IPC 8–9)**:**	A63B21/02 (Advanced/Invention); A63B21/02 (Core/Invention)
CPC:	A63B21/0552 A63B21/0442 A63B21/0557 A63B21/4013 A63B21/4015 A63B2208/0204
European class:	A63B21/055D A63B21/14A7A A63B21/14A7F K63B208/02B K63B21/04C K63B21/055D4
US class:	482/121 482/121P 482/124 482/124S
Classification Explorer	
Cited documents:	US6551221 BA, US6036626 A, US5545113 A, US5372565 A, US5263916 A, US5186701 A, US2097376 A, US2005227833 AA, US2004204302 AA,
Forward Citations:	WO13166493, USD741962, US9586082, US9486663, US9415254, US9308413, US9289643, US9237778, US8968166, US8915827, US8876679, US8826571, US8622879, US7794368, US7749141, US7618356, US2015005144, US2014283759, US2014228180, US2013340292, US2010292055, US2010233664, US2009253557, US2009149303, US2009107010,

Abstract:
Source: US2007060454A The invention includes the method and apparatus of attaching exercise equipment, such as various lengths and configurations of elastic resistance tubing, to athletic footwear. Among the many configurations of the invention is whereby the elastic tubing and handle assembly is permanently connected to the sneaker. Another configuration of the invention is the use of the elastic tubing and handle assembly being equipped with an end clip fastener that can be easily and quickly fastened to and/or unfastened from a sneaker or other type of footwear. Other improvements include a reinforcement ring that may be attached to one or more laces of the shoe and/or other components such as VELCRO strips that can be attached to the body of an athletic shoe to make the attachment, stowage and use of the elastic cord and handle assembly more secure and safer during use.

0) GB2136043A – BUCKET HOLDER

3) Family number: 8947289 (GB2136043A) © PatBase

Title: Bucket holder

Priority: GB19830004220 19830216

Family:

Publication number	Publication date	Application number	Application date
GB2136043 A1	19840912	GB19830004220	19830216
GB8304220 A0	19830323	GB19830004220	19830216

Probable Assignee: BROWN P A

Assignee(s):(std)**:** BROWN P A ; BROWN PETER ALAN

Assignee(s): PETER ALAN BROWN

Inventor(s):(std)**:** BROWN PETER ALAN

Inventor(s): PETER ALAN BROWN

International class (IPC 8–9)**:** A01K5/01 F16B7/22 (Advanced/Invention); A01K5/00 F16B7/00 (Core/Invention)

International class (IPC 1–7)**:** F16B45/00

CPC: A01K5/01 F16B7/22

European class: A01K5/01 F16B7/22

Classification Explorer

Cited documents: GB945492, GB777254, GB686930, GB398575, GB206425,

Forward Citations: WO9525902, GB2167800,

Abstract:
Source: GB2136043A A bucket holder for removably mounting a bucket 38 on a gate, sheep hurdle or similar barred support structure having a U–shaped bucket holding portion 14, and two feet 24 joined to and extending at an acute angle from the bucket holding portion, the feet being configured to hook onto a horizontal bar of the support structure so that the bucket holding portion can be positioned projecting outwardly from the structure to receive a bucket therein.

4) Family number: 12369279 (US2001029750A) © PatBase

Title: Hypoxic fire prevention and fire suppression systems and breathable fire extinguishing compositions for human occupied environments

Priority:

US19950445677	19950522	US19950505621	19950721	US19970797242	19970208
US19970858099	19970517	US19960739379	19961029	US19970055087P	19970731
US19970985104	19971203	US20000551026	20000417	US20000566506	20000508
US20010854108	20010511	US20000750801	20001228	US20010975215	20011010
US20020078988	20020219	US20010024079	20011217	WO1998US02187	19980204
WO1996US11792	19960716	US20050198862	20050805	US20030461450P	20030409
US20080079224	20080324	US20080075541	20080312	US20050183948	20050719
WO2002US26107	20020816	WO2001IB01505	20010405	WO1998US13067	19980623
US20050199770	20050808	US20030726737	20031203	US20120420315	20120314
WO2001IB01505	20021017				

Family:

Publication number	Publication date	Application number	Application date
AT209474 E	20011215	AT19960928000T	19960716
AT269124 E	20040715	AT19980906151T	19980204
AT335526 E	20060915	AT20010955495T	20010405
AU199881635 A1	19990222	AU19980081635	19980623
AU2001277654 AA	20011030	AU20010277654	20010405
AU2001277654 BB	20060907	AU20010277654	20010405
AU200177654 A1	20011030	AU20010077654	20010405
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CA2227444 C	20020205	CA19962227444	19960716
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CA2406118 C	20090714	CA20012406118	20010405
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DE60122125 T2	20070301	DE20016022125T	20010405
DE69617477 D1	20020110	DE19966017477	19960716
DE69617477 T2	20020801	DE19966017477T	19960716
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DE69824500 T2	20050825	DE19986024500T	19980204
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EP0898486 B1	20040616	EP19980906151	19980204
EP0959862 A1	19991201	EP19960928000	19960716
EP0959862 A4	19991201	EP19960928000	19960716
EP0959862 B1	20011128	EP19960928000	19960716
EP0959862 B2	20050119	EP19960928000	19960716
EP1274490 A2	20030115	EP20010955495	20010405
EP1274490 B1	20060809	EP20010955495	20010405
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NO20024955 A0	20021015	NO20020004955	20021015	
NO326017 B1	20080901	NO20020004955	20021015	
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RU2301095 C2	20070620	RU20020130714	20010405	
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US2002023762 AA	20020228	US20010854108	20010511	
US2002083736 AA	20020704	US20010975215	20011010	
US2002088250 AA	20020711	US20020078988	20020219	
US2003074917 AA	20030424	US20010024079	20011217	
US2005263298 AA	20051201	US20050183948	20050719	
US2006213673 AA	20060928	US20050199770	20050808	
US2008168798 AA	20080717	US20030726737	20031203	
US2008202774 AA	20080828	US20080079224	20080324	
US2008210240 AA	20080904	US20080075541	20080312	
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US5924419 A	19990720	US19970797242	19970208	
US5964222 A	19991012	US19970985104	19971203	
US5964222 C1	20170609	US19970985104	19971203	
US6314754 BA	20011113	US20000551026	20000417	
US6314754 C1	20160826	US20000551026	20000417	
US6334315 BA	20020101	US20000566506	20000508	
US6401487 BA	20020611	US20010854108	20010511	
US6418752 BB	20020716	US20000750801	20001228	
US6502421 BB	20030107	US20010975215	20011010	
US6557374 BB	20030506	US20020078988	20020219	
US6560991 BA	20030513	US20010024079	20011217	
US7207392 BB	20070424	US20050199770	20050808	
US7900709 BB	20110308	US20030726737	20031203	
US7931733 BB	20110426	US20080075541	20080312	
US8141649 BB	20120327	US20050183948	20050719	
US8763712 BB	20140701	US20120420315	20120314	
USRE40065 E	20080219	US20050198862	20050805	
WO0178843 A2	20011025	WO2001IB01505	20010405	
WO0178843 A3	20020627	WO2001IB01505	20010405	
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WO9637176 A1	19961128	WO1996US07029	19960516	
WO9703631 A1	19970206	WO1996US11792	19960716	
WO9834683 A1	19980813	WO1998US02187	19980204	
WO9906115 A1	19990211	WO1998US13067	19980623	

Probable Assignee: FIREPASS CORP

Assignee(s):(std)**:** FIREPASS CORP ; FIREPASS IP HOLDINGS INC ; HYPOXICO INC ; KOTLIAR IGOR K ; IGOR K KOTLIAR ; KOTLIAR IGOR ; KOTLJAR IGOR K

Assignee(s): HYPOXICO INC NEW YORK ; IGOR KOTLIAR ; INTELLECTUAL PROPERTY HOLDING LTD

Inventor(s):(std): KOTLJAR IGOR K ; KOTLIAR IGOR K ; IGOR K KOTLIAR ; KOTLIAR IGOR ; KOTLIAR K

Inventor(s): KOTLJAR IGOR' K.

Agent(s): PETER MAXWELL AND ASSOCIATES; OGILVY RENAULT LLP SENCRL SRL; ROBIC; WOLFF BREGMAN AND GOLLER; IGOR K KOTLIAR; IGOR KOTLIAR; IGOR K; ORRICK HERRINGTON AND SUTCLIFFE LLP

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

International class (IPC 8–9): A23L3/3418 A61G10/00 A61G10/02 A61G10/04 A61M16/10 A62B31/00 A62B7/14 A62C2/00 A62C2/04 A62C3/00 A62C3/07 A62C3/08 A62C39/00 A62C99/00 A62D1/00 A62D1/02 A62D1/06 B01D50/00 B01D53/02 B01D53/047 B01D53/053 B01D53/22 B01D53/62 B01D53/74 B01F3/02 E21F5/00 F17C7/04 F24F3/16 F25B9/00 F25J3/00 H01M8/04 (Advanced/Invention);
A62B7/14 A62C3/07 A62D1/00 B01F13/00 (Advanced/Non–invention);
A61G10/00 A61M16/10 A62B31/00 A62B7/00 A62C2/00 A62C3/00 A62C3/07 A62C99/00 A62D1/00 B01D53/02 B01D53/047 B01D53/22 B01D53/62 F24F3/16 F25B9/00 F25J3/00 H01M8/04 (Core/Invention);
A62B7/00 A62C3/07 (Core/Non–invention)

International class (IPC 1–7): A61G10/00 A61G10/02 A61L9/00 A61M15/00 A61M15/00 A61M16/00 A61M16/00 A61M16/00 A62B18/00 A62B23/02 A62B31/00 A62B7/00 A62B7/10 A62B9/00 A62C2/00 A62C3/00 A62C3/07 A62C3/08 A62C35/00 A62C35/58 A62C39/00 A62D1/00 A62D1/02 A62D1/06 A63B23/18 B01D53/02 B01D53/047 B01D53/053 B01D53/22 B65D90/22 E21F5/00 F17J1/00 F24F3/16 F25B9/00 F25J1/00 F25J3/00 G05B1/00 G08B17/12

CPC: B01D53/02 A61G10/02 A62B31/00 A62C3/16 B01D2256/12 B01D2259/455 B64D37/32 B01D53/261 B01D2253/116 B01D2253/25 B01D2259/4566 B01D2259/4575 Y02C10/04 Y02C10/10 Y10S62/911 A62C3/07 B01D53/22 B01F3/022 B01F13/0035 F17C7/04 F17C2201/0114 F17C2201/035 F17C2201/056 F17C2205/0323 F17C2205/0338 F17C2221/011 F17C2221/014 F17C2223/0123 F17C2223/0161 F17C2223/033 F17C2223/036 F17C2225/0123 F17C2227/0302 F17C2227/0393 F17C2250/032 F17C2265/025 F17C2270/0171 F17C2270/025 Y02P20/152 A62C3/0221 A62B7/14 A62C3/08 A62C99/0018 H01M8/04089 A61M2202/0266 F24F3/16 A63B2208/053 A63B2208/056 A63B2208/12 B01D2259/4508 F24F2011/0002 A61M16/101 A61M16/106 A61M16/107 A61M16/1055 A61M16/0045 A23L3/3418 A61G10/00 A61G10/04 A61M16/10 A61M2202/0208 A63B2213/006 B01D53/04 B01D53/0415 B01D53/0446 B01D53/047 B01D53/053 B01D2253/108 B01D2256/10 B01D2257/102 B01D2257/104 B01D2257/504 B01D2257/80 B01D2259/40001 B01D2259/40009 B01D2259/402 B01D2259/4533 Y02C10/08

European class: A23L3/3418 A61G10/00 A61G10/02 A61G10/04 A61M16/00C A61M16/10 A62B31/00 A62C3/02F A62C3/08 A62C3/16 A62C99/00B2 B01D53/02 B01D53/04 B01D53/047 B01D53/04C10 B01D53/053 B01D53/22 B01F3/02B B64D37/32 F17C7/04 F24F3/16 H01M8/04C2 K61M202/02A K62B7/14 K62C3/07 K62C3/08 K63B208/05H K63B208/05L K63B208/12 K63B213/00F2 L01D253/108 L01D253/116 L01D253/25 L01D256/10 L01D256/12 L01D257/102 L01D257/104 L01D257/504 L01D257/80 L01D259/402 L01D259/40F L01D259/40K4 L01D259/45B L01D259/45M L01D259/45T L01D259/45V L01D259/45V2 L01D53/04 L01D53/047 L01D53/04C10 L01D53/04C2 L01D53/26B L01F13/00K4 R24F11/00C1 Y02C10/04 Y02C10/08 Y02C10/10 Y02E60/50

US class: 128/200.24 128/202.12 128/205.11 128/205.12 128/205.26 128/205.260P 128/205.28 128/205.280S 169/14 169/16 169/16S 169/37 169/43 169/43S 169/44 169/45 169/45P 169/45S 169/46 169/46S 169/5 169/54 169/54P 169/55 169/56 169/5S 169/61 169/62 169/64 220/88.3 239/418 239/8 244/129.2 252/2 252/601 252/601S 340/577 340/577S 340/584 340/584S 426/418 429/13 429/458 429/458S 454/166 454/167 482/13 55/385.1 55/385.2 62/260 62/640 62/640P 62/640S 62/643 62/78 62/78S 62/911 95/10 95/103 95/117 95/117S 95/139 95/139S 95/14 95/19 95/22 95/39 95/45 95/47 95/54 95/8 95/96 96/109 96/134 96/4 96/417 96/420 96/421

Classification Explorer

Cited documents: WO9947210 A1, WO9834683 A1, WO9703631 A1, WO9637176 A1, WO9513044 A1, US911528 A, US904172 A, US826029 A, US7207393 BB, US7207392 BB, US7152635 BB, US7152635 A, US6997970 BB, US6885298 BB, US6739400 BB, US6739399 BB, US6739359 BB, US6729359 BB, US6638649 BA, US6634598 BB, US6604558 BB, US6560991 BA, US6557374 BB, US6547188 BB, US6502421 BB, US6418752 BB,

US6401487 BA, US6334315 BA, US6314754 BA, US6112822 A, US6012533 A, US5964222 A, US5921091 A, US5887439 A, US5799652 A, US5799495 A, US5794457 A, US5779495 A, US5730780 A, US5649995 A, US5515693 A, US5472480 A, US5467764 A, US5437837 A, US5398678 A, US5388413 A, US5383448 A, US5382280 A, US5360372 A, US5355781 A, US5346536 A, US5308382 A, US5273344 A, US5263476 A, US5249428 A, US5229465 A, US5220799 A, US5220502 A, US5207623 A, US5188099 A, US5133339 A, US5120329 A, US5109837 A, US5101819 A, US5082471 A, US5063753 A, US5061298 A, US4991616 A, US4974829 A, US4973339 A, US4896514 A, US4845958 A, US4826510 A, US4807706 A, US476548 A, US4685305 A, US4681602 A, US4602486 A, US4556180 A, US4439213 A, US4378920 A, US4190424 A, US4121790 A, US3948626 A, US3893514 A, US375015 A, US3748626 A, US3715438 A, US365067 A, US3478769 A, US2373333 A, US2008160387 AA, US2006280993 AA, US2005173017 AA, US1827530 A, US1224180 A, SU1718965 T, SU1688873 T, SU1680166 T, SU1456161 T, SU1338862 T, SU1223919 T, JP9276428 A2, JP8173565 A2, JP3274433 A2, JP3131504 A2, JP3097604 A2, JP3052631 A2, JP2000153004, JP1274771 A2, JP11004901 A2, JP1058272 A2, GB822945 A, GB191229119, GB191129119 A, GB1157113 A, FR2748396 A1, FR2702154 A1, FR2640878 A1, EP2748396, EP1062005 B1, EP0472799 A1, EP0374333 A1, EP0301464 A2, EP0234056 A1, EP0185980 A2, EP0113149 A2, DE3526879 A1, DE2837278 A1, AU747436 B2, AU107372 B2,

Forward Citations: WO9906115, WO17054404, WO17039031, WO16209976, WO16110340, WO16025376, WO15019322, WO14071303, WO13144366, WO13070258, WO12125055, WO12096577, WO12065042, WO12013992, WO12005712, WO11087488, WO11087488, WO11049002, WO10081181, WO10040379, WO09078017, WO09041998, WO09016168, WO08097281, WO08097281, WO08068076, WO08060175, WO08046673, WO08012531, WO08012531, WO07120918, WO07120918, WO07096181, WO07086765, WO07054314, WO07019559, WO06107117, WO06103364, WO05049124, WO05044387, WO05033251, WO05007273, WO04081192, WO04081192, WO04080540, WO04071591, WO04054493, WO04054493, WO04050003, WO04027728, WO03090904, WO03077980, WO03039679, WO03031892, WO03024531, WO0220136, WO0216010, WO0209848, WO0209848, WO02060369, WO0204041, WO0204041, WO0178843, WO0178843, WO0158405, WO0054854, WO0054854, WO0010632, USRE40065, USD767754, USD765237, USD527107, US9802079, US9802012, US9801925, US9796688, US9764170, US9752436, US9750962, US9720443, US9717689, US9708707, US9707444, US9706944, US9700690, US9682259, US9675674, US9662461, US9655850, US9649458, US9643048, US9642764, US9636565, US9630930, US9618908, US9610351, US9600029, US9597533, US9579540, US9534879, US9511261, US9511198, US9492629, US9486653, US9463341, US9457214, US9457209, US9447496, US9446269, US9446133, US9446001, US9433822, US9422625, US9393372, US9381388, US9364698, US9364619, US9364590, US9364436, US9358352, US9346766, US9339615, US9339336, US9308406, US9302128, US9296480, US9283346, US9283193, US9272296, US9241903, US9235195, US9233159, US9220687, US9201405, US9192798, US9192675, US9180271, US9126002, US9121098, US9072921, US9072857, US9044628, US9033061, US9022133, US8987925, US8978778, US8973670, US8967284, US8948824, US8940374, US8939225, US8925252, US8920286, US8912193, US8910629, US8887820, US8881763, US8877274, US8875801, US8858398, US8844526, US8840572, US8813860, US8793946, US8763712, US8763609, US8733351, US8701718, US8683997, US8677995, US8672348, US8663996, US8658259, US8636001, US8627819, US8616128, US8602119, US8579209, US8567516, US8555878, US8555877, US8535064, US8528552, US8522780, US8517116, US8499757, US8485181, US8485180, US8464751, US8464716, US8427642, US8424518, US8413653, US8408322, US8407835, US8381732, US8376059, US8375938, US8314673, US8299880, US8297282, US8297279, US8287436, US8267081, US8256525, US8256524, US8252090, US8251876, US8245713, US8235732, US8230859, US8221329, US8187154, US8174697, US8156937, US8154724, US8146592, US8141798, US8141649, US8122738, US8118024, US8079421, US8051853, US8027035, US8025056, US8025055, US8021407, US7946959, US7931733, US7926483, US7921927, US7921869, US7916293, US7900709, US7900626, US7895855, US7857068, US7845423, US7841929, US7837764, US7818835, US7814932, US7814908, US7811359, US7795613, US7789820, US7778735, US7726410, US7726408, US7721811, US7717776, US7713592, US7686093, US7661428, US7644713, US7634999, US7631506, US7617826, US7594545, US7588612, US7588517, US7575549, US7568285, US7552534, US7547250, US7540589, US7520277, US7509968, US7507249, US7481234, US7452310, US7437820, US7434628, US7427315, US7390250, US7350591, US7347054, US7337856, US7267072, US7234897, US7226471, US7207392, US7178522, US7137389, US7124834, US7124834, US7124833, US7100603, US7100603, US7018443, US7011092, US6997180, US6957651, US6945248, US6945064, US6880557, US6871645, US6840331, US6827760, US6826911, US6820619, US6810876, US6789539, US6739400, US6691552, US6682844, US6676081, US6672397, US6668581, US6659101, US6651658, US6629525,

US6619404, US6616454, US6601653, US6575163, US6565624, US6561185, US6560991, US6557374, US6547851, US6540771, US6532957, US6508850, US6497231, US6484719, US6478850, US6425255, US6418932, US6418752, US6401487, US6352078, US6220245, US6167107, US6131569, US6016803, US6009870, US5988161, US5964222, US2017015557, US2016329114, US2016175623, US2016095994, US2016052639, US2015360170, US2015333347, US2015328073, US2015155717, US2015090259, US2015013063, US2014338927, US2014326021, US2014290651, US2014274563, US2014179216, US2014123577, US2014027132, US2014024305, US2014007869, US2013160767, US2013137356, US2013098639, US2013098638, US2013098637, US2013098636, US2012318921, US2012217028, US2012168184, US2012035772, US2012031633, US2012012346, US2012011648, US2011315408, US2011308823, US2011227686, US2011227685, US2011227684, US2011226493, US2011183307, US2011155927, US2011120567, US2011111649, US2011098615, US2011098157, US2011088697, US2011065372, US2011034219, US2010326433, US2010288378, US2010285436, US2010285237, US2010282257, US2010242959, US2010236796, US2010193609, US2010193203, US2010190353, US2010181081, US2010154922, US2010139659, US2010101576, US2010083966, US2010077921, US2010071561, US2010018723, US2009321090, US2009302163, US2009260369, US2009250063, US2009241572, US2009217930, US2009216381, US2009216304, US2009211773, US2009211298, US2009183738, US2009108082, US2009082700, US2009072685, US2009071340, US2009038811, US2009038810, US2009018571, US2009014187, US2009014004, US2008290216, US2008210240, US2008210234, US2008202774, US2008196907, US2008196726, US2008190433, US2008173179, US2008168798, US2008156505, US2008135265, US2008115949, US2008115837, US2008105443, US2008087445, US2008078563, US2008067000, US2008066758, US2008006272, US2007272797, US2007263042, US2007263033, US2007261240, US2007261239, US2007245896, US2007221225, US2007214808, US2007191323, US2007181128, US2007169947, US2007163589, US2007151454, US2007148425, US2007119456, US2007119304, US2007079973, US2007077200, US2007069882, US2007062535, US2007039744, US2007023041, US2006278736, US2006278410, US2006278409, US2006263152, US2006231318, US2006225732, US2006225572, US2006219241, US2006213673, US2006199518, US2006196502, US2006185669, US2006102297, US2006080423, US2006065411, US2006048951, US2006037330, US2006032241, US2006021652, US2005283913, US2005269109, US2005263298, US2005263154, US2005247311, US2005243785, US2005205090, US2005202374, US2005192538, US2005139366, US2005126796, US2005115722, US2005115721, US2005072429, US2005059530, US2005045177, US2005043595, US2005039931, US2004252502, US2004226301, US2004187680, US2004186537, US2004177447, US2004154616, US2004151845, US2004134493, US2004132398, US2004118460, US2004103837, US2004074492, US2004003815, US2003224337, US2003209140, US2003150213, US2003141082, US2003138361, US2003129938, US2003125633, US2003070678, US2002185283, US2002170561, US2002144681, US2002139542, US2002133100, US2002121101, TWI311186, RU2605681, RU2598782, RU2564976, RU2468844, NL2005991, KR101710685, KR101620689, KR101616395, KR101412253, KR101373639, KR101352714, KR101293393, KR101055518, KR100848009, KR100780448, KR100780447, JP4883184, JP2016165496, JP2015211850, JP2015198974, JP2015142854, JP2014166592, JP2014166591, JP2014144383, JP2014128701, JP2014097428, JP2014087707, JP2014012226, JP2013150820, JP2013062250, JP2012157705, JP2012055713, JP2012055712, JP2012055711, JP2012035074, JP2012000454, JP2011255152, JP2011224395, JP2011125673, JP2011115340, JP2011115339, JP2011115338, JP2011115336, JP2011115334, JP2011115333, JP2011115331, JP2011115330, JP2010534544, JP2010511447, JP2009527302, JP2007510485, JP2006122378, ITMI20090788, GB2527205, GB2513371, GB2513371, GB2376185, GB2376185, GB2362831, FR3047976, FR3046549, FR3001581, FR2982164, FR2926627, FR2921273, FR2883759, FR2863341, FR2838982, FR2831825, ES2351809, EP3208197, EP3103524, EP3045391, EP3042698, EP2949363, EP2939645, EP2824744, EP2724753, EP2521112, EP2521112, EP2491984, EP2415502, EP2404645, EP2397193, EP2239017, EP1981576, EP1981576, EP1930048, EP1923088, EP1923088, EP1913980, EP1913980, EP1868554, EP1721629, EP1689476, EP1682232, EP1671681, EP1663408, EP1663408, EP1628083, EP1574195, EP1569592, EP1538390, EP1538390, EP1485157, EP1364673, EP1355609, EP1318866, EP1307277, EP1245267, EP1235619, EP1062005, EP0898486, EP0898486, EA024966, DE202013011802, DE10352437, DE10343342, DE10343342, DE10310439, DE10261809, DE10261809, DE10261809, DE10257155, DE10249126, DE10249126, DE10235718, DE102014210032, DE102013003128, DE102013003128, DE102013001913, CZ305639, CZ305638, CN105920787, CN105709865, CN105464696, CN104870040, CN104697292, CN104282926, CN104014097, CN103656932, CN103097660, CN102573998, CN102573998, CN102375458, CN102294101, CN102151385, CN102139143, CN101968244, CN101940518, AU2010205886, AU2010201364, AU2007327712, AU2007312474, AU2007306567, AU2004287202, AU2004280153, AU2001277654, AT501544,

Abstract:
Source: US2001029750A Fire prevention and suppression systems and breathable fire−extinguishing compositions are provided for rooms, houses and buildings, transportation tunnels and vehicles, underground and underwater facilities, marine vessels, aircraft, space stations and vehicles, military installations and vehicles, and other human occupied objects and facilities. The system provides a low−oxygen (hypoxic) fire−preventive atmosphere at standard atmospheric or slightly increased pressure. The system employs an oxygen−extraction apparatus supplying oxygen−depleted air inside a human−occupied area or storing it in a high−pressure container for use in case of fire. A breathable fire−extinguishing composition, being mostly a mixture of nitrogen and oxygen and having oxygen content ranging from 12 percent to 17 percent for fire−preventive environments. The fire−suppression system is provided having fire−extinguishing composition with oxygen concentration under 16 percent, so when released it creates a breathable fire−suppressive atmosphere having oxygen content from 10 to 16 percent. A technology for automatically maintaining a breathable fire−preventive composition on board a human−occupied hermetic object is provided.

0) US2002032102A – LABELER FOR PIPES, CONDUITS, TUBES, AND RODS

5) Family number: 28186721 (US2002032102A) © PatBase

Title: Labeler for pipes, conduits, tubes, and rods

Priority: US19950425599 19950519 US19990233297 19990119 US19990233397 19990119 US20010894044 20010628 US20050245808 20051005 US20070690339 20070323

Family:

Publication number	Publication date	Application number	Application date
US2002032102 AA	20020314	US20010894044	20010628
US2006048418 AA	20060309	US20050245808	20051005
US2008189995 AA	20080814	US20070690339	20070323
US6248043 BA	20010619	US19990233297	19990119
US7194829 BB	20070327	US20050245808	20051005

Probable Assignee: VOLUSIA HOLDINGS CORP

Assignee(s):(std)**:** VOLUSIA HOLDINGS CORP

Assignee(s): BOIRE JANET L ; BOIRE MARTIN C ; MORTON B J

Inventor(s):(std)**:** BOIRE JANET L ; BOIRE MARTIN C ; MORTON B J

Inventor(s): BOIRE MARTIN ; BOIRE JANET

Agent(s): LAW OFFICES OF BRIAN S STEINBERGER; LAW OFFICES OF BRIAN S STEINBERGER PA; BRIAN S

International class (IPC 8–9): A63B21/055 A63B23/03 F16L1/00 G09F3/00 G09F3/08 G09F3/20 G09F7/02 G09F7/16 G09F7/18 G09F7/20 (Advanced/Invention); A63B21/02 A63B23/00 F16L1/00 G09F3/00 G09F3/08 G09F7/00 G09F7/02 G09F7/18 (Core/Invention)

International class (IPC 1–7): A63B21/02 A63B23/03

CPC: G09F3/00 G09F3/205 A63B21/0552 A63B21/0004 A63B21/00069 A63B21/055 A63B21/0555 A63B21/4003 A63B21/4025 A63B23/03 A63B2209/10

European class: A63B21/00D A63B21/055 A63B21/055D A63B21/14A1 A63B21/14D2 A63B23/03 G09F3/00 G09F3/20F

US class: 40/316 40/666 482/11 482/124 601/38

Classification Explorer

Cited documents: US6651362 BB, US5816984 A, US5799916 A, US5732915 A, US5727254 A, US5623890 A, US5606813 A, US5579969 A, US5489126 A, US5484359 A, US5428914 A, US5419758 A, US5402592 A, US5338290 A, US5335889 A, US5315774 A, US5311688 A, US5307576 A, US5277700 A, US5275282 A, US5187887 A, US5170578 A, US5157853 A, US5138784 A, US5132492 A, US5111605 A, US5031609 A, US5027538 A, US5020536 A, US4951596 A, US4899474 A, US4846510 A, US4844000 A, US4656767 A, US4650182 A, US4649658 A, US4570921 A, US4430816 A, US4295412 A, US4268986 A, US4246712 A, US3977104 A, US3819177 A, US3741202 A, US3550299 A, US3516631 A, US3322381 A, US3088237 A, US2675594 A, US2008098637 AA, US2005257410 AA, US1960748 A, US1540320 A, US1298981 A, US1247222 A, GB480802 A, GB1027818 A, DE633468 A,

Forward Citations: WO17030514, WO11109481, WO11109481, WO10082941, WO10019988, USRE46069, USD798419, USD777301, USD770593, USD768820, USD761396, USD758537, USD757215, USD750760, USD740400, USD740393, USD728751, USD693732, USD693731, USD688976, USD656550, USD655347, USD617907, USD585948, USD535711, US9782785, US9782784, US9666103, US9558683, US9533317, US9526944, US9486387, US9443449, US9409197, US9371947, US9327301, US9305683, US9228680, US9200471, US8925836, US8863415, US8830519, US8403285, US8263201, US8261772, US8215773, US7998029, US7895966, US7765948, US7708673, US7632217, US7624534, US7540548, US7000615, US6613007, US2017053559, US2016193493, US2016180748, US2015196789, US2015133837, US2015038877, US2015027579, US2014028017, US2013276338, US2013196831, US2013168627, US2013066235, US2012312404, US2012260543, US2012048404, US2011253871, US2011047843, US2010248915, US2010192431,

US2010181232, US2010151997, US2010125931, US2009277570, US2009038773, US2008238084, US2008017641, US2007249995, US2007167890, US2007123841, US2007099775, US2007060447, US2007033732, US2006172870, US2005284876, US2005227834, US2004200106, US2004144390, US2004068902, US2003230019, US2003144596, CN104040100, CN102233748,

Abstract:
Source: US2002032102A A pipe or conduit labeler includes a saddle leg having an inside diameter equal to or slightly smaller than an outside diameter of a pipe or conduit to be labeled. The saddle leg is molded to a saddle stem which in turn is molded to a sign plate. A user either writes useful information directly on the sign plate or affixes a pre−made label to the plate. The sign plate optionally includes raised lettering or information such as an arrow pre−molded on the plate, or Braille characters. The labeler resiliently clips onto the pipe or conduit being labeled. More complex variations of the labeler include extending arms and moveable joints, enabling the identification of pipes or conduits which are at difficult angles or out of direct sight of a user. The labeler provides a means for quickly and clearly labeling pipes, conduit, tubes, and rods. The labeler can be mass produced as a single mold or in parts with different sign plates of varying size and construction. The sign plate provides a flat surface for writing. The labeler can be temporary, removable, or made permanent simply by applying an adhesive to the saddle portion prior to affixing the labeler.

0) DE3722200A1 – GOAL FOR FOOTBALL FUSSBALLTOR

6) Family number: 7120708 (DE3722200A1) © PatBase

Title:	Goal for football
Priority:	DE19873722200 19870704

Family:

Publication number	Publication date	Application number	Application date
DE3722200 A1	19890112	DE19873722200	19870704

Probable Assignee:	KARBACH WILFRIED
Assignee(s):(std)**:**	KARBACH WILFRIED
Inventor(s):	VERZICHT DES ERFINDERS AUF NENNUNG
International class (IPC 8–9)**:**	A63B63/00 (Advanced/Invention); A63B71/02 (Advanced/Non–invention); A63B63/00 (Core/Invention); A63B71/02 (Core/Non–invention)
International class (IPC 1–7)**:**	A63B63/00
CPC:	A63B63/004 A63B2071/024 A63B2210/50 A63B2225/055
European class:	A63B63/00F K63B210/50 K63B225/05F K63B71/02S1P
Classification Explorer	
Forward Citations:	WO9521002, FR2658730, FR2658729, EP0502279, DE9104033, DE202016001512, DE202009010331, DE10135056, DE10135056,

Abstract:
Source: DE3722200A1 A goal for football, especially a sports device which is designed to be transportable and to be especially suitable for games played as part of amateur and/or leisure sporting activities and/or for indoor training etc. is proposed which has a kit (1) composed of elements (2 to 5) which can be combined in a modular fashion, rapid connecting means (6 to 13) which can engage with one another being assigned to the said elements (2 to 5) for mutual connection and for fastening to the floor. The elements (2 to 5) of the kit (1) comprise an overhead goal bar (2), two lateral post parts (3a, 3b), two supporting rods (4a, 4b) and a net (5). In contrast to the dimensions of a goal used in professional football, the basic configuration of this transportable amateur sports device preferably has an inside height (H) of 0.9 m and an inside width (W) of 1.5 m (see Figure 1).

- **search:** SS10 TAC=(hook or carabiner) and (trigger and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219 (Results 5)
- List: SS10 1–50 (TAC=(hook or carabiner) and (trigger and fast* and quick*) and IC=(A62B or F16B or A63B or F16G) and PD<20140219) (Results 5)

0) US4452161A – HOOK FOR ATTACHING RIDER TO BOARD SAILER

1) Family number: 2167259 (US4452161A) © PatBase

Title: Hook for attaching rider to board sailer

Priority: AU19800004975 19800811 AU19800006408 19801110 AU19810074004 19810811 AU1980PE06408 19801110 AU1980PE04975 19800811 AU19810074004 19800811 WO1981AU00109 19810811

Family:

Publication number	Publication date	Application number	Application date
AU198174004 A1	19820218	AU19810074004	19810811
AU549644 B2	19860206	AU19810074004	19810811
EP0057221 A1	19820811	EP19810902260	19810811
US4452161 A	19840605	US19820371299	19820412
WO8200448 A1	19820218	WO1981AU00109	19810811

Probable Assignee: MCCOY DG

Assignee(s):(std): MCCOY D ; MCCOY D G ; MCCOY DONALD G ; MCCOY DONALD GEORGE

Assignee(s): MCCOY DG

Inventor(s):(std): MCCOY D ; MCCOY DONALD GEORGE ; MCCOY DONALD G ; MCCOY D G

Inventor(s): D G MCCOY ; DONALD GEORGE MCCOY ; DG MCCOY

Agent(s): COLLISON AND CO

Designated states: DE FR GB JP US

International class (IPC 8–9): B63B35/79 B63H9/10 F16B45/02 (Advanced/Invention); B63B35/73 B63H9/00 F16B45/00 (Core/Invention)

International class (IPC 1–7): B63B9/08 B63H9/10 F16B45/02

CPC: B63B35/7993

European class: B63B35/79W6

US class: 114/39 114/39.18 114/97

Classification Explorer

Cited documents: US4112865 A, DE2940605 A1, DE2930598 A1, DE2845081 A1, DE2837534 A1, DE2835579 A1,

Forward Citations: WO13111169, WO09015349, US9758221, US9469386, US9339690, US9174083, US9051033, US9045203, US7992506, US7464656, US7413146, US7346966, US6991502, US6932301, US6640397, US6260803, US4630563, US2016221649, US2016159444, US2016159443, US2015004859, US2014305364, US2013303336, US2007289515, US2007114333, US2006102794, US2005115519, US2005048855, US2005040292, ITTO20120059, GB2398602, GB2398602, FR2661653, FR2553056, EP1449761, EP0216216, AU578921,

Abstract:
Source: US4452161A PCT No. PCT/AU81/00109 Sec. 371 Date Apr. 12, 1982 Sec. 102(e) Date Apr. 12, 1982 PCT Filed Aug. 11, 1981 PCT Pub. No. WO82/00448 PCT Pub. Date Feb. 18, 1982.A quick release–hook to be secured to the chest harness of the rider of a board sailer. The hook helps in bracing the sail of the board sailer by engaging a loop of a rope attached to the boom–like rail of the board sailer. The hook (9) pivots from hooking to release position when the rider moves the rope through the hook so that thicker portions of the rope can press abutment members (21), forcing resilient tongue (17) out of engagement with the hook which then pivots, passing through slot (25) between members (21) to release the rope.

0) US2005191118A – SPRING LOADED TURNBUCKLE WITH QUICK DISCONNECT ...

2) Family number: 32199636 (US2005191118A) © PatBase

Title: SPRING LOADED TURNBUCKLE WITH QUICK DISCONNECT

Priority: CA20042491374 20041231 US20040015177 20041217 US20070772653 20070702 US20050121754 20050503 US20040549323P 20040301 US20050123837 20050505

Family:

Publication number	Publication date	Application number	Application date
CA2491374 AA	20050901	CA20042491374	20041231
CA2491374 C	20110830	CA20042491374	20041231
US2005191118 AA	20050901	US20040015177	20041217
US2005254886 AA	20051117	US20050123837	20050505
US2005263301 AA	20051201	US20050121754	20050503
US2008001335 AA	20080103	US20070772653	20070702
US7237977 BB	20070703	US20050123837	20050505
US7249907 BB	20070731	US20040015177	20041217
US7334955 BB	20080226	US20050121754	20050503
US7752924 BB	20100713	US20070772653	20070702

Probable Assignee: TORK LIFT CENTRAL WELDING OF K

Assignee(s):(std)**:** KAY JON D ; TORK LIFT CENTRAL WELDING OF K

Assignee(s): TORK LIFT CENTRAL WELDING OF KENT INC

Inventor(s):(std)**:** KAY JON D

Inventor(s): KAY JON

Agent(s): FINLAYSON AND SINGLEHURST; R REAMS GOODLOE JR AND R REAMS GOODLOE PS; R REAMS; GOODLOE JR R REAMS

International class (IPC 8–9): A01B51/00 B66F3/00 F16B7/06 F16F1/06 F16G11/12 G01G9/00 G01L1/00 (Advanced/Invention)

International class (IPC 1–7): A01B51/00 F16B7/06 F16G11/12

CPC: Y10T403/29 Y10T403/293 Y10T403/295 Y10T403/299 Y10T403/32008 B60P7/0838 F16B7/06 F16G11/12

European class: B60P7/08C3 F16B7/06 F16G11/12

US class: 172/776 177/232 177/233 177/245 254/100 254/243 254/246 254/256 267/71 267/71P 403/43 403/43P 403/45 403/46 403/48 403/48P 403/53 73/862.391 73/862.392

Classification Explorer

Cited documents: US7237977 BB, US6649850 BB, US6543296 BA, US6065914 A, US6056069 A, US6050737 A, US6048146 A, US5765957 A, US5704668 A, US5702196 A, US5680676 A, US4964479 A, US4778194 A, US4693097 A, US4573842 A, US4458940 A, US4401333 A, US4335489 A, US4090691 A, US4025207 A, US3938844 A, US3837701 A, US3782774 A, US3782274 A, US3751083 A, US3623690 A, US3610606 A, US3402961 A, US3377036 A, US3051519 A, US304815 A, US2793892 A, US2705725 A, US2705125 A, US2465621 A, US2359492 A, US2009056476 AA, US2008001335 AA, US2005263301 AA, US2005254886 AA, US2005191118 AA, US2003178611 AA, US2003074978 AA, US1413328 A, US1393614 A, US1374963 A, US1247760 A, US1208182 A, GB2228093 A1,

Forward Citations: WO13138480, US9788471, US9695854, US9618069, US9491898, US7938604, US7913363, US7752924, US7634841, US7422400, US7334955, US7249907, US7237977, US7219951, US2014346793, US2013037283, US2012045296, US2009283730, US2009279977, US2008235922, US2008001335, US2006280549, US2006263162, US2005263301, US2005254886, US2005191118, US2005168011, CN102092336, CN102079266,

Abstract:
Source: US2005191118A A spring loaded tensioning device. The device includes an elongated tubular member

containing a spring loaded rod which extends through a lower stop on the tubular member to an attachment feature such as a hook. At the upper end of the tubular member, a pivot housing is provided to secure a pivotable handle, as well as to provide apertures for locking the device via pin, or a padlock or similar device.

3) Family number: 43541426 (US2010067331A) © PatBase

Title: ITERATIVE CORRELATION–BASED EQUALIZER FOR UNDERWATER ACOUSTIC COMMUNICATIONS OVER TIME–VARYING CHANNELS

Priority: US20080006499 20080116 US20080006499P 20080116 US20080096458P 20080912 US20080096658P 20080912 US20090548789 20090827 US20080096458 20080912 US20090559076 20090914 WO2009US31289 20090116 US20090863225 20090116

Family:

Publication number	Publication date	Application number	Application date
EP2234511 A1	20101006	EP20090702825	20090116
EP2234511 A4	20140108	EP20090702825	20090116
IL207065 A0	20101230	IL20090207065	20090116
US2010067331 AA	20100318	US20090548789	20090827
US2010088799 AA	20100415	US20090559076	20090914
US2011120295 AA	20110526	US20090863225	20090116
US8990971 BB	20150331	US20090863225	20090116
WO09092006 A1	20090723	WO2009US31289	20090116
WO10030513 A1	20100318	WO2009US55173	20090827

Probable Assignee: ARCHANGED ARMOR LLC

Assignee(s):(std)**:** ARCHANGED ARMOR LLC ; ARCHANGEL ARMOR LLC ; CARTER PAUL ; US GOV SEC NAVY ; YANG TSIH C

Assignee(s): REPRESENTED BY SECRETARY OF NAVY AS US GOV ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY

Inventor(s):(std)**:** CARTER PAUL ; YANG TSIH C

Agent(s): REEDY ORLAITH; NAVAL RESEARCH LABORATORY,ASSOCIATE COUNSEL (PATENTS); NOVAK DRUCE AND QUIGG LLP; DIMINO MICHAEL J; RESSING AMY L

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

International class (IPC 8–9): A41D1/04 A45F3/04 A45F3/06 A45F3/10 A63B71/12 F41H1/02 F41H5/00 H04B11/00 (Advanced/Invention); A41D1/00 A45F3/04 F41H1/00 H04B11/00 (Core/Invention); A41D (Subclass/Invention)

CPC: H04B11/00 F41H1/02 A45F3/06 A45F3/10

European class: A45F3/06 F41H1/02 H04B11/00

US class: 2/102 2/2.5 2/462 2/463 2/464 2/467 224/259 224/259S 224/633 224/635 367/134 89/36.05 89/36.050P

Classification Explorer

Cited documents: US7447117 BB, US6819630 BA, US5806740 A, US5692011 A, US5060314 A, US3357613 A, US2748391 A, US2747190 A, US2008192842 AA, US2008010730 AA, US2007147253 AA, US2007107109 AA, US2007071077 AA, US2007036243 AA, US2006208024 AA, US2006136790 AA, US2006133533 AA, US2005082330 AA, US2005063378 AA, US2005052991 AA, US2005005342 AA, US2004032917 AA, US2002113103 AA,

Forward Citations: WO16076930, WO12168366, US9752854, US9743719, US9735612, US9504307, US9498008, US9354023, US9271559, US9250041, US9222757, US9118999, US9109859, US9038251, US9003947, US8998053, US8844062, US8523028, US8418897, US8355295, US2015237922, US2015082524, US2015082507, US2014237698, US2013047320, US2012174276, US2012132065, US2012098645, US2011035855, US2008010730, FR2976351, AU2012266385,

Abstract:
Source: US2010067331A Underwater communications apparatus and methods are presented using iterative correlation−based equalization in which initial estimated symbols of a current data block are produced using a correlation−based equalizer (CBE) based at least partially on the received sound transmissions of the current data block and an estimated channel impulse response (CIR) of a previous data block, the CIR of the current data block is estimated using the initial estimated symbols, and re−estimated symbols of the current data block are produced using a CBE based on the estimated CIR, and the estimated symbol having the lowest error is selected as the received data.

0) US2013075047A – MOUNTING SYSTEM FOR WINDOW AFFINITY DISPLAYS

4) Family number: 53291661 (US2013075047A) © PatBase

Title: MOUNTING SYSTEM FOR WINDOW AFFINITY DISPLAYS

Priority: US20110200297 20110922 US20130094720 20131202 US20140454837 20140808

Family:

Publication number	Publication date	Application number	Application date
US2013075047 AA	20130328	US20110200297	20110922
US2014090790 AA	20140403	US20130094720	20131202
US2014345175 AA	20141127	US20140454837	20140808
US8596331 BB	20131203	US20110200297	20110922
US9396674 BB	20160719	US20140454837	20140808

Probable Assignee: FANZ LLC

Assignee(s):(std)**:** FANZ LLC ; JONES C JENNIFER ; LARSON SEAN C ; LEWIS SHANE D

Inventor(s):(std)**:** LEWIS SHANE D ; LARSON SEAN C ; JONES C JENNIFER

Agent(s): CLAYTON MCKAY AND BAILEY PC

International class (IPC 8–9)**:** A47H1/18 A47H13/00 A47H23/00 F16B47/00 F16M13/02 G09F21/04 G09F7/00 G09F7/18 (Advanced/Invention)

CPC: A47H1/18 F16M13/02 F16B47/00 G09F2007/1852 G09F21/04 G09F7/18 A47H2201/01 G09F2021/041

US class: 1/1 160/350 160/368.1 160/370.21 160/89 40/584 40/591

Classification Explorer

Cited documents: US8312910 BB, US7841378 BB, US7757417 BA, US7398816 BB, US7389601 BA, US6997501 BB, US6794011 BB, US6375143 BA, US6247423 BA, US6213440 BA, US6089517 A, US6042912 A, US5694998 A, US5680893 A, US5670219 A, US5597025 A, US5570734 A, US5553654 A, US5517722 A, US5396408 A, US5278556 A, US5191922 A, US5090095 A, US5074348 A, US4878258 A, US4802523 A, US4790591 A, US4753027 A, US4399347 A, US4237958 A, US4213492 A, US3996987 A, US3905414 A, US2500074 A, US2012297541 AA, US2012055640 AA, US2011168340 AA, US2010224331 AA, US2010200180 AA, US2010116447 AA, US2010051214 AA, US2010032536 AA, US2009301671 AA, US2009272500 AA, US2009213586 AA, US2009071611 AA, US2008283205 AA, US2008006375 AA, US2007187047 AA, US2007144688 AA, US2006117621 AA, US2006081344 AA, US2005091890 AA, US2004074124 AA, US1778499 A,

Forward Citations: US2015184449, US2013213588,

Abstract:
Source: US2013075047A The invention provides a mounting system for holding one or more affinity displays upon a window in an exceptionally stable manner. The apparatus comprises a drape that is capable of being wrapped around the edge or frame edge of a window, and the drape is also attached to a plurality of surface mounting components. The drape is further linked to the affinity display.

0) US2013074294A – ADJUSTABLE JAW TABLE CLAMP

5) Family number: 53291329 (US2013074294A) © PatBase

Title: ADJUSTABLE JAW TABLE CLAMP

Priority: US20110200505 20110923

Family:

Publication number	Publication date	Application number	Application date
US2013074294 AA	20130328	US20110200505	20110923

Probable Assignee: LYNCH JAMES C

Assignee(s):(std)**:** LYNCH JAMES C

Inventor(s):(std)**:** LYNCH JAMES C

International class (IPC 8–9)**:** F16B2/12 (Advanced/Invention)

CPC: A47G21/167 F16B2/12 Y10T24/44684 Y10T24/44966

US class: 24/535 24/568

Classification Explorer

Cited documents: US8282088 BB, US5544393 A, US4627604 A, US3575405 A, US3071368 A, US2323654 A,

Forward Citations: WO16065901, US9504309, US9107526, US2016095422, US2014339386,

Abstract:
Source: US2013074294A An adjustable jaw table clamp apparatus for quickly and easily attaching table cover and skirting to a table. The disclosed apparatus provides a lightweight, easy to manufacture clamping device that is adjustable. There is disclosed a clamping apparatus that is adjustable and can fit various table thicknesses with a design that is universal and can accommodate the thicknesses of different table top sizes. The apparatus comprises a variably adjusting clamping device that is easy to use and may be reusable.

- **search:** SS11 TAC=(hook or carabiner or connector) and FT=((wire or cable or line) W5 (embedded or inside or includ*) and reinforce*) (Results 7866)
- List: SS11 1–50 (TAC=(hook or carabiner or connector) and FT=((wire or cable or line) W5 (embedded or inside or includ*) and reinforce*)) (Results 7866)

0) US2006012024A – SEMICONDUCTOR CHIP ASSEMBLY WITH METAL CONTAINM...

1) Family number: 30050687 (US2006012024A) © PatBase

Title: SEMICONDUCTOR CHIP ASSEMBLY WITH METAL CONTAINMENT WALL AND SOLDER TERMINAL

Priority:

US20000687619	20001003	US20000687619	20001013	US20010939140	20010824
US20010927216	20010810	US20010917339	20010727	US20010878626	20010611
US20020165483	20020606	US20020156469	20020528	US20020215944	20020809
US20010972796	20011006	US20020188459	20020703	US20020156277	20020528
US20010962754	20010924	US20010997973	20011129	US20030653723	20030902
US20030356800	20030201	US20030509299P	20031007	US20030507145P	20030930
US20030403736	20030331	US20020302642	20021123	US20020261419	20020930
US20020235331	20020905	US20030356372	20030201	US20030646415	20030822
US20030639990	20030813	US20030523566P	20031120	US20020292273	20021112
US20020307218	20021129	US20030497672P	20030825	US20030497425P	20030822
US20040998338	20041127	US20030714794	20031117	US20030719823	20031121
US20040998339	20041127	US20050138812	20050526	US20050144544	20050603
US20060472703	20060622	US20060601892	20061120	US20060586295	20061025
US20060603805	20061122	US20060604626	20061127	US20060588012	20061026
US20060604578	20061127	US20060604608	20061127	US20060645488	20061226
US20060498614	20060803	US20060586787	20061026	US20040994836	20041122
US20050216783	20050831	US20060604485	20061127	US20060586909	20061026
US20040994604	20041122	US20050213398	20050826	US20050137960	20050526
US20050647592P	20050127	US20040604522P	20040826	US20040924670	20040824
US20040985579	20041110	US20050145210	20050603	US20040922280	20040819
US20040971856	20041022	US20040966816	20041015	US20060784041P	20060320
US20070707374	20070217	US20060784034P	20060320	US20090363765	20090201
US20070708839	20070221				

Family:

Publication number	Publication date	Application number	Application date
CN100440469 C	20081203	CN200610103294	20060724
CN1921096 A	20070228	CN200610103293	20060724
CN1925123 A	20070307	CN200610103294	20060724
TW200709314 A	20070301	TW20060104307	20060209
TW200709377 A	20070301	TW20060100138	20060103
TW567591 B	20031221	TW20000123213	20001103
TWI292195 B	20080101	TW20060104307	20060209
TWI307549 B	20090311	TW20060100138	20060103
US2006012024 AA	20060119	US20050213398	20050826
US2006014316 AA	20060119	US20050216783	20050831
US6440835 BA	20020827	US20000687619	20001013
US6492252 BA	20021210	US20010997973	20011129
US6537851 BA	20030325	US20010917339	20010727
US6548393 BA	20030415	US20010927216	20010810
US6576493 BA	20030610	US20020188459	20020703
US6576539 BA	20030610	US20010939140	20010824
US6583040 BA	20030624	US20020156277	20020528
US6608374 BA	20030819	US20020215944	20020809
US6653217 BA	20031125	US20010878626	20010611
US6653742 BA	20031125	US20020235331	20020905
US6667229 BA	20031223	US20010972796	20011006
US6673710 BA	20040106	US20010962754	20010924
US6699780 BA	20040302	US20020302642	20021123
US6740576 BA	20040525	US20020165483	20020606
US6800506 BA	20041005	US20020156469	20020528
US6809414 BA	20041026	US20020307218	20021129

US6872591 BA	20050329	US20030646415	20030822	
US6876072 BA	20050405	US20030653723	20030902	
US6908788 BA	20050621	US20030639990	20030813	
US6949408 BA	20050927	US20030356372	20030201	
US6984576 BA	20060110	US20030356800	20030201	
US7009297 BA	20060307	US20040922280	20040819	
US7015128 BA	20060321	US20040924670	20040824	
US7067911 BA	20060627	US20040966816	20041015	
US7071089 BA	20060704	US20040998338	20041127	
US7071573 BA	20060704	US20040985579	20041110	
US7075186 BA	20060711	US20050137960	20050526	
US7094676 BA	20060822	US20030719823	20031121	
US7112521 BA	20060926	US20040998339	20041127	
US7129113 BA	20061031	US20040971856	20041022	
US7129575 BA	20061031	US20040994604	20041122	
US7132741 BA	20061107	US20040994836	20041122	
US7190080 BA	20070313	US20030714794	20031117	
US7192803 BA	20070320	US20030403736	20030331	
US7232706 BA	20070619	US20050144544	20050603	
US7232707 BA	20070619	US20050145210	20050603	
US7262082 BA	20070828	US20060498614	20060803	
US7264991 BA	20070904	US20020292273	20021112	
US7268421 BA	20070911	US20060472703	20060622	
US7319265 BA	20080115	US20050138812	20050526	
US7396703 BA	20080708	US20060603805	20061122	
US7414319 BB	20080819	US20050213398	20050826	
US7417314 BA	20080826	US20060604626	20061127	
US7419851 BB	20080902	US20050216783	20050831	
US7425759 BA	20080916	US20060601892	20061120	
US7446419 BA	20081104	US20060588012	20061026	
US7453140 BA	20081118	US20060604578	20061127	
US7459385 BA	20081202	US20060604608	20061127	
US7494843 BA	20090224	US20060645488	20061226	
US7538415 BA	20090526	US20070707374	20070217	
US7750483 BA	20100706	US20060586787	20061026	
US7811863 BA	20101012	US20090363765	20090201	
US7833827 BA	20101116	US20070708839	20070221	
US7932165 BA	20110426	US20060604485	20061127	
US7993983 BA	20110809	US20060586909	20061026	

Probable Assignee: BRIDGE SEMICONDUCTOR CORP

Assignee(s):(std)**:** LIN CHARLES W C ; BRIDGE SEMICONDUCTOR CORP

Assignee(s): BRIDGESEMICONDUCTOR CORP ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; LIN CHARLES WC ; MITSUBISHI ELECTRIC AND ELECTRONICS U SA ; MITSUBISHI ELECTRIC AND ELECTRONICS USA ; N ATW ; SPINESMITH PARTNERS LP ; MITSUBISHI ELECTRIC AND ELECTRONICS USA INC ; SAFE START LLC ; TROJAN BATTERY CO LLC A DELAWARE LIABILITY CO LTD WAS KNOWN TROJAN BATTERY CO LLC A CALIFORNIA LIABILITY CO WAS KNOWN TROJAN B AS LTD ; TROJAN BATTERY CO LLC A DELAWARE LIABILITY CO LTD WAS KNOWN AS TROJAN BATTERY COMPANY LLC A CALIFORNIA LIMITED LIABILITY COMPANY WAS KNOWN AS TROJAN B

Inventor(s):(std)**:** WANG JIA ZHONG ; WANG CHIA CHUNG ; SIGMOND DAVID M ; LIN WEN CHIANG ; LIN CHARLES W C ; LIN CHARLES W ; LIN CHARLES ; LEU CHUEN RONG ; CHEN

	CHENG CHUNG ; CHIANG CHENG LIEN
Inventor(s):	LIN CHARLES WC ; CHARLES LIN ; WANG JIA JUNG
Agent(s):	DAVID M SIGMOND; DAVID M; SIGMOND DAVID M
International class (IPC 8–9):	H01L23/06 H01L23/48 H01B13/00 H01L21/00 H01L21/44 H01L21/48 H01L21/50 H01L21/60 H01L23/02 H01L23/04 H01L23/053 H01L23/12 H01L23/28 H01L23/31 H01L23/485 H01L23/488 H01L23/495 H01L23/498 H01L23/52 H01L23/538 H05K3/06 H05K3/40 (Advanced/Invention); H05K3/40 (Advanced/Non–invention); H01B13/00 H01L21/02 H01L23/02 H01L23/12 H01L23/28 H01L23/48 H01L23/52 H05K3/06 H05K3/40 (Core/Invention); H01L23/06 H01L23/48 H05K3/40 (Core/Non–invention)
International class (IPC 1–7):	H01L21/44 H01L21/48 H01L21/50 H01L23/02 H01L23/28 H01L23/48
CPC:	H01L2924/1815 H01L2224/29111 H01L2924/0132 H01L2924/0134 H01L2924/0133 H01L2224/48624 H01L2224/48655 H01L21/563 H01L2224/82 H01L2224/86 H01L2225/06527 H01L2221/68359 H01L23/49805 H01L25/50 H01L2224/1308 H01L2224/16227 H01L2224/29 H01L2224/29298 H01L2224/45111 H01L2224/45124 H01L2224/45155 H01L2224/45164 H01L2224/83102 H01L2224/85207 H01L2224/92125 H01L2924/18161 H01L2224/48228 H01L2224/73217 H01L2224/76155 H01L2924/01083 H01L2924/078 H01L2224/4809 H01L2224/85001 H01L2225/06575 H01L2924/20752 H01L21/4846 H01L23/3107 H01L2224/32057 H01L2224/83121 H01L2224/83194 H01L2224/83385 H01L2924/01202 H01L2924/01203 H01L23/13 H05K3/3436 H05K2201/09036 H05K2201/09472 H01L21/4832 H01L23/5384 H01L2224/16237 H01L24/20 H01L24/27 H01L25/0655 H01L2221/68327 H01L2224/0345 H01L2224/03462 H01L2224/03464 H01L2224/0347 H01L2224/05073 H01L2224/05082 H01L2224/051 H01L2224/05118 H01L2224/056 H01L2224/11001 H01L2224/11011 H01L2224/11849 H01L2224/12105 H01L2224/1301 H01L2224/13111 H01L2224/13147 H01L2224/2101 H01L2224/2105 H01L2224/215 H01L2224/27001 H01L2224/27011 H01L2224/2901 H01L2224/2902 H01L2224/29082 H01L2224/291 H01L2224/29101 H01L2224/29191 H01L2224/29198 H01L2224/2929 H01L2224/293 H01L2224/3001 H01L2224/301 H01L2224/3205 H01L2224/8385 H01L2224/83851 H01L2224/83855 H01L2224/8388 H01L23/36 H01L23/49517 H01L2924/18162 H01L2924/18165 H01L23/49827 H01L24/32 H01L24/48 H01L2224/32145 H01L2224/32225 H01L2224/48599 H01L2924/01014 H01L21/568 H01L24/24 H01L24/29 H01L24/81 H01L24/83 H01L2221/68345 H01L2224/24226 H01L2224/2919 H01L2224/73204 H01L2224/73215 H01L2224/8121 H01L2224/81815 H01L2224/83191 H01L2224/83856 H01L2224/9202 H01L2924/0665 H01L2924/07802 H01L24/16 H01L24/90 H01L2224/45015 H01L2225/0651 H01L21/486 H01L23/49816 H01L2224/92 H01L2224/92247 H01L25/0657 H01L25/105 H01L2224/16225 H01L2225/06541 H01L2225/06586 H01L2924/01049 H01L23/42 H01L24/30 H01L24/33 H01L2224/27013 H01L2224/4824 H01L2224/73253 H01L2224/83051 H01L23/49811 H01L2224/81136 H01L2224/85365 H01L2225/1052 H01L2924/19107 H01L2924/20755 H01L24/45 H01L24/85 H01L2224/16 H01L2224/45144 H01L2224/48091 H01L2224/48227 H01L2224/48465 H01L2224/73265 H01L2224/85 H01L2924/00014 H01L2924/01028 H01L2924/1532 H01L2924/15331 H01L2225/1035 H01L2225/1058 H01L2225/1023 H01L2225/1094 H01L2924/1579 H01L2924/157 H01L2924/1517 H01L2924/15724 H01L2924/15738 H01L2924/15747 H01L2924/1576 H01L2224/48699 H01L2224/48799 H01L23/5389 H01L24/82 H01L2224/82047 H01L2224/92144 H01L2924/01019 H01L2924/01011 H01L2924/01022 H01L2924/01077 H01L2224/11474 H01L2224/82039 H01L21/4853 H01L23/3114 H01L23/3128 H01L2924/1433 H01L2924/19041 H01L2924/3011 H01L2924/01024 H01L2924/0103 H01L2224/1148 H01L2924/01018 H01L2924/01027 H01L2924/01072 H01L2924/19042 H01L2224/13099 H01L2924/01052 H01L23/49838 H01L2224/131 H01L2224/83192 H01L2924/01087 H01L2924/15173 H01L2924/19043 H01L2924/30107 H01L23/4985 H01L2224/1147 H01L2224/11472 H01L2224/1134 H01L2224/78301 H01L2924/00013 H01L2924/01005 H01L2924/01006 H01L2924/01012 H01L2924/01013 H01L2924/01015 H01L2924/01029 H01L2924/01033 H01L2924/0104 H01L2924/01046 H01L2924/01047 H01L2924/01074 H01L2924/01078 H01L2924/01079 H01L2924/01082 H01L2924/01327 H01L2924/014 H01L2924/09701 H01L2924/14 H01L2924/3025 H05K3/4046 H01L21/6835 H01L21/56 H01L21/565 H01L23/295 H01L23/3121 H01L23/3164 H01L23/3171 H01L23/3677 H01L24/03 H01L24/05 H01L24/13 H01L2221/68372 H01L2221/68377 H01L2221/68381 H01L2224/02319 H01L2224/02331 H01L2224/0237 H01L2224/02377 H01L2224/02379 H01L2224/0239 H01L2224/036 H01L2224/05548 H01L2224/11002 H01L2224/1132 H01L2224/11334 H01L2224/1146 H01L2224/116 H01L2224/13008 H01L2924/0105 H01L2924/15311 H01L2924/10253 H01L2224/81191 H01L2224/82102 H01L2224/48511 H01L2224/45139 H01L2924/3651 H01L2224/24227 H01L2224/81801 H01L2224/04042 H01L2224/0401 H01L2224/26175 H01L2924/351 H01L2924/181 H01L2224/48855 H01L2224/05554 H01L2224/48724 H01L2224/85203 H01L2224/85205 Y02P70/613 H01L2224/13144 H01L24/73 H01L2224/19 H01L2224/11 H01L2224/13 H01L2224/05556 H01L2224/0557

H01L2224/05573 H01L2224/0558 H01L2224/05001 H01L2224/05008 H01L2224/05022 H01L2224/05569 H01L2224/05024 H01L2224/05026 H01L2224/05023 H01L2224/05568 H01L2224/05571 H01L2224/05552 H01L2224/05155 H01L2224/05147 H01L2224/05166 H01L2224/05171 H01L2224/05144 H01L2224/05139 H01L2224/05164 H01L2224/05553 H01L2224/05124 H01L2224/05644 H01L2224/05647 H01L2924/3512 H01L2924/3511 H01L2224/05624 H01L2224/05655 H01L2224/12 H01L24/11 H01L2224/04105 H01L2224/18 H01L2924/00011 H01L24/18 H01L24/19 H01L2224/05611 H01L2224/45147

European class: H01L21/48C3E4 H01L21/48C4 H01L21/48C4C H01L21/48C4E H01L21/56M H01L21/56T H01L21/60E H01L21/683T H01L23/13 H01L23/31H H01L23/31H1 H01L23/31H2B H01L23/367W H01L23/495C H01L23/498A H01L23/498C H01L23/498C4 H01L23/498E H01L23/498G H01L23/498J H01L23/538E H01L23/538V H01L24/02 H01L24/10 H01L24/11 H01L24/12 H01L24/13 H01L24/16 H01L24/18 H01L24/19 H01L24/20 H01L24/24 H01L24/26 H01L24/29 H01L24/30 H01L24/32 H01L24/33 H01L24/48 H01L24/81 H01L24/82 H01L24/83 H01L24/85 H01L24/90 H01L25/065S H01L25/10J H01L25/50 H05K3/34C4B T01L21/56F T01L21/60C4F4 T01L21/683T T01L221/683T14 T01L221/683T22 T01L221/683T28 T01L221/683T32 T01L221/683T34 T01L221/683T8 T01L224/02319 T01L224/02331 T01L224/02370 T01L224/02377 T01L224/02379 T01L224/02390 T01L224/03450 T01L224/03462 T01L224/03464 T01L224/03470 T01L224/03600 T01L224/05073 T01L224/05082 T01L224/05100 T01L224/05118 T01L224/05548 T01L224/05600 T01L224/05624 T01L224/05655 T01L224/11001 T01L224/11002 T01L224/11011 T01L224/11320 T01L224/11334 T01L224/11340 T01L224/11460 T01L224/11470 T01L224/11472 T01L224/11474 T01L224/11480 T01L224/11600 T01L224/11849 T01L224/12105 T01L224/13008 T01L224/13010 T01L224/13080 T01L224/13099 T01L224/13100 T01L224/13111 T01L224/13147 T01L224/16 T01L224/16225 T01L224/16227 T01L224/16237 T01L224/18 T01L224/21010 T01L224/21050 T01L224/21500 T01L224/24226 T01L224/27001 T01L224/27011 T01L224/27013 T01L224/29010 T01L224/29020 T01L224/29082 T01L224/29100 T01L224/29190 T01L224/29191 T01L224/29198 T01L224/29290 T01L224/29300 T01L224/30010 T01L224/30100 T01L224/32050 T01L224/32057 T01L224/32145 T01L224/32225 T01L224/45015 T01L224/45111 T01L224/45124 T01L224/45144 T01L224/45147 T01L224/45155 T01L224/45164 T01L224/48 T01L224/48090 T01L224/48091 T01L224/48227 T01L224/48228 T01L224/48240 T01L224/48465 T01L224/48599 T01L224/73204 T01L224/73215 T01L224/73217 T01L224/73253 T01L224/73265 T01L224/76155 T01L224/78 T01L224/78301 T01L224/81136 T01L224/81210 T01L224/81801 T01L224/81815 T01L224/82 T01L224/82039 T01L224/82047 T01L224/83051 T01L224/83102 T01L224/83121 T01L224/83191 T01L224/83192 T01L224/83194 T01L224/83385 T01L224/83800 T01L224/83850 T01L224/83851 T01L224/83855 T01L224/83856 T01L224/83880 T01L224/85 T01L224/85001 T01L224/85207 T01L224/85365 T01L224/86 T01L224/92 T01L224/92125 T01L224/92144 T01L224/92247 T01L225/065S15 T01L225/065S32 T01L225/065S34 T01L225/065S52 T01L225/065S60B T01L225/10J2C1 T01L23/31H2 T01L23/31H2B T01L23/36 T01L23/367W T01L23/42 T01L23/498E T01L24/03 T01L24/04 T01L24/05 T01L24/11 T01L24/13 T01L24/16 T01L24/27 T01L24/29 T01L24/32 T01L24/45 T01L24/48 T01L24/81 T01L24/85 T01L25/065N T01L25/065S T01L25/10J T01L924/01002 T01L924/01004 T01L924/01005 T01L924/01011 T01L924/01012 T01L924/01013 T01L924/01014 T01L924/01015 T01L924/01018 T01L924/01022 T01L924/01027 T01L924/01028 T01L924/01029 T01L924/01030 T01L924/01040 T01L924/01046 T01L924/01050 T01L924/01074 T01L924/01077 T01L924/01078 T01L924/01079 T01L924/01083 T01L924/01202 T01L924/01203 T01L924/01327 T01L924/07800 T01L924/07802 T01L924/14000 T01L924/14330 T01L924/15173 T01L924/15311 T01L924/15320 T01L924/15331 T01L924/18161 T01L924/18162 T01L924/18165 T01L924/19041 T01L924/19042 T01L924/19043 T01L924/19107 T01L924/20752 T01L924/20755 T01L924/30107 T01L924/30110 T01L924/30250 T05K201/09A3 T05K201/09C3K T05K3/40D1

US class: 156/292 156/307.3 156/324.4 251/734 251/735 251/748 251/772 251/787 252/783 257/106 257/127 257/668 257/673 257/674 257/678 257/686 257/690 257/691 257/692 257/692P 257/693 257/696 257/698 257/700 257/734 257/735 257/737 257/738 257/748 257/772 257/773 257/774 257/775 257/776 257/777 257/778 257/779 257/780 257/783 257/784 257/786 257/787 257/788 257/789 257/E21.499 257/E21.502 257/E21.503 257/E21.505 257/E21.506 257/E21.507 257/E21.508 257/E21.509 257/E21.511 257/E21.512 257/E21.515 257/E21.575 257/E23.004 257/E23.004S 257/E23.011 257/E23.02 257/E23.021 257/E23.026 257/E23.039 257/E23.056 257/E23.065 257/E23.066 257/E23.067 257/E23.068 257/E23.068S 257/E23.069 257/E23.069S 257/E23.07 257/E23.11 257/E23.124 257/E23.174 257/E23.178 257/E25.013 257/E25.023 438/105 438/106 438/107 438/108 438/108P 438/109 438/110 438/111 438/112 438/113 438/118 438/119 438/121 438/122 438/124 438/124S 438/125 438/126 438/127 438/464 438/597 438/599 438/610 438/611 438/612 438/613 438/614 438/617 438/618 438/622 438/637 438/641 438/666 438/691 438/693 438/E21.499

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Abstract:
Source: US2006012024A A semiconductor chip assembly includes a semiconductor chip that includes a conductive pad, a conductive trace that includes a routing line, a metal containment wall and a solder terminal, and a connection joint that electrically connects the routing line and the pad. The metal containment wall includes a cavity, and the solder terminal contacts the metal containment wall in the cavity and is spaced from the routing line.

0) US2015077999A – DECORATIVE LIGHTING WITH REINFORCED WIRING

2) Family number: 58716673 (US2015077999A) © PatBase

Title: DECORATIVE LIGHTING WITH REINFORCED WIRING

Priority: US20130877854P 20130913 US20140328221 20140710 US20140485911 20140915 US20150627427 20150220 US20150886344 20151019 US20170588114 20170505

Family:

Publication number	Publication date	Application number	Application date
CA2863481 AA	20150313	CA20142863481	20140915
US2015077999 AA	20150319	US20140485911	20140915
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US9671097 BB	20170606	US20150886344	20151019

Probable Assignee: WILLIS ELECTRIC CO LTD

Assignee(s):(std)**:** WILLIS ELECTRIC CO LTD

Assignee(s): CHEN JOHNNY ; WILLIS ELECTRIC CO

Inventor(s):(std)**:** CHEN JOHNNY

Agent(s): BORDEN LADNER GERVAIS LLP; CHRISTENSEN FONDER PA; CHRISTENSEN FONDER DARDI HERBERT PLLC

International class (IPC 8–9)**:** A47G33/06 F21S4/00 F21S4/10 F21S4/15 F21V21/005 F21V23/00 F21V33/00 H01B7/04 H01B7/18 H01B9/00 (Advanced/Invention); F21W121/00 F21W121/04 F21Y105/00 F21Y105/10 F21Y105/12 (Advanced/Non–invention)

CPC: F21W2121/04 F21V23/001 H01B7/04 F21S4/15 F21W2121/00 F21S4/002 F21Y2105/10 F21Y2105/12 F21S4/001 F21S4/10 H01B7/18

US class: 1/1 174/72R 174/99R 362/249.08 362/249.16

Classification Explorer

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Forward Citations: US9677725, US9671097, US9523486, US9506610, US9209546, US2017256898, US2017103829, US2017102134, US2017023223, US2016247602, US2016178172, US2015362139, US2015338036,

Abstract:
Source: US2015077999A A reinforced wire for decorative lighting, the wire defining a central longitudinal wire axis and including: a longitudinally−extending reinforcing strand, the reinforcing strand comprising one or more fibers comprising a polymer material and defining a reinforcing−strand axis; a plurality of conductor strands wound about the reinforcing strand, each of the plurality of conductor strands defining a conductor strand axis; and an outer insulating layer adjacent to, and covering, one or more of the conductor strands. The reinforcing strand in cross section normal to the wire axis defines an asymmetrical shape.

0) US2003063867A – FIBER OPTIC PLUG

3) Family number: 42182463 (US2003063867A) © PatBase

Title: Fiber optic plug

Priority:

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AU20100214747	20100831	AU20100214738	20100830	EP20010968090	20010823
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Family:

Publication number	Publication date	Application number	Application date
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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

International class (IPC 8–9): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44 G02B6/46 H01B11/22
H01B7/40 (Advanced/Invention);
G02B6/36 G02B6/38 (Advanced/Non–invention);
G02B6/36 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44

CPC: G02B6/4465 G02B6/4494 G02B6/3851 G02B6/4416 G02B6/46 G02B6/447 G02B6/3821 G02B6/3869 G02B6/387 G02B6/3885 G02B6/3894 G02B6/3897 G02B6/4405 G02B6/3893 G02B6/3849 G02B6/3816 G02B6/3873 G02B6/3879 G02B6/3887 G02B6/4429 G02B6/4471 G02B6/3831 G02B6/4433 G02B6/4476 G02B6/3825

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US class: 1/1 385/100 385/100P 385/100S 385/103 385/103S 385/113 385/113P 385/147 385/147P 385/53 385/53P 385/55 385/55P 385/58 385/58S 385/59 385/59P 385/59S 385/60 385/60S 385/62 385/69 385/69S 385/70 385/70S 385/71 385/71S 385/72 385/72S 385/75 385/75S 385/76 385/76S 385/77 385/77S 385/78 385/78P 385/78S 385/80 385/80P 385/81 385/81S 385/82 385/83 385/86 385/86S 385/87 385/92

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Abstract:
Source: US2003063867A A relatively small fiber optic plug is provided to facilitate pulling of the fiber optic plug and an associated fiber optic cable through small passageways. The fiber optic plug may include a shroud that protects the fiber optic connector and that may further define at least one opening, and preferably a pair of openings. The openings are sized to receive portions of an adapter sleeve once the fiber optic plug is mated with a fiber optic receptacle. The fiber optic plug may also include a cap mounted upon and adapted to swivel relative to the remainder of the fiber optic plug to serve as a pulling grip during installation of the fiber optic cable. Further, the fiber optic plug may include a crimp band that is mechanically coupled to both the fiber optic cable and the plug body in order to isolate the fiber optic connector from torque otherwise created by forces to which the fiber optic cable is subjected.

0) US2001043777A – FIBER CONNECTOR AND ADAPTER

4) Family number: 1392117 (US2001043777A) © PatBase

Title: FIBER CONNECTOR AND ADAPTER

Priority:

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Probable Assignee: ADC TELECOMMUNICATIONS

Assignee(s):(std)**:** ADC TELECOMMUNICATIONS ; ADC TELECOMMUNICATIONS INC ; COMMSCOPE TECHNOLOGIES LLC ; LU LIANG JU

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; ADC TELECOMMUNICATION INC ; JPMORGAN CHASE BANK NA ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; COMMSCOPE EMEA LTD

Inventor(s):(std)**:** LIANG JU LU ; LU L J ; LU LIANG JU

Inventor(s): LU ; LJ LU ; LIANG JU ; JU LIANG LU ; L J LU

Agent(s): PHILLIPS ORMONDE FITZPATRICK; ROBIC; SARGENT; LUZZATTO AND LUZZATTO; REINHOLD COHN AND PARTNERS; MERCHANT AND GOULD PC; ATTENTION OF KAREN A FITZSIMMONS MERCHANT AND GOULD PC

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV 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 UZ VN YU ZA ZW

International class (IPC 8–9): G02B6/00 G02B6/245 G02B6/36 G02B6/38 H01R43/00 H04B10/12 (Advanced/Invention); G02B6/00 (Advanced/Non–invention); G02B6/00 G02B6/38 (Core/Invention); G02B (Subclass/Invention)

International class (IPC 1–7): G02B G02B6/00 G02B6/36 G02B6/38 H04B10/12

CPC: G02B6/3807 G02B6/3821 G02B6/3825 G02B6/3874 G02B6/3878 G02B6/3879 G02B6/3893 G02B6/381 G02B6/3887 G02B6/3849 G02B6/245 Y10T29/49117

European class: G02B6/38D G02B6/38D10A6L G02B6/38D2K4 G02B6/38D2N G02B6/38D6H2 S02B6/38D10A S02B6/38D10A6 S02B6/38D14P S02B6/38D2N S02B6/38D6H2

US class: 1 1/1 100/0 29/825 29/825P 385/139 385/53 385/53S 385/54 385/54S 385/55 385/55P 385/55S 385/56 385/56S 385/58 385/58P 385/58S 385/59 385/59P 385/59S 385/60 385/60P 385/60S 385/64 385/65 385/65S 385/70 385/70S 385/71 385/71S 385/72 385/72S 385/75 385/75S 385/76 385/77 385/78 385/82 385/83 7

Classification Explorer

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Abstract:
Source: US2001043777A Fiberoptic connector and adapter assembly includes a fiberoptic connector received within an adapter. The connector has a cover on the connector housing. The cover pivots between open and closed positions to expose or cover, respectively, a optical fiber contained within the connector. Longitudinal guides of the connector are received cooperating with longitudinal guides of the adapter to direct the connector into the adapter in a prescribed alignment. A cam pin is carried on the adapter to engage a cam pin receiving slot on the cover to urge the cover to the open position as the connector is inserted into the adapter.

0) US2012324911A – DUAL–LOOP COOLING SYSTEM

5) Family number: 52599519 (US2012324911A) © PatBase

Title: DUAL–LOOP COOLING SYSTEM

Priority:

US20110169355 20110627 US20110169377 20110627 US20140069301P 20141027
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: WISCONSIN ALUMNI RESEARCH FOUNDATION

Assignee(s):(std)**:** EBULLIENT LLC ; SHEDD TIMOTHY A ; WISCONSIN ALUMNI RES FOUND

Assignee(s): WISCONSIN ALUMNI RESEARCH FOUNDATION ; EBULLIENT INC

Inventor(s):(std)**:** BUCHANAN ROBERT A ; LINDEMAN BRETT A ; LINDERAN BRETT A ; LIU BRIAN B ; MEIVES MARK S ; RIPLEY KEVIN M ; RODARTE MARK A ; SHEDD TIMOTHY A ; TAYLOR TONY P

Agent(s): BOYARSKI NICHOLAS JAMES MR; HAVERKAMP JENS; BOYARSKI NICHOLAS J

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

International class(IPC 8–9)**:** F25B41/04 F25D17/02 F25D25/00 F25D31/00 F28C3/08 F28D1/02 F28D1/04 F28D1/053 F28D15/00 F28D15/02 F28D9/00 F28F1/36 F28F1/38 F28F13/00 F28F13/18 F28F25/10 F28F27/00 F28F7/02 F28F9/02 F28F99/00 G05D23/00 G06F1/20 H01L23/367 H01L23/46 H01L23/467 H01L23/473 H05K1/02 H05K7/14 H05K7/20 (Advanced/Invention)

CPC: H05K7/20254 H01L23/4735 H01L23/427 F28C3/08 G06F2200/201 F28D1/0233 F28F13/185 H01L23/3672 H05K1/0204 H05K7/1485 H05K7/1427 H05K7/20309 F28D15/02 F28F2250/08 F28D15/06 H01L23/473 H01L23/4006 H01L23/4012 H05K7/20363 H05K7/20836 F28F9/0258 F28D9/0093 F28D2021/0028 F28F3/048 F28F13/12 F28F2009/029 H05K7/20272 H05K7/2039 H05K7/20381 H05K7/208 H05K7/20818 H05K7/20772 F28D2021/0029 F28F13/06 H05K7/20809 H05K7/20827 H01L23/46 H01L2924/0002 H05K7/20327 F25B25/00 F25B41/00 F25B41/04 F25B2400/0401 F25B2400/0403 F25B2400/0409 F28D15/0266 F25B23/006 F25B41/003 F28D15/00 F28F3/12 F28F9/26 F28F13/02 F28F1/36 F28F7/00 F28F7/02 F28F9/0221 F28F9/0263 F28F21/06 F28F2265/26 G06F1/20 G06F1/206 Y02B60/1275

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Forward Citations: WO16069380, WO16069299, WO16069295, USD800675, USD800674, USD795821, USD786806, USD774473, USD774472, USD773409, USD773408, USD772823, USD772822, USD772179, USD772178, US9795062, US9743562, US9743561, US9715183, US9625182, US9622376, US9546821, US9451726, US9420728, US9357670, US9303909, US2017303443, US2017223871, US2017220084, US2017174037, US2017086325, US2017080821, US2017064873, US2017009604, US2016377358, US2016358842, US2016330873, US2016330865, US2016295748, US2016295747, US2016270267, US2016231059, US2016159454, US2016120059, US2016091262, US2015382507, US2015330685, US2015330684, US2015296659, US2015237763, US2015233619, US2015020775, US2014362530, US2014347641, US2014047855, US2012012282, JP6194966, JP2016145828, CN105115352,

Abstract:
Source: US2012324911A Disclosed are methods and apparatuses for cooling a work piece surface using a dual−loop cooling system. The system includes a vapor−compression loop and a liquid−evaporation loop. The loops are configured to prepare a coolant at or approximately at saturation for delivery into a chamber for cooling the surface. A preferred liquid−evaporation loop includes a chamber, a phase separator, a liquid pressurizer, and a vapor mixer that heats the coolant to or near its saturation temperature. A preferred vapor−compression loop includes the phase separator, a compressor, a condenser, an expansion valve, and a return line. The vapor mixer preferably heats the coolant by mixing liquid coolant with vapor coolant derived from the vapor−compression loop. A two−phase flow detector may be disposed downstream of the vapor mixer and be in communication with a vapor valve disposed upstream of the vapor mixer to ensure that an appropriate amount of vapor is fed into the vapor mixer to induce evaporation. Methods include cooling a surface by cycling a coolant through the liquid−evaporation loop and preparing the coolant at saturation with vapor derived from the vapor−compression loop.

6) Family number: 51114357 (US2012125513A) © PatBase

Title: CYLINDRICAL SURFACE SPIN WELD APPARATUS AND METHOD OF USE

Priority:

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Family:

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Assignee(s): VAN SWEARINGEN KENDRICK WOODRIDGE ; REDWOOD SYSTEMS INC ; WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL AGENT AS ; SKY SOCKET LLC ; COMMSCOPE INC OF NORTH CAROLINA ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; ALLEN TELECOM LLC ; COMMSCOPE TECHNOLOGIES LLC HICKORY

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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 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

International class (IPC 8–9): B23K20/10 B23K20/12 B23K26/00 B23K26/28 B23K26/282 B23K26/32 B23K31/02 B23P19/00 B29C65/00 B29C65/02 B29C65/06 B29C65/78 B29C65/80 B29L31/34 H01B11/00 H01B11/18 H01B12/00 H01B13/00 H01B13/016 H01B13/20 H01B7/02 H01B7/04 H01B7/08 H01B7/42 H01F10/00 H01G2/10 H01P3/06 H01P3/08 H01P5/02 H01Q1/00 H01R103/00 H01R11/22 H01R12/79 H01R13/11 H01R13/15 H01R13/213 H01R13/504 H01R13/52 H01R13/58 H01R13/622 H01R13/625 H01R13/629 H01R13/639 H01R13/64 H01R13/646 H01R13/6592 H01R24/00 H01R24/28 H01R24/38 H01R24/40 H01R24/44 H01R24/76 H01R4/02 H01R4/62 H01R43/00 H01R43/02 H01R43/04 H01R43/16 H01R43/20 H01R43/26 H01R9/05 H02G15/02 H02G15/08 H04B5/00 (Advanced/Invention); B23K101/06 B23K101/38 B23K103/08 B23K103/10 B23K103/18 B23K20/12 B23K26/28 B23K26/32 B29C65/00 B29C65/06 B29C65/08 B29C65/48 B29C65/56 B29C65/64 B29C65/78 B29L31/34 H01B7/40 H01G4/12 H01P3/06 H01P5/02 H01R101/00 H01R103/00 H01R13/17 H01R13/18 H01R13/504 H01R13/58 H01R13/622 H01R13/625 H01R13/631 H01R24/38 H01R24/40 H01R4/62 H01R43/20 H01R9/05 (Advanced/Non–invention)

CPC: H01R9/0503 H01R13/641 H01R13/514 H01R13/748 H01R24/52 H01R13/6335 H01R4/26 H01R13/6592 H01R2101/00 Y10S439/95 H01R4/625 H01R13/622 H01R43/0221 H01R13/6392 H01R13/64 H01G2/10 H01R12/79 Y10T29/49194 Y10T29/49117 Y10T29/53 Y10T29/5313 Y10T29/532 Y10T29/53209 Y10T29/53213 Y10T29/53235 Y10T29/49181 Y10T29/49 Y10T29/49929 H01F10/00 H01Q1/00 H01R9/0521 H01R13/6315 Y02E40/64 B23K20/129 B23K26/282 B23K26/32 B23K2201/06 B23K2203/10 B29C65/082 B29C65/48 B29C65/4855 B29C65/645 B29C66/742 H01B7/40 H01R13/15 H01R13/17 H01R13/18 H01R24/44 H04B5/0012 H01R13/629 H01R13/6395 H01R13/625 H01R24/38 H01R43/02 B29C65/0672 B29C65/069 B29C65/7841 B29C66/32 H01R2103/00 H01P3/06 H01P5/026 H01P11/00 H01R24/28 B23K2203/08 B23K2203/18 B23K20/10 B23K2201/38 B29C65/06 B29C65/565 B29C66/30223 B29C66/526

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European class: B23K20/10 B23K20/12M B23K26/28B B23K26/32D2D H01R12/79 H01R13/625 H01R13/639B H01R13/64 H01R24/38 H01R24/40 H01R4/02W H01R4/26 H01R43/02 H01R43/02B H01R43/02F H01R43/20 H01R9/05 L23K201/06 L23K201/38 L23K203/10 L29C65/06B L29C65/48 L29C65/64B L29C66/5344 L29C66/742 T01R103/00 T01R13/625 T01R24/40

US class: 1/1 156/433 156/433S 156/47 156/47P 174/115 174/70R 174/74R 174/75C 174/75R 174/82 174/82P 174/84C 174/84R 174/85 219/121.6 219/121.64 219/121.640S 228/111 228/111S 228/114 228/114.5 228/114.500S 228/114S 228/2.1 29/517 29/592 29/592.1 29/700 29/729 29/745 29/747 29/748 29/753 29/825 29/828 29/857 29/857S 29/860 29/860S 29/861 29/863 29/868 29/868S 29/874 29/874S 29/876 333/238 333/238 333/238 427/58 439/217 439/247 439/248 439/274 439/314 439/314P 439/315 439/317 439/320 439/372 439/378 439/429 439/449 439/449P 439/578 439/578P 439/578S 439/579 439/581 439/583 439/584 439/607.01 439/607.02 439/624 439/660 439/681 439/717 439/874 439/950

Classification Explorer

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Forward Citations: WO17152837, WO17078975, WO17050316, WO17016498, WO16167840, WO16146828, WO16116326, WO16093928, WO16091251, WO16054392, WO16040578, WO15184422, WO15134740, WO15069589, WO15026528, WO14204834, WO14144447, WO14100681, WO14074798, WO14074223, WO14074222, WO14059365, WO14055701, WO14055215, WO13171049, WO13071206, WO13071204, USD794704, USD794114, USD793470, USD788839, USD771569, US9802373, US9780431, US9761959, US9755379, US9755328, US9735531, US9735521, US9735519, US9735480, US9712905, US9692174, US9666983, US9666958, US9653852, US9634475, US9633765, US9633761, US9627782, US9608343, US9589710, US9583847, US9570851, US9570849, US9559552, US9559471, US9543716, US9543629, US9509364,

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Abstract:
Source: US2012125513A A spin weld apparatus for spin welding a prepared end of a coaxial cable with a coaxial connector includes a cable clamp dimensioned to grip the coaxial cable and a drive collet dimensioned to enclose and rotationally interlock with a lateral surface of the coaxial connector. The drive collet is dimensioned to rotationally interlock with an interlocking portion of a spin welder. The spin welder is dimensioned to axially align the coaxial connector with the coaxial cable for spin welding when the drive collet is rotationally interlocked with the spin welder.

7) Family number: 30669270 (US2004120662A) © PatBase

Title: OPTICAL TUBE ASSEMBLY HAVING A DRY INSERT AND METHODS OF MAKING THE SAME

Priority:

AU20060275551	20060727	AU20120203406	20120608	EP20030786647	20031112
US20040847804	20040518	US20020326022	20021219	US20030661204	20030912
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WO2004US22237	20040709	WO2004US22270	20040709	US20140243158	20140402
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Family:

Publication number	Publication date	Application number	Application date
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AU2003295460 AH	20040729	AU20030295460	20031112
AU2006101107 AD	20120719	AU20060101107	20060727
AU2006275551 AA	20070208	AU20060275551	20060727
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AU2007334346 AA	20080626	AU20070334346	20071219
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CA2569748 AA	20061207	CA20042569748	20040709
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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 YU ZA ZM ZW

International class (IPC 8–9): G02B6/02 G02B6/028 G02B6/036 G02B6/14 G02B6/255 G02B6/38 G02B6/44 H01B11/22 H04L12/28 H04L12/56 H04N7/12 H04W4/00 (Advanced/Invention);
G02B6/028 G02B6/44 (Advanced/Non–invention);
G02B6/02 G02B6/44 H04L12/28 H04L12/56 H04N7/12 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/44 H01B7/00 H04N7/12

CPC: G02B6/4429 G02B6/4411 G02B6/448 G02B6/4484 G02B6/4479 G02B6/4475 G02B6/4495 G02B6/14 G02B6/441 H04N21/4305 H04N21/8547 H04W28/14 G02B6/4434 G02B6/02357 G02B6/0365 G02B6/4404 G02B6/4433 G02B6/4483 G02B6/4494 G02B6/4401 G02B6/3887 G02B6/3885 G02B6/3851 G02B6/4473 G02B6/2551 G02B6/0281 G02B6/4403 G02B6/443

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US class: 1/1 370/329 375/240.26 375/240.260S 375/240.28 375/240.280P 385/100 385/100P 385/100S 385/102 385/102S 385/103 385/103P 385/104 385/105 385/105S 385/106 385/106P 385/107 385/107P 385/108 385/111 385/111P 385/113 385/113P 385/113S 385/114 385/114P 385/114S 385/78 385/96

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Abstract:
Source: US2004120662A An optical tube assembly and methods of manufacturing the same include a tube, at least one optical waveguide, and a dry insert. In one embodiment, the dry insert generally surrounds the at least one optical waveguide and forms a core that is disposed within the tube. In one embodiment, the dry insert is compressed at least about 10 percent for coupling the at least optical waveguide to the interior surface of the tube.

8) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Priority:

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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 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 YU

ZA ZM ZW

International class (IPC 8–9): A41D20/00 A42B3/04 A42C5/02 A61B A61B10/00 A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/021 A61B5/024 A61B5/04 A61B5/0476 A61B5/05 A61B5/053 A61B5/103 A61B5/11 A61B5/117 A61B5/145 A61B5/1455 A61B5/1486 A61B6/00 A61B8/08 A61F7/00 A61F7/12 A61K31/01 A61K31/785 A61K33/44 A61L27/54 A61L29/10 A61L31/08 A61L33/02 A61M21/02 A61P7/02 A61P9/04 B60H1/00 B60K28/06 B60T7/14 B60W10/00 B60W40/08 B60W50/00 B62D6/00 F24F11/02 G01B11/24 G01J1/02 G01J5/00 G01J5/10 G01K G01K1/00 G01K1/02 G01K1/16 G01K13/00 G01K13/02 G01K7/00 G01N21/35 G02B27/00 G02C11/00 G08B5/36 H04N5/225 H04N5/33 H04N7/18 (Advanced/Invention);
A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/04 A61B5/145 A61B5/1491 A61B8/08 G01K7/22 (Advanced/Non–invention);
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A61B G01K G01N (Subclass/Invention)

International class (IPC 1–7): A61B5/00 A61B5/01 A61B5/04 G01B11/24 G01K1/02 G01N0/00 G02B27/00 G02C11/00

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US class: 1/1 250/338.1 250/339.11 250/339.15 250/341.1 250/341.8 340/539.12 348/77 351/158 374/121 374/141 374/163 374/170 374/185 374/208 374/45 374/E13.002 374/E13.002S 600/300 600/301 600/301P 600/309 600/310 600/315 600/315P 600/316 600/323 600/340 600/344 600/373 600/373P 600/474 600/476 600/479 600/549 600/549P 600/587 600/595 607/96 701/1 701/36 701/41 701/70 702/135

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2013075149A – CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

9) Family number: 50019001 (US2013075149A) © PatBase

Title: CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

Priority:

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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 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

International class (IPC 8–9): G02B6/36 G06F13/38 H01R107/00 H01R12/77 H01R13/05 H01R13/405 H01R13/504 H01R13/516 H01R13/58 H01R13/62 H01R13/627 H01R13/631 H01R13/64 H01R13/642 H01R13/6471 H01R13/648 H01R13/652 H01R13/658 H01R13/66 H01R24/00 H01R24/58 H01R24/60 H01R24/62 H01R24/86 H01R27/00 H01R27/02 H01R29/00 H01R35/00 H01R4/01 H01R4/58 H01R43/00 H01R43/20 H01R43/24 H01R9/05 H05K9/00 (Advanced/Invention);
G02B6/36 H01R107/00 H01R12/77 H01R13/504 H01R13/56 H01R13/627 H01R13/631 H01R13/642 H01R24/60 H01R4/01 (Advanced/Non–invention);
H01R13/516 (Core/Invention)

International class (IPC 1–7): H01R12/77 H01R13/504 H01R13/516 H01R13/627 H01R13/631 H01R13/642 H01R13/648 H01R29/00 H01R4/01

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US class: 1/1 174/359 29/858 385/77 439/218 439/345 439/474 439/620.01 439/660 439/668 439/676 439/692 709/220 709/221 709/222 710/305 710/313 710/62 710/63 710/71

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Abstract:
Source: US2013075149A A dual orientation connector having a connector tab with first and second major opposing sides and a plurality of electrical contacts carried by the connector tab. The plurality of contacts includes a first set of external contacts formed at the first major side and a second set of external contacts formed at the second major side. The first plurality of contacts are symmetrically spaced with the second plurality of contacts and the connector tab is shaped to have 180 degree symmetry so that it can be inserted and operatively coupled to a corresponding receptacle connector in either of two insertion orientations.

0) US2015024612A – FLIPPABLE ELECTRICAL CONNECTOR

10) Family number: 57693916 (US2015024612A) © PatBase

Title: FLIPPABLE ELECTRICAL CONNECTOR

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US9768533 BB	20170919	US20150719282	20150521	

Probable Assignee: FOXCONN INTERCONNECT TECHNOLOGY LTD

Assignee(s):(std)**:** FOXCONN INTERCONNECT TECHNOLOGY LTD ; FOXCONN KUNSHAN COMP CONNECTOR ; FOXCONN KUNSHAN COMP INTERFACE ; FOXCONN KUNSHAN COMPUTER CONNECTOR CO LTD ; HON HAI PREC IND CO LTD ; FOXCONN INTERCONNECT TECH LIMTED ; FOXCONN KUNSHAN COMPUTER INTERFACES CO LTD ; ILLINOIS TOOL WORKS

Assignee(s): HON HAI PRECISION IND CO LTD ; ILLINOIS TOOL WORKS INC ; FOXCONN INTERCONNECT TECHNOLOGY LIMTED ; HON HAI PRECISION IND CO ; FOXCONN KUNSHAN COMPUTER INTERFACES CO ; FOXCONN KUNSHAN COMPUTER CONNECTOR CO ; FOXCONN KUNSHAN COMPUTER CONNECTOR ASSEMBLY CO

Inventor(s):(std)**:** GAO QIANPING ; HE WEN ; HSIAO HSUEH LUNG ; HSU SHUO HSIU ; HSU SHUO SIU ; HU BING BO ; HU BINGBO ; HUANG ZIYAO ; HWANG TZU YAO ; KAO CHIEN PING ; KUAN CHI TUNG ; LITTLE TERRANCE F ; MICK MULCUCK ; MULCUCK MICK ; SEDIO STEPHEN ; SETIO STEPHEN ; SI MINGLUN ; STEEN HENDRIKUS P G VAN D ; CHANG CHUN YI ; CHEN CHAO CHIEH ; CHEN KE HAO ; CHEN KEHAO ; CHEN MING CHING ; CHEN ZHAOJIE ; CHENG CHIH PI ; CHENG CHIHPI ; CHOU CHIH HSIEN ; CHOU JASON ; SU WEI HAO ; SU WEIHAO ; SZU MING LUN ; TERENCE F LETE ; TERENCE F LETO ; TERENCE F LITO ; TERENCE F LITTLE ; TSAO PEI ; TTLE TERRANCE F ; WANG QUAN ; XIAO XUELONG ; XU SHUOXIU ; YANG AN JEN ; YANG ANREN ; YANG CHIH KAI ; YANG CHUN CHIEH ; YANG JUNJIE ; YANG ZHIKAI ; YE CHANGQI ; OLSEN ROBERT C ; MARCO LESLIE S ; YEH CHENG CHI ; YI QI JIN ; YI QIJIN ; YU CHUN MING ; YU CHUNMING ; ZENG FENG ; ZHANG JUNYI ; ZHANG YUAN ; ZHAO JIM ; ZHAO XIN ; ZHENG ZHIPEI ; ZHENG ZHIPI ; ZHOU HAO ; ZHOU ZHIXIAN ; ZOU DE CHENG ; ZOU DECHENG ; TERRANCE F LITTLE ; TERRENCE F LITUO ; TRENCE F LITTLE ; STEPHEN SEDIO

Inventor(s): STEPHENSEDIO ; TRENCE FLITTLE ; TERENCE FLITTLE ; TERENCEFLITO ; G ; STEEN HENDRIKUS PG VAN D

Agent(s): JOHNSON LUCY ELIZABETH; WEI TE; MING CHIEH; MING CHIEH CHANG

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): B65D71/50 G06F1/16 H01R11/20 H01R12/00 H01R12/51 H01R12/53 H01R12/58 H01R12/70 H01R12/71 H01R12/72 H01R12/75 H01R13/02 H01R13/04 H01R13/05 H01R13/10 H01R13/20 H01R13/213 H01R13/24 H01R13/26 H01R13/40 H01R13/405 H01R13/42 H01R13/46 H01R13/50 H01R13/502 H01R13/504 H01R13/506 H01R13/514 H01R13/516 H01R13/52 H01R13/62 H01R13/621 H01R13/627 H01R13/629 H01R13/631 H01R13/639 H01R13/64 H01R13/642 H01R13/6471 H01R13/6473 H01R13/648 H01R13/652 H01R13/655 H01R13/658 H01R13/6581 H01R13/6582 H01R13/6583 H01R13/6585 H01R13/6586 H01R13/6587 H01R13/6591 H01R13/6592 H01R13/6593 H01R13/6594 H01R13/6596 H01R13/6597 H01R13/66 H01R13/703 H01R13/73 H01R13/74 H01R24/00 H01R24/20 H01R24/28 H01R24/30 H01R24/38 H01R24/60 H01R24/62 H01R24/64 H01R25/00 H01R27/00 H01R29/00 H01R33/76 H01R33/94 H01R4/02 H01R4/66 H01R43/16 H01R43/20 H01R43/24 H01R9/03 H05K1/11 (Advanced/Invention); H01R107/00 H01R12/70 H01R12/72 H01R12/75 H01R13/642 H01R13/6474 H01R13/6582 H01R13/6594 H01R24/28 H01R24/60 H05K1/11 H05K1/18 (Advanced/Non–invention)

CPC: H01R13/6471 H01R13/631 H01R12/53 H01R13/405 H01R13/6273 H01R13/748 Y10T29/4922 H01R23/02 H01R25/006 H01R13/6591 H01R13/502 H01R12/716 H01R12/75 H01R13/506 H01R13/6594 H01R13/40 H01R12/7023 H01R4/66 H01R13/26 H01R13/652 H01R13/6205 H01R13/2435 H01R24/38 H01R13/04 H01R13/10 H01R13/5045 H01R13/6593 H01R13/6616 H01R24/62 H01R13/639 H01R13/516 H01R13/648 H01R43/20 H01R13/24 H01R13/46 H01R24/00 B65D71/504 H01R13/6275 H01R13/6474 H01R24/28 H01R43/24 H01R13/6597 H01R12/58 H01R13/642 H01R24/30 H01R13/6215 H01R13/6581 H01R4/023 H01R13/6582 H01R9/038 H01R12/724 H01R24/60 H01R2107/00 H05K1/117 H05K1/184 H05K2201/09063 H05K2201/10189 H01R12/51 H01R13/6485 H01R13/73 H01R13/6587 H01R13/6583 H01R13/514 H01R12/727 H01R12/7005 H01R13/64 H01R13/6658 H01R12/721 H01R13/6585 H01R24/64 H01R12/71 H01R12/7082

US class: 1/1 29/876 29/883 439/217 439/218 439/345 439/357 439/362 439/38 439/55 439/607.01 439/607.05 439/607.17 439/607.19 439/607.27 439/607.34 439/607.35 439/607.37 439/607.55 439/660 439/676 439/78

Classification Explorer

Cited documents: WO13020359 A1, WO09147791 A1, US9608391 BB, US9583900 BB, US9525227 BB, US9525223 BB, US9520677 BB, US9502821 BB, US9496653 BB, US9490594 BB, US9490584 BB, US9472911 BB, US9472910 BB, US9385484 BB, US9379499 BB, US9373901 BB, US9356400 BB, US9350126 BB, US9318856 BB, US9318853 BB, US9312641 BB, US9300095 BB, US9281642 BA, US9281626 BB, US9225130 BB, US9178319 BB, US9136649 BB, US9049383, US9022800 BB, US9011176 BB, US9004945 BB, US8968033 BB, US8968031 BB, US8961237 BB, US8961236 BB, US8961235 BB, US8911260 BB, US8882524 BB, US8870596 BB, US8851927 BB, US8834203 BB, US8827742 BB, US8808029 BB, US8794992 BB, US8708734 BB, US8696383 BB, US8684769 BB, US8672228 BA, US8634901 BB, US8568160 BB, US8562378 BB, US8517773 BB, US8514042 BB, US8439576 BB, US8419474 BB, US8419473 BA, US8348688 BB, US8314669 BB, US8308515 BB, US8298014 BB, US8282417 BB, US8262414 BA, US8262411 BB, US8262408 BA, US8251746 BB, US8157599 BB, US8142224 BB, US8109795 BB, US8087977 BB, US8087944 BB, US8052467 BA, US8038480 BB, US8022664 BB, US7922535 BA, US7914299 BB, US7909648 BB, US7909647 BB, US7845982 BA, US7824220 BB, US7824219 BB, US7794279 BA, US7758379 BB, US7670191 BB, US7670178 BB, US7670156, US7651371 BB, US7591680 BB, US7578705 BB, US7549896 BB, US7534150 BB, US7534140 BB, US7524213 BB, US7445469 BB, US7419378 BB, US7364464 BB, US7357675 BB, US7329128 BA, US7267579 BA, US7252519 BB, US7223108 BB, US7175465 BA, US7134899 BA, US7114981 BA, US7097461 BB, US7094089 BB, US6916198 BB, US6893270 BB, US6890220 BB, US6884094 BA, US6811434 BB, US6755689 BB, US6666696 BA, US6489563 BA, US6416358 BA, US6358089 BA, US6217378 BA, US6139363 A, US6123575 A, US6074225 A, US5370543 A, US5073130 A, US5022871 A, US4936795 A, US4842555 A, US3587029 A, US2016164218 AA, US2016118752 AA, US2016064868 AA, US2016036167 AA, US2015380851 AA, US2015372424 AA, US2015340825 AA, US2015340815 AA, US2015340813 AA, US2015295362 AA, US2015270646 AA, US2015255905 AA, US2015244111 AA, US2015244098 AA, US2015229077 AA, US2015214674 AA, US2015214673 AA, US2015207280 AA, US2015194772 AA, US2015194768 AA, US2015171574 AA, US2015171573 AA, US2015171562 AA, US2015171561 AA, US2015162684 AA, US2015155661 AA, US2015155657 AA, US2015126069 AA, US2015093936 AA, US2015072562 AA, US2015056839 AA, US2015044886 AA, US2015024612 AA, US2014370759 AA, US2014370751 AA, US2014357124 AA, US2014349514 AA, US2014335729 AA, US2014315439 AA, US2014302709 AA, US2014287601 AA, US2014206233 AA, US2014187105 AA, US2014187086 AA, US2014113481 AA, US2014099832 AA, US2014073184 AA, US2014065869 AA, US2014024257 AA, US2013323970 AA, US2013316581, US2013252468 AA, US2013244436 AA, US2013183844 AA, US2013095702 AA, US2013095701 AA, US2013089291 AA, US2013065442 AA, US2013029515 AA, US2012064769 AA, US2011294357 AA, US2011256766 AA, US2011256764 AA, US2011256761 AA, US2011092084 AA, US2011013872 AA, US2010311258 AA,

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Forward Citations: WO17044640, WO17022355, WO16145970, USD789371, USD789302, USD788041, USD783539, USD781294, USD772166, USD768084, USD767496, USD744428, US9812827, US9812818, US9812816, US9806464, US9806448, US9806446, US9800001, US9799994, US9793662, US9793657, US9787038, US9787027, US9787008, US9780500, US9780492, US9780490, US9780468, US9774156, US9774130, US9768568, US9768561, US9768533, US9762009, US9761988, US9761973, US9755380, US9755353, US9748701, US9742125, US9742123, US9742121, US9742098, US9742095, US9735522, US9728885, US9722374, US9722365, US9722360, US9722342, US9711910, US9711887, US9705274, US9705269, US9705268, US9705267, US9698541, US9698540, US9698536, US9698527, US9685751, US9685739, US9685737, US9680260, US9680254, US9673577, US9673569, US9673552, US9667001, US9666996, US9666987, US9660400, US9653851, US9647387, US9647369, US9647360, US9627815, US9608391, US9601876, US9590347, US9583887, US9577373, US9577360, US9564716, US9553409, US9537261, US9531144, US9531134, US9525244, US9525241, US9525236, US9525227, US9520673, US9509084, US9502821, US9496654, US9490594, US9490549, US9484689, US9484679, US9484662, US9478925, US9478923, US9478916, US9450337, US9444204, US9444189, US9437957, US9431772, US9425560, US9413123, US9391408, US9385459, US9379499, US9350126, US9337585, US9318853, US9306344, US9281629, US9281582, US9231344, US2017302033, US2017237202, US2017222342, US2017207582, US2017194750, US2017194745, US2017179658, US2017179651, US2017170613, US2017155215, US2017155213, US2017149164, US2017149161, US2017149153, US2017141514, US2017133795, US2017110818, US2017110817, US2017110812, US2017104296, US2017093079, US2017093062, US2017085040, US2017085039, US2017085037, US2017085021, US2017085017, US2017077652, US2017047689, US2017040747, US2017040721, US2017033520, US2017033518, US2017033507, US2017033504, US2017033498, US2017025772, US2017018883, US2016372876, US2016372871, US2016365853, US2016352055, US2016352052, US2016352047, US2016329645, US2016308318, US2016294135, US2016294134, US2016294130, US2016294122, US2016294121, US2016294108, US2016294105, US2016294102, US2016285209, US2016268744, US2016268741, US2016261056, US2016240981, US2016233630, US2016233606, US2016233594, US2016197443, US2016172804, US2016172791, US2016172790, US2016156144, US2016149349, US2016149338, US2016141804, US2016134058, US2016134055, US2016118752, US2016064879, US2016064864, US2016056593, US2016043512, US2016043511, US2015380869, US2015318647, US2015270659, US2015255911, US2015255905, US2015244111, US2015214673, US2015200504, US2015194770, US2015171574, US2015171561, US2015118887, US2015111433, US2015093936, US2015044886, US2015024612, KR101773502, EP3174162, EP3128625, EP3089282, DE102017000052, CN105655808, CN105633729, CN105591232, CN105449438, CN105390883, CN105356107, CN105337108, CN105322334, CN105281081, CN105244654, CN105098455, CN105098455, CN105048151, CN105048151, CN105024206, CN104993286, CN104966932, CN104966932, CN104810691,

Abstract:
Source: US2015024612A A plug connector includes a connector tab connected to and extending longitudinally away from a rear body, the tab includes opposite first and second major surfaces. A first plurality of contacts is carried by the tab on the first major surface and a second plurality of contacts is carried by the tab on the second major surface. The contacts include differential signal pairs. Each pair of the differential signal pairs is consisting of two individual contacts and said two contacts are located adjacent to each other but at the first and second main surface respectively.

11) Family number: 43362091 (US2009148101A) © PatBase

Title: HARDENED FIBER OPTIC CONNECTION SYSTEM WITH MULTIPLE CONFIGURATIONS

Priority:

AU20080335251	20081209	AU20140202329	20140430	US20070007222P	20071211
US20070007222	20071211	US20080029524	20080218	CN200880126396	20081209
US20080029524P	20080218	US20080203535	20080903	US20080203508	20080903
US20080203522	20080903	US20080203530	20080903	US20100825082	20100628
US20100825111	20100628	US20100843692	20100726	WO2008US86085	20081209
US20130859372	20130409	US20160286778	20161006		

Family:

Publication number	Publication date	Application number	Application date
AR069641 AA	20100210	AR2008P105369	20081211
AU2008335251 AA	20090618	AU20080335251	20081209
AU2008335251 BB	20140130	AU20080335251	20081209
AU2014202329 AA	20140522	AU20140202329	20140430
AU2014202329 BB	20151029	AU20140202329	20140430
CL2008003669 A1	20100115	CL20080003669	20081210
CN101939680 A	20110105	CN200880126396	20081209
CN101939680 B	20130717	CN200880126396	20081209
CN103278890 A	20130904	CN201310239544	20081209
CN103278890 B	20160427	CN201310239544	20081209
EP2220527 A2	20100825	EP20080858758	20081209
IN02451KN2010 A	20111125	IN2010KN02451	20100706
US2009148101 AA	20090611	US20080203530	20080903
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US2009148104 AA	20090611	US20080203522	20080903
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US2010266244 AA	20101021	US20100825111	20100628
US2010290741 AA	20101118	US20100843692	20100726
US2014133804 AA	20140515	US20130859372	20130409
US2017123163 AA	20170504	US20160286778	20161006
US7744286 BB	20100629	US20080203530	20080903
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US7762726 BB	20100727	US20080203522	20080903
US7942590 BB	20110517	US20080203535	20080903
US7959361 BB	20110614	US20100843692	20100726
US8202008 BB	20120619	US20100825082	20100628
US8414196 BB	20130409	US20100825111	20100628
US9482829 BB	20161101	US20130859372	20130409
WO09076364 A2	20090618	WO2008US86085	20081209
WO09076364 A3	20090813	WO2008US86085	20081209

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std): ADC TELECOMMUNICATIONS INC ; COMMSCOPE TECH LLC ; COMMSCOPE TECHNOLOGIES LLC ; LU YU ; REAGAN RANDY ; STANDISH CRAIG M

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMSCOPE EMEA LTD

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; JOHANSSON; PATENTANWAELTE BRESSEL UND PARTNER; MERCHANT AND GOULD PC; MERCHANT AND GOULD P C; BRUESS STEVEN C

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

International class (IPC 8–9): G02B3/68 G02B6/36 G02B6/38 (Advanced/Invention); G02B6/44 (Advanced/Non–invention); G02B6/36 G02B6/38 (Core/Invention)

International class (IPC 1–7): G02B6/38

CPC: G02B6/3826 G02B6/3816 G02B6/3849 G02B6/3887 G02B6/3893 G02B6/4433 G02B6/3825 G02B6/3821 G02B6/3877 G02B6/3894

European class: G02B6/38D12 G02B6/38D14P G02B6/38D2H G02B6/38D2N G02B6/38D6H2 S02B6/38D10A4 S02B6/38D2K4

US class: 385/53 385/53P 385/55 385/56 385/60 385/60P 385/60S 385/62 385/62P 385/72 385/73 385/77 385/78 385/92

Classification Explorer

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Abstract:
Source: US2009148101A A fiber optic connection system includes a ruggedized fiber optic adapter and a ruggedized fiber optic connector and can further include a standard fiber optic connector (e.g., an SC connector), a pre−existing ruggedized fiber optic adapter, a first converter for converting the standard fiber optic connector to be compatible with the ruggedized fiber optic adapter, a second converter for converting the ruggedized fiber optic connector to be compatible with the pre−existing ruggedized fiber optic adapter, and a standard fiber optic adapter (e.g., an SC adapter). The ruggedized fiber optic connector is compatible with the ruggedized fiber optic adapter and with the standard fiber optic adapter. To retain the various connectors within the various adapters, various retention members and features (e.g. threaded retention members and latches) can be included in the fiber optic connection system. The first converter includes a converter housing that is sized to fit over a connector body of the standard fiber optic connector and retention shoulders of the connector body engage the converter housing.

12) Family number: 50963741 (US2014005683A) © PatBase

Title: HIGHLY ARTICULATED ROBOTIC PROBES AND METHODS OF PRODUCTION AND USE OF SUCH PROBES

Priority:

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AU20120240201 20120405 AU20120262011 20120601 AU20120308731 20120912
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CORP ; WITHERSPOON LELAND ; TULLY STEPHEN ; TRIGGS EMILY ; O KEEFE JONATHAN ; WALKER JR RICHARD ; WARNOCK DAVID ; PUNGOR ANDRAS ; ZUBIATE BRETT ; WRIGHT III CORNELL

Assignee(s): ANDERSON BOB ; KENNEDY KEVIN ; NUNES NANCY A ; MORDENTE ZACKERY ; MEDROBOTICS INC ; KARCSMAR JOSEPH ; STAND JOSEPH A III ; MEDROBOTICS CORP475 PARAMOUNT DRIVERAYNHAMMA02767US ; FLAHERTY MAXWELL R ; COHEN DAVID ; FLAHERTY J ; DARISSE IAN JOSEPH ; GILMARTIN KEVIN ; HOLLOWAY ANTHONY RAY JR ; CASTRO MICHAEL S ; CALEF THOMAS J ; CASTRO MICHAEL

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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 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

International class (IPC 8–9): A01B A61B A61B1/00 A61B1/005 A61B1/008 A61B1/01 A61B1/012 A61B1/04 A61B1/24 A61B1/273 A61B13/00 A61B17/00 A61B17/02 A61B17/24 A61B17/28 A61B17/29 A61B17/32 A61B17/34 A61B17/94 A61B18/02 A61B18/14 A61B18/22 A61B19/00 A61B34/00 A61B34/20 A61B34/30 A61B34/35 A61B34/37 A61B46/10 A61B46/23 A61B90/00 A61B90/30 A61B90/50 A61B90/57 A61G13/10 A61M25/00 A61M25/06 A61M25/08 A61M25/092 B25J B25J13/00 B25J13/06 B25J17/00 B25J18/02 B25J18/06 B25J19/00 B25J19/06 B25J3/00 B25J9/06 B25J9/18 G02B23/24 H04L12/885 (Advanced/Invention);
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European class: A61B1/005B6 A61B1/005B8 A61B1/00P6 A61B1/01

US class: 1/1 600/139 600/141 600/142 600/146 600/149 600/204 600/240 604/525 606/1 606/130 606/205 74/490.04 901/21

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Forward Citations: WO17145342, WO17145340, WO17136710, WO17077888, WO17025982, WO17009604, WO17002143, WO16172162, WO16084997, WO15188071, WO15081008, WO15042453, WO14201538, WO14179683, WO14136583, US9808143, US9796081, US9775676, US9713873, US9629683, US9591964, US9550293, US9517557, US9517059, US9266029, US9144370, US2017156569, US2017144298, US2017086931, US2017015007, US2017014024, US2016213227, US2016213224, US2015367508, US2015352715, US2015196364, US2015174500, US2015141844, US2015141756, JP6093911, JP2016527927, JP2015523221, GB2546625, GB2540930, EP3089696, EP2996619, EP2996613, EP2984535, EP2943140, EP2929303, EP2777480, CN105105703, CN103817704, CN103817704,

Abstract:
Source: US2014005683A A highly articulated robotic probe comprises an outer sleeve and an inner core. The outer sleeve and inner core include a plurality of links. The links of the outer sleeve and inner core are configured to pivot relative to one another. Various characteristics of the links determine the overall pivot angle of the articulated probe. Each of the plurality of links may have one or more channels. The channels form a semi−continuous passage from link to link and are configured to receive an elongated member such as an inner core, tool or cable. One or more cables may be used to control the outer links of the outer sleeve and the inner links of the inner core. Various characteristics of the cables determine the overall performance of the articulated probe.

13) Family number: 40892165 (US2007278376A) © PatBase

Title: DEVICES, SYSTEMS, AND METHODS FOR REINFORCING A TRAFFIC CONTROL ASSEMBLY

Priority:
US20060840989P 20060830 US20060842258P 20060905 US20070839807 20070816
US20060843659P 20060911 US20060860082P 20061120 US20070880612P 20070116
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Family:

Publication number	Publication date	Application number	Application date
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EP2766889 A1	20140820	EP20120842543	20121016
EP2766889 A4	20151028	EP20120842543	20121016
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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 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

International class (IPC 8–9): B23P11/00 B60Q1/26 E01F9/011 E01F9/65 F16B2/02 F16M13/00 F16M13/02 F21S8/00 F21S8/06 F21V15/01 F21V21/008 G08G1/048 G08G1/07 G08G1/095 H01R13/02 H01R13/60 H01R13/66 H05K7/02 (Advanced/Invention); F21W111/02 (Advanced/Non–invention); F16M13/00 F21S8/00 G08G1/095 (Core/Invention)

CPC: F16M13/02 Y10T29/49947 G08G1/048 F21S8/068 F21V15/01 E01F9/65 F21V21/008 G08G1/095 F21Y2115/10 F21W2111/02 Y10T29/49826

European class: G08G1/095 R21W111/02

US class: 1/1 174/41 248/214 248/214P 248/218.4 248/224.8 248/224.800S 248/309.1 248/309.100P 248/317 248/327 248/342 248/343 248/610 248/610P 29/428 29/428S 29/525.01 29/525.010S 312/237 340/906 340/907 361/807 362/227 362/391 439/296 439/529 439/530 439/888

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US8749402, US8659445, US8540392, US7677372, US2016290613, US2016148507, US2015115122, US2013314255, US2013087672, US2011193277, US2009026032, CN105042522,

Abstract:
Source: US2007278376A Devices, systems, and methods for reinforcing a traffic control assembly are provided. In some embodiments, a retrofitted traffic control assembly configured to reinforce a traffic signal assembly in high wind conditions is provided, where the assembly includes a clamping assembly having clamping members that at least partially surround an existing traffic signal disconnect hanger, and bar members positioned substantially perpendicular to the clamping members. In certain embodiments, stiffening members may be placed in, on, or adjacent to a traffic signal and/or a traffic signal disconnect hanger to further reinforce the traffic signal assembly. Also provided are connection assemblies for reinforcing the portion of a traffic control assembly positioned between a traffic signal disconnect hanger and an upper span wire, for example.

14) Family number: 43710632 (US2009239977A)

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Title: SELF–LEVELING CEMENTITIOUS COMPOSITION WITH CONTROLLED RATE OF STRENGTH DEVELOPMENT AND ULTRA–HIGH COMPRESSIVE STRENGTH UPON HARDENING AND ARTICLES MADE FROM SAME

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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WO09142791 A3	20100211	WO2009US35433	20090227	

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Assignee(s): SECRETARY OF ARMY US ; REPRESENTED BY SECRETARY OF ARMY US GOV AS ; UNITED STATES OF AMERICA ; US GYPSUM CO ; GOVERNMENT OF UNITED STATES REPRESENTED BYTHE SECRETARY OF ARMY AS ; GOVERNMENT OF UNITED STATES REPRESENTEDB BY SECRETARY OF ARMY AS ; UNITED STATES GYPSUM COMPANY ; USA GOVERNMENT UNITED STATES GYPSUM CO ; USA GOVERNMENT ; SECRETARY OF ARMY AS US GOV ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA... ; UNITED STATES GOVERNMENT AS REPRESENTED BY THE SECRETARY OF THE ARMY ; UNITED STATES GOVERNMENT REPRESENTED BY THE SECRETARY OF THE ARMY ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY ; REPRESENTED BY SECRETARY OF ARMY US GOV ; REPRESENTED BY SECRETARY OF ARMY AS US GOV ; GOVERNMENT OF THE UNITED STATES AS REPRESENTED BYTHE SECRETARY OF THE ARMY ; GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE ARMY

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Inventor(s): TONYAN TIMOTHY ; ROTH MICHAEL ; 10 THOMAS SLAWSON ; 11 JAMES L DAVIS ; 12 JAMES L DAVIS ; CUMMINS TONEY ; DAVIS JAMES ; DUBEY ASHISH CHAN CESAR NATESAIYER KUMAR DURST BARTLEY P KINNEBREW PAMELA G CUMMINS TONEY K BOONE NICHOLAS HEARD WILLIAM F ROTH MICHAEL J SLAWSON THOMAS ; DUBEY ASHISH TONYAN TIMOTHY D FRANK WILLIAM A NATESAIYER KUMAR DURST BARTLEY P KINNEBREW PAMELA G CUMMINS TONEY K BOONE NICHOLAS HEARD WILLIAM F ROTH MICHAEL J SLAWSON THOMAS DAVIS JAMES L STINSON RYAN JOHNSON CAROL F ; DURST BARTLEY ; FRANK WILLIAM ; FRANK WILLIAM A DUBEY ASHISH ; HEARD WILLIAM ; KINNEBREW PAMELA ; MICHAEL J ROTH ; 14 CAROL F JOHNSON ; 13 RYAN STINSON ; 11 THOMAS SLAWSON ; 10 MICHAEL J ROTH ; FRANK WILLIAM A DUBEY ASHISH CHAN CESAR DURST BARTLEY P KINNEBREW PAMELA G CUMMINS TONEY K HEARD WILLIAM F ROTH MICHAEL J BOONE NICHOLAS TONYAN TIMOTHY D DAVIS JAMES L

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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

International class (IPC 8–9): A47G5/00 B23B1/00 B23B13/02 B23B13/04 B26B5/20 B28B1/093 B28B13/02 B28B19/00 B28B23/00 B28B5/02 B28B7/36 B28C5/36 B29C67/00 B32B1/00 B32B13/02 B32B13/04 B32B13/12 B32B13/14 B32B17/04 B32B27/04 B32B3/18 B32B38/10 B32B5/28 B32B7/12 B32B9/00 B62B5/20 C04B11/30 C04B111/20 C04B111/62 C04B14/00 C04B14/02 C04B14/04 C04B14/06 C04B14/38 C04B14/42 C04B14/48 C04B16/06 C04B18/14 C04B20/00 C04B22/06 C04B22/12 C04B24/06 C04B24/12 C04B24/24 C04B24/26 C04B28/00 C04B28/02 C04B28/04 C04B28/28 E04B1/343 E04C2/04 E04C2/06 E04C2/26 E04C2/34 E04C2/38 E04H12/18 E04H15/34 E04H15/48 E04H9/14 E06B9/06 F41H11/00 F41H5/02 F41H5/04 (Advanced/Invention);
C04B111/20 C04B111/62 (Advanced/Non–invention);
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International class (IPC 1–7): B32B1/00 B32B13/02 B32B13/04 B32B13/12 B32B13/14 C04B14/02 C04B14/38 C04B28/00 C04B28/28 F41H5/02 F41H5/04

CPC: E04H9/04 F41H5/013 F41H5/04 E04B1/3441 E04B1/3483 C04B28/04 C04B2111/2038 Y10S428/911 C04B2111/00103 C04B2111/00629 C04B2201/52 B28B7/364 B28B13/022 B28B19/0015 B28C5/365 B28C5/404 C04B2111/1056 C04B2111/2046 E04H9/10 F41H5/0428 F41H5/0414 F41H5/0471 B28B1/522 B28B5/027 B28B23/02 B32B13/12 C04B28/02 C04B2111/00612 C04B2111/00974 C04B2111/62 E04C2/06 Y02W30/94 B32B5/024 B32B7/08 B32B7/12 B32B13/02 B32B27/18 B32B27/32 B32B27/36 B32B2250/42 B32B2255/00 B32B2255/26 B32B2262/0223 B32B2262/0246 B32B2262/0253 B32B2262/0261 B32B2262/0269 B32B2262/062 B32B2262/101 B32B2262/103 B32B2262/106 B32B2262/14 B32B2264/102 B32B2307/50 B32B2419/00 B32B2571/00 B32B2607/00 Y10T428/249932

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US class: 109/49.5 135/123 135/143 135/143S 135/151 135/151S 156/153 156/39 156/42 156/45 160/135 160/351 160/352 160/377 160/379 160/379S 160/405 160/405S 264/162 264/162S 428/294.7 428/703 428/911 52/641 52/645 52/646 52/648.1 52/653.1 524/5 524/5P 89/36.02 89/36.020P 89/36.07 89/901 89/903 89/904 89/904S 89/915 89/915S 89/920 89/937 89/937S

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Abstract:
Source: US2009239977A A self−leveling cementitious mixture with excellent flow properties and which hardens with a controlled rate of strength development to an ultra−high compressive strength composite composition for use in making articles such as cementitious armor panel with ballistic and blast resistant properties including: a continuous phase resulting from the curing of an aqueous mixture, in the absence of silica flour, of inorganic cement binder, inorganic mineral filler having a particle size of about 150−450 microns, pozzolanic mineral filler, polycarboxylate based self−leveling agent and water. The cementitious mixture may include alkanolamine, such as triethanolamine, and acid or acid salt, such as tartaric acid. The cementitious composition may be reinforced with reinforcing fibers, e.g. glass fibers, in an amount of about 0.5−6.0 percent by volume of the overall cementitious composition. The fibers are uniformly dispersed in the cementitious composition before it is cured to form a final cementitious armor panel.

15) Family number: 29543494 (US2004131834A) © PatBase

Title: ALUMINUM CONDUCTOR COMPOSITE CORE REINFORCED CABLE AND METHOD OF MANUFACTURE

Priority:

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Probable Assignee: CTC GLOBAL CORP

Assignee(s):(std)**:** COMPOSE TECHNOLOGY CORP ; COMPOSITE TECH CORP ; COMPOSITE TECHNOLOGIES CORP ; CTC CABLE CORP ; COMPSITE TECHNOLOGY CORP ; COMPOSITE TECH ; KORZENIOWSKI GEORGE ; HIEL CLEM ; HIEL CLEMENT ; KORZIENOWSKI GEORGE ; FERGUSON WILLIAM C ; KORZENLOWSKI GEORGE ; PILLING DOUGLAS ; FERGUSON WILLIAM ; BOSZE ERIC ; BRYANT DAVID ; DAVID BRYANT ; CTC GLOBAL CORP

Assignee(s): GEORGE KORZENIOWSKI ; CLEMENT HIEL ; PARTNERS FOR GROWTH II LP ; COMPOSITE TECHNOLOGYCORPORATION ; COMPOSITE TECHNOLOGY CORP

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Inventor(s): BRYANT DAVID HIEL CLEMENT FERGUSON WILLIAM C ; CLEM HEIL

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; JOHNSON ERNEST PETER; D YOUNG AND CO LLP; ILLINGWORTH LAW WILLIAM ILLINGWORTH; ISERN JORGE; SOROKER AGMON; TOLGA CAYLAK; MICHAEL D MCLNTOSH MCLNTOSH LLC; THE MCINTOSH GROUP; MCINTOSH GROUP; BROWNSTEIN HYATT FARBER SCHRECK LLP; MARCH FISCHMANN AND BREYFOGLE LLP; MARSH FISCHMANN AND BREYFOGLE 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 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

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European class: B29C70/52 B29C70/52A B32B1/00 B32B15/02 B32B15/04 B32B15/08 B32B15/20 B32B27/04 H01B1/02B H01B5/10G6 H01B7/18B2 H01B9/00P H01R4/50W H01R4/62 H02G15/06 H02G15/10 H02G15/18 H02G7/04 H02G7/05B3 L29L31/34K T01B13/00J T01B5/10G6 T02G7/04

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Abstract:
Source: US2004131834A This invention relates to an aluminum conductor composite core reinforced cable (ACCC) and method of manufacture. An ACCC cable has a composite core surrounded by at least one layer of aluminum conductor. The composite core comprises a plurality of fibers from at least one fiber type in one or more matrix materials. The composite core can have a maximum operating temperature capability above 100 degrees centigrade or within the range of about –45 degrees centigrade to about 230 degrees centigrade, at least 50 percent fiber to resin volume fraction, a tensile strength in the range of about 160 Ksi to about 370 Ksi, a modulus of elasticity in the range of about 7 Msi to about 37 Msi and a coefficient of thermal expansion in the range of about –0.7x10<–6>m/m/ degrees centigrade to about 6x10<–6>m/m degrees centigrade According to the invention, a B–stage forming process may be used to form the composite core at improved speeds over pultrusion processes wherein the speeds ranges from about 9 ft/min to about 60 ft/min.

0) US2002138025A – MEDICAL SLINGS

16) Family number: 42244548 (US2002138025A) © PatBase

Title: MEDICAL SLINGS

Priority:

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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 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

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Abstract:
Source: US2002138025A A medical sling made from material that is suitably shaped for use in a medical application has sides, portions of which are smoothed to prevent abrasion of surrounding tissue.

0) US2007250020A – DEVICES AND METHODS FOR TREATMENT OF OBESITY

17) Family number: 40749690 (US2007250020A) © PatBase

Title: DEVICES AND METHODS FOR TREATMENT OF OBESITY

Priority:

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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 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

International class (IPC 8–9): A61B1/00 A61B1/01 A61B1/018 A61B17/00 A61B17/03 A61B17/04 A61B17/072 A61B17/08 A61B17/10 A61B17/115 A61B17/12 A61B17/128 A61B17/34 A61B19/00 A61B5/03 A61B5/05 A61F13/00 A61F17/00 A61F2/00 A61F2/02 A61F2/04 A61F5/00 A61M25/00 A61M25/10 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M5/00 B32B37/02 B32B37/06 B32B38/00 (Advanced/Invention);
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Abstract:
Source: US2007250020A Implantable devices, instruments, kits and methods for treatment of obesity. One or more devices can be implanted adjacent to or in contact with the stomach to occupy a space to prevent the stomach from expanding into that space as food is taken into the stomach. Alternatively, one or more devices may be implanted and expanded to displace at least a portion of the wall of the stomach to decrease the internal volume of the stomach that is available to receive food. Devices may be anchored to one or more internal structures at one or more locations without piercing through the wall of the stomach. Devices can be implanted using minimally invasive methods, such as percutaneous or laparoscopic methods. Delivery instruments are also provided. An intra−gastric sizing device is provided to facilitate implantation of an extra−gastric device in some method embodiments.

18) Family number: 43505897 (US2009180737A) © PatBase

Title: OPTICAL FIBER INTERCONNECTION DEVICES AND SYSTEMS USING SAME

Priority:

EP20090701176 20090109 US20080010807 20080111 US20080019592P 20080107
US20080010807P 20080111 US20080019596 20080107 US20080019592 20080107
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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 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

International class(IPC 8–9)**:** F16L3/00 F16L3/01 F16L3/02 F16L3/08 F16L3/22 G02B6/26 G02B6/38 G02B6/42 G02B6/44 H01R4/00 H02B1/01 H02B1/20 H02B1/56 H02G3/00 H02G3/04 H02G3/30 H02G7/10 H04Q1/02 H04Q1/06 H04Q1/14 H05K5/02 H05K7/14 H05K7/20 (Advanced/Invention); H02B1/56 H05K7/20 (Advanced/Non–invention); F16L3/00 F16L3/01 F16L3/02 F16L3/08 F16L3/22 G02B6/38 G02B6/44 H02B1/00 H02B1/20 H02G3/00 H02G3/04 H02G3/30 H02G7/00 H04Q1/02 H05K5/02 H05K7/14 H05K7/20 (Core/Invention); H02B1/00 H05K7/20 (Core/Non–invention)

CPC: G02B6/3897 G02B6/4453 G02B6/4472 G02B6/3608 H05K7/1447 H04Q1/14 H04Q1/06 H04Q1/035 H02G3/30 H02G3/0456 H04Q1/062 H05K7/1491 H04Q1/09 G02B6/4459 G02B6/4452

European class: G02B6/38D16 G02B6/44C8A6 G02B6/44C8D H02G3/04G H02G3/30 H04Q1/02 H04Q1/06 H05K7/14S4D S02B6/36F S02B6/44C8A4 S02B6/44C8Z1

US class: 174/100 174/101 174/135 174/135S 174/168 174/173 174/197 174/50 174/68.1 174/68.3 174/72A 174/72R 174/97 211/26 248/65 248/65P 248/65S 248/68.1 248/68.100P 254/134.3CL 312/265.1 312/354.1 361/825 361/826 361/826P 385/134 385/135 385/15

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Classification Explorer

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Abstract:
Source: US2009180737A Optical fiber interconnection devices, which can take the form of a module, are disclosed that include an array of optical fibers and multi−fiber optical−fiber connectors, for example, two twelve−port connectors or multiples thereof, and three eight−port connectors or multiples thereof. The array of optical fibers is color−coded and is configured to optically interconnect the ports of the two twelve−port connectors to the three eight−port connectors in a manner that preserves transmit and receive polarization. In one embodiment, the interconnection devices provide optical interconnections between twelve−fiber optical connector configurations to eight−fiber optical connector configurations, such as from twelve−fiber line cards to eight−fiber line cards, without having to make structural changes to cabling infrastructure. In one aspect, the optical fiber interconnection devices provide a migration path from duplex optics to parallel optics.

19) Family number: 40830573 (US2003080604A) © PatBase

Title: IN SITU THERMAL PROCESSING AND INHIBITING MIGRATION OF FLUIDS INTO OR OUT OF AN IN SITU OIL SHALE FORMATION

Priority:

US20010286062P 20010424 US20010337249P 20011024 US20020128698 20020424
US20020128697 20020424 US20020128699 20020424 US20020128700 20020424
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Publication number	Publication date	Application number	Application date
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International class (IPC 8–9): C10G1/00 C10G49/00 E21B36/00 E21B42/243 E21B43/00 E21B43/24 E21B43/243 E21B43/247 E21B43/28 E21B43/30 E21B43/40 E21B47/00 E21B49/00 E21C41/24 (Advanced/Invention); E21B47/00 (Core/Invention)

International class (IPC 1–7): C01B3/24 C10G1/00 C10G47/22 C10G49/00 E21B1/00 E21B17/10 E21B19/22 E21B36/04 E21B43/00 E21B43/24 E21B43/243 E21B43/26 E21B43/295 E21B43/30

E21B43/34 E21B47/00 E21B47/06 E21C37/16 E21C37/20 E21C41/16 H05B3/80

CPC: E21B43/24 E21B43/2401 E21B43/243 E21B43/247 E21B43/30

European class: E21B43/243 E21B43/247 E21B43/30

US class: 166/242.1 166/242.100P 166/245 166/250.01 166/250.010P 166/250.07 166/250.070P 166/250.12 166/250.15 166/251.1 166/254.1 166/256 166/256S 166/257 166/261 166/264 166/266 166/267 166/271 166/272.1 166/272.100P 166/272.100S 166/272.2 166/272.3 166/272.7 166/300 166/302 166/302S 166/303 166/308 166/384 166/52 166/57 166/59 166/59S 166/6 166/60 166/60P 166/60S 299/14 299/14P 299/4 299/5 299/5P 299/6 299/7 392/301 392/301P 392/305 392/306 405/130 405/270 405/52 423/131 423/208 423/658.5 507/200 507/200P 585/1 585/2

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Abstract:
Source: US2003080604A An oil shale formation may be treated using an in situ thermal process. Fluid migration into and/or out of a treatments area in the formation may be inhibited. In some embodiments, a barrier may be used to inhibit migration of fluids into and/or out of the treatment area. Heat may be provided to the treatment area and subsequently, hydrocarbons, H2, and/or other formation fluids may be produced from the formation.

0) US2005213921A – FIBER ACCESS TERMINAL

20) Family number: 32257704 (US2005213921A) © PatBase

Title: FIBER ACCESS TERMINAL

Priority:

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International class (IPC 8–9): G02B6/00 G02B6/36 G02B6/38 G02B6/44 G02B6/46 (Advanced/Invention); G02B6/44 (Core/Invention); G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/00 G02B6/38 G02B6/44

CPC: G02B6/3897 G02B6/4442 G02B6/4446

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Abstract:
Source: US2005213921A A fiber access terminal for mounting to the end of a fiber distribution cable and configured to be extended through a buried conduit. The fiber distribution cable may include a plurality of optical fibers and enters a housing of the terminal through a base. The terminal also includes a plurality of fiber optic connectors or adapters extending through the housing in generally the same direction as the fiber distribution cable for connecting to optical fiber customer drop cables. The terminal includes a cover and the housing defining an interior and the interior includes a cable slack storage arrangement providing bend radius protection for the optical fiber cables within the interior. A method of assembling a fiber access terminal. A fiber access terminal assembly including a pedestal mounting arrangement.

0) US2008163663A – COMPACT TUBE WITH INTERNAL FEATURES AND METHODS...

21) Family number: 41998397 (US2008163663A) © PatBase

Title: COMPACT TUBE WITH INTERNAL FEATURES AND METHODS FOR FABRICATING THE SAME

Priority:

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

International class(IPC 8–9)**:** B21C23/18 B21C37/06 B21D22/20 B21D28/00 B21D31/00 B21D35/00 B21D51/00 D01D5/24 F16B35/00 F21V3/04 F21V33/00 F21V5/08 G02B5/02 G02F1/13357 G06F1/18 G06F17/00 G06F3/02 G06F3/038 G08B5/00 G08B5/22 G09G5/00 H01H47/00

H01L31/042 H01R11/30 H01R12/00 H01R13/02 H01R13/22 H01R13/24 H01R13/40 H01R13/62 H01R13/631 H01R13/639 H01R13/64 H01R13/66 H01R13/70 H01R13/703 H01R13/707 H01R24/00 H01R27/00 H01R27/02 H01R29/00 H01R4/00 H01R4/50 H01R43/26 H02J4/00 H02J50/10 H02J7/00 H02J7/04 H03K17/00 H03K3/00 H04B1/16 H04B1/38 H04M1/00 H04M1/02 H04M1/03 H04M1/05 H04M1/22 H04M1/60 H04M1/73 H04R1/02 H04R1/08 H04R1/10 H04R25/00 H04R5/033 H04W52/02 H04W88/02 H05B33/08 H05B37/02 H05K1/00 H05K1/02 H05K1/11 H05K1/14 H05K1/18 (Advanced/Invention);
F21Y101/02 G02F1/1335 H01R13/62 H01R13/64 H01R27/02 H04B1/38 H04B1/3827 H04M1/02 H04M1/05 H04M1/60 H04M1/73 H04R1/10 H05K1/00 H05K1/11 H05K1/14 H05K1/18 (Advanced/Non-invention);
B21C37/06 B21D22/20 B21D31/00 B21D35/00 B21D51/00 D01D5/00 F16B35/00 F21V33/00 G02F1/13 G06F17/00 G08B5/00 G08B5/22 H01H47/00 H01L31/042 H01R11/11 H01R13/62 H01R13/70 H01R27/00 H01R29/00 H01R4/50 H02J7/04 H03K17/00 H03K3/00 H04B1/38 H04M1/02 H04M1/03 H04M1/04 H04M1/22 H04M1/60 H04R1/10 H04R25/00 H05B33/02 H05B37/02 H05K1/00 H05K1/11 H05K1/18 (Core/Invention);
H01R27/00 H04B1/38 H04M1/02 H04M1/04 H04M1/60 H05K1/00 H05K1/11 H05K1/18 (Core/Non-invention);
F16B F21V H01R H04B H04M H04R H05K (Subclass/Invention)

International class (IPC 1-7): H01R13/703

CPC: H04R1/083 H04R1/1066 H04R1/1075 H04R31/006 H01R43/24 H05B33/0815 H05B33/0818 H05B33/0857 Y02B20/346 C09D175/06 Y02E10/52 H01L31/0547 H01R13/2428 H01R13/64 H01R13/7039 H01R43/26 H04R1/1058 B21C23/18 H04R1/1041 H04R2201/107 H04R2420/09 G06F3/038 H04M1/0262 H04M1/0274 H04M1/0277 H04M1/05 H04M1/6058 H04M1/6066 H04M2250/02 H04R2201/105 H04W52/0274 H05K1/147 H05K1/189 Y02B60/50 G09G5/006 G06F3/0227 Y10T307/696 Y10T307/414 Y10T307/826 H01R13/02 H01R13/62 H02J50/10 H01R13/6205 C08G18/4238 H01L31/048 H04B2001/3866 H04R1/105 H02J7/0052 H04R1/1025 H02J7/0042 H04R1/1016 H04R2420/07 B29C47/0023 B29C47/0038 H02J7/0029 H04R5/033 H04R29/008 H04R2225/33 H04R2225/51 H01R29/00

European class: B21C23/18 C08G18/42C3 C09D175/06 G06F3/038 H01L31/048 H01L31/052B H01R13/24A5 H01R13/703F H01R29/00 H01R43/24 H01R43/26 H04M1/05 H04M1/60T2B2 H04R1/08D H04R1/10B H04R1/10G H04R1/10M H04R31/00F H04W52/02L6 H04W52/02T8E H05B33/08D1C4H H05B33/08D3K T01R13/62A T01R13/64 T04M1/02A14B T04M1/02A14M T04M1/02A14P T04M1/05 T04M1/60T2B T04M1/60T2B2 T04M250/02 T04R1/10B T04R1/10C T04R1/10G T04R1/10M T04R1/10M2 T04R1/10M4 T04R201/105 T04R201/107 T04R420/07 T04R420/09 Y02B20/34B6

US class: 1/1 136/251 264/209.3 264/209.300S 307/10.1 307/125 307/125P 307/32 307/80 307/80P 315/186 315/209R 315/210 315/210P 315/312 320/162 320/162S 327/185 327/185S 327/407 327/407P 340/815.4 340/815.400S 340/815.45 340/815.450S 345/156 379/428.01 381/361 381/361S 381/364 381/364P 381/374 381/375 381/375P 381/380 381/380P 381/380S 381/384 381/74 381/74P 439/180 439/345 439/38 439/39 439/39S 439/500 439/626 439/626P 439/692 439/83 455/342.2 455/343.5 455/343.6 455/550.1 455/568 455/569.1 455/575.2 455/73 455/73S 700/94 700/94P 72/267 72/340 72/343 72/343S 72/347 72/347S 72/348 72/348P 72/368 72/368S

Classification Explorer

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Abstract:
Source: US2008163663A Methods for forming a tube that includes a feature extending from an inner surface of the tube are provided. The methods can include using a die and stamper, single impact extrusion, double impact extrusion, and progressive deep draw process.

0) US2012257859A – FIBER OPTIC CONNECTOR

22) Family number: 51935944 (US2012257859A) © PatBase

Title: FIBER OPTIC CONNECTOR

Priority: AU20120229131 20120315 AU20140256343 20141029 US20110510711P 20110722 US20110452953P 20110315 US20120420286 20120314 US20140154352 20140114 WO2012US29241 20120315 US20150858900 20150918 US20160357030 20161121

Family:

Publication number	Publication date	Application number	Application date
AU2012229131 AA	20120920	AU20120229131	20120315
AU2012229131 BB	20140814	AU20120229131	20120315
AU2014256343 AA	20141120	AU20140256343	20141029
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US2014254988 AA	20140911	US20140154352	20140114
US2016178850 AA	20160623	US20150858900	20150918
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WO12125836 A3	20121129	WO2012US29241	20120315

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std)**:** COMMSCOPE TECH LLC ; COMMSCOPE TECHNOLOGIES LLC ; NHEP PONHARITH ; ADC TELECOMMUNICATIONS INC ; ADS TELEKOMMYUNIKEJSHNZ INK

Assignee(s): COMMSCOPE EMEA LTD ; TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS

Inventor(s):(std)**:** NHEP PONHARITH ; PONHARITH NHEP ; NKHEP PONKHARIT

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; ROBIC; ZUCKER VOLKER; MERCHANT AND GOULD PC; BRUESS STEVEN C

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

International class (IPC 8–9): G02B6/36 G02B6/38 (Advanced/Invention)

CPC: G02B6/3887 G02B6/387 G02B6/3861 G02B6/381 G02B6/3825 G02B6/3823 G02B6/3821

European class: G02B6/38D12

US class: 1/1 385/78 385/80 385/81

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Abstract:
Source: US2012257859A A connector includes a ferrule assembly having a ferrule, a hub and a spring, the ferrule having a distal face accessible at a distal end of the connector housing, the ferrule being movable in a proximal direction relative to the connector housing. The distal and proximal positions are separated by an axial displacement distance. The ferrule proximal movement is against the spring's bias. The cable of the assembly includes an optical fiber contained within a jacket and also a strength layer between the fiber and the jacket that is anchored to the connector housing. The fiber extends through a fiber passage from the proximal end of the connector housing to the ferrule. The fiber has a distal portion potted within the ferrule. The fiber passage has a fiber take−up region configured to take−up an excess length of the fiber corresponding to the ferrule axial displacement.

0) US2014130930A – ELASTIC AND SPRING BIASED RETRACTABLE HOSES

23) Family number: 56436572 (US2014130930A) © PatBase

Title: ELASTIC AND SPRING BIASED RETRACTABLE HOSES

Priority: JP20160161180 20160819 KR20160101644 20160810 US20120724890P 20121109 US20120732291P 20121201 US20130075963 20131108 US20130093985 20131202 US20130856054P 20130719 US20140491735 20140919 US20140455461 20140808 US20130864555P 20130810 US20140039913P 20140821 US20150600839 20150120 US20140069831P 20141029 US20150207358P 20150819 WO2013US69301 20131108 US20150831313 20150820 WO2014US50562 20140811

Family:

Publication number	Publication date	Application number	Application date
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WO15023592 A1	20150219	WO2014US50562	20140811
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Probable Assignee: RAGNER TECHNOLOGY CORP

Assignee(s):(std)**:** LG ELECTRONICS INC ; RAGNER TECH CORP ; RAGNER TECHNOLOGY CORP

Assignee(s): RAGNER TECHNOLOGY CORPORATION ; RAGNER GARY DEAN

Inventor(s):(std)**:** GARY DEAN RAGNER ; KIM HYUNSOOK ; RAGNER GARY DEAN ; KIM LAEYOUNG ; RYU JINSOOK ; YOUN MYUNGJUNE

Agent(s): FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; MACPHERSON LESLIE AND TYERMAN LLP; MLT AIKINS LLP; SAMSON AND PARTNER PATENTANWAELTE MBB; NAGATA YUTAKA; FROST BROWN TODD LLC; MORRISS WILLIAM S ET AL; ENVISION PATENT AND LAW FIRM

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

International class (IPC 8–9): B60P7/08 B65D63/00 D03D3/02 D03D3/06 D04C1/02 D04C1/06 D04C3/06 D06J1/02 D06J1/12 F16L11/00 F16L11/02 F16L11/04 F16L11/11 F16L11/115 F16L11/118 F16L11/12 F16L11/20 F16L33/02 H04W4/22 H04W4/90 H04W60/00 H04W8/06

H04W8/12 H04W8/20 (Advanced/Invention)

CPC: F16L11/11 F16L11/10 D03D3/02 D03D3/06 Y10T137/0396 F16L11/005 Y10T137/0318 B32B7/12 B32B1/08 B32B5/024 B32B5/026 B32B25/10 B32B25/12 B32B25/14 B32B27/12 B32B27/40 B32B2262/0253 B32B2262/0261 B32B2262/0276 B32B2262/062 B32B2307/51 B32B2307/554 B32B2597/00 F16L11/118 F16L11/12 F16L11/20 F16L57/06 D04C1/06 D04C1/02 D06J1/12 D10B2401/061 B60P7/0823 H04W4/22 H04W8/06 H04W8/12 H04W8/20 H04W60/00

US class: 1/1 137/1 137/14 138/109 138/118 138/119 138/121 138/125 138/137 138/173 139/387R

Classification Explorer

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Forward Citations: WO16128940, WO16098063, WO16085736, WO16054844, WO15177664, WO14184563, USD797905, USD797262, USD796644, USD785141, USD784497, USD782623, USD779640, USD777888, USD757233, USD731032, USD724186, USD723669, USD722681, USD716910, US9815254, US9810357, US9765909, US9468938, US9371944, US9334985, US9279525, US9182057, US9149973, US9127791, US2016252199, US2016245430, US2016116087, US2016075524, US2015041016, US2013320599, EP3133328, EP2824374, DE202016105040, DE102015104256, DE102015104256, CN105465501, CN104180095,

Abstract:
Source: US2014130930A An extendable and retractable pressure hose can be constructed comprising an input connector, an output connector, an elastic inner hose, an outer cover, and one or more portions of the elastic inner hose engaged with the outer cover and disposed between the first and second ends of the hose. In such a hose, the input connector and output connector can be connected to each end of elastic inner hose and outer cover.

24) Family number: 41512621 (US2008049949A) © PatBase

Title: LIGHTWEIGHT AUDIO SYSTEM FOR AUTOMOTIVE APPLICATIONS AND METHOD

Priority:

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WO10099415 A1	20100902	WO2010US25543	20100226

Probable Assignee: DELPHI TECH INC

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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 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

International class (IPC 8–9): A44B1/00 A47B81/00 A47F7/00 B05D5/06 B21D11/10 B21D26/027 B21D26/031 B23K26/38 B23P11/00 B23P13/00 B23P15/00 B23P17/00 B23P25/00 B23P9/00 B29C39/02 B29C43/00 B29C43/20 B29C45/14 B29C51/10 B29C59/16 B29D17/00 B41M5/24 B60R11/00 B60R11/02 B60R5/00 B65D85/00 E05D3/06 E05D3/14 F16B1/00 F16B19/00 F28F7/00 G04B17/00 G04C11/02 G04G5/00 G04G7/02 G04R20/10 G05G1/02 G06F1/00 G06F1/16 G06F1/18 G06F11/00 G06F17/00 G06F19/00 G06F9/445 G11B33/12 G12B9/00 H01H13/14 H01H13/70 H01H3/02 H01H3/12 H01R13/502 H02H3/00 H04B1/00 H04B1/06 H04B1/08 H04B15/02 H04H20/47 H04Q7/20 H04R1/00 H04R1/02 H04R29/00 H05F1/00 H05K1/02 H05K1/14 H05K11/02 H05K13/00 H05K3/00 H05K3/36 H05K5/00 H05K5/02 H05K7/02 H05K7/12 H05K7/14 H05K7/20 H05K9/00 (Advanced/Invention);
H05K1/14 (Advanced/Non–invention);
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International class (IPC 1–7): H04Q7/20 H05K9/00

CPC: G06F1/1656 G06F1/182 H05K13/00 H05K5/0226 H05K7/20436 H04R1/02 B29C59/16 H05K5/0221 B60R11/02 G06F11/00 H05K1/0215 H05K1/141 H05K7/20418 H05K2201/09081 H05K2201/10386 H05K2201/10446 H05K9/0045 H05K7/14 B60R11/0205 H05K5/0217 H05K9/0047 B21D26/027 B21D26/031 H04B15/02 Y10T16/547 Y10T16/5476 Y10T29/49002 Y10T29/49124 Y10T29/49126 Y10T29/49128 Y10T29/4913 Y10T29/49169 Y10T29/49172 Y10T29/4957 Y10T29/49826 Y10T29/49861 Y10T29/5313 Y10T74/20396 Y10T403/70 Y10T403/77 Y10T428/24289 H04B1/082 H05K9/0081 H05K9/0079 H05K3/00 H05K9/0007 H05K7/20409 Y10T29/49117 Y10T428/24917 H05K7/12 Y10T29/4998 Y10T156/1028 G04G5/002 G04R20/10 H05K7/1417 H05K7/142 H05K7/1422 B29C70/68 B29C70/882 B29C70/885

European class: B21D26/027 B21D26/031 G04G5/00B G06F1/16P9E G06F1/18E2 H04B1/08M H04B15/02 H05K1/02C1 H05K7/20F3B H05K7/20F4 H05K9/00B8 T05K1/14B T05K201/09A8 T05K201/10B21 T05K201/10C1A

US class: 1/1 116/307 156/212 156/212S 16/366 16/366S 16/370 16/370S 165/185 165/185S 165/50 165/80.2 174/350 174/35R 174/377 174/383 174/390 174/392 174/5.00R 174/50 174/50.54 174/521 174/559 174/561 174/562 174/563 174/5R 181/167 200/337 200/337S 200/344 200/530 200/530S 200/5A 206/335 206/335S 219/121.69 219/121.690S 224/400 224/400S 224/539 235/472.02 235/492 248/27.1 248/27.3 252/512 257/669 257/678 257/718 264/104 264/104S 264/132 264/132S 264/272.14 264/337 264/337S 264/400 264/400S 29/428 29/445 29/445S 29/527.1 29/592.1 29/592.100P 29/592.100S 29/729 29/729S 29/825 29/825S 29/829 29/829S 29/830 29/831 29/832 29/854 29/856 29/896.2

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Forward Citations: WO17001888, WO16073064, WO12125436, WO10099415, WO10036218, US9802488, US9776560, US9759881, US9731600, US9668388, US9652003, US9642284, US9635770, US9625949, US9618973, US9618968, US9578769, US9541961, US9525387, US9507378, US9497878, US9485893, US9468110, US9456535, US9456531, US9455500, US9446709, US9439051, US9400529, US9398806, US9398710, US9397485, US9345165, US9340133, US9327650, US9326556, US9320168, US9287627, US9271430, US9262958, US9237685, US9237683, US9192083, US9173332, US9167712, US9125293, US9119288, US9079546, US9042119, US9025301, US9013881, US9004588, US8988884, US8982561, US8958204, US8947860, US8879249, US8857045, US8837169, US8830687,

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Abstract:
Source: US2008049949A A lightweight radio/CD player for vehicular application is virtually "fastenerless" and includes a case and frontal interface formed of polymer based material that is molded to provide details to accept audio devices such as playback mechanisms (if desired) and radio receivers, as well as the circuit boards required for electrical control and display. The case and frontal interface are of composite structure, including an insert molded electrically conductive wire mesh screen that has been pre−formed to contour with the molding operation. The wire mesh provides EMC, RFI, BCI and ESD shielding and grounding of the circuit boards via exposed wire mesh pads and adjacent ground clips. The PCB architecture is bifurcated into a first board carrying common circuit components in a surface mount configuration suitable for high volume production, and a second board carrying application specific circuit components in a wave soldered stick mount configuration. The major components and subassemblies are self−fixturing during the final assembly process, eliminating the need for dedicated tools, fixtures and assembly equipment. The major components and subassemblies self−interconnect by integral guide and connection features effecting "slide lock" and "snap lock" self−interconnection. The radio architecture includes improved push buttons employing 4−bar living hinge linkage and front loaded decorative trim buttons.

25) Family number: 29169223 (US2003196655A) © PatBase

Title: ERGONOMIC AND ADJUSTABLE RESPIRATORY MASK ASSEMBLY WITH HEADGEAR ASSEMBLY

Priority:

AU20020001926	20020423	AU2002PS01926	20020423	AU20030203830	20030423
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Family:

Publication number	Publication date	Application number	Application date
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Assignee(s): RESMED NORTH RYDE LTD ; RESMED LTD BELLA VISTA ; RESMED BELLA VISTA LTD ; RESMED (R AND D) LTD ; RESMED R AND D LTD ; RESMED LIMITED NORTH RYDE

Inventor(s):(std)**:** ANDREW M PRICE ; ANTHONY M GING ; PHILIP RODNEY KWOK ; RACHAEL E MOORE ; SAAD NASR ; RODNEY KWOK PHILIP ; PRICE ANDREW ; PHILIP R KWOK ; PHILIP KWOK ; OZOLINS ANGELINE MARIE ; DANTANARAYANA MUDITHA P ; DANTANARAYANA MUDITHA ; ANTHONY GING ; RACHAEL MOORE ; PRICE ANDREW MARTIN ; NASR SAAD ; MOORE RACHAEL ; KWOK PHILIP ; MOORE RACHAEL ELIZABETH ; KWOK PHILIP R ; GING ANTHONY M ; GING ANTHONY ; GING ANTHONY MICHAEL ; ANDREW PRICE ; PRICE ANDREW M ; MUDITHA DANTANARAYANA ; MOORE RACHAEL E ; OZOLINS ANGELENE MARIE RESMED ; OZOLINS ANGELENE MARIE ; DANTANARAYANA MUDITHA PRADEEP ; KWOK PHILIP RODNEY

Inventor(s): NASR SAAD RESMED LTD ; NASR SAAD BELLA VISAT ; GING ANTHONY M BELLA VISTA ; DANTANARAYANA MUDITHA PRADEEP RESMED LTD ; OZOLINS ANGELENE

MARIE RESMED LTD ; GING ANTHONY M SUMMER HILL ; DANTANARAYANA MUDITHA PRADEEP RESMED LTD BELLA VISTA ; ANTHONY MICHAEL GING ; ANGELENE MARIE OZOLINS ; GING ANTHONY MICHAEL FOREST LODGE ; KWOK PHILIP R CHATSWOOD ; MUDITHA PRADEEP DANTANARAYANA ; OZOLINS ANGELENE MARIE RESMED LTD BELLA VISTA ; NASR SAAD RESMED LTD BELLA VISTA ; NASR SAAD BRIGHTON LE SANDS ; MOORE RACHAEL ELIZABETH WAVERLEY ; PRICE ANDREW MARTIN BAULKHAN HILLS ; GING ANTHONY M NORTH RYDE ; NASR SAAD NORTH RYDE

Agent(s): HALFORDS IP; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; VOSSIUS AND PARTNER; FLINT ADAM; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; DE ELZABURU ALBERTO; RYUKA AKIHIRO; RYUKA IP LAW FIRM; NIXON AND VANDERHYE PC; NIXON AND VANDERHYE P C

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

International class (IPC 8–9): A44B11/00 A44B11/26 A61B18/02 A61M11/00 A61M16/00 A61M16/06 A61M16/08 A61M16/16 A61M16/22 A62B18/00 A62B18/02 A62B18/08 A62B23/02 A62B9/00 A62B9/04 H01F7/02 (Advanced/Invention);
A61M16/08 (Advanced/Non–invention);
A61M16/00 A61M16/06 A61M16/10 A62B18/00 (Core/Invention);
A61M16/08 (Core/Non–invention)

International class (IPC 1–7): A61M16/00 A61M16/00 A61M16/06 A61M16/08 A62B18/00 A62B18/02 A62B18/08 A62B7/00 A62B9/00 A62B9/04

CPC: A61M16/0666 A61M16/0605 A44B11/266 A44D2203/00 A61M16/0816 H01F7/0263 A61M16/0057 A61M2016/0661 A61M16/0066 A61M16/22 A61M16/0683 A61M16/06 A61M16/0616 Y10T24/1959 Y10T24/32 A61M16/0875 A61M2206/14 A61M2210/0618 A62B18/084 A61M16/0622 A61M16/0633 A61M16/0694 A61M16/0825

European class: A44B11/26C A61M16/06 A61M16/06S A62B18/08B K44D203/00 K61M16/06A4 K61M16/06A4C K61M16/06S K61M16/08D K61M206/14 K61M210/06C K62B18/08B T01F7/02B4B

US class: 1/1 128/200.24 128/201.15 128/201.150S 128/201.17 128/201.170S 128/201.19 128/201.190S 128/201.22 128/201.220P 128/201.24 128/201.240S 128/201.25 128/201.250S 128/202.27 128/202.270P 128/202.270S 128/203.12 128/203.120S 128/203.22 128/203.220S 128/203.29 128/203.290S 128/204.15 128/204.150P 128/204.18 128/204.180S 128/205.11 128/205.25 128/205.250P 128/206.11 128/206.16 128/206.160S 128/206.17 128/206.170S 128/206.18 128/206.180S 128/206.21 128/206.210P 128/206.210S 128/206.23 128/206.230S 128/206.24 128/206.240S 128/206.26 128/206.260P 128/206.260S 128/206.27 128/206.270P 128/206.270S 128/206.28 128/207.11 128/207.110P 128/207.110S 128/207.12 128/207.13 128/207.130P 128/207.130S 24/303 24/66.1

Classification Explorer

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Abstract:
Source: US2003196655A A respiratory mask assembly for delivering breathable gas to a patient includes a frame having a main body and a side frame member provided on each lateral side of the main body. Each side frame member includes an integrally formed first connector portion. A headgear assembly is removably attachable to the frame. The headgear assembly has a second connector portion adapted to be removably coupled with the first connector portion provided on the frame. The second connector portion is manually movable to a releasing position to detach the headgear assembly from the frame. The headgear assembly is rotationally adjustable with respect to the frame.

0) US2011284283A – CABLE TRAY CABLE ROUTING SYSTEM

26) Family number: 49958061 (US2011284283A) © PatBase

Title: CABLE TRAY CABLE ROUTING SYSTEM

Priority: CN201180024074 20110518 EP20110722260 20110518 EP20110722261 20110518 EP20140183617 20110518 EP20110722262 20110518 EP20110722263 20110518 US20100346205P 20100519 US20110109661 20110517 US20110109625 20110517 US20110109648 20110517 US20110109635 20110517 WO2011US36926 20110518 WO2011US36923 20110518 US20140281392 20140519 WO2011US36956 20110518 WO2011US36957 20110518

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Probable Assignee: PANDUIT CORP

Assignee(s):(std)**:** BROUWER SHAUN P ; DAVIS DAVID R ; PANDUIT CORP ; HARTMAN SCOTT R ; NICOLI ROBERT ; RAMEY SAMUEL C ; WASZAK DENNIS J

Assignee(s): PANDUIT CORP TINLEY PARK

Inventor(s):(std)**:** BROUWER SHAUN P ; DAVIS DAVID R ; HARTMAN SCOTT R ; NICOLI ROBERT ; RAMEY SAMUEL C ; WASZAK DENNIS J

Inventor(s): WASZAK DENNIS J WHEATON ; RAMEY SAMUEL C NAPERVILLE ; NICOLI ROBERT GLENWOOD ; HARTMAN SCOTT R OAK FOREST ; BROUWER SHAUN P ST JOHN

Agent(s): WUESTHOFF AND WUESTHOFF PATENTANWAELTE PARTG MBB; ZIMMERMANN AND PARTNER PATENTANWAELTE MBB; SCHIWECK WEINZIERL KOCH GBR; ADVOTEC PATENT U RECHTSANWAELTE; MORRALL JONATHAN IAN MCLACHLAN; ROBERT A; CHRISTOPHER S; AIMEE E; MCVADY AIMEE E ET AL; MCCANN ROBERT A 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

International class (IPC 8–9): A47B55/02 F16B7/04 F16L3/00 F16L3/22 H02G3/04 H02G3/06 H02G3/08 H02G3/32 (Advanced/Invention)

CPC: H02G3/0608 Y10T403/3906 H02G3/0443 A47B55/02

European class: H02G3/04F1 H02G3/06B

US class: 1/1 174/481 248/235 248/251 248/49 248/49P 248/58 248/58P 248/68.1 403/188 403/188P

Classification Explorer

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Forward Citations: WO17156537, WO17151924, WO15200910, WO14123946, USD764897, USD764896, USD762455, USD758830, US9793693, US9788667, US9784938, US9723970, US9690065, US9644766, US9590398, US9447914, US9293899, US9263888, US9263864, US9146375, US9112340, US8950055, US8684319, US8424814, US2016320034, US2016261232, US2015313412, US2015078809, US2015071597, US2015060383, US2015030300, US2015023727, US2014224515, US2014216809, US2014130332, US2014103175, US2011284702, US2011284701, JP6169729, JP2016507212, CN105914672, CN105914671, CN105914670, CN104969430,

Abstract:
Source: US2011284283A A cable routing system formed from a tray with a plurality of transverse wires and a plurality of longitudinal wires. The transverse wires form a generally flat top portion with downwardly extending sidewalls. The longitudinal wires are positioned underneath the top portion, side longitudinal wires are positioned adjacent the downwardly extending sidewalls and bottom longitudinal wires are positioned at an end of each of the downwardly extending sidewalls. The transverse wires and the longitudinal wires form a grid with a plurality of openings for routing a plurality of cables. The cable routing system also includes a sidewall removablely secured to the tray to retain cables routed thereon and a corner radius device removablely secured to the tray to provide bend radius control to cables routed along intersecting cable trays.

27) Family number: 41116934 (US2008071200A) © PatBase

Title: METHODS AND SYSTEMS OF MOUNTING A VIBRATION MOTOR TO AN ADJUSTABLE BED

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Inventor(s): MARTIN B RAWLS MEEHAN ; THE DESIGNATION OF THE INVENTOR HAS NOT YET...

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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 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

International class (IPC 8–9): A47B7/02 A47B71/00 A47B91/02 A47C17/00 A47C17/04 A47C17/86 A47C19/00 A47C19/02 A47C19/04 A47C19/12 A47C20/04 A47C20/08 A47C21/00 A47C21/02 A47C21/04 A47C21/08 A47C23/34 A47C27/08 A47C27/10 A47C31/00 A47C31/12 A61G7/00 A61G7/002 A61G7/012 A61G7/015 A61G7/018 A61G7/05 A61G7/057 A61G7/075 A61H1/00 A61H23/00 A61H23/02 A61H23/04 F16B12/12 F16B12/52 F16B12/54 G01M1/38 G05B11/01 G05B13/00 G05B15/00 G05B15/02 G05B19/05 G05D1/02 G05D1/12 G06F19/00 G06F3/041 G08B5/00 G08C17/02 G10L21/00 H03K17/94 H04B3/60 H04M11/00 H04W4/00 (Advanced/Invention); A47C20/04 A61B5/00 A61B5/11 A61G7/002 A61G7/005 A61G7/012 A61G7/015 A61G7/05 A61G7/16 A61H23/02 A61H23/04 A61H9/00 (Advanced/Non–invention); A47B71/00 A47C17/00 A47C19/00 A47C20/00 A47C23/00 A47C27/08 A47C31/00 A61G7/002 A61G7/05 A61H1/00 G05D1/02 H03K17/94 H04B3/00 (Core/Invention); A47C20/00 (Core/Non–invention)

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European class: A47C20/04A A47C20/08 A47C21/00B A47C21/00D A47C21/04 A47C31/00R A61G7/002 A61G7/015 A61G7/018 A61G7/057K K61G203/12 K61G203/16 K61G203/34 K61G7/015 K61G7/057K K61H201/01A K61H201/01F10 K61H201/01F10A K61H201/01F10B K61H201/01F8 K61H201/01L2 K61H201/12C2 K61H201/50A K61H201/50C2 K61H201/50C2B K61H201/50C2C K61H201/50F10T K61H201/50F4 K61H201/50F6 K61H201/50S4L K61H201/50W K61H203/04F K61H23/02R K61H23/02R2 K61H23/04

US class: 1/1 128/845 318/16 318/16P 340/12.22 340/12.220P 340/12.5 340/12.500P 340/12.54 340/12.540P 340/12.540S 340/3.7 340/3.700P 340/3.9 340/3.900S 340/4.4 340/5.62 340/573 340/573.1 341/20 341/20P 345/173 379/102.01 379/102.010P 5/1 5/11 5/1P 5/400 5/412 5/412S 5/600 5/600P 5/613 5/613P 5/616 5/616P 5/616S 5/617 5/617P 5/618 5/618S 5/619 5/713 56/16 601/46 601/46P 601/49 601/49S 601/56 601/59 601/60 700/13 700/17 700/19 700/275 700/275P 700/282 700/301 700/302 700/64 700/65 700/66 700/83 704/275 704/E15.045 D6/361 D6/392 D6/718 D8/349 D8/370

Locarno class: 06/06 06/02 08/05

Classification Explorer

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Abstract:
Source: US2008071200A Aspects of this invention relate to an adjustable bed that may include a motor, including a housing with a flange, an adjustable mattress support having a lateral surface, and an opening with a perimeter disposed within the lateral surface; at least one bracket coupled to the mattress support providing a lateral support surface inside the perimeter of the opening, the lateral support surface shaped and sized to laterally support the flange such that the motor is positioned to impart vibration to a mattress on the mattress support; and a resilient material disposed between the flange and the lateral support surface to provide mechanical insulation therebetween.

0) US2015027204A – RESPIRATORY GAS HUMIDIFICATION SYSTEM

28) Family number: 54787764 (US2015027204A) © PatBase

Title: RESPIRATORY GAS HUMIDIFICATION SYSTEM

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AND PAYKEL HEALTHCARE LTD ; HARWOOD JONATHAN DAVID ; FISHER AND PAYKEL ; FISHER AND PAYKEL HEALTHCARE CO ; STROOBANT JOSH ; NORTH CHARLES CHRISTOPHER ; WILSON MATTHEW ROBERT ; MUNKELT KATJA ; MCCAULEY DAVID LEON ; PATEL SANJAY ; OOSTHUYSEN HELGARD ; STOKS ELMO BENSON ; MILLAR GAVIN WALSH ; VAN SCHALKWYK ANDRE ; SUJAU MAHRAN MAUMOON ; NORTON MYFANWAY JANE ANTICA ; MCDERMOTT GARETH THOMAS ; MAECKELBERGHE JACQUES FERNAND ; STANTON JAMES WILLIAM ; MCKENNA NICHOLAS JAMES MICHAEL ; SUJAU MAHRAN ; NORTH CHARLES ; MILLAR GAVIN ; WILSON MATTHEW ; STOKS ELMO ; MCCAULEY DAVID ; STOOBANT JOSH ; SCHALKWYK ANDRE VAN ; HOLYOAKE BRUCE GORDON ; EVANS STEPHEN DAVID ; HARWOOD JONATHAN ; FISHER AND PAYKEL LTD AND HARWOOD JONATHAN D AND MUNKELT KATJA AND D ANDREA DOMINIQUE R AND NORTH CHAR ; HOLYOAKE BRUCE ; EVANS STEPHEN ; FISHER AND PAYKEL HEALTHCARE CORP LTD ; FISHER AND PAYKEL HEATHCARE LTD ; OSBORNE HAMISH ; ORCHARD KIERAN MICHAEL ; SI PING ; TONKIN PAUL JAMES ; MCKENNA NICHOLAS ; MAECKELBERGHE THOMAS ; NORTON MYFANWY ; MCDERMOTT GARETH ; STANTON JAMES ; KWAN IAN LEE WAI

Assignee(s): STROOBANT JOSHUA DANIEL ; VADNERKAR ABHISHEK ; SANJAY PARAG PATEL ; OSBORNE HAMISH ADRIAN ; WAI IAN KWAN LEE ; JOSHUA DANIEL STROOBANT ; FISHER AND PAYKEL AND HARWOOD JONATHAN D AND MUNKELT KATJA AND D ANDREA DOMINIQUE R AND NORTH CHARLES C AND DOVER GRANT M AND SCHALKWYK ANDRE VAN AND PATEL SANJAY AND STOKS ELMO B AND BARKER DEAN A AND OOSTHUYSEN HELGARD AND STROOBANT JOSH AND BUSWELL... ; MATTHEW LIAM BUSWELL ; SANJAY PATEL ; MATTHEW ROBERT WILSON ; MAHRAN MAUMOON SUJAU ; NORTON MYFANWY JANE ANTICA ; SEEKUP PETER ALAN ; PARIS TESSA HAZEL ; SIMS CHRISTOPHER GARETH ; MARTIN MADELEINE BESS ; LANG RICHARD EDWARD ; VAN WORKUM STEFAN LEO ; KLENNER JASON ALLAN ; LAMBERT JONATHAN ANDREW GEORGE ; SHOU ADA YIWEN ; STAM SIMON MORDECHAI ; LIU HUANG KU ; VAUGHAN NICHOLAS EDWARD ; MANON BARRY SHACK ; LYONS EDWIN JOSEPH ; PORTER RACHAEL ; MAECKELBERGHE THOMAS JACQUES FERNAND ; LIU PO YEN DAVID ; SHVARCHUCK IGOR YEVGENIIOVICH ; PATEL SANJAY PARAG ; VADNERKAR ABHISHEK3653 RUE DE LA MONTAGNEMONTREALQ1H3G 2A7CA ; GRANT MARTIN DOVER ; IBRAHIM AL TIAY ; GAVIN WALSH MILLAR ; KATJA MUNKELT ; JOSH STROOBANT ; ELMO BENSON STOKS ; JONATHAN DAVID HARWOOD ; HELGARD OOSTHUYSEN ; FISHER AND PAYKEL LTD ; GRIFFITHS JOSEPH NATHANIEL ; GURM SANDEEP SINGH ; HAMILTON MARK SAMUEL ; KEMPS DAVID ROBERT ; ELSWORTH ADRIAN JOHN ; KEHOE JAMES OWEN ; JACKSON JOHN JAMES ; FISHER AND PAYKEL HEALTHCARE LTDO'HARE BUILDING15 MAURICE PAYKEL PLACE2013AUCKLANDNZ ; KEHOE JIM ; ANDRE VAN SCHALKWYK ; ANDRESEN MICHAEL JOHN ; BUCKLEY PAUL FLEMING ; BOGGS SAMUEL GRAHAM ; D ANDREA DOMINIQUE ; DOMINIQUE RICHARD D ANDREA ; CHARLES CHRISTOPHER NORTH ; DAVID LEON MCCAULEY ; CHRISTOPHER JAYE NORMAN AMADIO ; DEAN ANTONY BARKER ; CHEUNG DEXTER CHI LUN ; DE LA FUENTE FRANCISCO ERNESTO DE LA PENA ; CORRALES VICTOR ROSALES ; CHEUNG MAN KIT JACKY

Inventor(s):(std)**:** ALNASHI SINAA ; CUDDY HELEN ; EDWARDS THOMAS JAMES ; JACKSON JOHN JAMES ; KEHOE JIM ; LAMBERT JONATHAN ANDREW GEORGE ; LANG RICHARD EDWARD ; LIU PO YEN DAVID ; LYONS EDWIN JOSEPH ; MAECKELBERGHE JACQUES FERNAND ; MAN KIT JACKY CHEUNG ; MANON BARRY SHACK ; MARTIN MADELEINE BESS ; MCDERMOTT GARETH THOMAS ; MCKENNA NICHOLAS JAMES MICHAEL ; NORTH CHARLES CHRISTOPHER ; NORTON MYFANWAY JANE ANTICA ; NORTON MYFANWY JANE ANTICA ; ORCHARD KIERAN MICHAEL ; OSBORNE HAMISH ; OSTHUYSEN HELGARD ; PARIS TESSA HAZEL ; PATEL SANJAY PARAG ; PORTER RACHAEL ; SEEKUP PETER ALAN ; SHVARCHUCK IGOR YEVGENIIOVICH ; SI PING ; SIMS CHRISTOPHER GARETH ; STAM SIMON MORDECHAI ; STANTON JAMES WILLIAM ; STOKS ELMO BENSON ; SUJAU MAHRAN MAUMOON ; THOMAS JACQUES FERNAND MAECKELBERGHE ; TONKIN PAUL JAMES ; VADNERKAR ABHISHEK ; VAN WORKUM STEFAN LEO ; VAUGHAN NICHOLAS EDWARD ; WAI IAN KWAN LEE ; KLENNER JASON ALLAN ; KEMPS DAVID ROBERT ; KEHOE JAMES OWEN ; HOLYOAKE BRUCE GORDON ; HAMISH ADRIAN OSBORNE ; HAMILTON MARK SAMUEL ; GURM SANDEEP SINGH ; GRIFFITHS JOSEPH NATHANIEL ; GARETH MCDERMOTT ; EVANS STEPHEN DAVID ; ELSWORTH ADRIAN JOHN ; DE LA FUENTE FRANCISCO ERNESTO DE LA PENA ; CORRALES VICTOR ROSALES ; CHEUNG DEXTER CHI LUN ; BUCKLEY PAUL FLEMING ; BOGGS SAMUEL GRAHAM ; ANDRESEN MICHAEL JOHN ; WILSON MATTHEW ROBERT ; VAN SCHALKWYK ANDRE ; AL TIAY IBRAHIM ; VICTOR ROSALES CORRALES ; STEPHEN DAVID EVANS ; STEFAN LEO VAN WORKUM ; SIMON MORDECHAI STAM ; SANJAY PARAG PATEL ; SAMUEL GRAHAM BOGGS ; RACHAEL PORTER ; PO YEN LIU ; PAUL FLEMING BUCKLEY ; NICHOLAS JAMES MICHAEL MCKENNA ; NICHOLAS EDWARD VAUGHAN ; MICHAEL JOHN ANDRESEN ; MARK SAMUEL HAMILTON ; MAHRAN MAUMOON SUJAU ; LIU PO YEN ; JOSEPH NATHANIEL GRIFFITHS ; JONATHAN

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Inventor(s): CHRISTOPHER JAYE NORMAN AMADIO ; KEHOE JIMNZ ; JACKSON JOHN JAMESNZ ; LIU PO YEN DAVIDNZ ; SINAA ALNASHI ; PATEL SANJAY PARAGNZ ; OSBORNE HAMISHNZ ; NORTH CHARLES CHRISTOPHERNZ ; SANJAY PATEL ; KATJA MUNKELT ; JOSH STROOBANT ; JONATHAN DAVID HARWOOD ; GRANT MARTIN DOVER ; DOMINIQUE RICHARD D ANDREA ; DEAN ANTONY BARKER ; ANDRE VAN SCHALKWYK ; KIERAN MICHAEL ORCHARD ; IBRAHIM AL TIAY ; IAN KWAN LEE WAI ; HELGARD OOSTHUYSEN ; HELEN CUDDY ; MATTHEW ROBERT WILSON ; MATTHEW LIAM BUSWELL ; VADNERKAR ABHISHEK3653 RUE DE LA MONTAGNEMONTREALQ1H3G 2A7CA ; SUJAU MAHRAN MAUMOONNZ ; STOKS ELMO BENSONNZ ; SHVARCHUCK IGOR YEVGENIIOVICHNZ ; THOMAS JAMES EDWARDS ; STROOBANT JOSHUA DANIEL

Agent(s): BALDWINS INTELLECTUAL PROPERTY; ROBIC; CARTER STEPHEN JOHN; TREEBY PHILIP DAVID WILLIAM; NAGAI HIROSHI

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

International class (IPC 8–9): A61G11/00 A61M13/00 A61M16/00 A61M16/06 A61M16/08 A61M16/10 A61M16/16 A61M39/08 A61M39/10 A61M39/12 B29C53/78 F16L11/16 G01F1/69 G01F23/26 (Advanced/Invention); A61M16/00 (Advanced/Non–invention)

CPC: A61M2016/0039 A61M2205/3379 A61M2205/502 G01F23/26 G01F1/69 A61M16/0833 A61M16/108 A61M16/168 A61M2205/02 A61M2205/14 A61M2205/17 A61M2205/18 A61M2205/21 A61M2205/6018 A61M2205/6045 A61M2209/06 A61M2209/08 A61G2210/70 A61G2210/90 A61M2209/082 A61M2209/086 A61M2016/0027 A61M2016/1025 A61M2205/3389 A61M2205/505 A61M2205/6027 A61M2205/70 A61M16/0069 A61M16/06 A61M2205/60 A61M39/10 A61M2039/1022 A61M2205/3372 A61M16/0066 A61M16/0683 A61M16/0666 A61M16/0816 A61M39/08 A61M2207/00 A61M13/003 A61M39/12 A61M16/0866 A61M2205/123 A61M2205/0216 A61M2205/3334 B29C53/785 A61M16/0883 A61M16/1085 A61M2205/3653 A61M16/1045 A61M16/0003 A61B2562/16 A61M16/1095 A61G11/00 A61M16/0875 A61M16/161 A61M2016/0033 A61M2205/3368 A61M2205/50 A61M16/08 A61M16/0841 A61M2205/52 A61M16/16 A61M16/109

US class: 128/200.24 128/202.27 128/203.14 128/204.17 73/31.05

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Forward Citations: WO17157365, WO17095241, WO17043981, WO17036500, WO16209129, WO16204632, WO16198478, WO16125122, WO16094423, WO16080847, WO15142192, WO15060731, WO14111083, USD772388, US9707010, KR101751716, EP3119463, EP2968811, EP2928533, CN105664321,

Abstract:
Source: US2015027204A A humidification system comprises a first sensor and a second sensor. The first and second sensors are adapted to sense flow characteristics within the system. The first and second sensors are isolated from the flow by barriers formed by respective first and second sealing members. The sealing members extend through apertures formed in the system and have a portion that contacts the sensing elements of the respective first and second sensors. A cartridge can hold the sensors and provide repeatable penetration depths into a flow passage of the system. A medical tube has a composite structure made of two or more distinct components that are spirally wound to form an elongate tube. One component can be a spirally wound elongate hollow body; the other component can be an elongate structural component spirally wound between turns of the spirally wound hollow body.

0) US2011131914A – METHODS AND APPARATUS FOR RESTORING, REPAIRING,...

29) Family number: 44865017 (US2011131914A) © PatBase

Title: METHODS AND APPARATUS FOR RESTORING, REPAIRING, REINFORCING AND/OR PROTECTING STRUCTURES USING CONCRETE

Priority:
AU20100204442 20100107 AU20160202160 20160406 US20080101993P 20081001
CA20142748168 20140626 CA20102748168 20100107 EP20100729066 20100107
US20090143151P 20090107 US20090223378P 20090706 US20090173151P 20090427
US20100794607 20100604 US20100143315 20100107 US20100799631 20100427
US20130735909 20130107 US20130735882 20130107 WO2010CA00003 20100107
US20150611055 20150130 US20160145665 20160503

Family:

Publication number	Publication date	Application number	Application date
AU2010204442 AA	20100715	AU20100204442	20100107
AU2010204442 BB	20160107	AU20100204442	20100107
AU2016202160 AA	20160428	AU20160202160	20160406
CA2748168 AA	20110622	CA20102748168	20100107
CA2748168 C	20151215	CA20102748168	20100107
CA2853735 AA	20100715	CA20102853735	20100107
CA2853735 C	20160913	CA20102853735	20100107
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US2011131914 AA	20110609	US20100794607	20100604
US2011277410 AA	20111117	US20100143315	20100107
US2015191924 AA	20150709	US20150611055	20150130
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US8719337 BA	20140506	US20100799631	20100427
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US9172594 BA	20151027	US20130735909	20130107
US9178924 BA	20151103	US20130735882	20130107
US9273479 BB	20160301	US20100143315	20100107
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WO10037211 A1	20100408	WO2009CA01347	20091001
WO10078645 A1	20100715	WO2010CA00003	20100107

Probable Assignee: CFS CONCRETE FORMING SYSTEMS INC

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Inventor(s):(std)**:** FANG FI LI ; FANG ZI LI ; ISLAM JUNAID ; KRIVULIN SEMION ; RICHARDSON GEORGE DAVID ; SEMION KRIVULIN ; RICARDO ROSAS GRACIDA JORGE ; LI FANG ZI ; DAVID RICHARDSON GEORGE ; ROSAS GRACIDA JORGE RICARDO

Inventor(s): ROSAS GRACIDA JORGE RICARDO1105–6888 STATION HILL DRIVEBURNABYB1V3N 4X5CA ; RICHARDSON GEORGE DAVID2890 WEST 47TH AVENUEVANCOUVERB1V6N 3N7CA ; KRIVULIN SEMION1503–6333 KATSURA STREETRICHMONDB1V6Y 4L9CA ; FANG ZI LI7–365 GINGER DRIVENEW

WESTMINSTERB1V3L 5L5CA ; FANG FI LI7−365 GINGER DRIVENEW WESTMINSTERB1V3L 5L5CA

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; OYEN WIGGS GREEN AND MUTALA LLP; HOARTON LLOYD DOUGLAS CHARLES; AKA CHAN LLP; TODD A; GREEN AND MUTALA LLP; OYEN; RATTRAY TODD A 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

International class (IPC 8−9): B28B23/00 B32B13/12 B32B7/12 E02D37/00 E04B1/16 E04B1/38 E04B2/84 E04B2/86 E04F13/00 E04G11/06 E04G11/08 E04G11/32 E04G17/00 E04G21/02 E04G23/00 E04G23/02 G06F15/16 G06F15/173 H04L12/24 H04L29/06 (Advanced/Invention); E04B2/86 H04L12/46 H04L29/08 (Advanced/Non−invention); E04B2/86 E04G11/00 E04G23/02 (Core/Invention)

CPC: B28B11/04 B28B19/0046 E04B2/8664 E04B9/306 E04C3/083 E04C2003/0452 E04F13/002 E02D37/00 E04G23/02 H04L41/0213 H04L65/60 G06F17/30893 E04B2/8641 H04L12/4633 H04L67/1002 E04G23/0218 E04G23/0203

European class: B28B11/04 B28B19/00G E04B2/86L E04B9/30B1 E04C3/08B E04F13/00A E04G23/02 E04G23/02C P04B2/86G1 P04C3/04S3H

US class: 1/1 249/15 249/15S 52/426 52/426P 52/514.5 52/514.500P 52/698 52/698S 52/742.1 52/742.100S 52/742.14 52/742.140S 52/745.21 52/745.210S 709/203 709/222 709/230 713/150

Classification Explorer

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Abstract:
Source: US2011131914A Methods are provided for repairing an existing structure to cover at least a portion of the existing structure with a repair structure. Such methods comprise mounting one or more standoff retainers to the existing structure; coupling one or more standoffs to the standoff retainers such that the standoffs extend away from the existing structure; coupling one or more cladding panels to the standoffs such that the panels are spaced apart from the structure to provide a space therebetween; and introducing a curable material to the space between the panels and the existing structure, the panels acting as at least a portion of a formwork for containing the curable material until the curable material cures to provide a repair structure cladded, at least in part, by the panels. Corresponding apparatus for effecting such methods are also provided.

0) US2008175541A – HARDENED FIBER OPTIC CONNECTOR

30) Family number: 42046751 (US2008175541A) © PatBase

Title: HARDENED FIBER OPTIC CONNECTOR

Priority: AU20080207974 20080123 AU20140203344 20140619 US20070657402 20070124 EP20080728121 20080123 EP20120194278 20080123 AU20170204174 20170620 US20080333509 20081212 WO2008US51782 20080123 US20140323135 20140703 US20170498697 20170427

Family:

Publication number	Publication date	Application number	Application date
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WO08091937 A2	20080731	WO2008US51782	20080123
WO08091937 A3	20081016	WO2008US51782	20080123

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std): ADC TELECOMMUNICATIONS INC ; ADS TELEKOMM JUNIKEJSHNZ INK ; COMMSCOPE TECHNOLOGIES LLC ; REAGAN RANDY ; LU YU

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMSCOPE EMEA LTD ; ADC TELECOMMUNICATIONS INC EDEN PRAIRIE

Inventor(s):(std): LU YU ; RANDY REAGAN ; REAGAN RANDY ; YU LU ; RIGAN REHNDI ; LU JU

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; MURGITROYD AND CO; BOHNENBERGER JOHANNES; PARKER ANDREW JAMES; MERCHANT AND GOULD PC; BRUESS STEVEN C

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

International class (IPC 8–9): G02B6/36 G02B6/38 (Advanced/Invention); G02B6/00 G02B6/36 G02B6/38 (Core/Invention)

International class (IPC 1–7): G02B6/38 G02B6/44

CPC: G02B6/3816 G02B6/3869 G02B6/3887 G02B6/3821 G02B6/3877 G02B6/3879 G02B6/3825 G02B6/3893 G02B6/3894

European class: G02B6/38D2H G02B6/38D2N G02B6/38D8 S02B6/38D10A6L S02B6/38D14P S02B6/38D14S

US class: 385/55 385/60 385/62 385/72 385/77 385/78 385/86

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Abstract:
Source: US2008175541A The present disclosure relates to a fiber optic connector for use with a fiber optic adapter. The fiber optic connector includes a connector housing having an end defining a plug portion. A ferrule assembly is mounted at least partially within the connector housing. The ferrule assembly includes a ferrule

located at the plug portion of the connector housing. A sealing member is mounted about an exterior of the connector housing for providing a seal between the connector housing and the adapter. The fiber optic connector further includes first and second separate retaining mechanism for retaining the fiber optic connector within the fiber optic adapter.

31) Family number: 33994344 (US2006280408A) © PatBase

Title: CONNECTORIZED FIBER OPTIC CABLING AND METHODS FOR FORMING THE SAME

Priority:
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Family:

Publication number	Publication date	Application number	Application date
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US2006280408 AA	20061214	US20060438647	20060522
US2006280413 AA	20061214	US20060412616	20060427
US2009196553 AA	20090806	US20090423435	20090414
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US2010254659 AA	20101007	US20100818586	20100618
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US2016085037 AA	20160324	US20150959289	20151204
US7537393 BB	20090526	US20060438647	20060522
US7742667 BB	20100622	US20060412616	20060427
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US8718427 BB	20140506	US20100793877	20100604
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US9229174 BB	20160105	US20150625647	20150219
US9690057 BB	20170627	US20150959289	20151204
WO06135513 A1	20061221	WO2006US18027	20060510

Probable Assignee: COMMSCOPE INC

Assignee(s):(std): ANDERSON TIMOTHY W ; PASCHAL KEVIN S ; COMMSCOPE SOLUTIONS PROPERTIES ; HATCH NATHAN ; COMMSCOPE INC ; PASCHAL KEVIN ; CASE RICHARD L ; COMMSCOPE INC NORTH CAROLINA

Assignee(s): ALLEN TELECOM LLC ; COMMSCOPE SOLUTIONS PROPERTIES LLC ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL AGENT AS ; COMMSCOPE INC OF NORTH CAROLINA HICKORY ; COMMSCOPE TECHNOLOGIES LLC ; REDWOOD SYSTEMS INC ; COMMSCOPE INC OF NORTH CAROLINA ; ANDREW LLC (F K A ANDREW CORPORATION) ; ANDREW LLC F K A ANDREW CORP ; ANDREW LLC F K A ANDREW CORPORATION ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS

Inventor(s):(std)**:** CASE RICHARD L ; HATCH NATHAN ; ANDERSON TIMOTHY W ; PASCHAL KEVIN ; PASCHAL KEVIN S

Inventor(s): PASCHAL KEVIN S MURPHY ; CASE RICHARD ; HATCH NATHAN GRANITE FALLS ; KEVIN S PASCHAL ; NATHAN HATCH ; ANDERSON TIMOTHY

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; SIM AND MCBURNEY; MEISSNER BOLTE AND PARTNER GBR; POPP EUGEN ET AL; POPP EUGEN; PARKER ANDREW JAMES; MYERS BIGEL SIBLEY AND SAJOVEC; MYERS BIGEL SIBLEY AND SAJOVEC PA; MERCHANT AND GOULD PC

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

International class (IPC 8–9): G02B6/36 G02B6/38 G02B6/40 G02B6/44 (Advanced/Invention);
G02B6/44 (Advanced/Non–invention);
G02B6/38 G02B6/40 G02B6/44 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B 6/44

CPC: G02B6/443 G02B6/441 G02B6/3861 G02B6/3898 G02B6/3885 G02B6/3821 G02B6/3882 G02B6/3887 G02B6/3834

European class: G02B6/38D10G G02B6/38D12 G02B6/44C7A S02B6/38D10G S02B6/44C5

US class: 1/1 156/303.1 385/100 385/101 385/109 385/110 385/112 385/113 385/113P 385/54 385/55 385/56 385/58 385/59 385/60 385/62 385/66 385/68 385/69 385/75 385/76 385/77 385/78 385/81 385/84 385/86 385/87

Classification Explorer

Cited documents: WO9928773 A2, WO0133276 A1, USRE36592 E, US8992098 BB, US7758257 BB, US7742667 BB, US7537393 BB, US7280732 BB, US7149392 BB, US7010206 BA, US6987916 BB, US6971803 BB, US6934451 BB, US6922511 BB, US68849205 P, US6870996 BB, US6848838 BB, US6816663 BB, US6807347 BB, US6796721 BB, US6775444 BA, US6764221 BA, US6738555 BA, US6655433 BA, US6585421 BA, US6575640 BB, US6567592 BA, US6554487 BB, US6491445 BA, US6485196 BB, US6464408 BA, US6442318 BA, US6324324 BA, US6317543 BA, US6317542 BA, US6305850 BA, US6264374 BA, US6256438 BA, US6224269 BA, US6205277 BA, US6185352 BA, US6185351 BA, US6178278 BA, US6178278 B1, US6160939 A, US6108475 A, US6019521 A, US5913003 A, US5878182 A, US5867620 A, US5867046 A, US5857051 A, US5857046 A, US5838864 A, US5806175 A, US5771324 A, US5751879 A, US5745627 A, US5740295 A, US5739473 A, US5689090 A, US5684910 A, US5630003 A, US5611016 A, US5600097 A, US5475782 A, US5402512 A, US5252050 A, US5231685 A, US5171802 A, US5160569 A, US5125063 A, US5076881 A, US5073043 A, US4949894 A, US4893893 A, US4690498 A, US4659174 A, US4648688 A, US4626067 A, US4595839 A, US4515435 A, US4447121 A, US4337923 A, US4252407 A, US4102561 A, US4045121 A, US2008267569 AA, US2007183727 AA, US2007081774 AA, US2006280413 AA, US2006198595 AA, US2006159408 AA, US2006159407 AA, US2006093278 AA, US2006045452 AA, US2005244115 AA, US2005196113 AA, US2005053343 AA, US2004126069 AA, US2004052474 AA, US2003113079 AA, US2003091307 AA, US2003068147 AA, US2002164130 AA, JPS6392908, JPS5784405, JP9243886 A2, JP9243886, JP8005868 A2, JP6347670 A2, JP63167324 A2, JP63092908 A2, JP6118282 A2, JP60041011 A2, JP60041011, JP57084405 A2, JP5142454 A2, JP5142454, JP2005208430 A2, JP2005208430, JP2003140013 A2, JP2003140013, JP2002267881 A2, JP2002148481 A2, JP2002148480 A2, JP2001525557 T2, JP2000235132 A2, JP2000235132, FR2296190 A1, EP1310814 A1, EP1310814, EP1122566 A2, EP1039323 A1, EP0126509 A2, CN1185589 A,

Forward Citations: WO17142748, WO16102017, WO14164880, WO13172878, WO13103858, WO13025855, WO11155563, WO11053461, WO10042816, US9810851, US9791652, US9784925, US9746629, US9739966, US9733443, US9709756, US9690057, US9678290, US9669592, US9638869, US9625660, US9594226, US9581779, US9507102, US9494754, US9482839, US9435972, US9429732, US9417421, US9405084, US9354407, US9335503, US9316802, US9304275, US9268102, US9261658, US9229174, US9195018, US9188758, US9176295, US9176285, US9170390, US9164233, US9142925, US9140867, US9124048, US9097875, US9091830, US9081156, US9075215, US9075212, US9073779, US9046658, US8992098, US8989542, US8983254, US8961033, US8953916, US8934752, US8934747, US8913862, US8903212, US8876403, US8818156, US8805144, US8798417, US8750661, US8731352, US8727635, US8724947, US8718427, US8705921, US8702323, US8702317, US8623776, US8582941, US8565565, US8548293, US8542966, US8534928, US8500341, US8494328, US8463095, US8428406, US8391658, US8303193, US8275225, US8224141, US8221006, US8180190, US8107781, US7942591, US7806599, US7758257, US7751666, US7742667, US7717625, US7537393, US7469087, US7463803, US2017276890, US2017153403, US2017054505, US2017031120, US2016131857, US2016085037, US2015370026, US2015139594, US2014328560, US2014064669, US2014037256, US2013210286, US2013051745, US2012257858, US2012128303, US2012099819, US2012082416, US2011211793, US2011200291, US2011188821, US2011150398, US2011135816, US2011081119, US2010278492, US2010260459, US2010254663, US2010254659, US2010239216, US2010209059, US2010080525, US2009297104, US2009297102, US2009214167, US2009074363, US2009046981, US2007269172, US2007110384, US2006280408, KR100896619, JP5497544, JP5346778, JP2014529773, JP2014240865, JP2014035484, JP2011257603, JP2010156954, EP2705396, EP2705396, EP2219060, EP2219060, CN103733102, CN103492921, CN102754006, CN102754006, CN102597840, CN102472877, CN101957482, CN101876733, CN101876733, AU2015227475, AU2015203046, AU2012296501, AU2012229135, AU2010213493, AU2009302210,

Abstract:
Source: US2006280408A A connectorized fiber optic cabling assembly includes a loose tube fiber optic cable and a connector assembly. The cable has a termination end and includes: an optical fiber bundle including a plurality of optical fibers; at least one strength member; and a jacket surrounding the optical fiber bundle and the at least one strength member. The connector assembly includes a rigid portion and defines a fiber passage. The connector assembly is mounted on the termination end of the cable such that the optical fiber bundle extends through at least a portion of the fiber passage. The plurality of optical fibers of the optical fiber bundle have a ribbonized configuration in the rigid portion of the connector assembly and a loose, non−ribbonized configuration outside the rigid portion. The plurality of optical fibers undergo a transition from the ribbonized configuration to the loose, non−ribbonized configuration in the rigid portion of the connector assembly. According to some embodiments, the rigid portion of the connector assembly includes a rigid connector housing.

32) Family number: 32198456 (US2005189130A) © PatBase

Title: METHOD FOR TREATING ELECTRICAL CABLE AT SUSTAINED ELEVATED PRESSURE

Priority: EP20050724258 20050301 EP20050724261 20050301 US20050070393 20050301 US20050070390 20050301 US20040549262P 20040301 US20040549322P 20040301 WO2005US06678 20050301 US20090574051 20091006 WO2005US06674 20050301 WO2005US06675 20050301 US20120346292 20120109 US20050070818 20050301

Family:

Publication number	Publication date	Application number	Application date
AU2005218559 AA	20050915	AU20050218559	20050301
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CA2557167 C	20130430	CA20052557167	20050301
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CA2557169 C	20140715	CA20052557169	20050301
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DE602005038203 D1	20130418	DE200560038203T	20050301
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DK1744866 T3	20120910	DK20050724258T	20050301
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EP1782436 A4	20100714	EP20050724257	20050301
EP1782436 B1	20170531	EP20050724257	20050301
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KR101005175 B1	20110104	KR20067020266	20050301
KR20070001204 A	20070103	KR20067020263	20050301
KR20070012387 A	20070125	KR20067020265	20050301
KR20070012388 A	20070125	KR20067020266	20050301
US2005189130 AA	20050901	US20050070818	20050301
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US7195504 BB	20070327	US20050070393	20050301	
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US8656586 BB	20140225	US20120346292	20120109	
WO05084321 A2	20050915	WO2005US06674	20050301	
WO05084321 A3	20090319	WO2005US06674	20050301	
WO05084322 A2	20050915	WO2005US06675	20050301	
WO05084322 A3	20090409	WO2005US06675	20050301	
WO05084325 A2	20050915	WO2005US06678	20050301	
WO05084325 A3	20060309	WO2005US06678	20050301	

Probable Assignee: NOVINIUM INC

Assignee(s):(std)**:** NOVINIUM INC ; THEIMER ANTONY ROY ; THEIMER ANTHONY ROY ; BERTINI GLEN J ; BERTINI GLEN JOHN

Assignee(s): MIDCAP FINANCIAL TRUST ADMINISTRATIVE AGENT AS ; NOVINIUM INC22019 70TH AVENUE SOUTHKENTWA98032US ; NOVINIUM INC KENT

Inventor(s):(std)**:** ANTHONY ROY THEIMER ; ANTONY ROY THEIMER ; BERTINI GLEN JOHN ; GLEN J BERTINI ; THEIMER ANTHONY ROY ; THEIMER ANTONY ROY ; THEIMER ANTHONY R ; BERTINI GLEN J

Inventor(s): BERTINI GLEN ; THEIMER ANTHONY ; THEIMER ANTHONY ROY AUBURN ; THEIMER ANTHONY ROYUS ; BERTINI GLEN JUS ; BERTINI GLEN J TACOMA

Agent(s): GRIFFITH HACK; GOWLING LAFLEUR HENDERSON LLP; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; DAVIS WRIGHT TREMAINE LLP; DAVIS WRIGHT TREMAINE LLP SEATTLE; GEORGE C

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

International class(IPC 8–9)**:** B05D5/12 B29C45/14 G06F19/00 H01B13/00 H01B13/20 H01B13/32 H01B3/00 H01B7/00 H01B7/17 H01B7/18 H01B7/285 H01R13/523 H01R13/533 H01R24/00 H01R4/64 H01R4/70 H01R43/00 H02G15/18 (Advanced/Invention); H01R24/00 H01R4/64 (Advanced/Non–invention); H01R13/523 H01R13/533 H01R24/00 H01R4/64 H02G15/18 (Core/Invention)

International class(IPC 1–7)**:** B29C45/14 G06F19/00 H01B7/18 H01R24/0 H01R24/00 H01R4/64

CPC: Y10T29/49117 Y10T29/49123 Y10T29/49174 Y10T29/49181 Y10T29/49185 Y10T29/49197 H02G15/22 H02G15/24 H01R13/533 H01R13/523 H02G15/18 H01B7/285

European class: H01B7/285 H01R13/523 H01R13/533 H02G15/18

US class: 174/25.00C 174/25.00CP 174/25C 174/74R 264/262 264/349 29/825 29/825P 29/828 29/857 29/861 29/863 29/870 427/117 427/117S 427/118 427/118S 427/120 439/201 439/676 700/265 700/98

Classification Explorer

Cited documents: US8205326 BB, US7615247 BB, US7353601 BA, US7253217 BB, US7195504 BB, US6916193 BB, US6697712 BA, US6610932 BB, US6517366 BB, US6489554 BA, US6350947 BA, US6338637 BA, US6332785 BA, US6162491 A, US6005055 A, US5907128 A, US5876528 A, US5804767 A, US5796045 A, US5408047 A, US5372841 A, US5372840 A, US5279147 A, US5245133 A, US5231249 A, US5132495 A, US5115950 A, US5082449 A, US5069058 A, US5006286 A, US4978694 A, US4961961 A, US4959022 A, US4949393 A, US4946393 A, US4945653 A, US4943685 A, US4888886 A, US4870121 A, US4845309 A, US4840983 A, US4831214 A, US4766011 A, US4764232 A, US4723230 A, US4642415 A, US4621168 A, US4608306 A, US4545133 A, US4515426 A, US4512827 A, US4503283 A, US4484022 A, US4479690 A, US4477376 A, US4450318 A, US4403110 A, US4400429 A, US4375577 A,

US4372988 A, US4345783 A, US4332957 A, US4299713 A, US4212756 A, US4177097 A, US4174145 A, US4144404 A, US4144202 A, US3992569 A, US3961127 A, US3956420 A, US3945700 A, US3939882 A, US3883208 A, US3848451 A, US3846578 A, US3845450 A, US3823254 A, US3816641 A, US3810078 A, US3800017 A, US3717717 A, US3717716 A, US3457359 A, US3378628 A, US3248472 A, US3242255 A, US3218207 A, US3141060 A, US3036147 A, US2958844 A, US2938940 A, US2247671 A, US2080271 A, US2008223498 AA, US2008173467 AA, US2007169954 AA, US2007046668 AA, US2005192708 AA, US2005191910 AA, US2005189130 AA, US2004140119 AA, US2004097131 AA, US2002046865 AA, US2001030055 AA, GB870165 A, GB2037498 A1, EP92309362, EP0538008 A2, DE3149048 A1, DE314904 A,

Forward Citations: WO16131749, WO15036060, WO08091431, WO08088618, WO07087513, WO07087513, WO07027826, WO07027826, US9793029, US9708542, US9683740, US9580656, US9476547, US9359554, US9321965, US9312676, US9273250, US9273249, US9252585, US9249357, US9243186, US9238778, US9193915, US9193913, US9169439, US9122021, US9063186, US8911249, US8656586, US8572842, US8403690, US8205326, US8101034, US7976747, US7848912, US7777131, US7700871, US7683260, US7658808, US7658629, US7643977, US7621767, US7615247, US7611748, US7544105, US7538274, US7353601, US7344396, US7077800, US7077800, US2016276063, US2014318849, US2014070818, US2014037253, US2013196525, US2012315808, US2012102729, US2011171369, US2011045697, US2010122453, US2010095521, US2010070250, US2009209141, US2009203265, US2009176960, US2009133799, US2009118643, US2009114882, US2008223498, US2008173467, US2008169450, US2008160833, US2008156508, US2008124962, US2007169954, US2007054563, US2007049085, US2007046668, US2006058568, US2005192708, US2005191910, US2005189130, KR101324878, KR101165877, FR3032836, EP2441132, EP2441132, EP1984980, DE102012107406, CN106409389, CN103001155, CN101834387, AU2007208134,

Abstract:
Source: US2005189130A A method for enhancing the dielectric properties of an electrical cable segment having a central stranded conductor encased in a polymeric insulation jacket and an interstitial void volume in the region of the conductor, including filling the interstitial void volume with a dielectric property−enhancing fluid at a pressure below the elastic limit of the polymeric insulation jacket, and confining the fluid within the interstitial void volume at a residual pressure greater than about 50 psig, with the pressure being imposed along the entire length of the segment but below the elastic limit of the polymeric insulation jacket. Preferably, the residual pressure is sufficient to expand the interstitial void volume along the entire length of the cable segment by at least 5 percent.

0) US2012026573A – ELECTROCHROMIC WINDOW FABRICATION METHODS

33) Family number: 50551462 (US2012026573A) © PatBase

Title: ELECTROCHROMIC WINDOW FABRICATION METHODS

Priority:

CN201180058960	20111206	CN201280069715	20121211	US20100941882	20101108
US20110312057	20111206	US20100421154P	20101208	US20110326168	20111214
US20120431729	20120327	US20120456056	20120425	US20140152873	20140110
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US20120363769	20121211	US20140325290	20140707	WO2011US57916	20111026
WO2012US68950	20121211	WO2013US37644	20130422	US20140512297	20141010
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US20160219832	20160726	US20160226835	20160802	US20160217873	20160722
US20160364162	20161129	US20170597041	20170516		

Family:

Publication number	Publication date	Application number	Application date
CA2871047 AA	20141020	CA20132871047	20130422
CN103238107 A	20130807	CN201180057861	20111026
CN104114804 A	20141022	CN201280069715	20121211
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Probable Assignee: VIEW INC

Assignee(s):(std)**:** BHATNAGAR YASHRAJ ; BROWN STEPHEN C ; COLLINS MARK A ; DIXIT ABHISHEK ANANT ; SOLADIGM INC ; PARKER RONALD M ; ROZBICKI ROBERT T ; SHRIVASTAVA DHAIRYA ; VIEW INC ; PRADHAN ANSHU A ; WILBUR TRAVIS D ; VYU INK

Assignee(s): BANK OF NEW YORK MELLON TRUST CO NA ; BANK OF NEW YORK MELLON TRUST CO NA COLLATERAL AGENT AS ; VIEW INC195 SOUTH MILPITAS BOULEVARDMILPITASCA95035US

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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 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

International class (IPC 8–9): B26D3/06 B32B17/10 B32B3/04 B32B37/02 B32B37/14 B32B37/18 B32B38/00 B32B38/04 C03B33/02 E06B3/00 E06B3/24 E06B3/54 E06B3/66 E06B3/663 E06B3/667 E06B3/673 E06B3/677 E06B7/00 E06B7/28 E06B9/24 G02B1/14 G02F1/01 G02F1/03 G02F1/133 G02F1/1333 G02F1/1345 G02F1/15 G02F1/153 G02F1/155 G02F1/157 G02F1/161 G02F1/163 G03G13/00 G09G3/19 G09G3/38 H01R13/22 H01R13/62 H01R13/631 H01R13/64 H01R13/73 H01R24/76 H01R25/14 H01R41/00 H04N9/16

H05K13/00 H05K3/00 (Advanced/Invention);
B32B17/10 G02B1/14 H01R103/00 (Advanced/Non–invention);
E06B (Subclass/Invention)

CPC: H01R25/14 E06B3/66304 E06B7/28 H01R41/00 E06B3/6612 E06B3/673 E06B3/67391 E06B3/667 G02F1/13458 B32B38/0008 B32B38/105 B32B37/18 B32B2457/20 Y10T29/49117 H01R13/6315 H01R13/6205 H01R13/73 E06B7/00 E06B9/24 E06B2009/2464 Y10T29/49124 Y10T156/1052 Y10T156/1062 Y10T403/55 G02F1/1523 G02B1/14 Y10T403/7018 G02F1/155 B32B17/10128 B32B17/10183 B32B17/10697 B32B17/10908 B32B17/10917 B32B17/1099 B32B2333/12 B32B17/10055 B32B17/10513 B32B17/10174 E06B3/66314 E06B3/66328 E06B2003/6638 E06B2003/66385 E06B3/66333 H01R13/22 E06B2009/247 G02F1/133308 G02F2001/133311 E06B3/66352 E06B3/66 H01R24/76 E06B2009/2417 H01R2103/00 Y10T29/49004 G02F1/153 E06B3/6621 E06B3/6722 E06B9/00 G02F1/1345 H01R4/12 H01R12/79 G02F1/161 G02F1/1533 Y10T29/49002 Y10T83/0304 Y10T428/2419 Y10T428/24231 E06B3/66309 E06B3/67326 H01R25/162 G02F1/163 H01L25/075 G02F1/15

European class: B32B17/10C30 B32B17/10C4B4 B32B17/10E10B B32B17/10E40D64 B32B17/10G14 B32B17/10L16B B32B17/10L24 L32B333/12

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Classification Explorer

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Forward Citations: WO17106458, WO17075059, WO17008053, WO16111918, WO16105549, WO16100075, WO16086062, WO16018219, WO15195715, WO15195712, WO15120063, WO15103433, WO15100419, WO15095615, WO15084952, WO14205014, WO14166641, WO14082092, WO14078429, WO14072137, WO14029536, WO13163107, WO13158843, WO13148643, WO13138535, US9810017, US9782949, US9778532, US9728920, US9723723, US9703167, US9690162, US9674895, US9671665, US9663983, US9645465, US9645433, US9638978, US9638977, US9618819, US9606409, US9559461, US9523902, US9515201, US9513525, US9507232, US9482922, US9481598, US9477131, US9454056, US9454055, US9454053, US9442341, US9442339, US9436055, US9436054, US9423664, US9412290, US9403590, US9387648, US9365281, US9348192, US9341912, US9341909, US9281672, US9243442, US9234381, US9158173, US9142945, US9128346, US9110345, US9102124, US9081247, US9030725, US9019588, US8975789, US8864321, US8810889, US8711465, US8705162, US8643933, US8254013, US8213074, US2017167188, US2016377948, US2016154290, US2016138328, US2016097960, US2015338713, US2015337589, US2015243834, US2015118869, US2015103280, US2015077832, US2014340731, US2014247475, US2014192393, US2014039693, US2013256285, US2013194167, US2012327499, TWI600956, EP3087238, EP3034295, EP3011387, EP2841987, EP2831542, EP2825911, DE102013214249, CN105952357, CN104321696, CN104303010, CN104246594, CN104020596, CN104020596,

Abstract:
Source: US2012026573A Methods of manufacturing electrochromic windows are described. An electrochromic device is fabricated to substantially cover a glass sheet, for example float glass, and a cutting pattern is defined based on one or more low−defectivity areas in the device from which one or more electrochromic panes are cut. Laser scribes and/or bus bars may be added prior to cutting the panes or after. Edge deletion can also be performed prior to or after cutting the electrochromic panes from the glass sheet. Insulated glass units (IGUs) are fabricated from the electrochromic panes and optionally one or more of the panes of the IGU are strengthened.

34) Family number: 43347531 (US2009156926A) © PatBase

Title: INTEGRATED SYSTEM FOR INTRAVASCULAR PLACEMENT OF A CATHETER

Priority:

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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 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

International class (IPC 8–9): A61B A61B10/02 A61B10/06 A61B17/34 A61B19/00 A61B19/08 A61B19/10 A61B34/00 A61B34/10 A61B34/20 A61B46/00 A61B46/10 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/042 A61B5/044 A61B5/0472 A61B5/0478 A61B5/0492 A61B5/05 A61B5/055 A61B5/06 A61B5/083 A61B6/00 A61B8/00 A61B8/08 A61B8/12 A61B8/13 A61B8/14 A61B90/00 A61B90/11 A61B90/40 A61B90/98 A61M25/00 A61M25/01 A61M25/06 A61M25/095 A61M37/00 A61M5/32 A61N1/00 (Advanced/Invention);
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US class: 1/1 128/849 128/849S 128/852 128/852S 600/374 600/374P 600/407 600/407S 600/409 600/409P 600/409S 600/422 600/423 600/424 600/424P 600/462 600/509 600/509P 600/509S 600/521 600/523 600/585 600/585S 604/158 604/272 604/272S 604/523 604/523P 604/528 604/528S 606/130 607/116 607/122

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Abstract:
Source: US2009156926A An integrated catheter placement system for accurately placing a catheter within a patient'vasculature is disclosed. In one embodiment, the integrated system comprises a system console, a tip location sensor for temporary placement on the patient's chest, and an ultrasound probe. The tip location sensor senses a magnetic field of a stylet disposed in a lumen of the catheter when the catheter is disposed in the vasculature. The ultrasound probe ultrasonically images a portion of the vasculature prior to intravascular introduction of the catheter. The ultrasound probe includes user input controls for controlling use of the ultrasound probe in an ultrasound mode and use of the tip location sensor in a tip location mode. In another embodiment, ECG signal−based catheter tip guidance is included in the integrated system to enable guidance of the catheter tip to a desired position with respect to a node of the patient's heart.

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Title: MEDICAL TREATMENT SYSTEM AND METHODS USING A PLURALITY OF FLUID LINES

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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 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

International class (IPC 8–9): A61M1/10 A61M1/14 A61M1/16 A61M1/28 A61M1/30 A61M1/36 A61M39/10 A61M39/20 A61M39/22 A61M39/28 A61M5/168 A61M5/44 A61N1/30 F04B43/02 F16L53/00 F17D1/00 G01J1/42 G01N1/42 G01N21/85 G01N21/88 G01V8/20 H02J7/00 H05B1/02 (Advanced/Invention)

CPC: F04B43/02 F17D1/00 F16L53/00 H02J7/007 A61M1/281 A61M39/1011 A61M39/105 A61M2205/3379 A61M2209/08 A61M39/20 Y10T137/6416 Y10T137/85978 A61M39/28 A61M5/16813 A61M39/281 A61M2205/502 A61M2205/127 A61M1/3656 A61M2205/12 A61M2205/13 A61M2205/14 A61M2205/3306 A61M1/16 A61M2205/3673 A61M2205/3331 A61M39/22 A61M1/1037 A61M1/106 A61M2205/3396 A61M2205/6063 A61M2205/3389 A61M2205/6072 A61M2205/702 A61M2205/18 A61M2205/581 A61M2205/583 A61M2205/52 G01V8/20 A61M1/166 A61M2205/3334 A61M1/28 A61M1/1664 A61M2205/3368 A61M2205/36 A61M1/1006 A61M1/1012 A61M1/1062 A61M1/1086 A61M1/1087 A61M1/1096 A61M2039/1066 A61M1/282 A61M1/288 A61M2205/122 A61M2205/128 A61M2205/15 A61M2205/50 A61M2205/8212 H05B1/025

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Forward Citations: WO17161319, WO17125445, WO17125382, WO17095636, WO17055109, WO16039822, WO16034287, WO15188154, WO15174420, WO15174419, WO15170930, USD732663, US9801993, US9724458, US9717834, US9713667, US9700711, US9687385, US9677554, US9649418, US9642737, US9624915, US9616172, US9610392, US9603985, US9597442, US9593679, US9561323, US9561318, US9561317, US9555179, US9539379, US9535021, US9517295, US9500188, US9476795, US9433734, US9421314, US9366781, US9364655, US9358332, US9345830, US9333286, US9308321, US9302037, US9272082, US9248225, US9198620, US9192509, US9180240, US9132222, US9115708, US9101709, US9078971, US9066781, US9028691, US9028440, US9022969, US9011114, US8992777, US8992189, US8992075, US8986254, US8985133, US8964406, US8936720, US8932032, US8926835, US8888470, US8870549, US8840581, US8837104, US8797714, US8721884, US8721883, US8721879, US8708950, US8631683, US8562834, US8545698, US8499780, US8491184, US8459292, US8393690, US8366655, US2017239084, US2017092227, US2015355789, US2015342777, US2015306293, US2015277733, US2014277614, US2014236087, US2014216560, US2014160715, US2014097303, US2013211378, US2013132977, US2012289928, US2012215159, US2012212455, US2012071815, US2011152628, US2011125085, US2011106002, US2011098635, US2011092894, US2011092893, JP5945368, JP2016147117, JP2015213642, EP3153192, EP3132816, EP3034112, EP2953665, DE102015117095, DE102015010431, CN103830791,

Abstract:
Source: US2012123322A A medical treatment system, such as peritoneal dialysis system, may include control and other features to enhance patient comfort and ease of use. For example, a peritoneal dialysis system may include patient line state detector for detecting whether a patient line is primed before it is to be connected to the patient. The patient line state detector can also the ability to detect whether a patient line has been properly mounted for priming. Both patient line presence/absence and fill state can be determined using an optical system, e.g., one that employs a single optical sensor.

36) Family number: 45554502 (US2010159829A) © PatBase

Title: TIGHTLY–COUPLED NEAR–FIELD COMMUNICATION–LINK CONNECTOR–REPLACEMENT CHIPS

Priority:

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Assignee(s): KEYSSA INC CAMPELL

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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 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

International class (IPC 8–9): F01C1/348 F01C1/356 F01C1/40 F01C21/08 F01C21/10 F03C2/30 F03C4/00 F04C18/00 F04C18/40 F04C2/00 F04C2/348 F04C2/356 F04C2/40 G01D5/12 G01R27/26 G01S11/02 G01S13/04 G01S13/08 G06F1/16 G06F1/18 G06F13/00 G06F13/40 G06F13/42 G06F3/12 G06F3/14 G06K19/07 G06K19/077 G09G3/20 G09G5/00 H01F38/14 H01F7/02 H01L23/00 H01L23/12 H01L23/31 H01L23/495 H01L23/498 H01L23/66 H01L25/065 H01P3/12 H01P3/127 H01P3/16 H01P5/02 H01Q1/12 H01Q1/22 H01Q1/24 H01Q1/38 H01Q1/48 H01Q1/50 H01Q13/02 H01Q19/02 H01Q19/18 H01Q23/00 H01Q7/00 H01Q9/26 H01R11/30 H01R13/62 H01R13/631 H01R13/64 H01R13/646 H02J17/00 H02J50/10 H02J50/80 H03M3/02 H04B1/04 H04B1/38 H04B1/40 H04B1/401 H04B1/44 H04B13/00 H04B14/02 H04B14/06 H04B17/00 H04B17/309 H04B17/318 H04B5/00 H04B5/02 H04B7/00 H04B7/08 H04B7/24 H04J3/16 H04J3/24 H04L12/00 H04L12/12 H04L12/46 H04L25/02 H04L25/40 H04L25/49 H04L27/00 H04L27/04 H04L29/02 H04L29/06 H04L5/14 H04L9/32 H04Q5/22 H04R3/00 H04W12/08 H04W4/00 H04W4/02 H04W52/02 H04W76/02 H04W76/04 H04W8/00 H05K1/02 H05K9/00 (Advanced/Invention);
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H04B5/00 (Core/Invention)

CPC: H01L2223/6677 H04B7/00 H04W76/043 H01Q1/50 G09G2370/12 G06F1/1622 G06F1/1654 G06F1/1681 G06F1/1698 H01Q13/02 F01C1/3566 H04L25/4902 H01R13/6205 H04R3/00 H04W8/085 H01L2924/00 H01L2224/49 H04B1/04 H04W76/02 H04W8/005 H04L25/40 H04W4/023 H01L23/49816 H01L23/49861 H01L24/48 H01L24/49 H01L2224/16225 H01L2224/16245 H01L2224/32225 H01L2224/32245 H01L2224/48091 H01L2224/48227 H01L2224/48247 H01L2224/49113 H01L2224/73204 H01L2924/09701 H01L2924/10253 H01L2924/13091 H01L2924/15311 H01Q7/00 H01Q9/26 H04L67/2823 H04W4/008 H04L67/06 H04L69/08 H04L2463/101 G06F13/4027 H04L12/12

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European class: G01S13/04 G01S13/08 H01L23/498L H01L23/66 H01Q7/00 H01Q9/26 H04B14/02 H04B5/00P2 H04B5/02 H04L25/49A H04L27/04 T01L23/498C4

US class: 1/1 307/104 327/291 332/106 333/239 333/24R 340/539.1 340/568.1 340/572.2 340/572.4 340/572.8 341/173 341/20 342/118 342/386 343/833 343/905 345/520 361/679.01 361/679.09 361/679.27 370/277 370/474 375/259 375/295 381/117 418/143 439/246 439/39 455/113 455/39 455/41.1 455/41.2 455/552.1 455/67.11 455/90.2 455/90.3 713/168 726/3 726/4

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Abstract:
Source: US2010159829A Tightly−coupled near−field transmitter/receiver pairs are deployed such that the transmitter is disposed at a terminal portion of a first conduction path, the receiver is disposed at a terminal portion of a second conduction path, the transmitter and receiver are disposed in close proximity to each other, and the first conduction path and the second conduction path are discontiguous with respect to each other. In some embodiments of the present invention, close proximity refers to the transmitter antenna and the receiver antenna being spaced apart by a distance such that, at wavelengths of the transmitter carrier frequency, near−field coupling is obtained. In some embodiments, the transmitter and receiver are disposed on separate substrates that are moveable relative to each other. In alternative embodiments, the transmitter and receiver are disposed on the same substrate.

0) US2015190155A – CLOT RETRIEVAL SYSTEM

37) Family number: 57887196 (US2015190155A) © PatBase

Title: CLOT RETRIEVAL SYSTEM

Priority:

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Family:

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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 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

International class(IPC 8–9): A61B17/00 A61B17/12 A61B17/22 A61B17/221 A61B6/00 A61B6/12 A61B90/00 A61D1/00 A61F2/01 A61L31/02 A61L31/04 A61M25/00 A61M25/01 A61M29/00 A61M5/00 B23K1/00 B23K26/38 B23K26/40 B23K31/02 (Advanced/Invention); A61B17/00 A61B17/22 A61B90/00 B23K101/06 (Advanced/Non–invention)

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Abstract:
Source: US2015190155A The invention relates to systems for removing obstructions and other objects within a blood vessel or other interior lumen of an animal. The system may be deployed in the lumen from a catheter and includes a pull wire having a proximal end and a distal end, and a distal body having a proximal hub, a basket, and a distal hub. In some embodiments, the distal body includes a plurality of proximal strips that form a closeable claw that is used to capture the obstruction. In other embodiments, the basket includes an enlarged opening that allows the object to enter the basket. Optionally, the basket includes x–ray markers adjacent to the enlarged openings to allow the operator to locate the openings, as well as twisting strips that connect the basket to the proximal hub. The present invention also relates to methods of making and using such systems.

0) US2005272975A – IN–VIVO VISUALIZATION SYSTEM

38) Family number: 32289214 (US2005272975A) © PatBase

Title: IN–VIVO VISUALIZATION SYSTEM

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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WILLIAM ; MCWEENEY JOHN ; MARK L ADAMS ; HALL TODD ; HALL TODD A GOSHEN ; JAMES F SCHUERMAN ; JOHN B GOLDEN ; KEVIN M RICHARDSON ; GRAVES DAVID MICKEY MESA ; CHIN YEM BURLINGTON ; GOLDEN JOHN B NORTON ; GRAVES DAVID ; FREED DAVID I WESTBOROUGH ; FURNISH GREGORY ; FARRIS JESSE LEONARD ANDOVER ; FARRIS JESSE LIII ; CHU MICHAEL S H BROOKLINE ; CHU MICHAEL SH ; DAVID I FREED ; DAVID W ROBERTSON ; CARRILLO OSCAR RJR ; CARRILLO OSCAR R ; CARILLO OSCAR R JR ATTLEBORO ; CARILO OSCAR R ; BOUTILLETTE MICHAEL P SUNNYVALE ; ADAMS MARK L PARK CITY ; BOUTILLETTE MICHAEL

Agent(s): FPA PATENT ATTORNEYS PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FB RICE; FB RICE PTY LTD; SMART AND BIGGAR; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; VOSSIUS AND PARTNER; JUNGBLUT BERNHARD JAKOB ET AL; JUNGBLUT AND SEUSS; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; DE ELZABURU ALBERTO; ONDA MAKOTO; ONDA HIRONORI; CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC; CHRISTENSEN OCONNOR JOHNSON KINDNESS PLLC; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; BOOKOFF MCANDREWS PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT 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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/005 A61B1/008 A61B1/012 A61B1/015 A61B1/018 A61B1/04 A61B1/05 A61B1/06 A61B1/07 A61B1/273 A61B1/303 A61B1/307 A61B1/31 A61B17/32 A61B5/00 A61B6/06 A61M25/00 A61M25/01 A61M25/06 A61M25/092 G02B23/24 (Advanced/Invention); A61B1/00 A61B1/005 A61B1/012 A61B1/04 A61M25/01 G02B23/24 (Core/Invention)

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CPC: A61B1/0125 A61M25/0009 A61M25/005 A61M25/0136 A61M25/0147 A61M25/0152 A61B1/0014 A61B1/0057 A61M25/0662 A61B1/00154 A61B1/273 A61B1/307 A61B1/008 A61B1/0051 A61B1/04 A61B1/00133 A61B1/00071 A61B1/00103 A61B1/00135 A61B1/00165 A61B1/0052 A61B1/015 A61B1/0607 A61B1/07 A61B2090/061 A61B2090/306 A61B2090/3614 A61B2090/3937 A61B1/05 A61B1/00096 A61B1/00117 A61B6/06 A61M25/0068 A61B1/018

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Abstract:
Source: US2005272975A Several embodiments of the present invention are generally directed to medical visualization systems that comprise combinations of disposable and resuable components, such as catheters, functional handles, hubs, optical devices, etc. Other embodiments of the present invention are generally directed to features and aspects of an in−vivo visualization system that comprises an endoscope having a working channel through which a catheter having viewing capabilities is routed. the catheter may obtain viewing capabilities by being constructed as a vision catheter or by having a fiberscope or other viewing device selectively routed through one of its channels. The catheter is preferably of the steerable type so that the distal end of the catheter may be steered from its proximal end as it is advanced with the body. A suitable use for the in−vivo visualization system includes but is not limited to diagnosis and/or treatment of the duodenum, and particularly the biliary tree.

0) US2014064665A – FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AN...

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Title: FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING

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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 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

International class (IPC 8–9)**:** B29D11/00 G02B G02B6/00 G02B6/02 G02B6/255 G02B6/36 G02B6/38 G02B6/40 (Advanced/Invention); B29D11/00 G02B6/255 (Advanced/Non–invention); G02B6/38 (Core/Invention)

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Abstract:
Source: US2014064665A A fiber optic cable and connector assembly including a fiber optic connector mounted at the end of a fiber optic cable. The fiber optic connector includes a ferrule assembly including a stub fiber supported within a ferrule. The stub fiber is fusion spliced to an optical fiber of the fiber optic cable at a location within the fiber optic connector.

40) Family number: 32626886 (US2006036246A) © PatBase

Title: DEVICE AND METHOD FOR CORRECTING A SPINAL DEFORMITY

Priority:

US20040598882P	20040803	US20050196952	20050803	US20050197041	20050803
US20050197037	20050803	US20050197566	20050803	US20050197569	20050803
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Family:

Publication number	Publication date	Application number	Application date
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US2006036256 AA	20060216	US20050197041	20050803
US2006036259 AA	20060216	US20050197037	20050803
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US2010100133 AA	20100422	US20090645305	20091222
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US2012089186 AA	20120412	US20110277629	20111020
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US8043345 BB	20111025	US20090645305	20091222
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WO06017641 A2	20060216	WO2005US27692	20050803
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Probable Assignee: K2M INC

Assignee(s):(std)**:** ALBANY MEDICAL COLLEGE ; CARL ALAN L ; CARL ALLEN L ; SACHS DAN ; ROSENBERG MEIR ; VERTECH INNOVATIONS L L C ; SPINE INC K ; KSPINE INC ; K2M INC ; VERTECH INNOVATIONS LLC

Assignee(s): SILICON VALLEY BANK ADMINISTRATIVE AGENT AS ; KNOBBE MARTENS OLSON AND BEAR LLP ; VERTECH INC ; K SPINE INC

Inventor(s):(std)**:** CARL ALAN L ; CARL ALLEN L ; ROSENBERG MEIR ; SACHS DAN

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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 KM KP KR KZ LC LK LR LS LT LU LV 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

International class (IPC 8–9): A61B17/58 A61B17/70 A61B17/88 A61F2/30 A61F2/44 A61F5/00 (Advanced/Invention); A61B17/02 A61B17/56 A61B17/68 A61B90/00 A61F2/30 B33Y80/00 (Advanced/Non–invention); A61B17/58 A61B17/70 A61B17/88 A61F2/30 A61F2/44 A61F5/00 (Core/Invention)

CPC: A61B17/562 A61B17/7065 A61B2562/02 A61B2017/561 A61B2017/564 A61F2/442 A61F2002/30411 A61F2002/30507 A61F2002/3055 A61F2002/30566 A61F2002/30583 A61F2002/30601 A61F2002/30663 A61F2002/30677 A61F2002/30874 A61F2002/30932 A61F2210/0085 A61F2220/0025 A61F2310/00011 A61F2310/00179 A61F2/4405 A61B17/70 A61F2002/30079 A61F2002/30242 A61F2002/30563 A61F2002/30579 A61F2002/30642 A61F2002/30841 A61F2210/009 A61F2230/0071 A61B2017/681 A61B17/7067 A61B17/7053 A61B17/7064 B33Y80/00 A61B17/7004 A61B17/707 A61B2017/0256 A61B2090/064

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Abstract:
Source: US2006036246A A device and method for correcting a spinal deformity are provided.

0) US2004042849A – UTILITIES ACCESS CLOSURE

41) Family number: 30349318 (US2004042849A) © PatBase

Title: UTILITIES ACCESS CLOSURE

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Family:

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Abstract:
Source: US2004042849A A concrete lid for an in−ground utilities box includes a plastic reinforcement structure filled with concrete. The plastic reinforcement structure includes one or more plastic sidewalls that protect the edges of the lid from damage. The upper and lower surfaces of the lid are exposed concrete (with the exception of the upper and lower edges of the one or more plastic sidewalls). The one or more plastic sidewalls laterally surround a plastic reinforcement grid, which is centrally located between the upper and lower edges of the one or more plastic sidewalls. The one or more plastic sidewalls can be integrally formed with the plastic reinforcement grid. The plastic reinforcement grid reinforces the concrete lid, eliminating the need for separate reinforcement material. Support struts can be used to support the plastic reinforcement grid while wet concrete is being poured into the plastic reinforcing structure.

42) Family number: 44581228 (US2011212633A) © PatBase

Title: CONNECTOR WITH IMPEDANCE TUNED TERMINAL ARRANGEMENT

Priority:

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Agent(s):

STEPHEN L; CLARENCE R; JEFFREY K; SHELDON STEPHEN L ET AL; SHELDON STEPHEN L

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 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

International class (IPC 8–9): H01R11/03 H01R12/00 H01R12/14 H01R12/16 H01R12/30 H01R12/51 H01R12/58 H01R12/70 H01R12/71 H01R12/72 H01R12/73 H01R13/02 H01R13/40 H01R13/46 H01R13/506 H01R13/508 H01R13/514 H01R13/516 H01R13/518 H01R13/60 H01R13/62 H01R13/627 H01R13/629 H01R13/631 H01R13/639 H01R13/646 H01R13/6477 H01R13/648 H01R13/652 H01R13/658 H01R13/6581 H01R13/659 H01R13/6594 H01R13/66 H01R13/717 H01R13/73 H01R23/6873 H01R24/00 H01R24/04 H01R24/28 H01R24/60 H01R24/66 H01R27/02 H01R4/50 H01R4/66 H01R9/03 H05K7/00 H05K9/00 (Advanced/Invention); H01R107/00 H01R9/03 (Advanced/Non–invention); H01R12/00 H01R13/658 (Core/Invention); H01R13/02 (Core/Non–invention)

International class (IPC 1–7): H01R12/16 H01R13/518 H01R13/631 H01R13/658

CPC: H01R12/716 H01R9/038 H01R13/6594 H01R24/00 H01R13/506 H01R9/03 H01R13/508 H01R13/6275 H01R13/65802 H01R13/659 H01R13/6658 H01R2107/00 H01R24/60 H01R13/46

European class: H01R13/508 H01R13/627D H01R13/658B H01R13/659 H01R13/66D2 H01R23/72K H01R24/60 H01R9/03S5 T01R9/03

US class: 1/1 174/377 174/377S 248/309.1 248/309.100S 361/816 439/108 439/345 439/345P 439/350 439/352 439/497 439/527 439/527P 439/579 439/607.01 439/607.010P 439/607.05 439/607.06 439/607.07 439/607.08 439/607.13 439/607.39 439/625 439/626 439/626P 439/626S 439/638 439/660 439/660P 439/676 439/676P 439/76.1 439/95 439/95P

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Forward Citations: WO16175795, WO16130676, WO15095869, WO15006396, WO13185305, WO13166380, WO13095628, WO12026972, WO11140438, WO11140438, USD765036, USD750031, USD750028, USD750027, USD740757, USD733061, USD733060, USD733059, USD732479, USD718250, USD718249, USD718248, USD718244, USD718243, US9799981, US9793648, US9787028, US9780458, US9761974, US9748713, US9711911, US9711894, US9686877, US9666965, US9660383, US9660333, US9640906, US9634436, US9627818, US9615492, US9608348, US9590362, US9583851, US9553381, US9525245, US9515421, US9502845, US9496645, US9490558, US9484673, US9484671, US9468103, US9461404, US9461392, US9450360, US9435855, US9397444, US9391407, US9391378, US9385487, US9385455, US9362678, US9312618, US9300088, US9287640, US9257794, US9246262, US9246251, US9214768, US9209583, US9203171, US9197019, US9160123, US9142927, US9142921, US9118144, US9093794, US9083130, US9077107, US9065230, US9065193, US9054432, US9033738, US9011177, US8998651, US8979558, US8979553, US8961196, US8926377, US8845364, US8821168, US8770990, US8753145, US8740646, US8734187, US8727793, US8678839, US8657631, US8641456, US8597055, US8597052, US8591260, US8585426, US8573853, US8562369, US8550848, US8506331, US8506174, US8480432, US8465302, US8449312, US8439706, US8342881, US8333614, US8251735, US2017133780, US2017117645, US2017047688, US2016322758, US2016197424, US2016197423, US2016190747, US2016149332, US2016126668, US2016072229, US2016056580, US2016013596, US2015295358, US2015249296, US2015222056, US2015171557, US2015137848, US2015104980, US2015093939, US2015093078, US2015038004, US2015017841, US2014295704, US2014273547, US2014248796, US2014242844, US2014199874, US2014199862, US2014162498, US2014073173, US2013344728, US2013330940, US2013323970, US2013237092, US2013231011, US2013196550, US2013171844, US2013164970, US2013094153, US2013065454, US2013045642, US2013017726, US2013017723, US2012264325, US2012230700, US2012214350, US2012214345, US2012214324, US2012058665, US2012045920, US2012034820, US2012002925, US2011318945, US2011300749, US2011294347, US2011269338, US2011230104, US2011212633, US2011183535, US2010124851, TWI593172, TWI549381, TWI533536, TWI484705, TWI464966, KR101330557, JP6186084, JP6105113, JP2017500711, JP2016525772, JP2016509354, JP2016146352, FR3033542, EP2706624, EP2667454, CN105580210, CN105580210, CN105098416, CN105098416, CN105048222, CN105048222, CN104882703, CN104882703, CN104813545, CN104716507, CN104466442, CN104283012, CN104283012, CN104124550, CN104124550, CN104103956, CN104103956, CN104022404, CN103928793, CN103928793, CN103928777, CN103887655, CN103887655, CN103887645, CN103858284, CN103858284, CN103855530, CN103855530, CN103840300, CN103794953, CN103515768, CN103515768, CN103384037, CN103384037, CN103329358, CN103329358, CN103091798, CN102986091, CN102906947, CN102906947, CN102904119, CN102802386, CN102802386, CN102651521, CN102651521, CN102637973, CN102570099, CN102570099, CN102522655, CN102403605, CN102280776, CN102280776, CN102177616,

Abstract:
Source: US2011212633A A connector housing includes a plurality of wafers containing terminal dedicated to either ground signals or differential signals. Terminals in adjacent wafers can be arranged to provide broadside coupled differential signal pairs. Terminals dedicated for use as ground terminals can be wider than the signal terminals to provide shielding between adjacent differential signal pairs. The signal terminals of each differential signal terminal pair can a constant width from their contact portions to a location proximate their tail portions and the terminals diverge from broadside alignment and increase in their width until they end at the terminal tail portions.

0) US2007193828A – ELECTRICIAN'S LADDER AND METHOD

43) Family number: 35563770 (US2007193828A) © PatBase

Title: ELECTRICIAN'S LADDER AND METHOD

Priority:

CA20072576787 20070131	CA20072828739 20070131	CA20132576787 20131007
CA20152637131 20150630	CA20082637131 20080710	CA20152828739 20151209
US20070881591 20070727	US20080286420 20080929	US20100657062 20100113
US20070699254 20070129	US20060775304P 20060221	US20060416967 20060503
US20060358626 20060221	CN200710080283 20070216	US20110199743 20110908
US20130857731 20130405	US20130055526 20131016	US20140510890 20141009
US20150610913 20150130	US20160043147 20160212	

Family:

Publication number	Publication date	Application number	Application date
CA2576787 AA	20070821	CA20072576787	20070131
CA2576787 C	20131224	CA20072576787	20070131
CA2637131 AA	20090127	CA20082637131	20080710
CA2637131 C	20151013	CA20082637131	20080710
CA2679778 AA	20100329	CA20092679778	20090922
CA2828739 AA	20070821	CA20072828739	20070131
CA2828739 C	20160315	CA20072828739	20070131
CA2895057 AA	20090127	CA20082895057	20080710
CA2914086 AA	20070821	CA20072914086	20070131
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CN101025074 B	20130522	CN200710080283	20070216
CN103174376 A	20130626	CN201310130024	20070216
CN103174376 B	20160601	CN201310130024	20070216
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CN103206168 B	20160601	CN201310130012	20070216
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MX2008009038 A1	20090305	MX20080009038	20080714
MX2009010379 A1	20100430	MX20090010379	20090925
US2007193828 AA	20070823	US20060358626	20060221
US2007193829 AA	20070823	US20060416967	20060503
US2007204948 AA	20070906	US20070699254	20070129
US2008023268 AA	20080131	US20070881591	20070727
US2009065302 AA	20090312	US20080286420	20080929
US2010116108 AA	20100513	US20100657062	20100113
US2012006620 AA	20120112	US20110199743	20110908
US2013213739 AA	20130822	US20130857731	20130405
US2014044821 AA	20140213	US20130055526	20131016
US2015024175 AA	20150122	US20140510890	20141009
US2015136524 AA	20150521	US20150610913	20150130
US2016160563 AA	20160609	US20160043147	20160212
US7886872 BB	20110215	US20060358626	20060221
US8016078 BB	20110913	US20100657062	20100113
US8418811 BB	20130416	US20080286420	20080929
US8632708 BB	20140121	US20070881591	20070727
US8858208 BB	20141014	US20130055526	20131016
US8944213 BB	20150203	US20110199743	20110908
US9266289 BB	20160223	US20070699254	20070129

Probable Assignee: WERNER CO

Assignee(s):(std)**:** CLAPPER ALLISON STRIGHT ; GAUCHEL JAMES VINCENT ; WERNER CO ; MORAN KEVIN J ; GREBINOSKI JAMES J ; KELLY RICHARD M ; PIRANEO HAROLD CARL ; RIVERA JUAN ANTONIO ; ASTOR KYLE G ; WERNER CRAIG

Assignee(s): BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; JPMORGAN CHASE BANK NA COLLATERAL AGENT IN RESPECT OF ABL CREDIT AGREEMENT AS ; JPMORGAN CHASE BANK NA COLLATERAL AGENT IN RESPECT OF TERM LOAN CREDIT AGREEMENT AS

Inventor(s):(std)**:** ASTOR KYLE G ; CARL CLAPPER ALLISON STRIGHT G ; CLAPPER ALLISON S ; CLAPPER ALLISON STRIGHT ; GREBINOSKI JAMES J ; GAUCHEL JAMES V ; GAUCHEL JAMES VINCENT ; KELLY RICHARD M ; LATIMER BRETT ; MORAN KEVIN J ; PIRANEO HAROLD CARL ; RIVERA JUAN ANTONIO ; WERNER CRAIG

Inventor(s): RICHARD M KELLY ; MORAN KEVIN ; GREBINOSKI JAMES ; HAROLD CARL PIRANEO ; JAMES VINCENT GAUCHEL ; JUAN ANTONIO RIVERA ; KELLY RICHARD ; CLAPPER ALLISON STRIGHT GAUCHEL JAMES VINCENT ; CLAPPER ALLISON STRIGHT GAUCHEL JAMES VINCENT RIVERA JUAN ANTONIO PIRANEO HAROLD CARL ; GAUCHEL JAMES ; CLAPPER ALLISON ; ALLISON STRIGHT CLAPPER ; ASTOR KYLE

Agent(s): BORDEN LADNER GERVAIS LLP; ANSEL M SCHWARTZ SUITE 304; ANSEL M SCHWARTZ ATTORNEY AT LAW; ANSEL M

International class (IPC 8–9)**:** B05D7/24 B23D49/12 B26D3/16 B29C47/00 B29C67/00 B29C70/02 B29C70/06 B29C70/08 B29C70/12 B29C70/18 B29C70/44 B29C70/52 B31B1/60 B32B27/04 B32B27/08 B32B27/12 B32B33/00 B32B37/00 B32B37/15 B32B38/08 B32B38/14 B32B5/02 B32B5/26 B44C1/18 B65H49/26 C08J5/04 E04C3/29 E06C1/00 E06C1/28 E06C1/39 E06C5/32 E06C5/44 E06C7/00 E06C7/08 E06C7/14 G09F3/00 (Advanced/Invention); B29C70/52 B29L31/00 B32B27/04 B32B27/20 B32B5/26 B32B5/28 E06C1/00 E06C7/08 (Advanced/Non–invention); B05D7/24 B26D3/16 B29C47/00 B29C70/00 B29C70/04 B29C70/06 B31B1/00 B31B1/60 B32B27/00 B32B27/08 B32B27/12 B32B33/00 B32B38/14 B44C1/00 B65H49/00 E06C1/00 E06C5/00 E06C7/00 G09F3/00 (Core/Invention)

CPC: B29B15/122 E06C7/083 E06C1/00 B32B27/20 B32B5/28 B32B27/04 B29C70/525 B29C70/021 B29C70/083 B29C70/12 B29C70/523 B32B37/15 B32B38/08 B32B2250/40 B32B2260/023 B32B2264/104 B32B2260/046 B32B2307/712 B32B2307/71 B32B5/26 B29C70/526 Y10T156/12 Y10T83/04 Y10T83/0596 E06C1/28 Y10T428/2481 B29K2995/002 B29L2031/745 E04C3/29 E06C7/081 Y10T428/249921 Y10T156/10 B29K2101/10 B29K2309/08 E06C7/08 B29C70/025 B29C70/521 E06C7/14 E06C1/18 E06C1/39

European class: B29C70/02A4 B29C70/08B B29C70/12 B29C70/52A B29C70/52B E04C3/29 E06C1/39 E06C7/08 E06C7/08A E06C7/08C1 E06C7/14 L29B11/16 L29K995/00E2 L29L31/745

US class: 1/1 156/166 156/166S 156/180 156/381 156/385 156/385S 156/390 156/436 156/441 156/500 156/510 156/60 156/60P 182/129 182/194 182/194S 182/230 182/46 182/47 242/598 242/598S 264/129 264/134 264/136 264/137 264/171.1 264/171.13 264/173.11 264/176.1 264/176.100S 264/257 264/258 425/112 425/505 425/506 425/508 425/514 425/71 427/299 428/196 428/221 428/414 523/125 523/125S 83/13 83/13S 83/54 83/54P

Classification Explorer

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Forward Citations: WO17004354, WO16134793, WO15091825, USD777350, USD766462, USD766461, US9810022, US9714541, US9435155, US9359817, US9296096, US9273818, US9168701, US8858208, US8800718, US8777204, US8602164, US8448748, US8418811, US8376085, US8272478, US8011476, US2016160563, US2014332316, US2014157562, US2014044821, US2013299662, US2011209947, US2010181711, US2010163340, US2009179125, US2009065302, US2007193829, US2007181366, NL1037072, GB2486938, GB2486938, EP2691227, EP2266787, CN106193986, CN106050123, CN105829044, CN105060030, CN105004592, CN105004592, CN104385631, CN104309134, CN103552174, CN103501986, CN103501986, CN103089139, CN103089139, CN102996060,

Abstract:
Source: US2007193828A A stepladder having a front side, a rear side and a top. The stepladder can include a conduit holder attached to the front side for holding conduit. The stepladder can include a first wire spool holder attached to the front side and a second wire spool holder attached to the rear side though which a conduit having a wire spool extends. The stepladder can include a hacksaw hook attached to the front side. A method for cutting a conduit. A method for using a hacksaw. A method for obtaining wire.

0) US2008002345A – PORTABLE DEVICE DOCKING STATION

44) Family number: 40831328 (US2008002345A) © PatBase

Title: PORTABLE DEVICE DOCKING STATION

Priority: US20060480666 20060630 US20060490402 20060719 US20060525354 20060923 US20060525353 20060923 US20060493107 20060726 US20060496643 20060731 US20090462838 20090810 US20060543356 20061004 US20070725337 20070319 US20060606729 20061130 US20120470144 20120511

Family:

Publication number	Publication date	Application number	Application date
US2008002345 AA	20080103	US20060490402	20060719
US2008002351 AA	20080103	US20060496643	20060731
US2008002352 AA	20080103	US20060525353	20060923
US2008002353 AA	20080103	US20060525354	20060923
US2008002354 AA	20080103	US20060543356	20061004
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US2008002369 AA	20080103	US20060493107	20060726
US2008003860 AA	20080103	US20060606729	20061130
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US2012224321 AA	20120906	US20120470144	20120511
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US7573706 C1	20111004	US20060496643	20060731
US7583495 BB	20090901	US20070725337	20070319
US7894180 BB	20110222	US20090462838	20090810
US7894180 C1	20111004	US20090462838	20090810
US8179672 BB	20120515	US20060543356	20061004
US8179672 C1	20130311	US20060543356	20061004
US8179672 C2	20131104	US20060543356	20061004
US9036343 BB	20150519	US20120470144	20120511

Probable Assignee: NAT PRODUCTS INC

Assignee(s):(std)**:** CARNEVALI JEFFREY D ; NAT PRODUCTS INC

Assignee(s): NATIONAL PRODUCTS INC

Inventor(s):(std)**:** CARNEVALI JEFFREY D

Agent(s): CHARLES J RUPNICK; CHARLES J; RUPNICK CHARLES J; RUPNICK ATTORNEY AT LAW CHARLES J; CHARLES J RUPNICK ATTORNEY AT LAW; BRUCE E; LOWE GRAHAM JONES PLLC

International class (IPC 8–9): G06F1/16 G06F13/00 H01R13/62 H05K5/00 H05K7/00 (Advanced/Invention); G06F1/16 G06F13/00 H01R13/62 H05K5/00 (Core/Invention)

CPC: Y10T70/5009 G06F1/1632 H01R31/005

European class: G06F1/16P6

US class: 211/41.17 248/122.1 312/223.1 312/223.2 361/679.06 361/679.29 361/679.4 361/679.41 361/679.410P 361/679.43 361/679.430P 361/679.55 361/683 361/686 361/724 370/419 439/296 439/296P 62/3.2 70/58 710/303 710/303S 713/300 713/322 714/805 715/530

Classification Explorer

Cited documents: US8179672 BB, US7894180 BB, US7583495 BB, US7573706 BB, US7508661 BB, US7426108 BB, US7417855 BB, US7405942 BA, US7386868 BB, US7327560 BA, US7315453 BA, US7301777 BB, US7298611 BA, US7236863 BB, US7027111 BB, US7024566 BB, US6999008 BB, US6973873 BB, US6952343 BB, US6940058 BB, US6937468 BB, US6934151 BB, US6898079 BB, US6893319 BA, US6885552 BB, US6804123 BA, US6790053 BB, US6749797 BB, US6744627 BB, US6697252 BB, US6606243 BB, US6581420 BA, US6574102 BB, US6560103 BA, US6545864 BB, US6490154 BB, US6480376 BA, US6473043 BA, US6453378 BA, US6427499 BA, US6418013 BA, US6407914 BA, US6362959 BB, US6340186 BB, US6331934 BA, US6321340 BA, US6309230 BB, US6280212 BA, US6275945 BA, US6275378 BA, US6259601 BA, US6239970 BA, US6236571 BA, US6221290 BA, US6219233 BA, US6216499 BA, US6189349 BA, US6188572 BA, US6185095 BA, US6182707 BA, US6151218 A, US6102284 A, US6088620 A, US6083156 A, US6072695 A, US6065502 A, US6061234 A, US6049454 A, US6034869 A, US5995366 A, US5933322 A, US5933321 A, US5909819 A, US5870283 A, US5825616 A, US5818691 A, US5812356 A, US5796579 A, US5790375 A, US5768101 A, US5757616 A, US5745341 A, US5743630 A, US5738537 A, US5704212 A, US5619398 A, US5619397 A, US5592362 A, US5575256 A, US5568359 A, US5477415 A, US5461546 A, US5384686 A, US5181166 A, US5175671 A, US4845913 A, US4766520 A, US4659159 A, US4344903 A, US2010038508 AA, US2009179126 AA, US2009123209 AA, US2008003860 AA, US2008000850 AA, US2007222758 AA, US2007159800 AA, US2007153446 AA, US2007014080 AA, US2006250767 AA, US2006186271 AA, US2006061958 AA, US2006026326 AA, US2006002079 AA, US2005164545 AA, US2005162824 AA, US2005157459 AA, US2005105259 AA, US2004196622 AA, US2004165348 AA, US2004037031 AA, US2003231465 AA, US2002159231 AA, JP10292896, EP0807878 A1, EP0798622 A2, EP0689121 A1, EP000807878, EP000798622, EP000689121,

Forward Citations: WO14004553, WO13158057, WO13050916, WO12009151, WO10025419, WO10025409, WO09148578, USRE43869, USD752054, USD632296, USD616890, US9811118, US9746350, US9727084, US9725930, US9715776, US9663977, US9650814, US9649989, US9634711, US9612616, US9603270, US9600031, US9593510, US9575510, US9563988, US9557768, US9547620, US9509087, US9436830, US9429995, US9429993, US9400529, US9347245, US9338912, US9334680, US9316351, US9310841, US9309698, US9304548, US9298218, US9285831, US9261919, US9229487, US9169964, US9167064, US9164862, US9145715, US9119312, US9080716, US9047051, US9036343, US9003626, US9001511, US8986029, US8926349, US8911246, US8882545, US8873233, US8842428, US8780546, US8724330, US8717771, US8711571, US8665593, US8659889, US8649169, US8619417, US8600437, US8599019, US8596730, US8585443, US8583847, US8559172, US8553407, US8531829, US8512080, US8512079, US8493740, US8483755, US8482252, US8441787, US8427826, US8339254, US8320960, US8315048, US8289698, US8199490, US8185681, US8179672, US8098488, US8081451, US8080733, US8018724, US7995350, US7983629, US7978466, US7975089, US7933118, US7924559, US7916474, US7907393, US7894180, US7874393, US7751185, US7583495, US7573707, US7573706, US7508658, US2017147037, US2017068272, US2016349793, US2016231779, US2016209872, US2016056647, US2015289841, US2015277492, US2015268695, US2015236447, US2015197177, US2015116926, US2015092382, US2014307374, US2014285963, US2014260681, US2014198433, US2014177153, US2014109240, US2014069710, US2014049904, US2014038450, US2013303012, US2013279093, US2013241371, US2013225096, US2013224977, US2013223003, US2013214105, US2013137298, US2013128479, US2013104364, US2013050934, US2013003291, US2012293949, US2012274191, US2012273643, US2012170203, US2012151112, US2012134102, US2012127651, US2012094528, US2012069535, US2011266230, US2011203587, US2011191864, US2011155411, US2011153150, US2011134602, US2011134600, US2011128689, US2011121776, US2011096485, US2011095724, US2011021247, US2010328879, US2010318710, US2010287321, US2010265652, US2010216397, US2010195278, US2010169531, US2010091446, US2010088450, US2010073862, US2010067190, US2009294198, US2009231793, US2009213536, US2009184812, US2008304688, US2008273297, US2008054769, US2008020614, US2008002355, US2008002354, US2008002351, US2007127205, TWI372698, EP3193233, EP3070574, EP3023685, EP2556867, EP2556867, CN104950998,

Abstract:
Source: US2008002345A An external expanding apparatus or "docking station" operable with a portable computer device of a type having a display unit having a display screen on an inner surface thereof and a hard shell backing surface opposite thereof and pivotally mounted on a substantially rigid casing having a pair of locating holes adjacent to opposite corners of a substantially planar bottom surface thereof, and an input/output (I/O) connector positioned on a back plane thereof with a pair of positioning apertures provided on opposite sides thereof.

0) US2011200286A – RUGGEDIZED FIBER OPTIC/ELECTRICAL CONNECTION SY...

45) Family number: 49397624 (US2011200286A) © PatBase

Title: RUGGEDIZED FIBER OPTIC/ELECTRICAL CONNECTION SYSTEM

Priority: AU20110212790 20110204 AU20150249108 20151028 US20100301460P 20100204
CN201180012408 20110204 US20070007222P 20071211 US20080029524P 20080218
US20110021416 20110204 WO2011US23736 20110204 US20130936499 20130708
US20140552210 20141124 US20150822170 20150810 US20160282165 20160930

Family:

Publication number	Publication date	Application number	Application date
AU2011212790 AA	20110811	AU20110212790	20110204
AU2011212790 BB	20150806	AU20110212790	20110204
AU2015249108 AA	20151112	AU20150249108	20151028
CN102782549 A	20121114	CN201180012408	20110204
CN102782549 B	20150311	CN201180012408	20110204
CN104536099 A	20150422	CN201510047141	20110204
CN104536099 B	20170517	CN201510047141	20110204
EP2531878 A2	20121212	EP20110740419	20110204
US2011200286 AA	20110818	US20110021416	20110204
US2014023327 AA	20140123	US20130936499	20130708
US2015153527 AA	20150604	US20140552210	20141124
US2016041342 AA	20160211	US20150822170	20150810
US2017160488 AA	20170608	US20160282165	20160930
US8480312 BB	20130709	US20110021416	20110204
US8894300 BB	20141125	US20130936499	20130708
US9104001 BB	20150811	US20140552210	20141124
US9459411 BB	20161004	US20150822170	20150810
WO11097473 A2	20110811	WO2011US23736	20110204
WO11097473 A3	20111222	WO2011US23736	20110204

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std)**:** ADC TELECOMMUNICATIONS INC ; COMMSCOPE TECH LLC ; COMMSCOPE TECHNOLOGIES LLC ; SMITH TREVOR D ; LU YU

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMSCOPE EMEA LTD

Inventor(s):(std)**:** LU YU ; SMITH TREVOR D ; YU LU

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; ZUCKER VOLKER; MERCHANT AND GOULD PC; BRUESS STEVEN C

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

International class (IPC 8–9): G02B6/36 G02B6/38 G02B6/42 H01R33/945 (Advanced/Invention); G02B6/38 (Advanced/Non–invention)

CPC: G02B6/3825 G02B6/3874 G02B6/3887 G02B6/3817 G02B6/3894 G02B6/4293 G02B6/3807 G02B6/3897

European class: G02B6/38D2J G02B6/38D2N S02B6/38D16

US class: 1/1 385/101 385/139 385/53 385/60 385/62 385/78 385/81 385/86 385/86P 385/87 385/88 385/89 385/90 385/92 385/94 439/577

Classification Explorer

Cited documents: WO09073500 A1, USRE43542 E, US9459411 BB, US9104001 BB, US8894300 BB, US8882363 BB, US8842962 BB, US8480312 BB, US8272790 BB, US8202008 BB, US8147147 BB, US8113720 BB, US8083416 BB, US8038356 BB, US7942590 BB, US7896939 BB, US7848604 BB, US7798725 BB, US7785019 BB, US7762726 BB, US7744288 BB, US7744286 BB, US7677813 BB, US7627222 BB, US7572065 BB, US7481585 BB, US7463803 BB, US7264402 BB, US7213975 BB, US7137742 BB, US7113679 BB, US7111990 BB, US7090407 BB, US7090406 BB, US7018331 BB, US6931183 BB, US6899467 BB, US6733186 BB, US6708640 BA, US6648520 BB, US6588938 BA, US6579014 BB, US6546175 BA, US6542674 BA, US6459835 BA, US6416334 BA, US5574815 A, US5473815 A, US5473715 A, US5467420 A, US5461688 A, US5345520 A, US5267337 A, US5159651 A, US4896939 A, US4449784 A, US4373777 A, US2013322826 AA, US2011200286 AA, US2011123157 AA, US2009304335 AA, US2009148104 AA, US2009148103 AA, US2009148102 AA, US2009148101 AA, US2008310796 AA, US2008138025 AA, US2007160327 AA, US2005041928 AA, US2004050314 AA, US2002166226 AA, CN2733387, CN2452156, CN1379863, CN1349118, CN1257585 A, CN101568869 A, CN101305307, CN101303439, CN101223465,

Forward Citations: US9810861, US9766419, US9739962, US9739951, US9557505, US9488793, US9472314, US9459411, US9310570, US9110267, US9110266, US9104001, US9052468, US8942528, US8894300, US8882363, US8842962, US8794852, US8480312, US2017160488, US2016178859, US2015104133, US2015043870, US2014341506, US2014182124, US2013177283, US2013129285, US2011188810, EP2680051, CN105068193, CN105068193, CN104656200,

Abstract:
Source: US2011200286A A fiber optic and electrical connection system includes a fiber optic cable, a ruggedized fiber optic connector, a ruggedized fiber optic adapter, and a fiber optic enclosure. The cable includes one or more electrically conducting strength members. The connector, the adapter, and the enclosure each have one or more electrical conductors. The cable is terminated by the connector with the conductors of the connector in electrical communication with the strength members. The conductors of the connector electrically contact the conductors of the adapter when the connector and the adapter are mechanically connected. And, the conductors of the adapter electrically contact the conductors of the enclosure when the adapter is mounted on the enclosure.

0) US2014321813A – MULTI–FIBER FIBER OPTIC CONNECTOR

46) Family number: 53957675 (US2014321813A) © PatBase

Title: MULTI–FIBER FIBER OPTIC CONNECTOR

Priority: AU20120340980 20121030 AU20160204125 20160617 US20110563275P 20111123 US20120360383 20121030 US20160051295 20160223 US20140360383 20140523 WO2012US62526 20121030 US20160209282 20160713

Family:

Publication number	Publication date	Application number	Application date
AU2012340980 AA	20130530	AU20120340980	20121030
AU2012340980 BB	20160317	AU20120340980	20121030
AU2016204125 AA	20160714	AU20160204125	20160617
AU2016204125 BB	20171109	AU20160204125	20160617
BR112014012461 A2	20170606	BR20141112461	20121030
CN104011572 A	20140827	CN201280064226	20121030
CN104011572 B	20160316	CN201280064226	20121030
EP2783248 A1	20141001	EP20120851590	20121030
EP2783248 A4	20150527	EP20120851590	20121030
MX2014006200 A1	20141208	MX20140006200	20121030
MX336679 B	20160127	MX20140006200	20121030
RU2014125253 A	20151227	RU20140125253	20121030
RU2611687 C2	20170228	RU20140125253	20121030
US2014321813 AA	20141030	US20120360383	20121030
US2016170154 AA	20160616	US20160051295	20160223
US2017010423 AA	20170112	US20160209282	20160713
US9304262 BB	20160405	US20120360383	20121030
US9442257 BB	20160913	US20160051295	20160223
WO13077969 A1	20130530	WO2012US62526	20121030

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std)**:** ADC TELECOMMUNICATIONS INC ; ADS TELEKOMMYUNIKEJSHNZ INK ; COMMSCOPE TECH LLC ; LU YU ; COMMSCOPE TECHNOLOGIES LLC

Assignee(s): JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; TYCO ELECTRONICS SERVICES GMBH ; COMMSCOPE EMEA LTD

Inventor(s):(std)**:** LU YU ; YU LU

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; PATENTANWAELTE BRESSEL U PARTNER MBB; MERCHANT AND GOULD PC; BRUESS STEVEN C

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

International class (IPC 8–9): G02B6/38 G02B6/40 G02B6/44 (Advanced/Invention)

CPC: G02B6/3825 G02B6/4429 G02B6/3821 G02B6/3833 G02B6/3869 G02B6/3885 G02B6/4403 G02B6/3846 G02B6/406 G02B6/3894 G02B6/3891 G02B6/3887 G02B6/387 G02B6/38

US class: 1/1 385/78

Classification Explorer

Cited documents: WO12005407 A1, WO11087944 A1, WO11087942 A1, WO11087941 A1, WO10090211 A1, WO09011799 A1, WO06032153 A1, WO04028993 A1, WO03050579 A2,

WO0127673, US9016953 BB, US8939654 BB, US8043013 BB, US8041166 BB, US7942590 BB, US7860363 BB, US7764402 BB, US7762726 BB, US7756370 BB, US7744288 BB, US7744286 BB, US7708476 BB, US7628549 BB, US7614797 BB, US7594764 BB, US7572065 BB, US7507031 BB, US7329049 BB, US7298941 BB, US7264410 BA, US7264402 BB, US7220061 BB, US7216512 BB, US7140786 BB, US7104702 BB, US7090406 BB, US7088893 BB, US7016592 BB, US6979133 BB, US6964578 BB, US6962446 BB, US6918703 BB, US6908236 BB, US6856748 BA, US6840687 BB, US6827508 BB, US6811323 BB, US6742936 BA, US6738552 BB, US6728452 BB, US6726370 BB, US6719927 BB, US6715933 BA, US6648520 BB, US6550279 BA, US6532327 BA, US6520689 BB, US6503422 BB, US6498888 BA, US6439780 BA, US6419810 BA, US6340249 BA, US6247850 BA, US6186672 BA, US6179482 BA, US6179482 B1, US6173097 BA, US6173097 B1, US6152609 A, US6120193 A, US6085003 A, US6068410 A, US5963698 A, US5963692 A, US5909528 A, US5832162 A, US5815619 A, US5748819 A, US5677976 A, US5582671 A, US5495545 A, US5465313 A, US5375183 A, US5367594 A, US5317663 A, US5309536 A, US5263105 A, US5241613 A, US5222171 A, US5127820 A, US5093048 A, US5046813 A, US5042901 A, US5040867 A, US5034170 A, US5022735 A, US4964688 A, US4920366 A, US4902095 A, US4877306 A, US4877303 A, US4798431 A, US4711752 A, US4662307 A, US4598974 A, US4410561 A, US4410469 A, US4389428 A, US4220394 A, US3777048 A, US3597372 A, US3086242 A, US2027962 A, US2014086534 AA, US2014064665 AA, US2013136857 AA, US2013008594 AA, US2012288238 AA, US2012243832 AA, US2012219258 AA, US2012177328 AA, US2011280525 AA, US2011265521 AA, US2011226019 AA, US2011188813 AA, US2011176780 AA, US2011176774 AA, US2011173817 AA, US2011103753 AA, US2011097432 AA, US2011002586 AA, US2010322568 AA, US2010303425 AA, US2010290741 AA, US2010284653 AA, US2010272397 AA, US2010266244 AA, US2010266242 AA, US2010129031 AA, US2010124394 AA, US2009162019 AA, US2009060421 AA, US2008219624 AA, US2008193089 AA, US2008131056 AA, US2008095504 AA, US2008069500 AA, US2007274657 AA, US2007110371 AA, US2006233506 AA, US2006103039 AA, US2006002662 AA, US2005276549 AA, US2005238292 AA, US2005213891 AA, US2005175308 AA, US2005042387 AA, US2004151437 AA, US2004062480 AA, US2004047566 AA, US2003044143 AA, US2002146214 AA, US2002131720 AA, US2002044749 AA, US2001017963 AA, TW592934, TW571134, KR101038195 B1, JP8262271, JP8234042, JP7234344, JP61009612 A2, JP2011095410 A2, JP2008116840, JP2002082257, JP11287929 A2, GB2148537 A1, EP547778, EP1122564 A2, EP0547778 A1, EP0125398 A1, DE19517750 A1, CN1561462 A, CN1309312 A, CN101846776 A, CA2354718 AA,

Forward Citations: WO17165537, WO16007491, WO16005879, WO16004347, US9739954, US9720185, US9599780, US9519114, US9470850, US9291780, CN105445862,

Abstract:
Source: US2014321813A A fiber optic cable assembly includes a fiber optic cable and a fiber optic connector. The cable includes a jacket having an elongated transverse cross−sectional profile that defines a major axis and a minor axis. Strength components of the cable are anchored to the connector. The fiber optic connector includes a multi−fiber ferrule defining a major axis that is generally perpendicular to the major axis of the jacket and a minor axis that is generally perpendicular to the minor axis of the jacket. Certain types of connectors include a connector body defining a side opening that extends along a length of the connector body; a multi−fiber ferrule configured for lateral insertion into the connector body through the side opening; and a cover that mounts over the side opening after the multi−fiber ferrule has been inserted into the connector body through the side opening.

47) Family number: 31312086 (US2004097881A) © PatBase

Title: KINK–RESISTANT ACCESS SHEATH AND METHOD OF MAKING SAME

Priority:

AU20050209187	20050112	AU20110200989	20110307	AU20130207571	20130716
EP20040750825	20040426	EP20030796398	20031112	EP20120164360	20031112
EP20120164364	20031112	EP20120164362	20031112	EP20110181317	20040426
US20050263876	20051101	US20070695449	20070402	US20030465310P	20030425
US20060747512P	20060517	US20040832867	20040426	US20040579500P	20040614
US20050152945	20050614	US20040624246P	20041101	US20020298116	20021115
US20050319870	20051228	US20040766138	20040128	US20060747644P	20060518
US20070750235	20070517	WO2007US69282	20070518	WO2005US01129	20050112
US20100877245	20100908	US20100950782	20101119	WO2004US13118	20040426
WO2005US21262	20050614	WO2003US36347	20031112	WO2005US39885	20051101
US20070750847	20070518	US20130965405	20130813	US20140223032	20140324
US20140164954	20140127				

Family:

Publication number	Publication date	Application number	Application date
AU2004233987 AA	20041111	AU20040233987	20040426
AU2005209187 AA	20050811	AU20050209187	20050112
AU2005209187 BB	20101223	AU20050209187	20050112
AU2005254572 AA	20051229	AU20050254572	20050614
AU2005302021 AA	20060511	AU20050302021	20051101
AU2011200989 AA	20110331	AU20110200989	20110307
AU2011200989 AH	20131024	AU20110200989	20110307
AU2011200989 BB	20130523	AU20110200989	20110307
AU2011200989 BH	20131024	AU20110200989	20110307
AU2013207571 AA	20130808	AU20130207571	20130716
AU2013207571 BB	20150827	AU20130207571	20130716
CA2506240 AA	20050516	CA20032506240	20031112
CA2523270 AA	20051021	CA20042523270	20040426
CA2552244 AA	20060629	CA20052552244	20050112
CA2569378 AA	20061130	CA20052569378	20050614
CA2585117 AA	20070423	CA20052585117	20051101
DE602004040304 D1	20130131	DE200460040304T	20040426
DE602004041625 D1	20130529	DE200460041625T	20040426
DE60343649 D1	20130516	DE20036043649	20031112
DE60343686 D1	20130529	DE20036043686	20031112
DE60348153 D1	20151126	DE20036048153	20031112
DE60348541 D1	20160310	DE20036048541	20031112
EP1567208 A2	20050831	EP20030796398	20031112
EP1567208 A4	20090408	EP20030796398	20031112
EP1567208 B1	20130403	EP20030796398	20031112
EP1619996 A2	20060201	EP20040750825	20040426
EP1619996 A4	20061115	EP20040750825	20040426
EP1619996 B1	20121205	EP20040750825	20040426
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EP1755724 A1	20070228	EP20050760447	20050614
EP1807142 A1	20070718	EP20050821341	20051101
EP2018336 A2	20090128	EP20070783946	20070518
EP2018336 A4	20120328	EP20070783946	20070518
EP2397184 A1	20111221	EP20110181317	20040426

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EP2481439 A1	20120801	EP20120164360	20031112	
EP2481439 B1	20160203	EP20120164360	20031112	
EP2484403 A1	20120808	EP20120164362	20031112	
EP2484403 B1	20130327	EP20120164362	20031112	
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EP2484404 B1	20151014	EP20120164364	20031112	
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JP2006525087 T2	20061109	JP20060513403T	20040426	
JP2007524480 T2	20070830	JP20060551162T	20050112	
JP2008502433 T2	20080131	JP20070516726T	20050614	
JP2008518687 T2	20080605	JP20070539345T	20051101	
US2004097881 AA	20040520	US20020298116	20021115	
US2005004515 AA	20050106	US20040832867	20040426	
US2005165366 AA	20050728	US20040766138	20040128	
US2005256452 AA	20051117	US20050152945	20050614	
US2006064054 AA	20060323	US20050263876	20051101	
US2006144501 AA	20060706	US20050319870	20051228	
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WO07137184 A2	20071129	WO2007US69282	20070518	
WO07137184 A3	20080313	WO2007US69282	20070518	

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Assignee(s): APPLIED MEDICAL RESOURCE CORP ; ALIAHMAD WASSIM R ; PINEDJIAN RAFFI S ; TRAN CANH T ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; CITIBANK NA ; CITIBANK NA ADMINISTRATIVE AGENT AS ; APPLIED MEDICAL RESOURCES CORP RANCHO SANTA MARGARITA

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GRIFFITH HACK; BORDEN LADNER GERVAIS LLP; RACKETTE PATENTANWAELTE PARTG MBB; RACKETTE PARTNERSCHAFT PATENTANWAELTE; DREISS PATENTANWAELTE PARTG MBB; FITCHETT STUART PAUL; APPLIED MEDICAL RESOUCES CORP; APPLIED MEDICAL RESOURCES CORP; KENNETH K; PATRICK Y; MAJDALI DAVID G; BONNER CYNTHIA A; IKEHARA PATRICK Y; DAVID G; CYNTHIA A; RIMAS T

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 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 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 YU ZA ZM ZW

International class(IPC 8–9)**:** A61B1/00 A61B1/307 A61B17/00 A61B17/12 A61B17/34 A61B18/14 A61B19/00 A61B5/00 A61F2/84 A61J15/00 A61M1/00 A61M16/04 A61M25/00 A61M25/01 A61M25/06 A61M25/08 A61M25/092 A61M31/00 A61M37/00 A61M39/00 A61M5/14 A61M5/178 B29C47/02 B29C53/58 B29C65/02 B29D23/00 B29D23/18 B29D23/20 B32B37/00 B65H81/00 B65H81/06 C22C1/02 F16L11/00 (Advanced/Invention);
A61B1/01 A61B17/00 A61B17/28 A61B17/34 A61M25/00 A61M25/06 B29C53/58 B29C63/18 B29D23/18 B29K19/00 B29K83/00 B29L31/00 B32B1/08 F16L11/24 (Advanced/Non–invention);
A61B1/00 A61B17/00 A61B17/34 A61B5/00 A61F2/82 A61J15/00 A61M1/00 A61M16/04 A61M25/00 A61M25/01 A61M25/06 A61M25/08 A61M31/00 A61M5/14 A61M5/178 B65H81/00 F16L11/00 (Core/Invention);
A61B1/005 A61B17/00 A61B17/28 A61B17/34 A61M25/00 A61M25/06 (Core/Non–invention);
A61B (Subclass/Invention)

International class(IPC 1–7)**:** A61B1/00 A61B1/307 A61B17/34 A61B5/00 A61M1/00 A61M25/00 A61M25/01 A61M25/092 A61M31/00 A61M5/00 A61M5/178 B65H81/00

CPC: A61M25/0136 A61M25/0054 A61B17/3415 A61B2017/00526 B29C47/0023 B29C47/004 B29C47/0064 B29C47/025 B29C47/027 B29C53/60 B29C61/006 B29L2023/00 A61B17/3417 A61B17/3431 A61M25/0051 A61M25/0053 B29D23/001 A61M25/0009 A61M25/0045 A61M25/005 A61M25/0662 F16L11/24 A61B1/00071 A61B1/00154 A61B1/0052 A61B1/0057 A61B1/0011 A61M25/0138 A61B2017/00424 A61B2017/2923 A61M25/0017 A61M25/0147 A61B1/0055 A61M25/0043 A61M25/0012 A61B17/3421 A61B2017/003 B29C53/58 B29C63/18 B29D23/18 B29K2019/00 B29K2083/00

B29L2031/7546 B32B1/08

European class: A61B17/34G A61B17/34G4 A61M25/00G A61M25/00G3 A61M25/00H A61M25/00S A61M25/00S2 A61M25/00S3 A61M25/01C10A A61M25/01C10C A61M25/01C10K A61M25/06H B29C47/00L11 B29C47/00L4 B29C47/02C B29C47/02D B29C53/60 B29D23/18 B32B1/08 F16L11/24 K61B1/005B6 K61B1/01 K61B17/00E3G K61B17/00G2 K61B17/00M K61B17/29H6R K61B17/34E K61B17/34G4 K61B17/34G4C K61M25/00S1 K61M25/00S2 K61M25/00S2A K61M25/00S2C K61M25/00S3 K61M25/06H L29C47/00J6 L29C53/58 L29C61/00C L29C63/18 L29K19/00 L29K83/00 L29L23/00 L29L31/7546

US class: 138/118 156/143 156/144 156/149 156/169 156/171 156/172 156/172S 156/173 156/175 156/175S 156/244.11 156/308.2 156/309.6 156/309.9 264/171.14 264/171.140S 264/248 264/271.1 427/2.1 427/2.100S 427/21 604/104 604/104S 604/164.07 604/164.070P 604/264 604/526 604/528 604/95.04 604/95.040P

Classification Explorer

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Abstract:
Source: US2004097881A A releasable mechanism such as a cap is adapted for use with an access sheath having an elongate tube and a handle structure disposed at a proximal end of the tube. The releasable mechanism is sized and configured to fit the handle structure, which is shaped like the bell of a horn, to further facilitate use with surgical instrumentation. The releasable mechanism may operate as a separate cap that snaps onto the handle structure to provide access pathways to the sheath. The releasable mechanism may also be disposed at a proximal end of a surgical instrument to be introduced into the access sheath such that it may be interlocked with the sheath. In a method of manufacturing a kink−resistant sheath, a wire is initially coated with a plastic material, the coated wire is then wrapped around a mandrel forming a plurality of windings, and the wound coated wire is heated until the plastic material melts and bonds the windings to form a wire−reinforced sheath. The plastic material is preferably polyurethane but may be a thermoplastic, a thermoset or any plastic material having hard and/or soft durometer. The wound coated wire may be heated by capturing the windings within a shrink tube or compressing the windings in a mold and heating the windings until the sheath is formed. In another aspect of the invention, a mandrel is used as part of an extrusion process. In another aspect of the invention, another coating or outside layer could be formed over the spring reinforcement by dipping in a solvent based solution. In yet another embodiment of the invention, a braid such as a polyester braid may be used instead of or in addition to the coil spring to form a kink−resistant sheath.

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US9055944 BB	20150616	US20130917949	20130614
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European class: A61B17/072R A61B17/115 K61B17/072 K61B17/115C

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Abstract:
Source: US2012228360A A surgical stapler instrument has surgical stapler jaws, at least one staple line reinforcement material, and a fastener including a hook and a loop. The hook can be disposed on one of the surgical stapler jaws and the loop can be disposed on the staple line reinforcement material. Alternatively, the hook can be disposed on the staple line reinforcement material and the look on one of the surgical stapler jaws.

0) US2010112853A – INSERTION COUPLING COAXIAL CONNECTOR

49) Family number: 44970465 (US2010112853A) © PatBase

Title: INSERTION COUPLING COAXIAL CONNECTOR

Priority: US20080264932 20081105 US20090611095 20091102 US20090612428 20091104 US20100886939 20100921 US20100886941 20100921 US20100886940 20100921 WO2009US63315 20091104 WO2009US63320 20091104 US20110151078 20110601 WO2010US51773 20101007 WO2010US51792 20101007 WO2010US51799 20101007

Family:

Publication number	Publication date	Application number	Application date
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WO12166351 A2	20121206	WO2012US37960	20120515	
WO12166351 A3	20130328	WO2012US37960	20120515	

Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

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Inventor(s):(std)**:** AL COX ; ALLISON LEE ; BUENZ LAWRENCE J ; ISLAM NAHID ; JEFFREY PAYNTER ; LEE ALLISON ; NAHID ISLAM ; PAYNTER JEFFERY ; PAYNTER JEFFREY D ; LOW DAVID ; LARRY BUENZ ; DAVID LOW ; BUENZ LAWRENCE ; BUENZ LARRY ; PAYNTER JEFFREY ; COX AL ; COX AI

Inventor(s): COX ALBERT

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; ALTON ANDREW; NILSSON LARS MAGNUS; BABCOCK IP PLLC; BABCOCK ANDREW

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

International class (IPC 8–9): H01R11/11 H01R13/187 H01R13/40 H01R13/58 H01R13/658 H01R24/00 H01R24/02 H01R24/38 H01R24/40 H01R24/56 H01R43/20 H01R9/00 H01R9/05 (Advanced/Invention); H01R103/00 H01R9/05 (Advanced/Non–invention); H01R11/11 H01R24/00 H01R9/05 (Core/Invention); H01R24/02 (Core/Non–invention)

International class (IPC 1–7): H01R11/11 H01R24/02 H01R9/05

CPC: H01R4/5025 H01R9/0524 H01R13/111 H01R24/38 H01R24/56 Y10T29/49208 H01R24/564 H01R4/4818 H01R9/0521 H01R9/0527 H01R13/187 H01R13/5205 H01R13/5804 H01R13/65802 H01R24/40 H01R2103/00

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Classification Explorer

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Forward Citations: WO16066842, WO16010885, WO15061394, WO13091838, WO13091838, WO12162431, WO12162431, USD709834, USD703147, USD662064, USD662063, USD662062, USD662061, USD662060, USD662059, USD662058, USD662057, USD661660, USD661659, USD661257, USD661256, USD646226, USD646225, USD644998, USD644612, US9793624, US9768565, US9762008, US9722363, US9716338, US9608343, US9590287, US9583885, US9548572, US9548557, US9525220, US9490573, US9484645, US9472928, US9431755, US9407016, US9362634, US9343855, US9327371, US9325163, US9287659, US9276363, US9214771, US9190744, US9172156, US9172154, US9166348, US9153911, US9151905, US9147963, US9136654, US9099825, US9083113, US9071019, US9052469, US9048599, US9048527, US9039445, US9017102, US8986044, US8968025, US8888526, US8814587, US8758053, US8628352, US8622768, US8506325, US8469739, US8460031, US8458898, US8454384, US8449325, US8439703, US8435073, US8430688, US8393919, US8298006, US8157588, US8157587, US8136234, US7931499, US7927134, US2017133772, US2016322755, US2016285205, US2016036161, US2015255917, US2015180142, US2015162675, US2015136473, US2015024627, US2014199886, US2014137393, US2014120766, US2014024254, US2013295793, US2013203287, US2013171870, US2013065420, US2012184135, US2012064768, US2012064767, US2011230093, US2010126011, US2010112855, EP2442407, EP2393159, CN104779482, CN103107441, CN102829041, CN102829041, CN102332642,

Abstract:
Source: US2010112853A A coaxial connector with a connector body is provided with a connector body bore. A grip ring is retained within the connector body bore, and an outer diameter of the grip ring abuts an annular wedge surface provided with a taper between a maximum diameter proximate the connector end and a minimum diameter proximate the cable end. The wedge surface may be provided directly on the connector body bore sidewall or alternatively on an inner diameter of a clamp ring coupled to the cable end of the connector body. An inner diameter of the grip ring is provided with a grip surface. A spring contact is retained within the connector body bore. The grip surface and an inner diameter of the spring contact are dimensioned to receive the outer conductor from the cable end there through and to then couple with an outer diameter of the outer conductor.

0) US2003221691A – BREATHING MASK FOR FEEDING A BREATHING GAS TO A...

50) Family number: 30043201 (US2003221691A) © PatBase

Title: BREATHING MASK FOR FEEDING A BREATHING GAS TO A MASK USER AND DISCHARGE DEVICE FOR DISCHARGING BREATHING GAS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: RESMED R AND D GERMANY GMBH

Assignee(s):(std)**:** BIENER ACHIM ; LANG BERND ; LANG BERND CHRISTOPH ; MAP GMBH ; MAP MEDIZIN TECHNOLOGIE GMBH ; MAP MEDIZINTECHNOLOGIE GMBH ; RESMED R AND D GERMANY GMBH

Assignee(s): MAP MEDIZINTECHNIK FUER ARZT UND PATIENT GMBH AND CO KG ; MAP MEDIZINTECHNIK FUER ARZT UND PATIENT GMBH AND ; MAP MEDIZINTECHNIK F ARZT U PATIENT GMBH AND CO KG

Inventor(s):(std)**:** BIENER ACHIM ; LANG BERND ; LANG BERND CHRISTOPH

Inventor(s): ACHIM BIENER ; BERND LANG

Agent(s): VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; VOSSIUS AND PARTNER; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; DE ELZABURU ALBERTO; NIXON AND VANDERHYE PC

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

International class (IPC 8–9): A61M11/00 A61M16/00 A61M16/06 A61M16/08 A62B18/02 (Advanced/Invention); A61M16/06 (Core/Invention)

International class (IPC 1–7): A61M16/00 A61M16/06 A61M16/08 A62B18/02 A62B18/08

CPC: A61M16/0057 A61M16/0875 A61M16/0616 A61M16/0683 A61M16/06 A61M16/0611 A61M16/0633 A61M16/0638 A61M16/08 A61M2205/332 A61M2205/42 A61M2205/583 A61M16/0644 A61M16/0816

European class: A61M16/06 A61M16/06S A61M16/08 A61M16/08D K61M16/06A2 K61M16/06A4 K61M16/06A7 K61M16/06A7B K61M205/33F K61M205/42 K61M205/58D

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Abstract:
Source: US2003221691A The invention relates to a breathing mask for feeding a breathing gas to a mask user and a discharging device for discharging breathing gas from an inner mask area defined by a breathing mask. The inventive breathing mask comprises a sealing lip device for sealing a mask bearing area, a mask base body for creating a space within the mask and a connecting device for connecting at least one breathing gas line, the mask base body and/or the connecting device being provided with at least one decoupling structure made of elastomer material. It is possible to obtain in an advantageous manner a relative movement between a peripheral base area on the side of the base body of the mask associated with the sealing lip device and the breathing gas line within a sufficient area of movement.

0) US2009304456A – TWO STAGE MECHANICALLY STABILIZED EARTH WALL SY...

51) Family number: 44114347 (US2009304456A) © PatBase

Title: TWO STAGE MECHANICALLY STABILIZED EARTH WALL SYSTEM

Priority: US20080132750 20080604 US20100818011 20100617 US20100837347 20100715 US20110012680 20110124 US20100837437 20100715 US20110012607 20110124 US20120457881 20120427 US20120457854 20120427 WO2011US40540 20110615 WO2011US40541 20110615 WO2011US40543 20110615 WO2012US22145 20120123

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: T AND B STRUCTURAL SYSTEMS LLC

Assignee(s):(std)**:** T AND B STRUCTURAL SYSTEMS LLC ; TAYLOR THOMAS P

Inventor(s):(std)**:** TAYLOR THOMAS P ; BAGWELL JAMES SCOTT

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; KIRBY EADES GALE BAKER; EDMONDS NOLTE PC; EDMONDS AND NOLTE PC; NOLTE N ALEXANDER 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 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

International class (IPC 8–9): B23K11/00 C09K105/00 E02B3/12 E02D17/00 E02D17/18 E02D17/20 E02D29/00 E02D29/02 E02D3/00 E02D3/02 E02D5/00 E02D5/80 E02D7/00 E21D20/00 E21D21/00 (Advanced/Invention); C09K105/00 (Advanced/Non–invention); E21D20/00 (Core/Invention)

CPC: E02D29/0241 E02D29/02 E02D29/025 E02D29/0225

European class: E02D29/02 E02D29/02D E02D29/02D2

US class: 219/117.1 219/117.100S 405/259.1 405/259.100P 405/262 405/262P 405/262S 405/272 405/272S 405/273 405/273P 405/273S 405/284 405/284P 405/286 405/302.4 405/302.400S

Classification Explorer

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Forward Citations: USD787089, USD785819, US9605402, US9206561, US9206560, US8979437, US8915027, US8734059, US8632282, US8632281, US8632280, US8632279, US8632278, US8632277, US8562259, US8496411, US8393829, US2015132070, US2014003869, US2013136544, US2012224926, US2011311318, US2011091290,

Abstract:
Source: US2009304456A A system for securing a facing comprising a wire grid that is positionally fixed relative to an earthen formation in a substantially vertical position, a formation anchor that is positionally fixed between the wire grid and the earthen formation, a facing that is laterally offset a distance from the wire grid and having a facing anchor, and a turnbuckle that is rotatably coupled between a first connector and a second connector, wherein the first connector is coupled to the facing anchor and the second connector is coupled to the formation

anchor, such that rotation of the turnbuckle relative to the first and second connectors adjusts the distance between the wire grid and the facing.

0) US2004143263A – COMPRESSIBLE JAW CONFIGURATION WITH BIPOLAR RF ...

52) Family number: 30736029 (US2004143263A) © PatBase

Title: COMPRESSIBLE JAW CONFIGURATION WITH BIPOLAR RF OUTPUT ELECTRODES FOR SOFT TISSUE FUSION

Priority:

AU20040226371	20040326	AU20040233871	20040426	AU20100200346	20100129
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Family:

Publication number	Publication date	Application number	Application date
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WO04096012 A2	20041111	WO2004US12763	20040426	
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WO04096295 A3	20060330	WO2004US13739	20040423	

Probable Assignee: COVIDIEN LP

Assignee(s):(std)**:** SCHECHTER DAVID A ; TYCO HEALTHCARE ; SHERWOOD SERV AG ; ROBINSON WILLIAM S ; SARTOR JOE DON ; SCHMALTZ DALE FRANCIS ; WHITFIELD KENNETH H ; VIOLA FRANK J ; SARTOR JOE D ; SCHMALTZ DALE F ; WENCHELL THOMAS ; TYCO HEALTHCARE GROUP LLP ; TYCO HEALTHCARE GROUP LP ; SHERWOOD SERVICES AG ; BAILY ALI ; COVIDIEN AG ; JOHNSON KRISTIN D ; HADBA AHMAD R ; GREENHALG SKOTT ; FARASCIONI DAVID ; IVANKO DAVID ; GREENHALGH SKOTT

; COVIDIEN LP ; JACOB BRIAN P ; ARANYI ERNEST ; ARTS GENE ; SINAI SCHOOL MEDICINE

Assignee(s): TYCO HEALTHCARE GROUP LP MANSFIELD ; ARTS GENE H ; COVIDIEN LP MANSFIELD ; MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIV ; ROBINSON WILLIAM ; MOUNT SINAI SCHOOL OF MEDICINE ; TYCO HEALTHCARE GROUP AG

Inventor(s):(std)**:** HADBA AHMAD R ; IVANKO DAVID ; JACOB BRIAN P ; JOE DON SARTOR ; JOHNSON KRISTIN D ; ROBINSON WILLIAM ; ROBINSON WILLIAM S ; SARTOR JOE ; SARTOR JOE D ; SARTOR JOE DON ; SCHECHTER DAVID A ; SCHMALTZ DALE F ; SCHMALTZ DALE FRANCIS ; SKOTT GREENHALG ; THOMAS WENCHELL ; TYCO HEALTHCARE GROUP LP ; VIOLA FRANK ; VIOLA FRANK J ; WENCHELL THOMAS ; ARANYI ERNEST ; ARTS GENE ; ARTS GENE H ; BAILY ALI ; DALE FRANCIS SCHMALTZ ; DAVID FARASCIONI ; FARASCIONI DAVID ; WHITFIELD KENNETH ; WHITFIELD KENNETH H ; WILLIAM S ROBINSON ; FRANK J VIOLA ; GENE ARTS ; GREENHALG SKOTT ; GREENHALGH SKOTT

Inventor(s): HADBA AHMAD ; GREENHALG SKOTT WYNDMOOR ; SCHMALTZ DALE ; SARTOR JOE DON LONGMONT ; ROBINSON WILLIAM S BOULDER ; IVANKO DAVID SAN DIEGO ; ARTS GENE BERTHOUD ; FARASCIONI DAVID BETHEL ; WENCHELL THOMAS DURHAM

Agent(s): SPRUSON AND FERGUSON; MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; HOFFMANN EITLE; SIEGERT GEORG; SOAMES CANDIDA JANE; BIRTLE ZOE ELIZABETH; DE ELZABURU ALBERTO; MARK FARBER ESQ US SURGICAL; MARK FARBER UNITED STATES SURGICAL; UNITED STATES SURGICAL , A DIVISION OF TYCO HEALTHCARE GROUP LP; UNITED STATES SURGICAL A DIVISION OF TYCO HEALTHCARE GROUP LP; US SURGICAL A DIVISION OF TYCO HEALTHCARE GROUP; COVIDIEN; TYCO HEALTHCARE GROUP LP; TYCO HEALTHCARE GROUP LP,ATTN: IP LEGAL; TYCO HEALTHCARE GROUP LP ATTN IP LEGAL; FISH AND RICHARDSON PC

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

International class (IPC 8–9): A61B1/00 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/04 A61B17/068 A61B17/072 A61B17/08 A61B17/10 A61B17/11 A61B17/115 A61B17/12 A61B17/122 A61B17/128 A61B17/28 A61B17/29 A61B17/34 A61B17/94 A61B18/00 A61B18/04 A61B18/12 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61K31/055 A61K31/09 A61K31/133 A61K31/14 A61K31/155 A61K31/165 A61K31/18 A61K31/357 A61K31/395 A61K31/407 A61K31/43 A61K31/47 A61K31/496 A61K31/545 A61K31/575 A61K31/65 A61K31/665 A61K31/7028 A61K31/7036 A61K31/7048 A61K31/7056 A61K31/765 A61K33/18 A61K33/24 A61K38/02 A61K38/12 A61K38/14 A61K38/20 A61K38/21 A61K38/22 A61K47/34 A61L17/10 A61L17/12 A61L17/14 A61M1/00 A61M39/06 A61M5/178 A61P17/02 A61P29/00 A61P31/00 C08K5/098 C08K5/10 C08K5/101 C08L67/04 D03D15/08 D03D3/02 F16J15/50 H01R12/00 H01R13/62 H01R4/50 (Advanced/Invention);
A61B17/00 A61B17/04 A61B17/11 A61B17/29 A61B17/34 A61B18/00 A61B19/00 (Advanced/Non–invention);
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A61B17/00 A61B17/03 A61B18/00 A61B19/00 (Core/Non–invention)

International class (IPC 1–7): A61B1/00 A61B1/32 A61B17/04 A61B17/072 A61B17/10 A61B17/11 A61B17/28 A61B17/34 A61B18/14 A61B18/18 A61F2/02 A61F7/00 A61K A61L A61L2/00 A61M5/178 A61N1/30 H01R13/62 H01R4/24

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European class: A61B17/072B A61B17/072R A61B17/122 A61B17/128 A61B17/128E A61B17/34G A61B17/34G4 A61B17/34G4A A61B17/34G4H A61B17/34H A61B18/14 A61B18/14B

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US class: 1/1 128/898 128/898S 227/130 227/132 227/175.1 227/175.100P 227/175.100S 227/176.1 227/176.100P 227/177.1 227/177.100P 227/179.1 227/180.1 227/19 227/19S 424/426 424/426P 424/444 424/444P 424/600 424/600S 424/617 424/617S 424/78.37 424/78.370S 424/85.1 424/85.100S 424/85.2 424/85.200S 424/85.4 424/85.400S 439/404 439/404P 439/495 439/77 514/152 514/152S 514/182 514/182S 514/183 514/183S 514/192 514/192S 514/2.3 514/2.300S 514/200 514/200S 514/210.09 514/210.090S 514/23 514/23S 514/254.11 514/254.110S 514/27 514/27S 514/29 514/29S 514/312 514/312S 514/40 514/40S 514/452 514/452S 514/601 514/601S 514/628 514/628S 514/635 514/635S 514/642 514/642S 514/669 514/669S 514/721 514/721S 514/735 514/735S 514/772.7 514/772.700S 514/99 514/99S 600/184 600/207 600/207P 600/208 600/208P 600/210 604/164.01 604/167.01 604/167.010P 604/167.010S 604/167.02 604/167.03 604/167.030P 604/167.06 604/30 604/34 604/500 604/500S 604/506 604/506P 606/108 606/139 606/139S 606/142 606/142P 606/144 606/153 606/153S 606/205 606/214 606/27 606/33 606/33P 606/34 606/41 606/45 606/45P 606/49 606/49S 606/51 606/51P 606/52 606/52P 607/96 607/96P

Classification Explorer

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US2008251569, US2008249527, US2008228179, US2008221389, US2008216844, US2008215051, US2008215048, US2008210738, US2008195093, US2008185419, US2008173689, US2008172052, US2008172048, US2008169328, US2008140115, US2008125767, US2008116244, US2008114356, US2008110959, US2008097454, US2008097435, US2008097429, US2008091189, US2008082126, US2008082125, US2008082124, US2008082115, US2008078808, US2008078807, US2008078806, US2008078805, US2008078803, US2008078802, US2008078801, US2008078800, US2008058802, US2008051735, US2008045947, US2008039835, US2008039831, US2008033533, US2008033428, US2008029577, US2008029575, US2008029574, US2008029572, US2008029571, US2008029570, US2008021450, US2008021359, US2008015575, US2008015564, US2008009860, US2008004571, US2008004569, US2007295780, US2007282318, US2007270790, US2007270784, US2007262116, US2007260273, US2007260242, US2007260241, US2007260238, US2007260235, US2007260186, US2007260121, US2007260117, US2007255279, US2007239195, US2007233053, US2007227316, US2007221701, US2007213712, US2007213711, US2007213708, US2007213707, US2007213706, US2007207189, US2007203510, US2007203509, US2007194082, US2007194079, US2007179528, US2007179476, US2007179408, US2007179403, US2007175964, US2007175962, US2007175961, US2007175960, US2007175958, US2007175957, US2007175956, US2007175955, US2007175953, US2007175952, US2007175949, US2007173814, US2007173811, US2007170225, US2007158385, US2007156140, US2007156139, US2007142834, US2007142833, US2007118111, US2007106317, US2007106297, US2007106295, US2007102476, US2007102475, US2007102474, US2007102473, US2007102472, US2007102452, US2007088356, US2007078459, US2007078456, US2007075114, US2007074807, US2007072515, US2007068990, US2007062017, US2007049920, US2007045379, US2007043353, US2007043352, US2007005132, US2007005001, US2006271041, US2006264931, US2006264922, US2006241671, US2006229560, US2006224158, US2006217709, US2006190035, US2006189981, US2006189980, US2006173452, US2006167452, US2006167450, US2006161150, US2006135992, US2006129146, US2006106379, US2006089670, US2006085034, US2006085030, US2006084973, US2006079933, US2006079891, US2006079890, US2006074417, US2006074416, US2006064086, US2006064085, US2006052779, US2006052778, US2006052777, US2006047284, US2006025760, US2005245965, US2005240179, US2005222616, US2005203504, US2005137592, US2005113827, US2005113821, US2005107785, US2005101952, US2005021027, US2005021025, US2004254573, US2004249374, US2004249371, US2004162557, US2004162552, US2004158320, US2004147925, US2004138655, US2004122423, US2004115296, US2004082952, US2004010250, US2003229344, US2003114850, US2003109875, US2003018332, US2002188294, JP6092769, JP5179465, JP2015523119, JP2015097820, JP2013525049, JP2013505090, JP2013099533, JP2013048973, JP2011156362, JP2010005399, JP2010005398, JP2009536042, JP2009528132, JP2009297519, JP2009261952, JP2009078145, JP2008296022, JP2007296369, JP2007117725, JP2007021189, GB2433128, GB2433128, FR2941569, ES2324267, EP2901948, EP2786724, EP2656804, EP2656804, EP2656803, EP2656803, EP2517659, EP2505164, EP2476384, EP2455033, EP2436323, EP2425865, EP2359761, EP2353534, EP2314243, EP2298206, EP2275149, EP2253284, EP2238927, EP2158925, EP2143392, EP2090244, EP2042117, EP1993520, EP1946715, EP1886637, EP1852079, EP1834594, EP1815804, EP1769755, EP1769754, EP1743660, EP1707143, EP1523948, DE102016202456, DE102016202456, DE102009042438, CN104739490, CN104349731, CN104349731, CN104334100, CN102727301, CN102711641, CN102247208, AU2013200752, AU2011250824, AU2009223316, AU2008221509, AU2007221050, AU2007203683, AU2007200431, AU2006222719, AU2006202432,

Abstract:
Source: US2004143263A The present disclosure relates to electrosurgical instruments for use in sealing various tissues. The instrument includes a housing having a shaft attached thereto and an end effector assembly attached to a distal end of the shaft, wherein the end effector assembly includes first and second jaw members attached thereto. The jaw members are movable relative to one another from a first position for approximating tissue to at least one additional position for grasping tissue therebetween. The jaw members have an elastomeric material disposed on an inner facing tissue contacting surface thereof with the elastomeric materials including an electrode disposed therein. The electrodes are offset a distance X relative to one another such that when the jaw members are closed about the tissue and when the electrodes are activated, electrosurgical energy flows through the tissue in a generally coplanar manner relative to the tissue contacting surfaces.

0) US2003205898A – HIGH PRESSURE REINFORCED RUBBER HOSE SWAGE OR C...

53) Family number: 29540936 (US2003205898A) © PatBase

Title: HIGH PRESSURE REINFORCED RUBBER HOSE SWAGE OR CRIMPED COUPLING AND METHOD OF ATTACHMENT

Priority: US20020377393P 20020503 US20030429156 20030502 US20070708530 20070220 WO2003US13680 20030502

Family:

Publication number	Publication date	Application number	Application date
AU2003234434 AA	20031117	AU20030234434	20030502
CA2483714 AA	20041022	CA20032483714	20030502
CA2483714 C	20100330	CA20032483714	20030502
CN100378393 C	20080402	CN20038010031	20030502
CN1650127 A	20050803	CN20038010031	20030502
EP1502050 A1	20050202	EP20030728659	20030502
EP1502050 B1	20161214	EP20030728659	20030502
US2003205898 AA	20031106	US20030429156	20030502
US2007157443 AA	20070712	US20070708530	20070220
US7338090 BB	20080304	US20030429156	20030502
WO03093718 A1	20031113	WO2003US13680	20030502

Probable Assignee: BALDWIN AND LOKE

Assignee(s):(std)**:** BALDWIN GARDNER T ; DELEON VICTOR J ; SWEENEY LARRY M ; SWEENEY LARRY J

Assignee(s): GEORGE MYER CO INC ; BALDWIN AND LOKE

Inventor(s):(std)**:** SWEENEY LARRY J ; VICTOR J DELEON ; SWEENEY LARRY M ; LARRY J SWEENEY ; GARDNER T BALDWIN ; DELEON VICTOR J ; BALDWIN GARDNER T

Inventor(s): BALDWIN GARDNER ; DELEON VICTOR ; SWEENEY LARRY

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; WHITE NICHOLAS JOHN; ALWORTH LAW AND ENGINEERING; ALWORTH C W; C W

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

International class (IPC 8–9): B23P19/04 F16L33/00 F16L33/01 F16L33/20 F16L33/207 (Advanced/Invention); B23P19/04 (Core/Invention)

International class (IPC 1–7): F16L31/00 F16L33/20

CPC: F16L33/01 F16L33/2073

European class: F16L33/01 F16L33/207B2

US class: 285/222.1 285/222.100S 285/256 285/256P 285/328 285/382 29/237

Classification Explorer

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Forward Citations: WO13137968, WO13019274, WO12175148, WO12175148, WO11159535, WO11075723, WO10098833, WO10053815, WO10046201, US9771708, US9561584, US9476529, US9255657, US9217527, US9212771, US8888141, US8683905, US8439405,

US8074686, US8065783, US8042252, US7946629, US7712377, US7543368, US7264021, US7080860, US2015176735, US2014252763, US2013232767, US2013167704, US2012133125, US2011309613, US2011272943, US2011148099, US2011101680, US2011027683, US2010230952, US2010229995, US2010187814, US2010115758, US2009146420, US2008184824, US2008106097, US2007296209, US2007221283, US2006123617, US2006118195, US2006054231, US2004020545, NL2000894, KR20110116249, KR101648236, JP5755570, JP2012518770, EP2739891, EP2401541, EP2401541, EP2243992, EP2045501, CN103782078, CN103782078, CN103089767, CN103089767, CN103026117, CN102679055, CN102679055, CN102414498,

Abstract:
Source: US2003205898A Swage end−connector for high pressure reinforced flexible hose particularly suitable in the petrochemical and drilling industries for hoses. Two connectors are disclosed one for intermediate hose pressure burst ratings up to 12,500 psi and internal diameters up to 3½ inches and higher hose pressure burst ratings up to 18,750 psi and internal diameters up to 4 inches. Both embodiment connectors will withstand the rated burst pressure of the hose to which they are connected and will withstand a pump−off force that exceeds the burst pressure of the hose. That is, the hose will fail before the connector pops off the hose.

0) US2013067831A – ANCHOR BOLT DEVICES AND OPERATING METHODS FOR R...

54) Family number: 53246263 (US2013067831A) © PatBase

Title: ANCHOR BOLT DEVICES AND OPERATING METHODS FOR RESIDENTIAL AND COMMERCIAL STRUCTURES

Priority:
AU20120308171 20120917 US20110573943P 20110915 US20120613127 20120913
US20120613213 20120913 US20120136134 20120913 US20120308171 20120917
US20120613441 20120326 US20120685788P 20120326 US20120685790P 20120326
US20120685792P 20120326 US20120613441 20120913 US20120685793P 20120326
US20120685791P 20120326 US20120613365 20120913 US20120685796P 20120326
US20120685794P 20120326 US20130850984 20130326 WO2012US55809 20120917
WO2013US33936 20130326 WO2013US33936 20120326

Family:

Publication number	Publication date	Application number	Application date
AU2012308171 AA	20130321	AU20120308171	20120917
AU2012308171 BB	20160317	AU20120308171	20120917
AU2012308171 BI	20160421	AU20120308171	20120917
AU2013239793 AA	20131003	AU20130239793	20130326
AU2013239793 BB	20160609	AU20130239793	20130326
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CA2849014 AA	20140317	CA20132849014	20130326
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CN103890290 A	20140625	CN201280045132	20120917
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KR20140139089 A	20141204	KR20147030013	20130326
SG11201400700Q A1	20140627	SG20141100700	20120917
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US2013067837 AA	20130321	US20120613441	20120913
US2013067839 AA	20130321	US20120613213	20120913
US2013067851 AA	20130321	US20120613365	20120913
US2013247485 AA	20130926	US20130850984	20130326

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US8919050 BB	20141230	US20130850984	20130326	
US9151038 BB	20151006	US20120613127	20120913	
US9297161 BB	20160329	US20120613365	20120913	
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WO13040590 A3	20130502	WO2012US55809	20120917	
WO13148725 A1	20131003	WO2013US33936	20130326	

Probable Assignee: SR SYSTEMS LLC

Assignee(s):(std)**:** DRUMMOND SCOTT ; DUPUY THOMAS J ; SR SYSTEMS LLC ; WALWORTH VAN T ; ZIMMERMAN STEVEN

Inventor(s):(std)**:** ZIMMERMAN STEVEN ; WALWORTH VAN T ; DUPUY THOMAS J ; DRUMMOND SCOTT

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; SCHAUMBURG THOENES THURN LANDSKRON ECKERT; SCHAUMBURG U PARTNER PATENTANWAELTE MBB; INO SARI; KURASAWA ICHIRO; MATSUSHITA MITSURU; DESHIMARU TAKESHI; KUMAKURA YOSHIO; HARNESS DICKEY AND PIERCE PLC; KRUL THOMAS J 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

International class (IPC 8–9)**:** E02D27/00 E02D27/28 E04B E04B1/00 E04B1/18 E04B1/24 E04B1/26 E04B1/38 E04B1/41 E04B1/92 E04B1/98 E04B7/02 E04B7/04 E04C2/52 E04C3/12 E04G21/18 E04G23/02 E04H E04H9/00 E04H9/02 E04H9/14 E04H9/16 E06B9/00 E06C1/34 (Advanced/Invention); E04B1/35 E04C3/17 E04H9/14 F16B9/02 (Advanced/Non–invention); E04B E04H (Subclass/Invention)

CPC: E06B9/00 E06B2009/005 E04H9/00 E04H9/021 E04H9/028 E04H9/029 F16B9/026 E02D27/00 E04B1/2604 E04B1/2608 E04B1/92 E04H9/027 E06C1/345 E04B1/4121 E04B1/41 E04B1/4114 E04B1/4157 E04G21/185 E04B2001/3583 E04C2003/026 E04B1/24 E04B1/2612 E04C3/17 E04B1/98 E04B9/00 E04H9/16 E04B7/045 E04B2001/2684 E04B2001/2696 E04B1/26 E04H9/14

US class: 1/1 411/388 52/105 52/167.1 52/167.3 52/220.1 52/285.1 52/293.3 52/698 52/704 52/707 52/745.21 52/92.2

Classification Explorer

Cited documents: WO08007325 A2, US8234826 BA, US8091291 BB, US8065846 BB, US8061088 BB, US8046966 BB, US7992352 BB, US7987636 BB, US7971411 BB, US7971410 BB, US7891110 BB, US7874124 BB, US7788878 BA, US7788873 BB, US7716877 BB, US7707785 BB, US7690167 BB, US7665257 BB, US7520102 BA, US7448172 BA, US7445192 BB, US7398620 BA, US7316098 BA, US7310914 BA, US7254919 BB, US7225589 BA, US7216467 BB, US7200972 BA, US7174689 BB, US7150132 BB, US7140155 BA, US7103984 BB, US7076924 BB, US6922968 BA, US6843027 BB, US6763634 BA, US6715258 BA, US6691488 BB, US6679023 BB, US6672014 BA, US6431517 BA, US6430881 BA, US6367205 BB, US6347916 BA, US6332299 BA, US6311449 BA, US6298612 BA, US6256960 BA, US6230466 BA, US6161339 A, US6105332 A, US6094873 A, US6065730 A, US6014843 A, US6003271 A, US5881501 A, US5836132 A, US5699639 A, US5491935 A, US5487244 A, US5481844 A, US5448861 A, US5388804 A, US5384993 A, US5380115 A, US5349800 A, US5335469 A, US5333426 A, US5327699 A, US5317850 A, US5315800 A, US5311708 A, US5240224 A, US5111632 A, US5060436 A, US5050364 A, US4982545 A, US4932173 A, US4890436 A, US4875314 A, US4872298 A, US4669235 A, US4455792 A, US4420913 A, US4410294 A, US4335555 A, US4321776 A, US4229915 A, US4198175

A, US4117643 A, US4073103 A, US4037384 A, US3967908 A, US3964268 A, US3963210 A, US3902280 A, US3785108 A, US3755982 A, US3668828 A, US3552734 A, US3305989 A, US3300929 A, US2013067839 AA, US2013000235 AA, US2010236158 AA, US2010162638 AA, US2008282641 AA, US2008253830 AA, US2008244993 AA, US2008016791 AA, US2007258792 AA, US2007094992 AA, US2007028542 AA, US2007011965 AA, US2006254167 AA, US2006254167, US2006254166 AA, US20060254167, US2006016140 AA, US2005284057 AA, US2005120666 AA, US2005120665 AA, US2005086888 AA, US2004079034 AA, US2004049993 AA, US2003182875 AA, US2003024174 AA, US2003024174, US20030024174, US05384993, US05333426, US05311708, US04932173, US03902280, KR101124523 B1, KR101124523 B1, JP6322906 A2, JP6306944 A2, JP6223906 U, JP62023906 U1, JP4327627 A2, JP3158775 U, JP3158775 U, JP2011153437 A2, JP2011153437, JP2009293214 A2, JP2009263897 A2, JP2005536670 T2, JP2005536670, JP2004176525 A2, JP2003343017 A2, JP2002235377 A2, JP2002235377, JP2001317061 A2, JP2001254439 A2, JP2001254439, JP2000273987 A2, JP2000273987, JP11229506 A2, JP11229506, JP06306944, FR2730261 A1, EP2339186 A1, EP1514974 A1, EP1308573 A1, EP1213399 A2, DE2911427 A1, CN202031246 U, CN1854424 A, CN102002990 A, CN101139852 A,

Forward Citations: WO17052386, US9556608, US9512593, US8919050, US8726581, US2017121958, US2016047116, US2016017594, US2013247485, US2013067837, KR20170009223, KR101708004,

Abstract:
Source: US2013067831A An anchor bolt device includes an anchor bolt having a threaded first end and a second end. A flange portion has the threaded first end of the anchor bolt extending freely therefrom. The flange portion defines a planar surface aligned in parallel with a surface of a concrete foundation when the second end of the anchor bolt is received in the concrete foundation. A raised column projection having a threaded portion through which the threaded first end of the anchor bolt is threadably received. The raised column projection is set to a user defined position. The flange portion extends radially outward from and is integrally connected to the raised column projection. The flange portion has at least one offset tab used to position the device a defined distance away from a boundary of a concrete foundation wall. The offset tab includes a series of marks defining multiple break points.

0) US2006151194A – ENHANCED ELECTRICAL CABLES

55) Family number: 33112094 (US2006151194A) © PatBase

Title: ENHANCED ELECTRICAL CABLES

Priority:
CA20072609886 20071106 EP20060701794 20060112 US20050033698 20050112
US20060813755 20060112 US20080063231P 20080201 US20070980340P 20071016
US20070985771P 20071106 US20060561646 20061120 US20050146596 20050607
WO2006IB50119 20060112 US20080176596 20080721 US20090356599 20090121
US20080813755 20080313 US20080252553 20081016 US20090455331 20090601
US20090554229 20090904 US20130857561 20130405 US20140462466 20140818
WO2006IB50119 20080313

Family:

Publication number	Publication date	Application number	Application date
AT534127 E	20111215	AT20060701794T	20060112
AU2006205539 AA	20060720	AU20060205539	20060112
AU2006205539 BB	20110609	AU20060205539	20060112
AU2006205539 CA	20130124	AU20060205539	20060112
BRPI0900142 A2	20090922	BR2009PI00142	20090129
CA2594393 AA	20070705	CA20062594393	20060112
CA2594393 C	20140225	CA20062594393	20060112
CA2609886 AA	20080520	CA20072609886	20071106
CA2609886 C	20130702	CA20072609886	20071106
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CN101133464 B	20110420	CN200680007178	20060112
DE602006025830 D1	20120112	DE200660025830T	20060112
DK1854107 T3	20120305	DK20060701794T	20060112
EA010402 B1	20080829	EA20070001493	20060112
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EP1854107 B1	20111116	EP20060701794	20060112
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IN03079CN2007 A	20071116	IN2007CN03079	20070711
IN267289 B	20150717	IN2007CN03079	20070711
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Probable Assignee: SERVICES PETROLIERS SCHLUMBERGER

Assignee(s):(std)**:** KIM BYONG ; SAIT NOOR ; SCHLUMBERGER CA LTD ; KIM BYONG JUN ; SAIT NOOR F ; SBORDONE ANDREA ; LOZANO GENDREAU JOSE RAMON ; ARDIC HIFZI ; BILLINGHAM MATTHEW ; EL KHOLY ISMAIL ; FULIN WAYNE ; GILLAN PETER ; HERNANDEZ SOLIS VLADIMIR ; PRAD RES AND DEV LTD ; JACOB GREGOIRE ; PESSIN JEAN LOUIS ; VARKEY JOSEPH ; SRIDHAR GARUD ; SCHLUMBERGER SERVICES PETROL ; SCHLUMBERGER HOLDINGS ; SCHLUMBERGER TECHNOLOGY BV ; SCHLUMBURGER TECHNOLOGY CORP ; SCHLUMBERGER TECHNOLOGY CORP ; SMITS JAN W

Assignee(s): SHLJUMBERGER TEKNOLODZHI BV ; SERVICES PETROLIERS SCHLUMBERGER SOC ANONYME ; SERVICES PETROLIERS SCHLUMBERGER ; SCHLUMBERGER HOLDINGS LTD ; SCHLUMBERGER CANADA LTD ; PRAD RESEARCH AND DEVELOPMENT LTD

Inventor(s):(std)**:** BYONG KIM JUN ; EHRNANDES SOLIS VLADIMIR ; FULIN WAYNE ; GARUD SKRIDHAR ; GARUD SRIDHAR ; GILLAN PETER ; GILLAN PITER ; HERNANDEZ SOLIS VLADIMIR ; ARDIC HIFZI ; ARDIK KHIFZI ; BILLINGHAM MATTHEW ; KIM BYONG ; KIM BYONG J ; KIM BYONG JUN ; LOZANO GENDREAU JOSE RAMON ; LOZANO ZHENDRO KHOSE RAMON ; NOOR SAIT ; SAIT NOOR ; SAIT NOOR F ; SBORDONE ANDREA ; SMITS JAN V ; SMITS JAN W ; SRIDHAR GARUD ; VARKEY JOSEPH ; VARKEY JOSEPH P ; VARKEY JOSPEH ; VARKI DZHOZEF ; WAYNE FULIN ; JOSEPH VARKEY ; PESSIN JEAN LOUIS ; JACOB GREGOIRE ; EL KHOLY ISMAIL

Inventor(s): JOSPEH VARKEY ; VARKEY JOSEPH MISSOURI CITY ; SRIDHAR GARUD STAFFORD ; KIM BYONG JUN SUGAR LAND ; FULIN WAYNE SUGAR LAND ; VLADIMIR HERNANDEZ SOLIS ; PETER GILLAN ; BYONG JUN KIM ; HIFZI ARDIC ; JAN W SMITS ; JOSE RAMON LOZANO GENDREAU

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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 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

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E21B23/00 E21B47/12 (Advanced/Non–invention);
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E21B47/12 (Core/Non–invention)

International class (IPC 1–7): H01B7/04

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European class: B65B37/00 E21B17/00 E21B17/02E E21B17/20D E21B47/12 H01B13/14B H01B7/04E H01B7/18U H02G1/10 P21B23/00T

US class: 1/1 141/11 141/67 141/69 141/70 166/250.01 166/278 166/280.2 166/305.1 166/308.1 166/308.100S 166/335 166/336 166/339 166/352 166/385 166/385S 166/66 166/66S 166/67 166/67S 166/77.1 174/102.00R 174/102R 174/106.00R 174/106.00RP 174/106R 174/107 174/113R 174/68.1 174/74R 174/75R 174/79 174/84R 241/39 241/5 340/853.1 340/853.100S

Classification Explorer

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Forward Citations: WO17074357, WO16141194, WO16118549, WO16029095, WO16022094, WO15184369, WO15175481, WO15167456, WO15073012, WO14202356, WO14062394, WO13172985, WO13172985, WO13126082, WO13119556, WO13082134, WO13052543, WO13052543, WO12159062, WO12152077, WO12015868, WO12015868, WO11106513, WO11106513, WO11076865, WO11037974, WO11037974, WO11021999, WO10121015, WO10121015, WO10105173, WO09118684, WO09118684, WO09069078, WO09069078, US9798036, US9767938, US9757874, US9747355, US9691523, US9685257, US9679677, US9677359, US9673627, US9659680, US9627100, US9624350, US9623437, US9616825, US9583233, US9570910, US9522483, US9484132, US9449737, US9443635, US9441431, US9412492, US9410644, US9409355, US9368260,

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Abstract:
Source: US2006151194A Wellbore electrical cables according to the invention include at least one insulated conductor, at least one layer of armor wires surrounding the insulated conductor, and a polymeric material disposed in the interstitial spaces formed between armor wires and interstitial spaces formed between the armor wire layer and insulated conductor which may further include wear resistance particles or even short fibers, and the polymeric material may further form a polymeric jacket around an outer, layer of armor wires. The insulated conductor is formed from a plurality of metallic conductors encased in an insulated jacket. The invention also discloses a method of preparing a cable by extruding first layer of polymeric material upon at least one insulated conductor; serving a first layer of armor wires upon the polymeric material; softening the polymeric material to partially embed armor wires; extruding a second layer of polymeric material over the armor wires; serving a second layer outer armor wires thereupon; softening the polymeric material to partially embed the second armor wire layer; and optionally extruding a third layer of polymeric material over the outer armor wires embedded in the second layer of polymeric material. Further disclosed are methods of using the cables of the invention in seismic and wellbore operations, including logging operations.

- **search:** SS12 TAC=(hook or carabiner or connector) and FT=((wire or cable or line) W3 (embedded or inside or includ*) and reinforce*) (Results 5948)
- **search:** SS13 (12) and PD<20140219 (Results 4926)
- **search:** SS14 (13) and FT=heigh* (Results 1887)
- List: SS14 1–50 ((13) and FT=heigh*) (Results 1887)

0) US2010166475A – TAPE PRINTER

1) Family number: 45844818 (US2010166475A) © PatBase

Title: TAPE PRINTER

Priority:

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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 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

International class (IPC 8–9): B23B B41J B41J11/00 B41J11/42 B41J11/44 B41J11/46 B41J11/58 B41J15/00 B41J15/02 B41J15/04 B41J17/24 B41J17/30 B41J17/32 B41J2/005 B41J2/315 B41J2/32 B41J2/325 B41J2/485 B41J21/00 B41J29/00 B41J29/393 B41J29/46 B41J3/26 B41J3/36 B41J3/407 B41J32/00 B41J33/04 B41J33/10 B41J33/14 B41J33/26 B41J33/52 B41J35/04 B41J35/06 B41J35/28 B41J35/36 B65H16/02 B65H16/06 B65H19/00 B65H19/12 B65H23/035 B65H23/06 B65H26/00 B65H43/00 B65H7/02 B65H7/06 B65H75/00 F16C13/00 G03G15/08 G11B23/04 (Advanced/Invention); B41J11/00 B41J15/04 B41J32/00 B65H19/12 B65H26/00 (Advanced/Non–invention); B41J11/00 B41J11/42 B41J11/44 B41J11/58 B41J15/00 B41J15/04 B41J29/46 B41J3/00 B41J3/36 B41J32/00 B41J33/00 B41J33/14 B41J35/04 B41J35/28 B65H19/12 B65H26/00 B65H7/02 B65H7/06 (Core/Invention); B41J15/04 B41J32/00 (Core/Non–invention); B41J (Subclass/Invention)

International class (IPC 1–7): B41J15/04 B41J3/407

CPC: B41J17/32 B41J35/36 B41J2/32 B41J15/02 B41J15/00 B41J33/14 B41J11/007 B41J2/0057 B41J3/4075 B41J11/008 B41J11/46 B41J2/325 B41J32/00 B41J15/044 B41J11/009

European class: B41J11/00U B41J15/04C B41J17/32 B41J3/407L

US class: 1/1 242/160.4 242/160.400P 242/590 242/590S 347/104 347/171 347/214 347/214P 347/218 347/221 400/194 400/194P 400/196 400/196P 400/207 400/207P 400/208 400/229 400/229P 400/236 400/242 400/611 400/613 400/613P 400/619 400/619P 400/76 400/76P 400/88

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Abstract:
Source: US2010166475A A tape printer includes a tape cassette including a housing, a cassette housing portion, a feeding device, a printing device, a plurality of detecting switches that protrude toward a side surface of the housing of the tape cassette installed in the cassette housing portion, a first determining device that, if a part of the detecting switches is pressed, determines that the tape cassette is installed, and a second determining device that, if a specific detecting switch among the detecting switches is pressed, determines that the tape cassette is not installed at a proper position. The tape cassette includes a first pressing portion that, if the tape cassette is installed at the proper position, presses a part of the detecting switches, and a second pressing portion that, if the tape cassette is not installed at the proper position, presses the specific detecting switch.

0) US2004059212A – APPARATUS AND METHOD FOR MEASURING BIOLOGIC PAR...

2) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Priority:

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Probable Assignee: GEELUX HOLDINGS LTD

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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 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 YU

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International class (IPC 8–9): A41D20/00 A42B3/04 A42C5/02 A61B A61B10/00 A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/021 A61B5/024 A61B5/04 A61B5/0476 A61B5/05 A61B5/053 A61B5/103 A61B5/11 A61B5/117 A61B5/145 A61B5/1455 A61B5/1486 A61B6/00 A61B8/08 A61F7/00 A61F7/12 A61K31/01 A61K31/785 A61K33/44 A61L27/54 A61L29/10 A61L31/08 A61L33/02 A61M21/02 A61P7/02 A61P9/04 B60H1/00 B60K28/06 B60T7/14 B60W10/00 B60W40/08 B60W50/00 B62D6/00 F24F11/02 G01B11/24 G01J1/02 G01J5/00 G01J5/10 G01K G01K1/00 G01K1/02 G01K1/16 G01K13/00 G01K13/02 G01K7/00 G01N21/35 G02B27/00 G02C11/00 G08B5/36 H04N5/225 H04N5/33 H04N7/18 (Advanced/Invention);
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A61B G01K G01N (Subclass/Invention)

International class (IPC 1–7): A61B5/00 A61B5/01 A61B5/04 G01B11/24 G01K1/02 G01N0/00 G02B27/00 G02C11/00

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US class: 1/1 250/338.1 250/339.11 250/339.15 250/341.1 250/341.8 340/539.12 348/77 351/158 374/121 374/141 374/163 374/170 374/185 374/208 374/45 374/E13.002 374/E13.002S 600/300 600/301 600/301P 600/309 600/310 600/315 600/315P 600/316 600/323 600/340 600/344 600/373 600/373P 600/474 600/476 600/479 600/549 600/549P 600/587 600/595 607/96 701/1 701/36 701/41 701/70 702/135

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2012324911A – DUAL–LOOP COOLING SYSTEM

3) Family number: 52599519 (US2012324911A) © PatBase

Title: DUAL–LOOP COOLING SYSTEM

Priority:

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Family:

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WO16069417 A1	20160506	WO2015US57262	20151024	

Probable Assignee: WISCONSIN ALUMNI RESEARCH FOUNDATION

Assignee(s):(std)**:** EBULLIENT LLC ; SHEDD TIMOTHY A ; WISCONSIN ALUMNI RES FOUND

Assignee(s): WISCONSIN ALUMNI RESEARCH FOUNDATION ; EBULLIENT INC

Inventor(s):(std)**:** BUCHANAN ROBERT A ; LINDEMAN BRETT A ; LINDERAN BRETT A ; LIU BRIAN B ; MEIVES MARK S ; RIPLEY KEVIN M ; RODARTE MARK A ; SHEDD TIMOTHY A ; TAYLOR TONY P

Agent(s): BOYARSKI NICHOLAS JAMES MR; HAVERKAMP JENS; BOYARSKI NICHOLAS J

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

International class(IPC 8–9)**:** F25B41/04 F25D17/02 F25D25/00 F25D31/00 F28C3/08 F28D1/02 F28D1/04 F28D1/053 F28D15/00 F28D15/02 F28D9/00 F28F1/36 F28F1/38 F28F13/00 F28F13/18 F28F25/10 F28F27/00 F28F7/02 F28F9/02 F28F99/00 G05D23/00 G06F1/20 H01L23/367 H01L23/46 H01L23/467 H01L23/473 H05K1/02 H05K7/14 H05K7/20 (Advanced/Invention)

CPC: H05K7/20254 H01L23/4735 H01L23/427 F28C3/08 G06F2200/201 F28D1/0233 F28F13/185 H01L23/3672 H05K1/0204 H05K7/1485 H05K7/1427 H05K7/20309 F28D15/02 F28F2250/08 F28D15/06 H01L23/473 H01L23/4006 H01L23/4012 H05K7/20363 H05K7/20836 F28F9/0258 F28D9/0093 F28D2021/0028 F28F3/048 F28F13/12 F28F2009/029 H05K7/20272 H05K7/2039 H05K7/20381 H05K7/208 H05K7/20818 H05K7/20772 F28D2021/0029 F28F13/06 H05K7/20809 H05K7/20827 H01L23/46 H01L2924/0002 H05K7/20327 F25B25/00 F25B41/00 F25B41/04 F25B2400/0401 F25B2400/0403 F25B2400/0409 F28D15/0266 F25B23/006 F25B41/003 F28D15/00 F28F3/12 F28F9/26 F28F13/02 F28F1/36 F28F7/00 F28F7/02 F28F9/0221 F28F9/0263 F28F21/06 F28F2265/26 G06F1/20 G06F1/206 Y02B60/1275

US class: 165/100 165/104.19 165/104.21 165/104.22 165/104.25 165/104.27 165/104.28 165/104.29 165/104.31 165/104.32 165/133 165/166 165/175 165/182 165/244 165/84 165/96 257/712 361/679.47 361/699 62/259.2 62/304 62/62

Classification Explorer

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Forward Citations: WO16069380, WO16069299, WO16069295, USD800675, USD800674, USD795821, USD786806, USD774473, USD774472, USD773409, USD773408, USD772823, USD772822, USD772179, USD772178, US9795062, US9743562, US9743561, US9715183, US9625182, US9622376, US9546821, US9451726, US9420728, US9357670, US9303909, US2017303443, US2017223871, US2017220084, US2017174037, US2017086325, US2017080821, US2017064873, US2017009604, US2016377358, US2016358842, US2016330873, US2016330865, US2016295748, US2016295747, US2016270267, US2016231059, US2016159454, US2016120059, US2016091262, US2015382507, US2015330685, US2015330684, US2015296659, US2015237763, US2015233619, US2015020775, US2014362530, US2014347641, US2014047855, US2012012282, JP6194966, JP2016145828, CN105115352,

Abstract:
Source: US2012324911A Disclosed are methods and apparatuses for cooling a work piece surface using a dual−loop cooling system. The system includes a vapor−compression loop and a liquid−evaporation loop. The loops are configured to prepare a coolant at or approximately at saturation for delivery into a chamber for cooling the surface. A preferred liquid−evaporation loop includes a chamber, a phase separator, a liquid pressurizer, and a vapor mixer that heats the coolant to or near its saturation temperature. A preferred vapor−compression loop includes the phase separator, a compressor, a condenser, an expansion valve, and a return line. The vapor mixer preferably heats the coolant by mixing liquid coolant with vapor coolant derived from the vapor−compression loop. A two−phase flow detector may be disposed downstream of the vapor mixer and be in communication with a vapor valve disposed upstream of the vapor mixer to ensure that an appropriate amount of vapor is fed into the vapor mixer to induce evaporation. Methods include cooling a surface by cycling a coolant through the liquid−evaporation loop and preparing the coolant at saturation with vapor derived from the vapor−compression loop.

0) US2003063867A – FIBER OPTIC PLUG

4) Family number: 42182463 (US2003063867A) © PatBase

Title: Fiber optic plug

Priority:

AU20050296272	20050330	AU20070231875	20071108	AU20090200969	20090311
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US20070980938	20071031	US20060528315	20060928	US20080247397	20081008
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WO2001US26355	20010823				

Family:

Publication number	Publication date	Application number	Application date
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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

International class (IPC 8–9): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44 G02B6/46 H01B11/22
H01B7/40 (Advanced/Invention);
G02B6/36 G02B6/38 (Advanced/Non–invention);
G02B6/36 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44

CPC: G02B6/4465 G02B6/4494 G02B6/3851 G02B6/4416 G02B6/46 G02B6/447 G02B6/3821 G02B6/3869 G02B6/387 G02B6/3885 G02B6/3894 G02B6/3897 G02B6/4405 G02B6/3893 G02B6/3849 G02B6/3816 G02B6/3873 G02B6/3879 G02B6/3887 G02B6/4429 G02B6/4471 G02B6/3831 G02B6/4433 G02B6/4476 G02B6/3825

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Abstract:
Source: US2003063867A A relatively small fiber optic plug is provided to facilitate pulling of the fiber optic plug and an associated fiber optic cable through small passageways. The fiber optic plug may include a shroud that protects the fiber optic connector and that may further define at least one opening, and preferably a pair of openings. The openings are sized to receive portions of an adapter sleeve once the fiber optic plug is mated with a fiber optic receptacle. The fiber optic plug may also include a cap mounted upon and adapted to swivel relative to the remainder of the fiber optic plug to serve as a pulling grip during installation of the fiber optic cable. Further, the fiber optic plug may include a crimp band that is mechanically coupled to both the fiber optic cable and the plug body in order to isolate the fiber optic connector from torque otherwise created by forces to which the fiber optic cable is subjected.

5) Family number: 30669270 (US2004120662A) © PatBase

Title: OPTICAL TUBE ASSEMBLY HAVING A DRY INSERT AND METHODS OF MAKING THE SAME

Priority:

AU20060275551	20060727	AU20120203406	20120608	EP20030786647	20031112
US20040847804	20040518	US20020326022	20021219	US20030661204	20030912
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Family:

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Probable Assignee: CORNING OPTICAL COMMUNICATIONS LLC

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Assignee(s): GREENWOOD JULIEN LATELLE III ; CORNING OPTICAL COMMUNICATIONS LLC HICKORY ; TEMPLE KENNETH D ; RHYNE TODD R ; RHONEY BRIAN K ; TORREY SCOTT M ; NAVE SAMUEL D ; MCCOLLOUGH W ; HALL DAVID C ; BELDEN

TECHNOLOGIES INC ; EASTON MARTYN N ; DEAN DAVID L ; CCS TECHNOLOGY INC ; CORNING C LE SYSTEMS LLC AB

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; EPPING HERMANN FISCHER; EPPING – HERMANN – FISCHER; CARVAJAL Y ISABEL; KUMAKURA YOSHIO; INO SARI; DESHIMARU TAKESHI; SHISHIDO KAICHI; OHTSUKA FUMIAKI; KURASAWA ICHIRO; MATSUSHITA MITSURU; TEXAS INSTRUMENTS INC; CORNING CABLE SYSTEMS LLC; CORNING INC; MICHAEL E; MONTGOMERY C KEITH; C KEITH; STEVEN A; W JAMES; FREDERICK J; WILLIAM D; CARROLL MICHAEL E JR

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 YU ZA ZM ZW

International class (IPC 8–9): G02B6/02 G02B6/028 G02B6/036 G02B6/14 G02B6/255 G02B6/38 G02B6/44 H01B11/22 H04L12/28 H04L12/56 H04N7/12 H04W4/00 (Advanced/Invention);
G02B6/028 G02B6/44 (Advanced/Non–invention);
G02B6/02 G02B6/44 H04L12/28 H04L12/56 H04N7/12 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/44 H01B7/00 H04N7/12

CPC: G02B6/4429 G02B6/4411 G02B6/448 G02B6/4484 G02B6/4479 G02B6/4475 G02B6/4495 G02B6/14 G02B6/441 H04N21/4305 H04N21/8547 H04W28/14 G02B6/4434 G02B6/02357 G02B6/0365 G02B6/4404 G02B6/4433 G02B6/4483 G02B6/4494 G02B6/4401 G02B6/3887 G02B6/3885 G02B6/3851 G02B6/4473 G02B6/2551 G02B6/0281 G02B6/4403 G02B6/443

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US class: 1/1 370/329 375/240.26 375/240.260S 375/240.28 375/240.280P 385/100 385/100P 385/100S 385/102 385/102S 385/103 385/103P 385/104 385/105 385/105S 385/106 385/106P 385/107 385/107P 385/108 385/111 385/111P 385/113 385/113P 385/113S 385/114 385/114P 385/114S 385/78 385/96

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Abstract:
Source: US2004120662A An optical tube assembly and methods of manufacturing the same include a tube, at least one optical waveguide, and a dry insert. In one embodiment, the dry insert generally surrounds the at least one optical waveguide and forms a core that is disposed within the tube. In one embodiment, the dry insert is compressed at least about 10 percent for coupling the at least optical waveguide to the interior surface of the tube.

6) Family number: 30050687 (US2006012024A) © PatBase

Title: SEMICONDUCTOR CHIP ASSEMBLY WITH METAL CONTAINMENT WALL AND SOLDER TERMINAL

Priority:

US20000687619 20001003 US20000687619 20001013 US20010939140 20010824
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Family:

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Probable Assignee: BRIDGE SEMICONDUCTOR CORP

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Inventor(s):(std)**:** WANG JIA ZHONG ; WANG CHIA CHUNG ; SIGMOND DAVID M ; LIN WEN CHIANG ; LIN CHARLES W C ; LIN CHARLES W ; LIN CHARLES ; LEU CHUEN RONG ; CHEN

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Inventor(s):	LIN CHARLES WC ; CHARLES LIN ; WANG JIA JUNG
Agent(s):	DAVID M SIGMOND; DAVID M; SIGMOND DAVID M
International class (IPC 8–9):	H01L23/06 H01L23/48 H01B13/00 H01L21/00 H01L21/44 H01L21/48 H01L21/50 H01L21/60 H01L23/02 H01L23/04 H01L23/053 H01L23/12 H01L23/28 H01L23/31 H01L23/485 H01L23/488 H01L23/495 H01L23/498 H01L23/52 H01L23/538 H05K3/06 H05K3/40 (Advanced/Invention); H05K3/40 (Advanced/Non–invention); H01B13/00 H01L21/02 H01L23/02 H01L23/12 H01L23/28 H01L23/48 H01L23/52 H05K3/06 H05K3/40 (Core/Invention); H01L23/06 H01L23/48 H05K3/40 (Core/Non–invention)
International class (IPC 1–7):	H01L21/44 H01L21/48 H01L21/50 H01L23/02 H01L23/28 H01L23/48
CPC:	H01L2924/1815 H01L2224/29111 H01L2924/0132 H01L2924/0134 H01L2924/0133 H01L2224/48624 H01L2224/48655 H01L21/563 H01L2224/82 H01L2224/86 H01L2225/06527 H01L2221/68359 H01L23/49805 H01L25/50 H01L2224/1308 H01L2224/16227 H01L2224/29 H01L2224/29298 H01L2224/45111 H01L2224/45124 H01L2224/45155 H01L2224/45164 H01L2224/83102 H01L2224/85207 H01L2224/92125 H01L2924/18161 H01L2224/48228 H01L2224/73217 H01L2224/76155 H01L2924/01083 H01L2924/078 H01L2224/4809 H01L2224/85001 H01L2225/06575 H01L2924/20752 H01L21/4846 H01L23/3107 H01L2224/32057 H01L2224/83121 H01L2224/83194 H01L2224/83385 H01L2924/01202 H01L2924/01203 H01L23/13 H05K3/3436 H05K2201/09036 H05K2201/09472 H01L21/4832 H01L23/5384 H01L2224/16237 H01L24/20 H01L24/27 H01L25/0655 H01L2221/68327 H01L2224/0345 H01L2224/03462 H01L2224/03464 H01L2224/0347 H01L2224/05073 H01L2224/05082 H01L2224/051 H01L2224/05118 H01L2224/056 H01L2224/11001 H01L2224/11011 H01L2224/11849 H01L2224/12105 H01L2224/1301 H01L2224/13111 H01L2224/13147 H01L2224/2101 H01L2224/2105 H01L2224/215 H01L2224/27001 H01L2224/27011 H01L2224/2901 H01L2224/2902 H01L2224/29082 H01L2224/291 H01L2224/29101 H01L2224/29191 H01L2224/29198 H01L2224/2929 H01L2224/293 H01L2224/3001 H01L2224/301 H01L2224/3205 H01L2224/8385 H01L2224/83851 H01L2224/83855 H01L2224/8388 H01L23/36 H01L23/49517 H01L2924/18162 H01L2924/18165 H01L23/49827 H01L24/32 H01L24/48 H01L2224/32145 H01L2224/32225 H01L2224/48599 H01L2924/01014 H01L21/568 H01L24/24 H01L24/29 H01L24/81 H01L24/83 H01L2221/68345 H01L2224/24226 H01L2224/2919 H01L2224/73204 H01L2224/73215 H01L2224/8121 H01L2224/81815 H01L2224/83191 H01L2224/83856 H01L2224/9202 H01L2924/0665 H01L2924/07802 H01L24/16 H01L24/90 H01L2224/45015 H01L2225/0651 H01L21/486 H01L23/49816 H01L2224/92 H01L2224/92247 H01L25/0657 H01L25/105 H01L2224/16225 H01L2225/06541 H01L2225/06586 H01L2924/01049 H01L23/42 H01L24/30 H01L24/33 H01L2224/27013 H01L2224/4824 H01L2224/73253 H01L2224/83051 H01L23/49811 H01L2224/81136 H01L2224/85365 H01L2225/1052 H01L2924/19107 H01L2924/20755 H01L24/45 H01L24/85 H01L2224/16 H01L2224/45144 H01L2224/48091 H01L2224/48227 H01L2224/48465 H01L2224/73265 H01L2224/85 H01L2924/00014 H01L2924/01028 H01L2924/1532 H01L2924/15331 H01L2225/1035 H01L2225/1058 H01L2225/1023 H01L2225/1094 H01L2924/1579 H01L2924/157 H01L2924/1517 H01L2924/15724 H01L2924/15738 H01L2924/15747 H01L2924/1576 H01L2224/48699 H01L2224/48799 H01L23/5389 H01L24/82 H01L2224/82047 H01L2224/92144 H01L2924/01019 H01L2924/01011 H01L2924/01022 H01L2924/01077 H01L2224/11474 H01L2224/82039 H01L21/4853 H01L23/3114 H01L23/3128 H01L2924/1433 H01L2924/19041 H01L2924/3011 H01L2924/01024 H01L2924/0103 H01L2224/1148 H01L2924/01018 H01L2924/01027 H01L2924/01072 H01L2924/19042 H01L2224/13099 H01L2924/01052 H01L23/49838 H01L2224/131 H01L2224/83192 H01L2924/01087 H01L2924/15173 H01L2924/19043 H01L2924/30107 H01L23/4985 H01L2224/1147 H01L2224/11472 H01L2224/1134 H01L2224/78301 H01L2924/00013 H01L2924/01005 H01L2924/01006 H01L2924/01012 H01L2924/01013 H01L2924/01015 H01L2924/01029 H01L2924/01033 H01L2924/0104 H01L2924/01046 H01L2924/01047 H01L2924/01074 H01L2924/01078 H01L2924/01079 H01L2924/01082 H01L2924/01327 H01L2924/014 H01L2924/09701 H01L2924/14 H01L2924/3025 H05K3/4046 H01L21/6835 H01L21/56 H01L21/565 H01L23/295 H01L23/3121 H01L23/3164 H01L23/3171 H01L23/3677 H01L24/03 H01L24/05 H01L24/13 H01L2221/68372 H01L2221/68377 H01L2221/68381 H01L2224/02319 H01L2224/02331 H01L2224/0237 H01L2224/02377 H01L2224/02379 H01L2224/0239 H01L2224/036 H01L2224/05548 H01L2224/11002 H01L2224/1132 H01L2224/11334 H01L2224/1146 H01L2224/116 H01L2224/13008 H01L2924/0105 H01L2924/15311 H01L2924/10253 H01L2224/81191 H01L2224/82102 H01L2224/48511 H01L2224/45139 H01L2924/3651 H01L2224/24227 H01L2224/81801 H01L2224/04042 H01L2224/0401 H01L2224/26175 H01L2924/351 H01L2924/181 H01L2224/48855 H01L2224/05554 H01L2224/48724 H01L2224/85203 H01L2224/85205 Y02P70/613 H01L2224/13144 H01L24/73 H01L2224/19 H01L2224/11 H01L2224/13 H01L2224/05556 H01L2224/0557

H01L2224/05573 H01L2224/0558 H01L2224/05001 H01L2224/05008 H01L2224/05022 H01L2224/05569 H01L2224/05024 H01L2224/05026 H01L2224/05023 H01L2224/05568 H01L2224/05571 H01L2224/05552 H01L2224/05155 H01L2224/05147 H01L2224/05166 H01L2224/05171 H01L2224/05144 H01L2224/05139 H01L2224/05164 H01L2224/05553 H01L2224/05124 H01L2224/05644 H01L2224/05647 H01L2924/3512 H01L2924/3511 H01L2224/05624 H01L2224/05655 H01L2224/12 H01L24/11 H01L2224/04105 H01L2224/18 H01L2924/00011 H01L24/18 H01L24/19 H01L2224/05611 H01L2224/45147

European class: H01L21/48C3E4 H01L21/48C4 H01L21/48C4C H01L21/48C4E H01L21/56M H01L21/56T H01L21/60E H01L21/683T H01L23/13 H01L23/31H H01L23/31H1 H01L23/31H2B H01L23/367W H01L23/495C H01L23/498A H01L23/498C H01L23/498C4 H01L23/498E H01L23/498G H01L23/498J H01L23/538E H01L23/538V H01L24/02 H01L24/10 H01L24/11 H01L24/12 H01L24/13 H01L24/16 H01L24/18 H01L24/19 H01L24/20 H01L24/24 H01L24/26 H01L24/29 H01L24/30 H01L24/32 H01L24/33 H01L24/48 H01L24/81 H01L24/82 H01L24/83 H01L24/85 H01L24/90 H01L25/065S H01L25/10J H01L25/50 H05K3/34C4B T01L21/56F T01L21/60C4F4 T01L21/683T T01L221/683T14 T01L221/683T22 T01L221/683T28 T01L221/683T32 T01L221/683T34 T01L221/683T8 T01L224/02319 T01L224/02331 T01L224/02370 T01L224/02377 T01L224/02379 T01L224/02390 T01L224/03450 T01L224/03462 T01L224/03464 T01L224/03470 T01L224/03600 T01L224/05073 T01L224/05082 T01L224/05100 T01L224/05118 T01L224/05548 T01L224/05600 T01L224/05624 T01L224/05655 T01L224/11001 T01L224/11002 T01L224/11011 T01L224/11320 T01L224/11334 T01L224/11340 T01L224/11460 T01L224/11470 T01L224/11472 T01L224/11474 T01L224/11480 T01L224/11600 T01L224/11849 T01L224/12105 T01L224/13008 T01L224/13010 T01L224/13080 T01L224/13099 T01L224/13100 T01L224/13111 T01L224/13147 T01L224/16 T01L224/16225 T01L224/16227 T01L224/16237 T01L224/18 T01L224/21010 T01L224/21050 T01L224/21500 T01L224/24226 T01L224/27001 T01L224/27011 T01L224/27013 T01L224/29010 T01L224/29020 T01L224/29082 T01L224/29100 T01L224/29190 T01L224/29191 T01L224/29198 T01L224/29290 T01L224/29300 T01L224/30010 T01L224/30100 T01L224/32050 T01L224/32057 T01L224/32145 T01L224/32225 T01L224/45015 T01L224/45111 T01L224/45124 T01L224/45144 T01L224/45147 T01L224/45155 T01L224/45164 T01L224/48 T01L224/48090 T01L224/48091 T01L224/48227 T01L224/48228 T01L224/48240 T01L224/48465 T01L224/48599 T01L224/73204 T01L224/73215 T01L224/73217 T01L224/73253 T01L224/73265 T01L224/76155 T01L224/78 T01L224/78301 T01L224/81136 T01L224/81210 T01L224/81801 T01L224/81815 T01L224/82 T01L224/82039 T01L224/82047 T01L224/83051 T01L224/83102 T01L224/83121 T01L224/83191 T01L224/83192 T01L224/83194 T01L224/83385 T01L224/83800 T01L224/83850 T01L224/83851 T01L224/83855 T01L224/83856 T01L224/83880 T01L224/85 T01L224/85001 T01L224/85207 T01L224/85365 T01L224/86 T01L224/92 T01L224/92125 T01L224/92144 T01L224/92247 T01L225/065S15 T01L225/065S32 T01L225/065S34 T01L225/065S52 T01L225/065S60B T01L225/10J2C1 T01L23/31H2 T01L23/31H2B T01L23/36 T01L23/367W T01L23/42 T01L23/498E T01L24/03 T01L24/04 T01L24/05 T01L24/11 T01L24/13 T01L24/16 T01L24/27 T01L24/29 T01L24/32 T01L24/45 T01L24/48 T01L24/81 T01L24/85 T01L25/065N T01L25/065S T01L25/10J T01L924/01002 T01L924/01004 T01L924/01005 T01L924/01011 T01L924/01012 T01L924/01013 T01L924/01014 T01L924/01015 T01L924/01018 T01L924/01022 T01L924/01027 T01L924/01028 T01L924/01029 T01L924/01030 T01L924/01040 T01L924/01046 T01L924/01050 T01L924/01074 T01L924/01077 T01L924/01078 T01L924/01079 T01L924/01083 T01L924/01202 T01L924/01203 T01L924/01327 T01L924/07800 T01L924/07802 T01L924/14000 T01L924/14330 T01L924/15173 T01L924/15311 T01L924/15320 T01L924/15331 T01L924/18161 T01L924/18162 T01L924/18165 T01L924/19041 T01L924/19042 T01L924/19043 T01L924/19107 T01L924/20752 T01L924/20755 T01L924/30107 T01L924/30110 T01L924/30250 T05K201/09A3 T05K201/09C3K T05K3/40D1

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Abstract:
Source: US2006012024A A semiconductor chip assembly includes a semiconductor chip that includes a conductive pad, a conductive trace that includes a routing line, a metal containment wall and a solder terminal, and a connection joint that electrically connects the routing line and the pad. The metal containment wall includes a cavity, and the solder terminal contacts the metal containment wall in the cavity and is spaced from the routing line.

0) US2008163663A – COMPACT TUBE WITH INTERNAL FEATURES AND METHODS...

7) Family number: 41998397 (US2008163663A) © PatBase

Title: COMPACT TUBE WITH INTERNAL FEATURES AND METHODS FOR FABRICATING THE SAME

Priority:

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

International class(IPC 8–9)**:** B21C23/18 B21C37/06 B21D22/20 B21D28/00 B21D31/00 B21D35/00 B21D51/00 D01D5/24 F16B35/00 F21V3/04 F21V33/00 F21V5/08 G02B5/02 G02F1/13357 G06F1/18 G06F17/00 G06F3/02 G06F3/038 G08B5/00 G08B5/22 G09G5/00 H01H47/00

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F21Y101/02 G02F1/1335 H01R13/62 H01R13/64 H01R27/02 H04B1/38 H04B1/3827 H04M1/02 H04M1/05 H04M1/60 H04M1/73 H04R1/10 H05K1/00 H05K1/11 H05K1/14 H05K1/18 (Advanced/Non-invention);
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F16B F21V H01R H04B H04M H04R H05K (Subclass/Invention)

International class (IPC 1-7): H01R13/703

CPC: H04R1/083 H04R1/1066 H04R1/1075 H04R31/006 H01R43/24 H05B33/0815 H05B33/0818 H05B33/0857 Y02B20/346 C09D175/06 Y02E10/52 H01L31/0547 H01R13/2428 H01R13/64 H01R13/7039 H01R43/26 H04R1/1058 B21C23/18 H04R1/1041 H04R2201/107 H04R2420/09 G06F3/038 H04M1/0262 H04M1/0274 H04M1/0277 H04M1/05 H04M1/6058 H04M1/6066 H04M2250/02 H04R2201/105 H04W52/0274 H05K1/147 H05K1/189 Y02B60/50 G09G5/006 G06F3/0227 Y10T307/696 Y10T307/414 Y10T307/826 H01R13/02 H01R13/62 H02J50/10 H01R13/6205 C08G18/4238 H01L31/048 H04B2001/3866 H04R1/105 H02J7/0052 H04R1/1025 H02J7/0042 H04R1/1016 H04R2420/07 B29C47/0023 B29C47/0038 H02J7/0029 H04R5/033 H04R29/008 H04R2225/33 H04R2225/51 H01R29/00

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Abstract:
Source: US2008163663A Methods for forming a tube that includes a feature extending from an inner surface of the tube are provided. The methods can include using a die and stamper, single impact extrusion, double impact extrusion, and progressive deep draw process.

0) US2006185090A – MODULAR MULTI–ARTICULATED PATIENT SUPPORT SYSTE...

8) Family number: 33253376 (US2006185090A) © PatBase

Title: MODULAR MULTI–ARTICULATED PATIENT SUPPORT SYSTEM

Priority:

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Probable Assignee: ROGER JACKSON

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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 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 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 YU ZA ZM ZW

International class (IPC 8–9): A47B13/00 A47B73/00 A61B19/00 A61B5/00 A61B6/00 A61B6/04 A61G13/00 A61G13/02 A61G13/04 A61G13/06 A61G13/08 A61G13/10 A61G13/12 A61G7/00 A61G7/005 A61G7/008 A61G7/012 A61G7/015 A61G7/018 A63F9/00 A63H33/08 E04C1/00 F28D15/02 F28F13/18 G06F19/00 G06F3/0484 G09F19/00 H01L23/427 H01L23/46 H05K7/20 (Advanced/Invention);
A61G13/00 A61G13/04 A61G13/08 A61G7/005 A61G7/012 H01L23/373 (Advanced/Non–invention);
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Abstract:
Source: US2006185090A A modular, multi−articulated patient support system includes independently adjustable columns connected by an adjustable base and supporting a patient support structure. Each column includes rotation, angulation and separation adjustment structure. The patient support may be raised, lowered and rotated about a longitudinal axis in either horizontal or tilted orientation. The patient support includes a body support rotatably coupled with right and left leg supports disengageable at the outboard ends, that can be tilted, rotated and locked in place. An intermediate brace engages the base when the outboard ends of the leg supports are disengaged. The patient support structure may include two pairs of patient supports, each attached at the outboard end of a column and having a free inboard end. A coordinated drive system raises, lowers, tilts and rotates the patient supports, which may be positioned in overlapping relation. The pairs of patient supports may be rotated in unison to achieve 180 degrees repositioning of a patient.

0) US2013075149A – CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

9) Family number: 50019001 (US2013075149A) © PatBase

Title: CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

Priority:

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Probable Assignee: APPLE INC

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Assignee(s): APPLE INC CUPERTINO ; ZENITH INVESTMENTS LLC

Inventor(s):(std)**:** ALBERT J GOLKO ; CAMERON FRAZIER ; DZHOL EHRIK ; ERIC JOL ; FLETCHER ROTHKOPF ; FRAZIER CAMERON ; FREJZER KEMERON ; GOLKO AL BERT DZH ;

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Inventor(s): WENDELL SANDER ; TERLIZZI JEFFREY J CUPERTINO ; SPRAGGS IAN CUPERTINO ; SCHMIDT MATHIAS W CUPERTINO ; SANDER WENDELL B CUPERTINO ; ROTHKOPF FLETCHER R CUPERTINO ; MINOO JAHAN CUPERTINO ; MINOO JAHANC ; JOL ERIC S CUPERTINO ; JAHAN C MINOO ; AASE JONATHAN CUPERTINO ; GOLKO ALBERT J CUPERTINO ; FRAZIER CAMERON CUPERTINO

Agent(s): FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LANG JOHANNES; BARTON RUSSELL GLEN; UESUGI HIROSHI; OHTSUKA FUMIAKI; KUMAKURA YOSHIO; NISHIJIMA TAKAKI; KILPATRICK TOWNSEND AND STOCKTON LLP; CONG TY TNHH LE AND LE; SYDENHAM RYAN ET AL; SHAFFER WILLIAM ET AL; BASARKAR GIRISH 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 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

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G02B6/36 H01R107/00 H01R12/77 H01R13/504 H01R13/56 H01R13/627 H01R13/631 H01R13/642 H01R24/60 H01R4/01 (Advanced/Non–invention);
H01R13/516 (Core/Invention)

International class (IPC 1–7): H01R12/77 H01R13/504 H01R13/516 H01R13/627 H01R13/631 H01R13/642 H01R13/648 H01R29/00 H01R4/01

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US class: 1/1 174/359 29/858 385/77 439/218 439/345 439/474 439/620.01 439/660 439/668 439/676 439/692 709/220 709/221 709/222 710/305 710/313 710/62 710/63 710/71

Classification Explorer

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Abstract:
Source: US2013075149A A dual orientation connector having a connector tab with first and second major opposing sides and a plurality of electrical contacts carried by the connector tab. The plurality of contacts includes a first set of external contacts formed at the first major side and a second set of external contacts formed at the second major side. The first plurality of contacts are symmetrically spaced with the second plurality of contacts and the connector tab is shaped to have 180 degree symmetry so that it can be inserted and operatively coupled to a corresponding receptacle connector in either of two insertion orientations.

- List: SS14 1–50 ((13) and FT=heigh*) (Results 1887)

0) US2010166475A – TAPE PRINTER

1) Family number: 45844818 (US2010166475A) © PatBase

Title: TAPE PRINTER

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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AT545513 E	20120315	AT20090180351T	20091222
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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 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

International class (IPC 8–9): B23B B41J B41J11/00 B41J11/42 B41J11/44 B41J11/46 B41J11/58 B41J15/00 B41J15/02 B41J15/04 B41J17/24 B41J17/30 B41J17/32 B41J2/005 B41J2/315 B41J2/32 B41J2/325 B41J2/485 B41J21/00 B41J29/00 B41J29/393 B41J29/46 B41J3/26 B41J3/36 B41J3/407 B41J32/00 B41J33/04 B41J33/10 B41J33/14 B41J33/26 B41J33/52 B41J35/04 B41J35/06 B41J35/28 B41J35/36 B65H16/02 B65H16/06 B65H19/00 B65H19/12 B65H23/035 B65H23/06 B65H26/00 B65H43/00 B65H7/02 B65H7/06 B65H75/00 F16C13/00 G03G15/08 G11B23/04 (Advanced/Invention); B41J11/00 B41J15/04 B41J32/00 B65H19/12 B65H26/00 (Advanced/Non–invention); B41J11/00 B41J11/42 B41J11/44 B41J11/58 B41J15/00 B41J15/04 B41J29/46 B41J3/00 B41J3/36 B41J32/00 B41J33/00 B41J33/14 B41J35/04 B41J35/28 B65H19/12 B65H26/00 B65H7/02 B65H7/06 (Core/Invention); B41J15/04 B41J32/00 (Core/Non–invention); B41J (Subclass/Invention)

International class (IPC 1–7): B41J15/04 B41J3/407

CPC: B41J17/32 B41J35/36 B41J2/32 B41J15/02 B41J15/00 B41J33/14 B41J11/007 B41J2/0057 B41J3/4075 B41J11/008 B41J11/46 B41J2/325 B41J32/00 B41J15/044 B41J11/009

European class: B41J11/00U B41J15/04C B41J17/32 B41J3/407L

US class: 1/1 242/160.4 242/160.400P 242/590 242/590S 347/104 347/171 347/214 347/214P 347/218 347/221 400/194 400/194P 400/196 400/196P 400/207 400/207P 400/208 400/229 400/229P 400/236 400/242 400/611 400/613 400/613P 400/619 400/619P 400/76 400/76P 400/88

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Abstract:
Source: US2010166475A A tape printer includes a tape cassette including a housing, a cassette housing portion, a feeding device, a printing device, a plurality of detecting switches that protrude toward a side surface of the housing of the tape cassette installed in the cassette housing portion, a first determining device that, if a part of the detecting switches is pressed, determines that the tape cassette is installed, and a second determining device that, if a specific detecting switch among the detecting switches is pressed, determines that the tape cassette is not installed at a proper position. The tape cassette includes a first pressing portion that, if the tape cassette is installed at the proper position, presses a part of the detecting switches, and a second pressing portion that, if the tape cassette is not installed at the proper position, presses the specific detecting switch.

0) US2004059212A – APPARATUS AND METHOD FOR MEASURING BIOLOGIC PAR...

2) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

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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 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 YU

ZA ZM ZW

International class (IPC 8–9): A41D20/00 A42B3/04 A42C5/02 A61B A61B10/00 A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/021 A61B5/024 A61B5/04 A61B5/0476 A61B5/05 A61B5/053 A61B5/103 A61B5/11 A61B5/117 A61B5/145 A61B5/1455 A61B5/1486 A61B6/00 A61B8/08 A61F7/00 A61F7/12 A61K31/01 A61K31/785 A61K33/44 A61L27/54 A61L29/10 A61L31/08 A61L33/02 A61M21/02 A61P7/02 A61P9/04 B60H1/00 B60K28/06 B60T7/14 B60W10/00 B60W40/08 B60W50/00 B62D6/00 F24F11/02 G01B11/24 G01J1/02 G01J5/00 G01J5/10 G01K G01K1/00 G01K1/02 G01K1/16 G01K13/00 G01K13/02 G01K7/00 G01N21/35 G02B27/00 G02C11/00 G08B5/36 H04N5/225 H04N5/33 H04N7/18 (Advanced/Invention);
A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/04 A61B5/145 A61B5/1491 A61B8/08 G01K7/22 (Advanced/Non–invention);
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A61B G01K G01N (Subclass/Invention)

International class (IPC 1–7): A61B5/00 A61B5/01 A61B5/04 G01B11/24 G01K1/02 G01N0/00 G02B27/00 G02C11/00

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US class: 1/1 250/338.1 250/339.11 250/339.15 250/341.1 250/341.8 340/539.12 348/77 351/158 374/121 374/141 374/163 374/170 374/185 374/208 374/45 374/E13.002 374/E13.002S 600/300 600/301 600/301P 600/309 600/310 600/315 600/315P 600/316 600/323 600/340 600/344 600/373 600/373P 600/474 600/476 600/479 600/549 600/549P 600/587 600/595 607/96 701/1 701/36 701/41 701/70 702/135

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2012324911A – DUAL–LOOP COOLING SYSTEM

3) Family number: 52599519 (US2012324911A) © PatBase

Title: DUAL–LOOP COOLING SYSTEM

Priority:

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Family:

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Probable Assignee: WISCONSIN ALUMNI RESEARCH FOUNDATION

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Inventor(s):(std)**:** BUCHANAN ROBERT A ; LINDEMAN BRETT A ; LINDERAN BRETT A ; LIU BRIAN B ; MEIVES MARK S ; RIPLEY KEVIN M ; RODARTE MARK A ; SHEDD TIMOTHY A ; TAYLOR TONY P

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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 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

International class(IPC 8–9)**:** F25B41/04 F25D17/02 F25D25/00 F25D31/00 F28C3/08 F28D1/02 F28D1/04 F28D1/053 F28D15/00 F28D15/02 F28D9/00 F28F1/36 F28F1/38 F28F13/00 F28F13/18 F28F25/10 F28F27/00 F28F7/02 F28F9/02 F28F99/00 G05D23/00 G06F1/20 H01L23/367 H01L23/46 H01L23/467 H01L23/473 H05K1/02 H05K7/14 H05K7/20 (Advanced/Invention)

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US class: 165/100 165/104.19 165/104.21 165/104.22 165/104.25 165/104.27 165/104.28 165/104.29 165/104.31 165/104.32 165/133 165/166 165/175 165/182 165/244 165/84 165/96 257/712 361/679.47 361/699 62/259.2 62/304 62/62

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Forward Citations: WO16069380, WO16069299, WO16069295, USD800675, USD800674, USD795821, USD786806, USD774473, USD774472, USD773409, USD773408, USD772823, USD772822, USD772179, USD772178, US9795062, US9743562, US9743561, US9715183, US9625182, US9622376, US9546821, US9451726, US9420728, US9357670, US9303909, US2017303443, US2017223871, US2017220084, US2017174037, US2017086325, US2017080821, US2017064873, US2017009604, US2016377358, US2016358842, US2016330873, US2016330865, US2016295748, US2016295747, US2016270267, US2016231059, US2016159454, US2016120059, US2016091262, US2015382507, US2015330685, US2015330684, US2015296659, US2015237763, US2015233619, US2015020775, US2014362530, US2014347641, US2014047855, US2012012282, JP6194966, JP2016145828, CN105115352,

Abstract:
Source: US2012324911A Disclosed are methods and apparatuses for cooling a work piece surface using a dual−loop cooling system. The system includes a vapor−compression loop and a liquid−evaporation loop. The loops are configured to prepare a coolant at or approximately at saturation for delivery into a chamber for cooling the surface. A preferred liquid−evaporation loop includes a chamber, a phase separator, a liquid pressurizer, and a vapor mixer that heats the coolant to or near its saturation temperature. A preferred vapor−compression loop includes the phase separator, a compressor, a condenser, an expansion valve, and a return line. The vapor mixer preferably heats the coolant by mixing liquid coolant with vapor coolant derived from the vapor−compression loop. A two−phase flow detector may be disposed downstream of the vapor mixer and be in communication with a vapor valve disposed upstream of the vapor mixer to ensure that an appropriate amount of vapor is fed into the vapor mixer to induce evaporation. Methods include cooling a surface by cycling a coolant through the liquid−evaporation loop and preparing the coolant at saturation with vapor derived from the vapor−compression loop.

0) US2003063867A – FIBER OPTIC PLUG

4) Family number: 42182463 (US2003063867A) © PatBase

Title: Fiber optic plug

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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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

International class (IPC 8–9): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44 G02B6/46 H01B11/22
H01B7/40 (Advanced/Invention);
G02B6/36 G02B6/38 (Advanced/Non–invention);
G02B6/36 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44

CPC: G02B6/4465 G02B6/4494 G02B6/3851 G02B6/4416 G02B6/46 G02B6/447 G02B6/3821 G02B6/3869 G02B6/387 G02B6/3885 G02B6/3894 G02B6/3897 G02B6/4405 G02B6/3893 G02B6/3849 G02B6/3816 G02B6/3873 G02B6/3879 G02B6/3887 G02B6/4429 G02B6/4471 G02B6/3831 G02B6/4433 G02B6/4476 G02B6/3825

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Abstract:
Source: US2003063867A A relatively small fiber optic plug is provided to facilitate pulling of the fiber optic plug and an associated fiber optic cable through small passageways. The fiber optic plug may include a shroud that protects the fiber optic connector and that may further define at least one opening, and preferably a pair of openings. The openings are sized to receive portions of an adapter sleeve once the fiber optic plug is mated with a fiber optic receptacle. The fiber optic plug may also include a cap mounted upon and adapted to swivel relative to the remainder of the fiber optic plug to serve as a pulling grip during installation of the fiber optic cable. Further, the fiber optic plug may include a crimp band that is mechanically coupled to both the fiber optic cable and the plug body in order to isolate the fiber optic connector from torque otherwise created by forces to which the fiber optic cable is subjected.

5) Family number: 30669270 (US2004120662A) © PatBase

Title: OPTICAL TUBE ASSEMBLY HAVING A DRY INSERT AND METHODS OF MAKING THE SAME

Priority:

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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 YU ZA ZM ZW

International class (IPC 8–9): G02B6/02 G02B6/028 G02B6/036 G02B6/14 G02B6/255 G02B6/38 G02B6/44 H01B11/22 H04L12/28 H04L12/56 H04N7/12 H04W4/00 (Advanced/Invention);
G02B6/028 G02B6/44 (Advanced/Non–invention);
G02B6/02 G02B6/44 H04L12/28 H04L12/56 H04N7/12 (Core/Invention);
G02B (Subclass/Invention)

International class (IPC 1–7): G02B6/44 H01B7/00 H04N7/12

CPC: G02B6/4429 G02B6/4411 G02B6/448 G02B6/4484 G02B6/4479 G02B6/4475 G02B6/4495 G02B6/14 G02B6/441 H04N21/4305 H04N21/8547 H04W28/14 G02B6/4434 G02B6/02357 G02B6/0365 G02B6/4404 G02B6/4433 G02B6/4483 G02B6/4494 G02B6/4401 G02B6/3887 G02B6/3885 G02B6/3851 G02B6/4473 G02B6/2551 G02B6/0281 G02B6/4403 G02B6/443

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US class: 1/1 370/329 375/240.26 375/240.260S 375/240.28 375/240.280P 385/100 385/100P 385/100S 385/102 385/102S 385/103 385/103P 385/104 385/105 385/105S 385/106 385/106P 385/107 385/107P 385/108 385/111 385/111P 385/113 385/113P 385/113S 385/114 385/114P 385/114S 385/78 385/96

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Abstract:
Source: US2004120662A An optical tube assembly and methods of manufacturing the same include a tube, at least one optical waveguide, and a dry insert. In one embodiment, the dry insert generally surrounds the at least one optical waveguide and forms a core that is disposed within the tube. In one embodiment, the dry insert is compressed at least about 10 percent for coupling the at least optical waveguide to the interior surface of the tube.

6) Family number: 30050687 (US2006012024A) © PatBase

Title: SEMICONDUCTOR CHIP ASSEMBLY WITH METAL CONTAINMENT WALL AND SOLDER TERMINAL

Priority:

US20000687619	20001003	US20000687619	20001013	US20010939140	20010824
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: BRIDGE SEMICONDUCTOR CORP

Assignee(s):(std)**:** LIN CHARLES W C ; BRIDGE SEMICONDUCTOR CORP

Assignee(s): BRIDGESEMICONDUCTOR CORP ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; LIN CHARLES WC ; MITSUBISHI ELECTRIC AND ELECTRONICS U SA ; MITSUBISHI ELECTRIC AND ELECTRONICS USA ; N ATW ; SPINESMITH PARTNERS LP ; MITSUBISHI ELECTRIC AND ELECTRONICS USA INC ; SAFE START LLC ; TROJAN BATTERY CO LLC A DELAWARE LIABILITY CO LTD WAS KNOWN TROJAN BATTERY CO LLC A CALIFORNIA LIABILITY CO WAS KNOWN TROJAN B AS LTD ; TROJAN BATTERY CO LLC A DELAWARE LIABILITY CO LTD WAS KNOWN AS TROJAN BATTERY COMPANY LLC A CALIFORNIA LIMITED LIABILITY COMPANY WAS KNOWN AS TROJAN B

Inventor(s):(std)**:** WANG JIA ZHONG ; WANG CHIA CHUNG ; SIGMOND DAVID M ; LIN WEN CHIANG ; LIN CHARLES W C ; LIN CHARLES W ; LIN CHARLES ; LEU CHUEN RONG ; CHEN

CHENG CHUNG ; CHIANG CHENG LIEN

Inventor(s): LIN CHARLES WC ; CHARLES LIN ; WANG JIA JUNG

Agent(s): DAVID M SIGMOND; DAVID M; SIGMOND DAVID M

International class (IPC 8–9): H01L23/06 H01L23/48 H01B13/00 H01L21/00 H01L21/44 H01L21/48 H01L21/50 H01L21/60 H01L23/02 H01L23/04 H01L23/053 H01L23/12 H01L23/28 H01L23/31 H01L23/485 H01L23/488 H01L23/495 H01L23/498 H01L23/52 H01L23/538 H05K3/06 H05K3/40 (Advanced/Invention); H05K3/40 (Advanced/Non–invention); H01B13/00 H01L21/02 H01L23/02 H01L23/12 H01L23/28 H01L23/48 H01L23/52 H05K3/06 H05K3/40 (Core/Invention); H01L23/06 H01L23/48 H05K3/40 (Core/Non–invention)

International class (IPC 1–7): H01L21/44 H01L21/48 H01L21/50 H01L23/02 H01L23/28 H01L23/48

CPC: H01L2924/1815 H01L2224/29111 H01L2924/0132 H01L2924/0134 H01L2924/0133 H01L2224/48624 H01L2224/48655 H01L21/563 H01L2224/82 H01L2224/86 H01L2225/06527 H01L2221/68359 H01L23/49805 H01L25/50 H01L2224/1308 H01L2224/16227 H01L2224/29 H01L2224/29298 H01L2224/45111 H01L2224/45124 H01L2224/45155 H01L2224/45164 H01L2224/83102 H01L2224/85207 H01L2224/92125 H01L2924/18161 H01L2224/48228 H01L2224/73217 H01L2224/76155 H01L2924/01083 H01L2924/078 H01L2224/4809 H01L2224/85001 H01L2225/06575 H01L2924/20752 H01L21/4846 H01L23/3107 H01L2224/32057 H01L2224/83121 H01L2224/83194 H01L2224/83385 H01L2924/01202 H01L2924/01203 H01L23/13 H05K3/3436 H05K2201/09036 H05K2201/09472 H01L21/4832 H01L23/5384 H01L2224/16237 H01L24/20 H01L24/27 H01L25/0655 H01L2221/68327 H01L2224/0345 H01L2224/03462 H01L2224/03464 H01L2224/0347 H01L2224/05073 H01L2224/05082 H01L2224/051 H01L2224/05118 H01L2224/056 H01L2224/11001 H01L2224/11011 H01L2224/11849 H01L2224/12105 H01L2224/1301 H01L2224/13111 H01L2224/13147 H01L2224/2101 H01L2224/2105 H01L2224/215 H01L2224/27001 H01L2224/27011 H01L2224/2901 H01L2224/2902 H01L2224/29082 H01L2224/291 H01L2224/29101 H01L2224/29191 H01L2224/29198 H01L2224/2929 H01L2224/293 H01L2224/3001 H01L2224/301 H01L2224/3205 H01L2224/8385 H01L2224/83851 H01L2224/83855 H01L2224/8388 H01L23/36 H01L23/49517 H01L2924/18162 H01L2924/18165 H01L23/49827 H01L24/32 H01L24/48 H01L2224/32145 H01L2224/32225 H01L2224/48599 H01L2924/01014 H01L21/568 H01L24/24 H01L24/29 H01L24/81 H01L24/83 H01L2221/68345 H01L2224/24226 H01L2224/2919 H01L2224/73204 H01L2224/73215 H01L2224/8121 H01L2224/81815 H01L2224/83191 H01L2224/83856 H01L2224/9202 H01L2924/0665 H01L2924/07802 H01L24/16 H01L24/90 H01L2224/45015 H01L2225/0651 H01L21/486 H01L23/49816 H01L2224/92 H01L2224/92247 H01L25/0657 H01L25/105 H01L2224/16225 H01L2225/06541 H01L2225/06586 H01L2924/01049 H01L23/42 H01L24/30 H01L24/33 H01L2224/27013 H01L2224/4824 H01L2224/73253 H01L2224/83051 H01L23/49811 H01L2224/81136 H01L2224/85365 H01L2225/1052 H01L2924/19107 H01L2924/20755 H01L24/45 H01L24/85 H01L2224/16 H01L2224/45144 H01L2224/48091 H01L2224/48227 H01L2224/48465 H01L2224/73265 H01L2224/85 H01L2924/00014 H01L2924/01028 H01L2924/1532 H01L2924/15331 H01L2225/1035 H01L2225/1058 H01L2225/1023 H01L2225/1094 H01L2924/1579 H01L2924/157 H01L2924/1517 H01L2924/15724 H01L2924/15738 H01L2924/15747 H01L2924/1576 H01L2224/48699 H01L2224/48799 H01L23/5389 H01L24/82 H01L2224/82047 H01L2224/92144 H01L2924/01019 H01L2924/01011 H01L2924/01022 H01L2924/01077 H01L2224/11474 H01L2224/82039 H01L21/4853 H01L23/3114 H01L23/3128 H01L2924/1433 H01L2924/19041 H01L2924/3011 H01L2924/01024 H01L2924/0103 H01L2224/1148 H01L2924/01018 H01L2924/01027 H01L2924/01072 H01L2924/19042 H01L2224/13099 H01L2924/01052 H01L23/49838 H01L2224/131 H01L2224/83192 H01L2924/01087 H01L2924/15173 H01L2924/19043 H01L2924/30107 H01L23/4985 H01L2224/1147 H01L2224/11472 H01L2224/1134 H01L2224/78301 H01L2924/00013 H01L2924/01005 H01L2924/01006 H01L2924/01012 H01L2924/01013 H01L2924/01015 H01L2924/01029 H01L2924/01033 H01L2924/0104 H01L2924/01046 H01L2924/01047 H01L2924/01074 H01L2924/01078 H01L2924/01079 H01L2924/01082 H01L2924/01327 H01L2924/014 H01L2924/09701 H01L2924/14 H01L2924/3025 H05K3/4046 H01L21/6835 H01L21/56 H01L21/565 H01L23/295 H01L23/3121 H01L23/3164 H01L23/3171 H01L23/3677 H01L24/03 H01L24/05 H01L24/13 H01L2221/68372 H01L2221/68377 H01L2221/68381 H01L2224/02319 H01L2224/02331 H01L2224/0237 H01L2224/02377 H01L2224/02379 H01L2224/0239 H01L2224/036 H01L2224/05548 H01L2224/11002 H01L2224/1132 H01L2224/11334 H01L2224/1146 H01L2224/116 H01L2224/13008 H01L2924/0105 H01L2924/15311 H01L2924/10253 H01L2224/81191 H01L2224/82102 H01L2224/48511 H01L2224/45139 H01L2924/3651 H01L2224/24227 H01L2224/81801 H01L2224/04042 H01L2224/0401 H01L2224/26175 H01L2924/351 H01L2924/181 H01L2224/48855 H01L2224/05554 H01L2224/48724 H01L2224/85203 H01L2224/85205 Y02P70/613 H01L2224/13144 H01L24/73 H01L2224/19 H01L2224/11 H01L2224/13 H01L2224/05556 H01L2224/0557

H01L2224/05573 H01L2224/0558 H01L2224/05001 H01L2224/05008 H01L2224/05022 H01L2224/05569 H01L2224/05024 H01L2224/05026 H01L2224/05023 H01L2224/05568 H01L2224/05571 H01L2224/05552 H01L2224/05155 H01L2224/05147 H01L2224/05166 H01L2224/05171 H01L2224/05144 H01L2224/05139 H01L2224/05164 H01L2224/05553 H01L2224/05124 H01L2224/05644 H01L2224/05647 H01L2924/3512 H01L2924/3511 H01L2224/05624 H01L2224/05655 H01L2224/12 H01L24/11 H01L2224/04105 H01L2224/18 H01L2924/00011 H01L24/18 H01L24/19 H01L2224/05611 H01L2224/45147

European class: H01L21/48C3E4 H01L21/48C4 H01L21/48C4C H01L21/48C4E H01L21/56M H01L21/56T H01L21/60E H01L21/683T H01L23/13 H01L23/31H H01L23/31H1 H01L23/31H2B H01L23/367W H01L23/495C H01L23/498A H01L23/498C H01L23/498C4 H01L23/498E H01L23/498G H01L23/498J H01L23/538E H01L23/538V H01L24/02 H01L24/10 H01L24/11 H01L24/12 H01L24/13 H01L24/16 H01L24/18 H01L24/19 H01L24/20 H01L24/24 H01L24/26 H01L24/29 H01L24/30 H01L24/32 H01L24/33 H01L24/48 H01L24/81 H01L24/82 H01L24/83 H01L24/85 H01L24/90 H01L25/065S H01L25/10J H01L25/50 H05K3/34C4B T01L21/56F T01L21/60C4F4 T01L21/683T T01L221/683T14 T01L221/683T22 T01L221/683T28 T01L221/683T32 T01L221/683T34 T01L221/683T8 T01L224/02319 T01L224/02331 T01L224/02370 T01L224/02377 T01L224/02379 T01L224/02390 T01L224/03450 T01L224/03462 T01L224/03464 T01L224/03470 T01L224/03600 T01L224/05073 T01L224/05082 T01L224/05100 T01L224/05118 T01L224/05548 T01L224/05600 T01L224/05624 T01L224/05655 T01L224/11001 T01L224/11002 T01L224/11011 T01L224/11320 T01L224/11334 T01L224/11340 T01L224/11460 T01L224/11470 T01L224/11472 T01L224/11474 T01L224/11480 T01L224/11600 T01L224/11849 T01L224/12105 T01L224/13008 T01L224/13010 T01L224/13080 T01L224/13099 T01L224/13100 T01L224/13111 T01L224/13147 T01L224/16 T01L224/16225 T01L224/16227 T01L224/16237 T01L224/18 T01L224/21010 T01L224/21050 T01L224/21500 T01L224/24226 T01L224/27001 T01L224/27011 T01L224/27013 T01L224/29010 T01L224/29020 T01L224/29082 T01L224/29100 T01L224/29190 T01L224/29191 T01L224/29198 T01L224/29290 T01L224/29300 T01L224/30010 T01L224/30100 T01L224/32050 T01L224/32057 T01L224/32145 T01L224/32225 T01L224/45015 T01L224/45111 T01L224/45124 T01L224/45144 T01L224/45147 T01L224/45155 T01L224/45164 T01L224/48 T01L224/48090 T01L224/48091 T01L224/48227 T01L224/48228 T01L224/48240 T01L224/48465 T01L224/48599 T01L224/73204 T01L224/73215 T01L224/73217 T01L224/73253 T01L224/73265 T01L224/76155 T01L224/78 T01L224/78301 T01L224/81136 T01L224/81210 T01L224/81801 T01L224/81815 T01L224/82 T01L224/82039 T01L224/82047 T01L224/83051 T01L224/83102 T01L224/83121 T01L224/83191 T01L224/83192 T01L224/83194 T01L224/83385 T01L224/83800 T01L224/83850 T01L224/83851 T01L224/83855 T01L224/83856 T01L224/83880 T01L224/85 T01L224/85001 T01L224/85207 T01L224/85365 T01L224/86 T01L224/92 T01L224/92125 T01L224/92144 T01L224/92247 T01L225/065S15 T01L225/065S32 T01L225/065S34 T01L225/065S52 T01L225/065S60B T01L225/10J2C1 T01L23/31H2 T01L23/31H2B T01L23/36 T01L23/367W T01L23/42 T01L23/498E T01L24/03 T01L24/04 T01L24/05 T01L24/11 T01L24/13 T01L24/16 T01L24/27 T01L24/29 T01L24/32 T01L24/45 T01L24/48 T01L24/81 T01L24/85 T01L25/065N T01L25/065S T01L25/10J T01L924/01002 T01L924/01004 T01L924/01005 T01L924/01011 T01L924/01012 T01L924/01013 T01L924/01014 T01L924/01015 T01L924/01018 T01L924/01022 T01L924/01027 T01L924/01028 T01L924/01029 T01L924/01030 T01L924/01040 T01L924/01046 T01L924/01050 T01L924/01074 T01L924/01077 T01L924/01078 T01L924/01079 T01L924/01083 T01L924/01202 T01L924/01203 T01L924/01327 T01L924/07800 T01L924/07802 T01L924/14000 T01L924/14330 T01L924/15173 T01L924/15311 T01L924/15320 T01L924/15331 T01L924/18161 T01L924/18162 T01L924/18165 T01L924/19041 T01L924/19042 T01L924/19043 T01L924/19107 T01L924/20752 T01L924/20755 T01L924/30107 T01L924/30110 T01L924/30250 T05K201/09A3 T05K201/09C3K T05K3/40D1

US class: 156/292 156/307.3 156/324.4 251/734 251/735 251/748 251/772 251/787 252/783 257/106 257/127 257/668 257/673 257/674 257/678 257/686 257/690 257/691 257/692 257/692P 257/693 257/696 257/698 257/700 257/734 257/735 257/737 257/738 257/748 257/772 257/773 257/774 257/775 257/776 257/777 257/778 257/779 257/780 257/783 257/784 257/786 257/787 257/788 257/789 257/E21.499 257/E21.502 257/E21.503 257/E21.505 257/E21.506 257/E21.507 257/E21.508 257/E21.509 257/E21.511 257/E21.512 257/E21.515 257/E21.575 257/E23.004 257/E23.004S 257/E23.011 257/E23.02 257/E23.021 257/E23.026 257/E23.039 257/E23.056 257/E23.065 257/E23.066 257/E23.067 257/E23.068 257/E23.068S 257/E23.069 257/E23.069S 257/E23.07 257/E23.11 257/E23.124 257/E23.174 257/E23.178 257/E25.013 257/E25.023 438/105 438/106 438/107 438/108 438/108P 438/109 438/110 438/111 438/112 438/113 438/118 438/119 438/121 438/122 438/124 438/124S 438/125 438/126 438/127 438/464 438/597 438/599 438/610 438/611 438/612 438/613 438/614 438/617 438/618 438/622 438/637 438/641 438/666 438/691 438/693 438/E21.499

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Abstract:
Source: US2006012024A A semiconductor chip assembly includes a semiconductor chip that includes a conductive pad, a conductive trace that includes a routing line, a metal containment wall and a solder terminal, and a connection joint that electrically connects the routing line and the pad. The metal containment wall includes a cavity, and the solder terminal contacts the metal containment wall in the cavity and is spaced from the routing line.

0) US2008163663A – COMPACT TUBE WITH INTERNAL FEATURES AND METHODS...

7) Family number: 41998397 (US2008163663A) © PatBase

Title: COMPACT TUBE WITH INTERNAL FEATURES AND METHODS FOR FABRICATING THE SAME

Priority:

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

International class (IPC 8–9): B21C23/18 B21C37/06 B21D22/20 B21D28/00 B21D31/00 B21D35/00 B21D51/00 D01D5/24 F16B35/00 F21V3/04 F21V33/00 F21V5/08 G02B5/02 G02F1/13357 G06F1/18 G06F17/00 G06F3/02 G06F3/038 G08B5/00 G08B5/22 G09G5/00 H01H47/00

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F16B F21V H01R H04B H04M H04R H05K (Subclass/Invention)

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US class: 1/1 136/251 264/209.3 264/209.300S 307/10.1 307/125 307/125P 307/32 307/80 307/80P 315/186 315/209R 315/210 315/210P 315/312 320/162 320/162S 327/185 327/185S 327/407 327/407P 340/815.4 340/815.400S 340/815.45 340/815.450S 345/156 379/428.01 381/361 381/361S 381/364 381/364P 381/374 381/375 381/375P 381/380 381/380P 381/380S 381/384 381/74 381/74P 439/180 439/345 439/38 439/39 439/39S 439/500 439/626 439/626P 439/692 439/83 455/342.2 455/343.5 455/343.6 455/550.1 455/568 455/569.1 455/575.2 455/73 455/73S 700/94 700/94P 72/267 72/340 72/343 72/343S 72/347 72/347S 72/348 72/348P 72/368 72/368S

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Forward Citations: WO16203302, WO16162681, WO16036309, WO16019286, WO15108877, WO14110056, WO14078841, WO14062181, WO13126241, WO13075847, WO12044614, WO11146659, WO11085086, WO10099168, WO10099080, WO10099080, WO10045524, WO10045524, WO10034525, WO10034524, USRE45492, USRE45050, USD772840, USD772204, USD722996, USD679575, US9811752, US9803787, US9794673, US9779893, US9769558, US9767949, US9761068, US9755365, US9735583, US9728158, US9712905, US9703321, US9699636, US9677901, US9672177, US9668051, US9667007, US9663846, US9647385, US9629774, US9609417, US9593670, US9590373, US9586318, US9583893, US9583871, US9578410, US9578307, US9576460, US9576409, US9568678, US9564941, US9564225, US9557417, US9548787, US9532128, US9517498, US9506629, US9497529, US9486030, US9485563, US9479275, US9478905, US9477439, US9473876, US9462242, US9461812, US9451350, US9434197, US9419377, US9402173, US9402120, US9379503, US9339146, US9314871, US9307312, US9300081, US9294830, US9293876, US9288565, US9287657, US9280183, US9277309, US9276539, US9275810, US9274788, US9272471, US9271063, US9258663, US9252900, US9247611, US9239386, US9223742, US9215518, US9208748, US9198317, US9185835, US9184474, US9177655, US9173336, US9166345, US9157933, US9155170, US9118990, US9091829, US9086733, US9077178, US9064356, US9049513, US9041563, US9030114, US9025806, US8998632, US8985830, US8982547, US8923525, US8921681, US8915633, US8891216, US8879266, US8867758, US8838868, US8821189, US8812064, US8809733, US8806067, US8799527, US8798675, US8775707, US8737674, US8731225, US8729815, US8724285, US8724281, US8712071, US8690410, US8686600, US8666461, US8650925, US8644078, US8616214, US8611077, US8564961, US8559575, US8548538, US8537528, US8535075, US8521229, US8451146, US8432102,

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Abstract:
Source: US2008163663A Methods for forming a tube that includes a feature extending from an inner surface of the tube are provided. The methods can include using a die and stamper, single impact extrusion, double impact extrusion, and progressive deep draw process.

0) US2006185090A – MODULAR MULTI–ARTICULATED PATIENT SUPPORT SYSTE...

8) Family number: 33253376 (US2006185090A) © PatBase

Title: MODULAR MULTI–ARTICULATED PATIENT SUPPORT SYSTEM

Priority:

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Inventor(s): JACKSON ROGER ; ROGER P JACKSON ; PHILBRICK CHRISTOPHER154E JEFFERSON STREETFRANKENMUTHMI48734US

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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 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 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 YU ZA ZM ZW

International class (IPC 8–9): A47B13/00 A47B73/00 A61B19/00 A61B5/00 A61B6/00 A61B6/04 A61G13/00 A61G13/02 A61G13/04 A61G13/06 A61G13/08 A61G13/10 A61G13/12 A61G7/00 A61G7/005 A61G7/008 A61G7/012 A61G7/015 A61G7/018 A63F9/00 A63H33/08 E04C1/00 F28D15/02 F28F13/18 G06F19/00 G06F3/0484 G09F19/00 H01L23/427 H01L23/46 H05K7/20 (Advanced/Invention);
A61G13/00 A61G13/04 A61G13/08 A61G7/005 A61G7/012 H01L23/373 (Advanced/Non–invention);
A47B73/00 A61B19/00 A61B6/04 A61G13/00 A61G7/002 (Core/Invention)

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Abstract:
Source: US2006185090A A modular, multi−articulated patient support system includes independently adjustable columns connected by an adjustable base and supporting a patient support structure. Each column includes rotation, angulation and separation adjustment structure. The patient support may be raised, lowered and rotated about a longitudinal axis in either horizontal or tilted orientation. The patient support includes a body support rotatably coupled with right and left leg supports disengageable at the outboard ends, that can be tilted, rotated and locked in place. An intermediate brace engages the base when the outboard ends of the leg supports are disengaged. The patient support structure may include two pairs of patient supports, each attached at the outboard end of a column and having a free inboard end. A coordinated drive system raises, lowers, tilts and rotates the patient supports, which may be positioned in overlapping relation. The pairs of patient supports may be rotated in unison to achieve 180 degrees repositioning of a patient.

0) US2013075149A – CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

9) Family number: 50019001 (US2013075149A) © PatBase

Title: CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

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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 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

International class (IPC 8–9): G02B6/36 G06F13/38 H01R107/00 H01R12/77 H01R13/05 H01R13/405 H01R13/504 H01R13/516 H01R13/58 H01R13/62 H01R13/627 H01R13/631 H01R13/64 H01R13/642 H01R13/6471 H01R13/648 H01R13/652 H01R13/658 H01R13/66 H01R24/00 H01R24/58 H01R24/60 H01R24/62 H01R24/86 H01R27/00 H01R27/02 H01R29/00 H01R35/00 H01R4/01 H01R4/58 H01R43/00 H01R43/20 H01R43/24 H01R9/05 H05K9/00 (Advanced/Invention);
G02B6/36 H01R107/00 H01R12/77 H01R13/504 H01R13/56 H01R13/627 H01R13/631 H01R13/642 H01R24/60 H01R4/01 (Advanced/Non–invention);
H01R13/516 (Core/Invention)

International class (IPC 1–7): H01R12/77 H01R13/504 H01R13/516 H01R13/627 H01R13/631 H01R13/642 H01R13/648 H01R29/00 H01R4/01

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European class: H01R13/05B H01R13/08 H01R13/405 H01R13/516 H01R13/627B2 H01R13/642 H01R13/6471 H01R13/648B H01R24/58 H01R29/00 H01R43/24 T01R103/00 T01R105/00 T01R107/00 T01R12/77D6 T01R13/05B T01R13/504 T01R13/631 T01R13/642 T01R201/06 T01R4/01

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Abstract:
Source: US2013075149A A dual orientation connector having a connector tab with first and second major opposing sides and a plurality of electrical contacts carried by the connector tab. The plurality of contacts includes a first set of external contacts formed at the first major side and a second set of external contacts formed at the second major side. The first plurality of contacts are symmetrically spaced with the second plurality of contacts and the connector tab is shaped to have 180 degree symmetry so that it can be inserted and operatively coupled to a corresponding receptacle connector in either of two insertion orientations.

10) Family number: 51114357 (US2012125513A) © PatBase

Title: CYLINDRICAL SURFACE SPIN WELD APPARATUS AND METHOD OF USE

Priority:

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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 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

International class (IPC 8–9): B23K20/10 B23K20/12 B23K26/00 B23K26/28 B23K26/282 B23K26/32 B23K31/02 B23P19/00 B29C65/00 B29C65/02 B29C65/06 B29C65/78 B29C65/80 B29L31/34 H01B11/00 H01B11/18 H01B12/00 H01B13/00 H01B13/016 H01B13/20 H01B7/02 H01B7/04 H01B7/08 H01B7/42 H01F10/00 H01G2/10 H01P3/06 H01P3/08 H01P5/02 H01Q1/00 H01R103/00 H01R11/22 H01R12/79 H01R13/11 H01R13/15 H01R13/213 H01R13/504 H01R13/52 H01R13/58 H01R13/622 H01R13/625 H01R13/629 H01R13/639 H01R13/64 H01R13/646 H01R13/6592 H01R24/00 H01R24/28 H01R24/38 H01R24/40 H01R24/44 H01R24/76 H01R4/02 H01R4/62 H01R43/00 H01R43/02 H01R43/04 H01R43/16 H01R43/20 H01R43/26 H01R9/05 H02G15/02 H02G15/08 H04B5/00 (Advanced/Invention); B23K101/06 B23K101/38 B23K103/08 B23K103/10 B23K103/18 B23K20/12 B23K26/28 B23K26/32 B29C65/00 B29C65/06 B29C65/08 B29C65/48 B29C65/56 B29C65/64 B29C65/78 B29L31/34 H01B7/40 H01G4/12 H01P3/06 H01P5/02 H01R101/00 H01R103/00 H01R13/17 H01R13/18 H01R13/504 H01R13/58 H01R13/622 H01R13/625 H01R13/631 H01R24/38 H01R24/40 H01R4/62 H01R43/20 H01R9/05 (Advanced/Non–invention)

CPC: H01R9/0503 H01R13/641 H01R13/514 H01R13/748 H01R24/52 H01R13/6335 H01R4/26 H01R13/6592 H01R2101/00 Y10S439/95 H01R4/625 H01R13/622 H01R43/0221 H01R13/6392 H01R13/64 H01G2/10 H01R12/79 Y10T29/49194 Y10T29/49117 Y10T29/53 Y10T29/5313 Y10T29/532 Y10T29/53209 Y10T29/53213 Y10T29/53235 Y10T29/49181 Y10T29/49 Y10T29/49929 H01F10/00 H01Q1/00 H01R9/0521 H01R13/6315 Y02E40/64 B23K20/129 B23K26/282 B23K26/32 B23K2201/06 B23K2203/10 B29C65/082 B29C65/48 B29C65/4855 B29C65/645 B29C66/742 H01B7/40 H01R13/15 H01R13/17 H01R13/18 H01R24/44 H04B5/0012 H01R13/629 H01R13/6395 H01R13/625 H01R24/38 H01R43/02 B29C65/0672 B29C65/069 B29C65/7841 B29C66/32 H01R2103/00 H01P3/06 H01P5/026 H01P11/00 H01R24/28 B23K2203/08 B23K2203/18 B23K20/10 B23K2201/38 B29C65/06 B29C65/565 B29C66/30223 B29C66/526

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European class: B23K20/10 B23K20/12M B23K26/28B B23K26/32D2D H01R12/79 H01R13/625 H01R13/639B H01R13/64 H01R24/38 H01R24/40 H01R4/02W H01R4/26 H01R43/02 H01R43/02B H01R43/02F H01R43/20 H01R9/05 L23K201/06 L23K201/38 L23K203/10 L29C65/06B L29C65/48 L29C65/64B L29C66/5344 L29C66/742 T01R103/00 T01R13/625 T01R24/40

US class: 1/1 156/433 156/433S 156/47 156/47P 174/115 174/70R 174/74R 174/75C 174/75R 174/82 174/82P 174/84C 174/84R 174/85 219/121.6 219/121.64 219/121.640S 228/111 228/111S 228/114 228/114.5 228/114.500S 228/114S 228/2.1 29/517 29/592 29/592.1 29/700 29/729 29/745 29/747 29/748 29/753 29/825 29/828 29/857 29/857S 29/860 29/860S 29/861 29/863 29/868 29/868S 29/874 29/874S 29/876 333/238 333/238 333/238 427/58 439/217 439/247 439/248 439/274 439/314 439/314P 439/315 439/317 439/320 439/372 439/378 439/429 439/449 439/449P 439/578 439/578P 439/578S 439/579 439/581 439/583 439/584 439/607.01 439/607.02 439/624 439/660 439/681 439/717 439/874 439/950

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Abstract:
Source: US2012125513A A spin weld apparatus for spin welding a prepared end of a coaxial cable with a coaxial connector includes a cable clamp dimensioned to grip the coaxial cable and a drive collet dimensioned to enclose and rotationally interlock with a lateral surface of the coaxial connector. The drive collet is dimensioned to rotationally interlock with an interlocking portion of a spin welder. The spin welder is dimensioned to axially align the coaxial connector with the coaxial cable for spin welding when the drive collet is rotationally interlocked with the spin welder.

0) US2009148101A – HARDENED FIBER OPTIC CONNECTION SYSTEM WITH MUL...

11) Family number: 43362091 (US2009148101A) © PatBase

Title: HARDENED FIBER OPTIC CONNECTION SYSTEM WITH MULTIPLE CONFIGURATIONS

Priority:

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US20070007222	20071211	US20080029524	20080218	CN200880126396	20081209
US20080029524P	20080218	US20080203535	20080903	US20080203508	20080903
US20080203522	20080903	US20080203530	20080903	US20100825082	20100628
US20100825111	20100628	US20100843692	20100726	WO2008US86085	20081209
US20130859372	20130409	US20160286778	20161006		

Family:

Publication number	Publication date	Application number	Application date
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AU2008335251 BB	20140130	AU20080335251	20081209
AU2014202329 AA	20140522	AU20140202329	20140430
AU2014202329 BB	20151029	AU20140202329	20140430
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US2010266242 AA	20101021	US20100825082	20100628
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US2017123163 AA	20170504	US20160286778	20161006
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Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std): ADC TELECOMMUNICATIONS INC ; COMMSCOPE TECH LLC ; COMMSCOPE TECHNOLOGIES LLC ; LU YU ; REAGAN RANDY ; STANDISH CRAIG M

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMSCOPE EMEA LTD

Inventor(s):(std): LU YU ; REAGAN RANDY ; STANDISH CRAIG M ; YU LU ; RANDY REAGAN

Inventor(s):

CRAIG M STANDISH ; YU ; STANDISH ; STANDISH CRAIG ; RANDY ; REAGAN ; CRAIG M ; LU

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; JOHANSSON; PATENTANWAELTE BRESSEL UND PARTNER; MERCHANT AND GOULD PC; MERCHANT AND GOULD P C; BRUESS STEVEN C

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

International class (IPC 8–9): G02B3/68 G02B6/36 G02B6/38 (Advanced/Invention); G02B6/44 (Advanced/Non–invention); G02B6/36 G02B6/38 (Core/Invention)

International class (IPC 1–7): G02B6/38

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European class: G02B6/38D12 G02B6/38D14P G02B6/38D2H G02B6/38D2N G02B6/38D6H2 S02B6/38D10A4 S02B6/38D2K4

US class: 385/53 385/53P 385/55 385/56 385/60 385/60P 385/60S 385/62 385/62P 385/72 385/73 385/77 385/78 385/92

Classification Explorer

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Abstract:
Source: US2009148101A A fiber optic connection system includes a ruggedized fiber optic adapter and a ruggedized fiber optic connector and can further include a standard fiber optic connector (e.g., an SC connector), a pre−existing ruggedized fiber optic adapter, a first converter for converting the standard fiber optic connector to be compatible with the ruggedized fiber optic adapter, a second converter for converting the ruggedized fiber optic connector to be compatible with the pre−existing ruggedized fiber optic adapter, and a standard fiber optic adapter (e.g., an SC adapter). The ruggedized fiber optic connector is compatible with the ruggedized fiber optic adapter and with the standard fiber optic adapter. To retain the various connectors within the various adapters, various retention members and features (e.g. threaded retention members and latches) can be included in the fiber optic connection system. The first converter includes a converter housing that is sized to fit over a connector body of the standard fiber optic connector and retention shoulders of the connector body engage the converter housing.

0) US2002151979A – DEVICES AND METHOD FOR NUCLEUS PULPOSUS AUGMENT...

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Title: DEVICES AND METHOD FOR NUCLEUS PULPOSUS AUGMENTATION AND RETENTION

Priority:

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Publication number	Publication date	Application number	Application date
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Probable Assignee: INTRINSIC THERAPEUTICS INC

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Assignee(s): REDMOND RUSSELL J ; ORTHOPEDIC CO INT ; LAMBRECHT GREGORY E ; INTERNAL ORTHOPEDIC CO ; CRG SERVICING LLC ; ORTHOPEDIC CO LTD INT ; INTERNAL ORTHOPEDIC CO LTD

Inventor(s):(std)**:** LAMBRECBT GREG H ; LAMBRECHT G H ; LAMBRECHT GREG ; LAMBRECHT GREG H ; LAMBRECHT GREGG H ; LAMBRECHT GREGORY ; LAMBRECHT GREGORY E ; LAMBRECHT GREGORY H ; LAMBRECHT GREOGORY H ; LAMBRECHT H ; MOORE KEVIN ; MOORE R K ; MOORE ROBERT ; MOORE ROBERT K ; MOORE ROBERT KEVIN ; PARTIN JASON ; BANKS T ; BANKS THOMAS ; BOYAJIAN THOMAS ; CLAUDE A VIDAL ; EDMOND RUSSEL J ; EINHORN JACOB ; GREG H LAMBRECHT ; KAVANAUGH SEAN ; KEVIN MOORE ROBERT ; REDMOND RUSSEL J ; REDMOND RUSSELL J ; REDMOND J ; ROBERT KEVIN MOORE ; RUSSEL J REDMOND ; STONEBROOK SCOTT ; TARAPATA CHRIS ; VIDAL A ; VIDAL CLAUDE A

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

International class (IPC 8–9): A61B17/00 A61B17/04 A61B17/068 A61B17/22 A61B17/32 A61B17/3207 A61B17/54 A61B17/56 A61B17/58 A61B17/60 A61B17/66 A61B17/70 A61B17/84 A61B17/88 A61B19/00 A61B5/055 A61B5/103 A61B5/107 A61B8/08 A61F2/00 A61F2/02 A61F2/06 A61F2/08 A61F2/28 A61F2/30 A61F2/44 A61F2/46 A61K31/56 A61K31/573 A61K38/22 A61K45/00 A61K47/42 A61K9/00 A61L27/00 A61M31/00 A61M37/00 A61M5/00 B29C31/00 G01R33/28 (Advanced/Invention);
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A61F (Subclass/Invention)

International class (IPC 1–7): A61B17/00 A61B17/56 A61B17/58 A61B17/66 A61B17/88 A61B18/18 A61B19/00 A61B5/055 A61B5/107 A61B8/08 A61F0/00 A61F2/00 A61F2/08 A61F2/244 A61F2/28 A61F2/30 A61F2/44 A61F2/46 A61L27/00 A61M1/00 A61M37/00 B29C31/00 G01R33/28

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K61F310/00L66

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Classification Explorer

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Abstract:
Source: US2002151979A Systems for minimally invasive disc augmentation include an anulus augmentation component and a nucleus augmentation component. Both are suited for minimally invasive deployment. The nucleus augmentation component restores disc height and/or replaces missing nucleus pulposus. The anulus augmentation component shields weakened regions of the anulus fibrosis and/or resists escape of natural nucleus pulposus and/or the nucleus augmentation component. Methods and deployment devices are also disclosed.

13) Family number: 30736029 (US2004143263A) © PatBase

Title: COMPRESSIBLE JAW CONFIGURATION WITH BIPOLAR RF OUTPUT ELECTRODES FOR SOFT TISSUE FUSION

Priority:

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Probable Assignee: COVIDIEN LP

Assignee(s):[(std)]**:** SCHECHTER DAVID A ; TYCO HEALTHCARE ; SHERWOOD SERV AG ; ROBINSON WILLIAM S ; SARTOR JOE DON ; SCHMALTZ DALE FRANCIS ; WHITFIELD KENNETH H ; VIOLA FRANK J ; SARTOR JOE D ; SCHMALTZ DALE F ; WENCHELL THOMAS ; TYCO HEALTHCARE GROUP LLP ; TYCO HEALTHCARE GROUP LP ; SHERWOOD SERVICES AG ; BAILY ALI ; COVIDIEN AG ; JOHNSON KRISTIN D ; HADBA AHMAD R ; GREENHALG SKOTT ; FARASCIONI DAVID ; IVANKO DAVID ; GREENHALGH SKOTT

; COVIDIEN LP ; JACOB BRIAN P ; ARANYI ERNEST ; ARTS GENE ; SINAI SCHOOL MEDICINE

Assignee(s): TYCO HEALTHCARE GROUP LP MANSFIELD ; ARTS GENE H ; COVIDIEN LP MANSFIELD ; MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIV ; ROBINSON WILLIAM ; MOUNT SINAI SCHOOL OF MEDICINE ; TYCO HEALTHCARE GROUP AG

Inventor(s):(std)**:** HADBA AHMAD R ; IVANKO DAVID ; JACOB BRIAN P ; JOE DON SARTOR ; JOHNSON KRISTIN D ; ROBINSON WILLIAM ; ROBINSON WILLIAM S ; SARTOR JOE ; SARTOR JOE D ; SARTOR JOE DON ; SCHECHTER DAVID A ; SCHMALTZ DALE F ; SCHMALTZ DALE FRANCIS ; SKOTT GREENHALG ; THOMAS WENCHELL ; TYCO HEALTHCARE GROUP LP ; VIOLA FRANK ; VIOLA FRANK J ; WENCHELL THOMAS ; ARANYI ERNEST ; ARTS GENE ; ARTS GENE H ; BAILY ALI ; DALE FRANCIS SCHMALTZ ; DAVID FARASCIONI ; FARASCIONI DAVID ; WHITFIELD KENNETH ; WHITFIELD KENNETH H ; WILLIAM S ROBINSON ; FRANK J VIOLA ; GENE ARTS ; GREENHALG SKOTT ; GREENHALGH SKOTT

Inventor(s): HADBA AHMAD ; GREENHALG SKOTT WYNDMOOR ; SCHMALTZ DALE ; SARTOR JOE DON LONGMONT ; ROBINSON WILLIAM S BOULDER ; IVANKO DAVID SAN DIEGO ; ARTS GENE BERTHOUD ; FARASCIONI DAVID BETHEL ; WENCHELL THOMAS DURHAM

Agent(s): SPRUSON AND FERGUSON; MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; HOFFMANN EITLE; SIEGERT GEORG; SOAMES CANDIDA JANE; BIRTLE ZOE ELIZABETH; DE ELZABURU ALBERTO; MARK FARBER ESQ US SURGICAL; MARK FARBER UNITED STATES SURGICAL; UNITED STATES SURGICAL , A DIVISION OF TYCO HEALTHCARE GROUP LP; UNITED STATES SURGICAL A DIVISION OF TYCO HEALTHCARE GROUP LP; US SURGICAL A DIVISION OF TYCO HEALTHCARE GROUP; COVIDIEN; TYCO HEALTHCARE GROUP LP; TYCO HEALTHCARE GROUP LP,ATTN: IP LEGAL; TYCO HEALTHCARE GROUP LP ATTN IP LEGAL; FISH AND RICHARDSON PC

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

International class (IPC 8–9): A61B1/00 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/04 A61B17/068 A61B17/072 A61B17/08 A61B17/10 A61B17/11 A61B17/115 A61B17/12 A61B17/122 A61B17/128 A61B17/28 A61B17/29 A61B17/34 A61B17/94 A61B18/00 A61B18/04 A61B18/12 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61K31/055 A61K31/09 A61K31/133 A61K31/14 A61K31/155 A61K31/165 A61K31/18 A61K31/357 A61K31/395 A61K31/407 A61K31/43 A61K31/47 A61K31/496 A61K31/545 A61K31/575 A61K31/65 A61K31/665 A61K31/7028 A61K31/7036 A61K31/7048 A61K31/7056 A61K31/765 A61K33/18 A61K33/24 A61K38/02 A61K38/12 A61K38/14 A61K38/20 A61K38/21 A61K38/22 A61K47/34 A61L17/10 A61L17/12 A61L17/14 A61M1/00 A61M39/06 A61M5/178 A61P17/02 A61P29/00 A61P31/00 C08K5/098 C08K5/10 C08K5/101 C08L67/04 D03D15/08 D03D3/02 F16J15/50 H01R12/00 H01R13/62 H01R4/50 (Advanced/Invention);
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A61B17/00 A61B17/03 A61B18/00 A61B19/00 (Core/Non–invention)

International class (IPC 1–7): A61B1/00 A61B1/32 A61B17/04 A61B17/072 A61B17/10 A61B17/11 A61B17/28 A61B17/34 A61B18/14 A61B18/18 A61F2/02 A61F7/00 A61K A61L A61L2/00 A61M5/178 A61N1/30 H01R13/62 H01R4/24

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European class: A61B17/072B A61B17/072R A61B17/122 A61B17/128 A61B17/128E A61B17/34G A61B17/34G4 A61B17/34G4A A61B17/34G4H A61B17/34H A61B18/14 A61B18/14B

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US class: 1/1 128/898 128/898S 227/130 227/132 227/175.1 227/175.100P 227/175.100S 227/176.1 227/176.100P 227/177.1 227/177.100P 227/179.1 227/180.1 227/19 227/19S 424/426 424/426P 424/444 424/444P 424/600 424/600S 424/617 424/617S 424/78.37 424/78.370S 424/85.1 424/85.100S 424/85.2 424/85.200S 424/85.4 424/85.400S 439/404 439/404P 439/495 439/77 514/152 514/152S 514/182 514/182S 514/183 514/183S 514/192 514/192S 514/2.3 514/2.300S 514/200 514/200S 514/210.09 514/210.090S 514/23 514/23S 514/254.11 514/254.110S 514/27 514/27S 514/29 514/29S 514/312 514/312S 514/40 514/40S 514/452 514/452S 514/601 514/601S 514/628 514/628S 514/635 514/635S 514/642 514/642S 514/669 514/669S 514/721 514/721S 514/735 514/735S 514/772.7 514/772.700S 514/99 514/99S 600/184 600/207 600/207P 600/208 600/208P 600/210 604/164.01 604/167.01 604/167.010P 604/167.010S 604/167.02 604/167.03 604/167.030P 604/167.06 604/30 604/34 604/500 604/500S 604/506 604/506P 606/108 606/139 606/139S 606/142 606/142P 606/144 606/153 606/153S 606/205 606/214 606/27 606/33 606/33P 606/34 606/41 606/45 606/45P 606/49 606/49S 606/51 606/51P 606/52 606/52P 607/96 607/96P

Classification Explorer

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Abstract:
Source: US2004143263A The present disclosure relates to electrosurgical instruments for use in sealing various tissues. The instrument includes a housing having a shaft attached thereto and an end effector assembly attached to a distal end of the shaft, wherein the end effector assembly includes first and second jaw members attached thereto. The jaw members are movable relative to one another from a first position for approximating tissue to at least one additional position for grasping tissue therebetween. The jaw members have an elastomeric material disposed on an inner facing tissue contacting surface thereof with the elastomeric materials including an electrode disposed therein. The electrodes are offset a distance X relative to one another such that when the jaw members are closed about the tissue and when the electrodes are activated, electrosurgical energy flows through the tissue in a generally coplanar manner relative to the tissue contacting surfaces.

14) Family number: 54787764 (US2015027204A) © PatBase

Title: RESPIRATORY GAS HUMIDIFICATION SYSTEM

Priority: GB20140017697 20130315 US20120611331P 20120315 US20120722659P 20121105 US20120733359P 20121204 US20120733360P 20121204 US20120726532P 20121114 US20130877622P 20130913 US20130877566P 20130913 US20130877784P 20130913 US20130877736P 20130913 US20130919485P 20131220 US20130786141P 20130314 US20130649801 20131204 US20130442688 20131114 WO2013NZ00042 20130315 US20140485608 20140912 US20140024969P 20140715 US20140032462P 20140801 US20140971474P 20140327 WO2013NZ00208 20131114 WO2013NZ00222 20131204 US20140059339P 20141003 WO2014NZ00202 20140915 WO2014NZ00201 20140915 WO2014NZ50024 20141219 US20140021616 20140915 US20140105531 20141219 US20140021673 20140915

Family:

Publication number	Publication date	Application number	Application date
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Agent(s): BALDWINS INTELLECTUAL PROPERTY; ROBIC; CARTER STEPHEN JOHN; TREEBY PHILIP DAVID WILLIAM; NAGAI HIROSHI

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

International class (IPC 8–9): A61G11/00 A61M13/00 A61M16/00 A61M16/06 A61M16/08 A61M16/10 A61M16/16 A61M39/08 A61M39/10 A61M39/12 B29C53/78 F16L11/16 G01F1/69 G01F23/26 (Advanced/Invention); A61M16/00 (Advanced/Non–invention)

CPC: A61M2016/0039 A61M2205/3379 A61M2205/502 G01F23/26 G01F1/69 A61M16/0833 A61M16/108 A61M16/168 A61M2205/02 A61M2205/14 A61M2205/17 A61M2205/18 A61M2205/21 A61M2205/6018 A61M2205/6045 A61M2209/06 A61M2209/08 A61G2210/70 A61G2210/90 A61M2209/082 A61M2209/086 A61M2016/0027 A61M2016/1025 A61M2205/3389 A61M2205/505 A61M2205/6027 A61M2205/70 A61M16/0069 A61M16/06 A61M2205/60 A61M39/10 A61M2039/1022 A61M2205/3372 A61M16/0066 A61M16/0683 A61M16/0666 A61M16/0816 A61M39/08 A61M2207/00 A61M13/003 A61M39/12 A61M16/0866 A61M2205/123 A61M2205/0216 A61M2205/3334 B29C53/785 A61M16/0883 A61M16/1085 A61M2205/3653 A61M16/1045 A61M16/0003 A61B2562/16 A61M16/1095 A61G11/00 A61M16/0875 A61M16/161 A61M2016/0033 A61M2205/3368 A61M2205/50 A61M16/08 A61M16/0841 A61M2205/52 A61M16/16 A61M16/109

US class: 128/200.24 128/202.27 128/203.14 128/204.17 73/31.05

Classification Explorer

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Abstract:
Source: US2015027204A A humidification system comprises a first sensor and a second sensor. The first and second sensors are adapted to sense flow characteristics within the system. The first and second sensors are isolated from the flow by barriers formed by respective first and second sealing members. The sealing members extend through apertures formed in the system and have a portion that contacts the sensing elements of the respective first and second sensors. A cartridge can hold the sensors and provide repeatable penetration depths into a flow passage of the system. A medical tube has a composite structure made of two or more distinct components that are spirally wound to form an elongate tube. One component can be a spirally wound elongate hollow body; the other component can be an elongate structural component spirally wound between turns of the spirally wound hollow body.

0) US2005028454A – PARTITION SYSTEM

15) Family number: 31982750 (US2005028454A) © PatBase

Title: PARTITION SYSTEM

Priority:

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Family:

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WO05098168 A3	20090514	WO2005US10263	20050329	

Probable Assignee: LIFETIME PRODUCTS INC

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Inventor(s):(std)**:** ASTLE ROBERT A ; HOWE RICH ; MOWER BARRY D ; MOWER BARRY D STEED BRENT CALK ; NYE TROY W ; ROB MOWER BARRY D STEED BRENT ; STRONG CURTIS L ; STRONG L C ; STRONG L CURTIS ; WATSON NEIL ; MOWER DAVID ; WINTER DAVID C ; STEED BRENT ; RICH HOWE ; NYE TROY WILLIAM ; NEIL WATSON ; KENT STEED BRENT CALKIN JAY AS ; KENT ASHBY ; JAY CALKIN ; CALKIN JAY ; CALKEN JAY ; BRENT STEED ; ASTLE ROBERT ; ASHBY KENT

Inventor(s): DAVID MOWER ; TROY WILLIAM NYE ; STEED BRENT CALKIN JAY ASHBY KENT ; NYE TROY ; WINTER DAVID ; STRONG L ; MOWER BARRY D STEED BRENT CALKIN JAY WATSON NEIL A ; MOWER BARRY

Agent(s): CASSAN MACLEAN; WORKMAN NYDEGGER F K A WORKMAN NYDEGGER AND SEELEY; WORKMAN NYDEGGER, (F/K/A WORKMAN NYDEGGER AND SEELEY); WORKMAN NYDEGGER,1000 EAGLE GATE TOWER; WORKMAN NYDEGGER; GILMORE RICHARD C

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 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

International class (IPC 8–9): A47B13/08 B65D6/00 B65D85/00 B66B9/00 E04B1/12 E04B1/343 E04B1/344 E04B1/346 E04B2/74 E04B2/76 E04B5/00 E04B5/04 E04B7/02 E04B7/04 E04B7/16 E04B7/20 E04C2/00 E04C2/20 E04C2/22 E04C2/26 E04C2/30 E04C2/32 E04C2/40 E04C2/54 E04D13/17 E04D3/32 E04D3/35 E04D3/40 E04F11/16 E04F13/00 E04F15/00 E04F15/02 E04F15/10 E04F19/00 E04H1/00 E04H1/12 E04H14/00 E04H17/16 E04H3/00 E04H5/00 E04H6/00 E04H7/00 E04H9/00 E06B3/20 E06B3/36 E06B3/70 E06B5/00 E06B5/02 F16S1/00 F16S1/02 H01B17/32 H01B17/60 (Advanced/Invention); E04B1/61 (Advanced/Non–invention); E04B1/343 E04C2/26 E04H1/12 E06B3/32 (Core/Invention); E04B (Subclass/Invention)

International class (IPC 1–7): A47B13/08 E04B0/00 E04B1/346 E04B7/16 E04C2/00 E04C2/20 E04C2/54 E04F13/00 E04F15/00 E04F15/02 E04F19/00 E04H1/00 E04H14/00 E04H17/16 E04H3/00 E04H5/00

E04H6/00 E06B3/20 F16S1/02 H01B17/32 H01B17/60

CPC: E04B1/12 E04B1/34321 E04B7/022 E04B7/20 E04B2001/34389 E04D3/357 E04D3/40 E04H1/1205 E06B5/02 E04D3/32 E04D13/174 E04F2201/05 E04F2201/0594 E04B1/61 Y10T428/1352 E04B2/7422 E04C2/20

European class: E04B1/12 E04B1/343C1 E04B2/74C3D E04B7/02A E04B7/20 E04C2/20 E04D13/17C E04D3/32 E04D3/35B E04D3/40 E04H1/12B E06B5/02 P04B1/343P P04B1/61 P04F201/05 P04F201/05E

US class: 428/35.7 428/35.700P 52/198 52/262 52/270 52/271 52/272 52/302.3 52/309.1 52/309.100S 52/311.1 52/311.100S 52/32 52/36.1 52/36.100P 52/580 52/580P 52/591.4 52/598 52/630 52/64 52/64P 52/782.1 52/782.100S 52/782.22 52/782.220P 52/783.1 52/789.1 52/79.1 52/79.100P 52/79.100S 52/79.12 52/79.120P 52/79.5 52/79.500P 52/79.6 52/79.9 52/79.900P 52/79.900S 52/795.1 52/795.100S 52/93.2 D25/59 D6/332

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Classification Explorer

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Abstract:
Source: US2005028454A A partition system may include one or more panels. A panel may be constructed using blow−molded plastic. A panel may include one or more depressions, which may be aligned with one or more depressions on an opposing side of the panel. The depressions may provide additional structural integrity for a panel. The depressions on opposing sides of the panel may extend toward and engage each other. The panels may include patterns with which one or more depressions may intersect. The panels may include symmetric patterns on opposing sides. The partition system may include one or more connectors adapted to receive a portion of one or more panels. The partition system may include one or more feet that may be attached to one or more panels. The panels may include one or more reinforcing members of various shapes disposed proximate one or more edges of a panel.

0) US2009239977A – SELF–LEVELING CEMENTITIOUS COMPOSITION WITH CON...

16) Family number: 43710632 (US2009239977A) © PatBase

Title: SELF–LEVELING CEMENTITIOUS COMPOSITION WITH CONTROLLED RATE OF STRENGTH DEVELOPMENT AND ULTRA–HIGH COMPRESSIVE STRENGTH UPON HARDENING AND ARTICLES MADE FROM SAME

Priority:

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Family:

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WO09142791 A3	20100211	WO2009US35433	20090227	

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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

International class (IPC 8–9): A47G5/00 B23B1/00 B23B13/02 B23B13/04 B26B5/20 B28B1/093 B28B13/02 B28B19/00 B28B23/00 B28B5/02 B28B7/36 B28C5/36 B29C67/00 B32B1/00 B32B13/02 B32B13/04 B32B13/12 B32B13/14 B32B17/04 B32B27/04 B32B3/18 B32B38/10 B32B5/28 B32B7/12 B32B9/00 B62B5/20 C04B11/30 C04B111/20 C04B111/62 C04B14/00 C04B14/02 C04B14/04 C04B14/06 C04B14/38 C04B14/42 C04B14/48 C04B16/06 C04B18/14 C04B20/00 C04B22/06 C04B22/12 C04B24/06 C04B24/12 C04B24/24 C04B24/26 C04B28/00 C04B28/02 C04B28/04 C04B28/28 E04B1/343 E04C2/04 E04C2/06 E04C2/26 E04C2/34 E04C2/38 E04H12/18 E04H15/34 E04H15/48 E04H9/14 E06B9/06 F41H11/00 F41H5/02 F41H5/04 (Advanced/Invention);
C04B111/20 C04B111/62 (Advanced/Non–invention);
B29C67/00 B32B1/00 B32B13/00 B32B38/10 B32B7/12 C04B11/00 C04B14/00 C04B14/02 C04B14/38 C04B24/00 C04B28/00 F41H5/00 (Core/Invention)

International class (IPC 1–7): B32B1/00 B32B13/02 B32B13/04 B32B13/12 B32B13/14 C04B14/02 C04B14/38 C04B28/00 C04B28/28 F41H5/02 F41H5/04

CPC: E04H9/04 F41H5/013 F41H5/04 E04B1/3441 E04B1/3483 C04B28/04 C04B2111/2038 Y10S428/911 C04B2111/00103 C04B2111/00629 C04B2201/52 B28B7/364 B28B13/022 B28B19/0015 B28C5/365 B28C5/404 C04B2111/1056 C04B2111/2046 E04H9/10 F41H5/0428 F41H5/0414 F41H5/0471 B28B1/522 B28B5/027 B28B23/02 B32B13/12 C04B28/02 C04B2111/00612 C04B2111/00974 C04B2111/62 E04C2/06 Y02W30/94 B32B5/024 B32B7/08 B32B7/12 B32B13/02 B32B27/18 B32B27/32 B32B27/36 B32B2250/42 B32B2255/00 B32B2255/26 B32B2262/0223 B32B2262/0246 B32B2262/0253 B32B2262/0261 B32B2262/0269 B32B2262/062 B32B2262/101 B32B2262/103 B32B2262/106 B32B2262/14 B32B2264/102 B32B2307/50 B32B2419/00 B32B2571/00 B32B2607/00 Y10T428/249932

European class: B28B1/52C B28B13/02D2 B28B19/00B B28B23/02 B28B5/02C2 B28B7/36C B28C5/36B B28C5/40C B32B13/12 B32B13/14 C04B28/02 E04B1/344B E04B1/348C3 E04C2/06 E04H9/04 E04H9/10 F41H5/013 F41H5/04 F41H5/04C F41H5/04C4 F41H5/04F M04B111/00T6 M04B111/00T72 M04B111/10H M04B111/20P2 M04B111/62

US class: 109/49.5 135/123 135/143 135/143S 135/151 135/151S 156/153 156/39 156/42 156/45 160/135 160/351 160/352 160/377 160/379 160/379S 160/405 160/405S 264/162 264/162S 428/294.7 428/703 428/911 52/641 52/645 52/646 52/648.1 52/653.1 524/5 524/5P 89/36.02 89/36.020P 89/36.07 89/901 89/903 89/904 89/904S 89/915 89/915S 89/920 89/937 89/937S

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Forward Citations: WO17134563, WO16176623, WO16081080, WO15193444, WO15193420, WO15193419, WO14100538, WO14023309, WO14020355, WO14009649, WO13182490, WO13050783, WO12138019, US9802866, US9745224, US9617461, US9616591, US9604321, US9579822, US9540810, US9540287, US9482494, US9347745, US9328027, US9296124, US9243418, US9145679, US9121675, US9091095, US9090049, US9046325, US9038332, US8974925, US8967607, US8864901, US8646372, US8568544, US8464493, US8347775, US8329308, US8137490, US8062741, US8061257, US2017066689, US2016039716, US2015047278, US2014182777, US2013269286, US2012142812, US2011163558, US2011123355, US2011005695, US2011000514, US2010230035, US2010229715, RU2627344, RU2608139, RU2583965, RU2568449, RU168409, KR101154699, GB2504539, GB2504539, GB2478534, GB2478534, FR3022543, FR3022541, FR3022540, FR2993268, EP2671853, DK178289, DE202012013176, CN104662236, CN104661982, CN104661982, CN102108770, AU2013361137, AU2013298283,

Abstract:
Source: US2009239977A A self−leveling cementitious mixture with excellent flow properties and which hardens with a controlled rate of strength development to an ultra−high compressive strength composite composition for use in making articles such as cementitious armor panel with ballistic and blast resistant properties including: a continuous phase resulting from the curing of an aqueous mixture, in the absence of silica flour, of inorganic cement binder, inorganic mineral filler having a particle size of about 150−450 microns, pozzolanic mineral filler, polycarboxylate based self−leveling agent and water. The cementitious mixture may include alkanolamine, such as triethanolamine, and acid or acid salt, such as tartaric acid. The cementitious composition may be reinforced with reinforcing fibers, e.g. glass fibers, in an amount of about 0.5−6.0 percent by volume of the overall cementitious composition. The fibers are uniformly dispersed in the cementitious composition before it is cured to form a final cementitious armor panel.

17) Family number: 43505897 (US2009180737A) © PatBase

Title: OPTICAL FIBER INTERCONNECTION DEVICES AND SYSTEMS USING SAME

Priority:

EP20090701176 20090109 US20080010807 20080111 US20080019592P 20080107
US20080010807P 20080111 US20080019596 20080107 US20080019592 20080107
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US20100762538 20100419 WO2009US30368 20090107 WO2009US00075 20090107
WO2009US00119 20090109 US20110103249 20110509 US20110103453 20110509

Family:

Publication number	Publication date	Application number	Application date
AU2009204148 AA	20090716	AU20090204148	20090107
AU2009204505 AA	20090716	AU20090204505	20090107
BRPI0907250 A2	20170523	BR2009PI07250	20090107
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US2009236117 AA	20090924	US20090350216	20090107
US2009273915 AA	20091105	US20090350027	20090107
US2010101820 AA	20100429	US20100684023	20100107
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US2010126750 AA	20100527	US20100695916	20100128
US2010126751 AA	20100527	US20100697569	20100201
US2010193754 AA	20100805	US20100699684	20100203
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US7974105 BB	20110705	US20090350027	20090107
US7999183 BB	20110816	US20090350216	20090107
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US8273989 BB	20120925	US20100697569	20100201
US8330043 BB	20121211	US20100684023	20100107
US8411465 BB	20130402	US20110103249	20110509

US8437147 BB	20130507	US20110103453	20110509	
WO09089008 A2	20090716	WO2009US00075	20090107	
WO09089008 A3	20091008	WO2009US00075	20090107	
WO09089041 A1	20090716	WO2009US00119	20090109	
WO09089306 A1	20090716	WO2009US30368	20090107	
WO09089306 A4	20110623	WO2009US30368	20090107	
WO09089307 A2	20090716	WO2009US30369	20090107	
WO09089307 A3	20091203	WO2009US30369	20090107	

Probable Assignee: CORNING CABLE SYSTEMS LLC

Assignee(s):(std)**:** DONOWHO D BRIAN ; GARZA JOSE ARTURO ; CORNING CABLE SYS LLC ; DEAN JR DAVID L ; DONOWHO DAVID B ; DENNIS ROBERT W ; DEAN JR DAVID LEE ; DONOWHO DAVID BRIAN ; DAVID DONOWHO ; HATHCOCK MARY ; LEWIS RICHARD EVANS II ; HILLMAN LEE BAILEY ; GRAVELL LAWRENCE RANDOLPH ; LAWRENCE JAMES I ; YOUNG JOSHUA JAMES ; ZAHLIT WAYNE ARNOLD ; LEWIS II RICHARD E ; UGOLINI ALAN W ; MESSMER KARL T ; KLAVUHN TORY A ; MESSMER KARL THEODORE ; LEWIS II RICHARD EVANS ; UGOLINI ALAN WILLIAM ; RICHARD LEWIS II ; ALANIZ DANIEL ; BAILEY HILLMAN LEE ; BURNHAM WILLIAM R ; CHATSWORTH PROD INC ; COOKE TERRY L

Assignee(s): CORNING CABLE SYSTEMS LLC ; DONOWHO D ; CHATSWORTH PRODUCTS INC ; CORNING OPTICAL COMMUNICATIONS LLC

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Inventor(s): ALAN W UGOLINI ; DAVID L DEAN JR ; DAVID B DONOWHO ; BRIAN D DONOWHO ; KARL T MESSMER ; DONOWHO D ; RICHARD E LEWIS II

Agent(s): GRIFFITH HACK; STURM CHRISTOPH; PRICE PAUL ANTHONY KING; CORNING INC; TILLMAN WRIGHT PLLC; JOHN H; JAMES D; CHAD D; DAVID R; VYNALEK JOHN H; CARROLL MICHAEL E JR; WRIGHT JAMES D ET AL; WRIGHT JAMES 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 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

International class(IPC 8–9)**:** F16L3/00 F16L3/01 F16L3/02 F16L3/08 F16L3/22 G02B6/26 G02B6/38 G02B6/42 G02B6/44 H01R4/00 H02B1/01 H02B1/20 H02B1/56 H02G3/00 H02G3/04 H02G3/30 H02G7/10 H04Q1/02 H04Q1/06 H04Q1/14 H05K5/02 H05K7/14 H05K7/20 (Advanced/Invention); H02B1/56 H05K7/20 (Advanced/Non–invention); F16L3/00 F16L3/01 F16L3/02 F16L3/08 F16L3/22 G02B6/38 G02B6/44 H02B1/00 H02B1/20 H02G3/00 H02G3/04 H02G3/30 H02G7/00 H04Q1/02 H05K5/02 H05K7/14 H05K7/20 (Core/Invention); H02B1/00 H05K7/20 (Core/Non–invention)

CPC: G02B6/3897 G02B6/4453 G02B6/4472 G02B6/3608 H05K7/1447 H04Q1/14 H04Q1/06 H04Q1/035 H02G3/30 H02G3/0456 H04Q1/062 H05K7/1491 H04Q1/09 G02B6/4459 G02B6/4452

European class: G02B6/38D16 G02B6/44C8A6 G02B6/44C8D H02G3/04G H02G3/30 H04Q1/02 H04Q1/06 H05K7/14S4D S02B6/36F S02B6/44C8A4 S02B6/44C8Z1

US class: 174/100 174/101 174/135 174/135S 174/168 174/173 174/197 174/50 174/68.1 174/68.3 174/72A 174/72R 174/97 211/26 248/65 248/65P 248/65S 248/68.1 248/68.100P 254/134.3CL 312/265.1 312/354.1 361/825 361/826 361/826P 385/134 385/135 385/15

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Abstract:
Source: US2009180737A Optical fiber interconnection devices, which can take the form of a module, are disclosed that include an array of optical fibers and multi−fiber optical−fiber connectors, for example, two twelve−port connectors or multiples thereof, and three eight−port connectors or multiples thereof. The array of optical fibers is color−coded and is configured to optically interconnect the ports of the two twelve−port connectors to the three eight−port connectors in a manner that preserves transmit and receive polarization. In one embodiment, the interconnection devices provide optical interconnections between twelve−fiber optical connector configurations to eight−fiber optical connector configurations, such as from twelve−fiber line cards to eight−fiber line cards, without having to make structural changes to cabling infrastructure. In one aspect, the optical fiber interconnection devices provide a migration path from duplex optics to parallel optics.

18) Family number: 42244548 (US2002138025A) © PatBase

Title: MEDICAL SLINGS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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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 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

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Abstract:
Source: US2002138025A A medical sling made from material that is suitably shaped for use in a medical application has sides, portions of which are smoothed to prevent abrasion of surrounding tissue.

0) US2007250020A – DEVICES AND METHODS FOR TREATMENT OF OBESITY

19) Family number: 40749690 (US2007250020A) © PatBase

Title: DEVICES AND METHODS FOR TREATMENT OF OBESITY

Priority:

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Probable Assignee: VIBRYNT INC

Assignee(s):(std)**:** BRIGHT EARL A II ; EXPLORAMED NC3 INC ; BROOKS III NARVEL M ; DREISSIGACKER MARLO ; BROOKS NARVEL M ; BRIGHT II EARL A ; DREISSIGACKER MARIO ; BROOKS NARVEL M III ; KIM STEVEN ; MAKOWER JOSHUA ; LEE CRYSTINE ; UEMURA SHUJI ; SHIU BRIAN K ; FRIEDMANN JOSEF L ; JOHNSON DANE A ; LEE CRYSTINE M ; LIMON TIMOTHY A ; HUSS BEVERLY ; NEWELL MATTHEW B ; RATHI PANKAJ ; GEORGE ROBERT M ; ACOSTA PABLO G ; BENDER THEODORE M ; VIBRYNT INC ; VIBSYNT INC

Assignee(s): VIBRYNT INC REDWOOD CITY ; VIBRYNT INC A DELAWARE CORP ; RESHAPE MEDICAL INC ; BRIGHT EARL A ; EXPLORAMED NC3 INC A DELAWARE CORP

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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 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

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A61B5/03 (Core/Non–invention)

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Abstract:
Source: US2007250020A Implantable devices, instruments, kits and methods for treatment of obesity. One or more devices can be implanted adjacent to or in contact with the stomach to occupy a space to prevent the stomach from expanding into that space as food is taken into the stomach. Alternatively, one or more devices may be implanted and expanded to displace at least a portion of the wall of the stomach to decrease the internal volume of the stomach that is available to receive food. Devices may be anchored to one or more internal structures at one or more locations without piercing through the wall of the stomach. Devices can be implanted using minimally invasive methods, such as percutaneous or laparoscopic methods. Delivery instruments are also provided. An intra−gastric sizing device is provided to facilitate implantation of an extra−gastric device in some method embodiments.

0) US2012229615A – ENDOSCOPE CIRCUIT BOARD ASSEMBLY

20) Family number: 51294065 (US2012229615A) © PatBase

Title: ENDOSCOPE CIRCUIT BOARD ASSEMBLY

Priority:

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Probable Assignee: ENDOCHOICE INNOVATION CT LTD

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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 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

International class (IPC 8–9): A61B A61B1/00 A61B1/005 A61B1/012 A61B1/015 A61B1/018 A61B1/04 A61B1/045 A61B1/05 A61B1/06 A61B1/07 A61B1/12 A61B1/31 A61B19/00 A61B5/00 A61B5/06 A61B90/00 A61B90/90 A61M13/00 A61M3/02 G02B13/00 G02B13/04 G02B13/06 G02B23/24 G02B23/26 G02B9/60 H04N5/04 H04N5/225 H04N5/232 H04N5/268 H04N5/77 H04N5/91 H04N7/18 H04N9/47 H05B33/08 (Advanced/Invention); A61B1/018 A61B1/06 A61B1/12 A61B1/31 G02B13/06 G02B23/24 H04N5/225 (Advanced/Non–invention);

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Classification Explorer

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Abstract:
Source: US2012229615A There is provided herein a circuit board assembly for a tip section of a multi−camera endoscope comprising a camera circuit board configured to carry at least one front−pointing camera and at least one side−pointing camera, a flexible illuminator circuit board comprising at least one foldable panel and configured to carry at least one front illuminator for essentially illuminating the field of view (FOV) of the front−pointing camera and at least one side illuminator for essentially illuminating the FOV of the side−pointing camera.

- **search:** SS15 (14) and FT=(lock* and fast*) (Results 870)
- List: SS15 1−50 ((14) and FT=(lock* and fast*)) (Results 870)

0) US2005248914A – NOTEBOOK COMPUTER LOCKING BASE

1) Family number: 32432180 (US2005248914A) © PatBase

Title: NOTEBOOK COMPUTER LOCKING BASE

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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 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 YU ZA ZM ZW

International class (IPC 8–9)**:** A47B81/00 A47B91/00 A47B97/00 A47F3/00 A47F7/00 A47F7/024 B23P11/00 E05B27/00 E05B65/00 E05B65/46 E05B69/00 E05B73/00 E05B9/04 E05C7/06 F16L3/00 F16M13/00 G06F1/16 G06F21/86 G06F21/88 H01L23/12 H01L23/34 H05K5/00 H05K7/00 H05K7/16 (Advanced/Invention);
A47B23/04 (Advanced/Non–invention);
A47B81/00 A47B91/00 A47B97/00 A47F7/00 E05B65/44 E05B69/00 E05B73/00 E05C7/00 F16L3/00 F16M13/00 G06F1/16 H01L23/12 H01L23/34 H05K5/00 H05K7/00 H05K7/16 (Core/Invention)

International class (IPC 1–7)**:** G06F1/16

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European class: E05B73/00 E05B73/00D P05B73/00A

US class: 1/1 211/8 211/9 248/551 248/553 257/727 257/731 29/428 29/525.03 312/223.2 361/679 361/679.01 361/679.010S 361/679.03 361/679.030P 361/679.55 361/679.550P 361/679.56 361/679.560P 361/679.57 361/679.570P 361/679.570S 361/679.58 361/679.580S 361/680 361/681 361/683 361/684 361/686 70/15 70/15S 70/373 70/373S 70/50 70/58 70/58S

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Abstract:
Source: US2005248914A A notebook/laptop computer locking assembly includes a locking base secured to a working surface. The locking base has a first rear wall to receive a keyboard portion of the notebook computer, with a screen portion of the notebook computer in the open position resting against the rear wall. A locking bar is adapted to pivot over the notebook computer screen in the open position, extending across a front surface of the screen portion. This locking bar has a rearwardly extending locking plug insertable within a locking receptacle of a lock. The locking bar is deployed on the notebook computer, thereby preventing removal of the notebook computer from the locking base. Additionally, locking holes are aligned with each other to receive a padlock to lock the locking bar to the locking base.

0) US2008049949A – LIGHTWEIGHT AUDIO SYSTEM FOR AUTOMOTIVE APPLICA...

2) Family number: 41512621 (US2008049949A) © PatBase

Title: LIGHTWEIGHT AUDIO SYSTEM FOR AUTOMOTIVE APPLICATIONS AND METHOD

Priority:

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Family:

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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 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

International class (IPC 8–9): A44B1/00 A47B81/00 A47F7/00 B05D5/06 B21D11/10 B21D26/027 B21D26/031 B23K26/38 B23P11/00 B23P13/00 B23P15/00 B23P17/00 B23P25/00 B23P9/00 B29C39/02 B29C43/00 B29C43/20 B29C45/14 B29C51/10 B29C59/16 B29D17/00 B41M5/24 B60R11/00 B60R11/02 B60R5/00 B65D85/00 E05D3/06 E05D3/14 F16B1/00 F16B19/00 F28F7/00 G04B17/00 G04C11/02 G04G5/00 G04G7/02 G04R20/10 G05G1/02 G06F1/00 G06F1/16 G06F1/18 G06F11/00 G06F17/00 G06F19/00 G06F9/445 G11B33/12 G12B9/00 H01H13/14 H01H13/70 H01H3/02 H01H3/12 H01R13/502 H02H3/00 H04B1/00 H04B1/06 H04B1/08 H04B15/02 H04H20/47 H04Q7/20 H04R1/00 H04R1/02 H04R29/00 H05F1/00 H05K1/02 H05K1/14 H05K11/02 H05K13/00 H05K3/00 H05K3/36 H05K5/00 H05K5/02 H05K7/02 H05K7/12 H05K7/14 H05K7/20 H05K9/00 (Advanced/Invention);
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Forward Citations: WO17001888, WO16073064, WO12125436, WO10099415, WO10036218, US9802488, US9776560, US9759881, US9731600, US9668388, US9652003, US9642284, US9635770, US9625949, US9618973, US9618968, US9578769, US9541961, US9525387, US9507378, US9497878, US9485893, US9468110, US9456535, US9456531, US9455500, US9446709, US9439051, US9400529, US9398806, US9398710, US9397485, US9345165, US9340133, US9327650, US9326556, US9320168, US9287627, US9271430, US9262958, US9237685, US9237683, US9192083, US9173332, US9167712, US9125293, US9119288, US9079546, US9042119, US9025301, US9013881, US9004588, US8988884, US8982561, US8958204, US8947860, US8879249, US8857045, US8837169, US8830687,

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Abstract:
Source: US2008049949A A lightweight radio/CD player for vehicular application is virtually "fastenerless" and includes a case and frontal interface formed of polymer based material that is molded to provide details to accept audio devices such as playback mechanisms (if desired) and radio receivers, as well as the circuit boards required for electrical control and display. The case and frontal interface are of composite structure, including an insert molded electrically conductive wire mesh screen that has been pre−formed to contour with the molding operation. The wire mesh provides EMC, RFI, BCI and ESD shielding and grounding of the circuit boards via exposed wire mesh pads and adjacent ground clips. The PCB architecture is bifurcated into a first board carrying common circuit components in a surface mount configuration suitable for high volume production, and a second board carrying application specific circuit components in a wave soldered stick mount configuration. The major components and subassemblies are self−fixturing during the final assembly process, eliminating the need for dedicated tools, fixtures and assembly equipment. The major components and subassemblies self−interconnect by integral guide and connection features effecting "slide lock" and "snap lock" self−interconnection. The radio architecture includes improved push buttons employing 4−bar living hinge linkage and front loaded decorative trim buttons.

3) Family number: 32452873 (US2002013571A) © PatBase

Title: METHODS AND DEVICES FOR CAPTURING AND FIXING LEAFLETS IN VALVE REPAIR

Priority:

CA20002369641	20000407	CA20002620783	20000407	US19990128690	19990409
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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/04 A61B17/00 A61B17/04 A61B17/06 A61B17/062 A61B17/064 A61B17/068 A61B17/08 A61B17/10 A61B17/11 A61B17/12 A61B17/122 A61B17/128 A61B17/28 A61B17/94 A61B18/04 A61B18/12 A61B18/14 A61B19/00 A61B19/02 A61B5/00 A61B5/04 A61D1/00 A61F2/24 A61L27/00 A61L29/00 A61M25/00 A61M25/01 A61M25/08 A61M25/088 A61M25/092 (Advanced/Invention); A61B17/00 A61B17/04 A61B17/06 A61B17/064 A61B17/068 A61B17/072 A61B17/08 A61B17/12 A61B17/128 A61B17/29 A61B18/18 A61B18/20 A61B8/10 A61F11/00 A61F2/24 A61M25/01 A61M5/178 (Advanced/Non–invention); A61B17/00 A61B17/03 A61B17/04 A61B17/12 A61B17/28 A61B19/00 A61F2/24 A61M25/00 A61M25/01 (Core/Invention); A61B17/03 A61B17/06 A61B17/064 A61B17/068 A61B17/12 A61F2/24 (Core/Non–invention); A61B A61M (Subclass/Invention)

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US class: 1/1 128/898 128/898S 600/139 600/141 600/142 600/300 600/373 600/374 600/381 600/585 604/164.13 604/165.01 604/264 604/264S 604/523 604/95.04 604/95.040P 606/1 606/108 606/108S 606/139 606/139P 606/142 606/142S 606/144 606/144P 606/144S 606/148 606/150 606/151 606/151P 606/153 606/155 606/157 606/157P 606/190 606/191 606/1P 606/205 606/205S 606/213 606/213S 606/215 606/216 606/219 606/219S 606/221 606/222 606/222S 606/232 606/232S 606/27 606/27S 623/2.11 623/2.110P 623/2.110S 623/2.12 623/2.120S 623/2.36 623/2.360P 623/2.360S 623/23.6 623/23.600P

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Abstract:
Source: US2002013571A The present invention provides methods and devices for grasping, and optional repositioning and fixation of the valve leaflets to treat cardiac valve regurgitation, particularly mitral valve regurgitation. Such grasping will typically be atraumatic providing a number of benefits. For example, atraumatic grasping may allow repositioning of the devices relative to the leaflets and repositioning of the leaflets themselves without damage to the leaflets. However, in some cases it may be necessary or desired to include grasping which pierces or otherwise permanently affects the leaflets. In some of these cases, the grasping step includes fixation.

0) US2006089646A – DEVICES AND METHODS FOR STABILIZING TISSUE AND ...

4) Family number: 32870556 (US2006089646A) © PatBase

Title: DEVICES AND METHODS FOR STABILIZING TISSUE AND IMPLANTS

Priority:
US20040622095P 20041026 US20050202294 20051005 US20050258795 20051026
US20060358311 20060221 US20050655140P 20050222 US20090576992 20091009
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US20140204522 20140311 US20140205442 20140312 US20150866001 20150925
US20160163425 20160524

Family:

Publication number	Publication date	Application number	Application date
US2006089646 AA	20060427	US20050258795	20051026
US2006229623 AA	20061012	US20060358311	20060221
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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 IN IS IT JP KE KG KM KN KP KR 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 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

International class (IPC 8–9): A61B17/02 A61B17/04 A61B17/16 A61B17/17 A61B17/56 A61B17/68 A61B17/70 A61B17/84 A61B17/88 A61F2/00 A61F2/08 A61F2/30 A61F2/44

A61L27/58 (Advanced/Invention);
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Abstract:
Source: US2006089646A The present invention provides a method for intervertebral disc surgery. The method includes creating a passage in a vertebral body adjacent to the intervertebral disc. The passage extends from a side surface of the vertebral body to a nucleus pulposus of the intervertebral disc. Annulus fibrosis tissue of the intervertebral disc is not incised during the surgery.

0) US2002023853A – CASE WITH INTERNAL LOCK

5) Family number: 32028046 (US2002023853A) © PatBase

Title: CASE WITH INTERNAL LOCK

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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AU2001280888 AA	20020603	AU20010280888	20010730
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International class (IPC 8–9): A47F7/024 B65D50/06 B65D55/02 B65D85/57 B65D85/67 E05B65/00 E05B73/00 G11B23/02 G11B23/03 G11B33/04 (Advanced/Invention); G11B33/04 (Advanced/Non–invention); B65D50/00 B65D55/02 B65D85/57 B65D85/67 E05B65/00 E05B73/00 G11B23/02 G11B23/03 G11B33/04 (Core/Invention)

International class (IPC 1–7): A47F7/024 B65D085/57 B65D55/02 B65D85/57 E05B073/00 E05B65/00 E05B65/52 E05B73/00 G11B023/03 G11B23/02 G11B23/03

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European class: B65D50/06H E05B73/00B2 G11B33/04D1B1 S11B33/04D

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Classification Explorer

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Abstract:
Source: US2002023853A A lockable storage case includes a top cover pivotably coupled to a bottom cover through a spine. The top cover includes loops or an upper lock receiving member and a lower lock receiving

member defining a top cover lock insertion path. The bottom cover includes loops or an upper lock receiving member and a lower lock receiving member defining a bottom cover lock insertion path. The lower lock receiving members of both the top and bottom covers include hooks for receiving and maintaining a latch. When the top cover is closed on the bottom cover, the top and bottom cover insertion paths combine to form a combined lock insertion path. A lock for the storage case includes first and second catch mechanisms with first and second catches. To lock the storage case, the lock is inserted into the combined lock insertion path so that the catches on the lock mate with and are retained with the hooks in the top and bottom covers.

6) Family number: 33814190 (US2006265042A)

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Title: DEVICES, SYSTEMS AND METHODS FOR RETRACTING, LIFTING, COMPRESSING, SUPPORTING OR REPOSITIONING TISSUES OR ANATOMICAL STRUCTURES

Priority:

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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 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 YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/307 A61B1/313 A61B17/00 A61B17/02 A61B17/03 A61B17/04 A61B17/06 A61B17/062 A61B17/08 A61B17/10 A61B17/12 A61B17/122 A61B17/128 A61B17/29 A61B17/32 A61B17/3205 A61B17/3209 A61B17/34 A61B17/42 A61B17/58 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61F2/04 A61F2/06 A61F2/26 A61F2/76 A61F2/78 A61F2/82 A61K31/137 A61K31/167 A61K31/4164 A61K31/445 A61K31/46 A61K31/728 A61K38/48 A61K39/08 A61M25/01 A61M25/06 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M5/14 A61M5/158 A61M5/178 A61P21/00 (Advanced/Invention); A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/064 A61B17/068 A61B17/29 A61B17/32 A61B17/34 A61B17/42 A61B18/00 A61B18/14 A61B18/18 A61B18/20 A61B19/00 A61F2/04 (Advanced/Non–invention); A61B1/00 A61B17/00 A61B17/03 A61B17/04 A61B17/062 A61B17/12 A61B17/42 A61B17/58 A61B18/18 A61F2/02 A61F2/06 A61K39/08 A61M29/00 A61M5/14 A61P21/00 (Core/Invention); A61B17/00 (Core/Non–invention)

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Abstract:
Source: US2006265042A Devices, systems and methods for retracting, lifting, compressing, supporting or repositioning tissues, organs, anatomical structures, grafts or other structures within the body of human or animal subjects for the purpose of treating diseases or disorders and/or for cosmetic or reconstructive purposes and/or for research and development purposes or other purposes.

0) US2010166475A – TAPE PRINTER

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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 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

International class (IPC 8–9): B23B B41J B41J11/00 B41J11/42 B41J11/44 B41J11/46 B41J11/58 B41J15/00 B41J15/02 B41J15/04 B41J17/24 B41J17/30 B41J17/32 B41J2/005 B41J2/315 B41J2/32 B41J2/325 B41J2/485 B41J21/00 B41J29/00 B41J29/393 B41J29/46 B41J3/26 B41J3/36 B41J3/407 B41J32/00 B41J33/04 B41J33/10 B41J33/14 B41J33/26 B41J33/52 B41J35/04 B41J35/06 B41J35/28 B41J35/36 B65H16/02 B65H16/06 B65H19/00 B65H19/12 B65H23/035 B65H23/06 B65H26/00 B65H43/00 B65H7/02 B65H7/06 B65H75/00 F16C13/00 G03G15/08 G11B23/04 (Advanced/Invention); B41J11/00 B41J15/04 B41J32/00 B65H19/12 B65H26/00 (Advanced/Non–invention); B41J11/00 B41J11/42 B41J11/44 B41J11/58 B41J15/00 B41J15/04 B41J29/46 B41J3/00 B41J3/36 B41J32/00 B41J33/00 B41J33/14 B41J35/04 B41J35/28 B65H19/12 B65H26/00 B65H7/02 B65H7/06 (Core/Invention); B41J15/04 B41J32/00 (Core/Non–invention); B41J (Subclass/Invention)

International class (IPC 1–7): B41J15/04 B41J3/407

CPC: B41J17/32 B41J35/36 B41J2/32 B41J15/02 B41J15/00 B41J33/14 B41J11/007 B41J2/0057 B41J3/4075 B41J11/008 B41J11/46 B41J2/325 B41J32/00 B41J15/044 B41J11/009

European class: B41J11/00U B41J15/04C B41J17/32 B41J3/407L

US class: 1/1 242/160.4 242/160.400P 242/590 242/590S 347/104 347/171 347/214 347/214P 347/218 347/221 400/194 400/194P 400/196 400/196P 400/207 400/207P 400/208 400/229 400/229P 400/236 400/242 400/611 400/613 400/613P 400/619 400/619P 400/76 400/76P 400/88

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Abstract:
Source: US2010166475A A tape printer includes a tape cassette including a housing, a cassette housing portion, a feeding device, a printing device, a plurality of detecting switches that protrude toward a side surface of the housing of the tape cassette installed in the cassette housing portion, a first determining device that, if a part of the detecting switches is pressed, determines that the tape cassette is installed, and a second determining device that, if a specific detecting switch among the detecting switches is pressed, determines that the tape cassette is not installed at a proper position. The tape cassette includes a first pressing portion that, if the tape cassette is installed at the proper position, presses a part of the detecting switches, and a second pressing portion that, if the tape cassette is not installed at the proper position, presses the specific detecting switch.

0) US2003051372A – CUSTOMIZED ARTICLE OF FOOTWEAR AND METHOD OF CO...

8) Family number: 29689668 (US2003051372A) © PatBase

Title: CUSTOMIZED ARTICLE OF FOOTWEAR AND METHOD OF CONDUCTING RETAIL AND INTERNET BUSINESS

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Family:

Publication number	Publication date	Application number	Application date
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US2017280816 AA	20171005	US20170629699	20170621
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WO0187106 A2	20011122	WO2001US16159	20010517
WO0187106 A3	20020411	WO2001US16159	20010517

Probable Assignee: GANZ LAW PC

Assignee(s):(std)**:** LYDEN ROBERT M ; LYDEN ROBERT MICHAEL ; ROBERT M LYDEN

Assignee(s): ROBERT MICHAEL LYDEN ; UBATUBA LLC ; GANZ LAW PC

Inventor(s):(std): LYDEN ROBERT M ; LYDEN ROBERT MICHAEL

Inventor(s): ROBERT MICHAEL LYDEN ; ROBERT M LYDEN ; LYDEN ROBERT

Agent(s): ROBERT M LYDEN; WESTMAN CHAMPLIN AND KELLY PA; NICKOLAS E

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ 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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): A43B1/00 A43B1/04 A43B13/00 A43B13/04 A43B13/12 A43B13/14 A43B13/18 A43B13/20 A43B13/28 A43B13/36 A43B13/38 A43B21/00 A43B21/32 A43B23/00 A43B23/02 A43B23/04 A43B23/08 A43B3/10 A43B3/12 A43B3/24 A43B3/26 A43B5/06 A43B7/14 A43B7/22 A43C11/00 A43C15/00 A43C15/02 A43D1/02 A43D11/00 A43D33/00 G06F17/60 G06Q30/00 G06Q30/06 (Advanced/Invention); B33Y80/00 (Advanced/Non–invention); A43B13/00 A43B13/18 A43D1/00 (Core/Invention)

International class (IPC 1–7): A43B13/28 A43B13/36 A43B13/42 A43D G06F17/00 G06F17/60

CPC: A43B1/04 A43B23/0215 A43B23/021 A43B23/028 A43B23/026 A43B1/0063 A43B13/04 A43B13/122 A43B13/141 A43B13/186 A43B13/188 A43B3/26 G06Q10/00 B33Y80/00 A43B13/28 A43B3/10 A43C15/02 A43B1/0081 A43B3/128 A43B7/22 A43B13/183 A43B13/184 A43B13/36 A43D11/006 G06Q30/0621 A43B3/0078 A43B7/1465 A43B21/26 A43B23/042 A43B23/24 A43D1/02 G06Q30/0603 G06Q30/0613

European class: A43B1/00V A43B13/18A2 A43B13/18A3 A43B13/36 A43B21/26 A43B23/04B A43B23/24 A43B3/00S80 A43B3/12S A43B7/14A30R A43B7/22 A43D1/02 A43D11/00B G06Q30/0603 G06Q30/0613 G06Q30/0621 G06Q30/06C

US class: 1/1 12/146.00BS 12/146.00RS 12/146B 12/146R 12/147.00RS 12/147R 2/239 36/100 36/100P 36/102 36/103 36/103P 36/129 36/134 36/25.00RS 36/25R 36/27 36/270 36/27P 36/29 36/35.00B 36/35.00R 36/35.00RS 36/35B 36/35R 36/37 36/37S 36/38 36/43 36/43S 36/45 36/50.1 36/50.100S 36/59.00RS 36/59R 36/67.00D 36/67D 36/68 36/69 36/69S 36/7.8 36/84 36/84P 36/9.00R 36/9R 66/185 705/1 705/1.1 705/1.100S 705/26 705/26.41 705/26.410P 705/26.5 705/26.500P 705/26.500S 705/26P

Classification Explorer

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Abstract:
Source: US2003051372A The article of footwear taught in the present invention includes a spring element that can provide improved cushioning, stability, and running economy. Unlike the conventional foam materials presently being used by the footwear industry, a preferred spring element is not substantially subject to compression set degradation and can provide a relatively long service life. The components of the article of footwear including the upper, insole, spring element, and sole can be selected from a range of options, and can be easily removed and replaced, as desired. Moreover, the present invention teaches a method of making a customized article of footwear, and also a way of doing retail and Internet business.

0) US2008258478A – SECURITY DEVICE HAVING A CABLE

9) Family number: 33078689 (US2008258478A) © PatBase

Title: SECURITY DEVICE HAVING A CABLE

Priority:

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AT506511 E	20110515	AT20050853571T	20051207
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Abstract:
Source: US2008258478A Systems and apparatuses for a security device having a cable (922) are disclosed.

0) US2007250020A – DEVICES AND METHODS FOR TREATMENT OF OBESITY

10) Family number: 40749690 (US2007250020A) © PatBase

Title: DEVICES AND METHODS FOR TREATMENT OF OBESITY

Priority:

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Probable Assignee: VIBRYNT INC

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Agent(s): SPRUSON AND FERGUSON; SMART AND BIGGAR; VIERING JENTSCHURA AND PARTNER; ZBM PATENTS; BARLOCCI ANNA; LAW OFFICE OF ALAN W CANNON; ALAN W; LAW OFFICES OF ALAN W CANNON; CANNON ALAN W

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

International class (IPC 8–9): A61B1/00 A61B1/01 A61B1/018 A61B17/00 A61B17/03 A61B17/04 A61B17/072 A61B17/08 A61B17/10 A61B17/115 A61B17/12 A61B17/128 A61B17/34 A61B19/00 A61B5/03 A61B5/05 A61F13/00 A61F17/00 A61F2/00 A61F2/02 A61F2/04 A61F5/00 A61M25/00 A61M25/10 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M5/00 B32B37/02 B32B37/06 B32B38/00 (Advanced/Invention);
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Abstract:
Source: US2007250020A Implantable devices, instruments, kits and methods for treatment of obesity. One or more devices can be implanted adjacent to or in contact with the stomach to occupy a space to prevent the stomach from expanding into that space as food is taken into the stomach. Alternatively, one or more devices may be implanted and expanded to displace at least a portion of the wall of the stomach to decrease the internal volume of the stomach that is available to receive food. Devices may be anchored to one or more internal structures at one or more locations without piercing through the wall of the stomach. Devices can be implanted using minimally invasive methods, such as percutaneous or laparoscopic methods. Delivery instruments are also provided. An intra−gastric sizing device is provided to facilitate implantation of an extra−gastric device in some method embodiments.

11) Family number: 30222191 (US2004059212A) © PatBase

Title: APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS

Priority:

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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 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 YU

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A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/04 A61B5/145 A61B5/1491 A61B8/08 G01K7/22 (Advanced/Non–invention);
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A61B G01K G01N (Subclass/Invention)

International class (IPC 1–7): A61B5/00 A61B5/01 A61B5/04 G01B11/24 G01K1/02 G01N0/00 G02B27/00 G02C11/00

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US class: 1/1 250/338.1 250/339.11 250/339.15 250/341.1 250/341.8 340/539.12 348/77 351/158 374/121 374/141 374/163 374/170 374/185 374/208 374/45 374/E13.002 374/E13.002S 600/300 600/301 600/301P 600/309 600/310 600/315 600/315P 600/316 600/323 600/340 600/344 600/373 600/373P 600/474 600/476 600/479 600/549 600/549P 600/587 600/595 607/96 701/1 701/36 701/41 701/70 702/135

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Abstract:
Source: US2004059212A Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel.

0) US2009148101A – HARDENED FIBER OPTIC CONNECTION SYSTEM WITH MUL...

12) Family number: 43362091 (US2009148101A) © PatBase

Title: HARDENED FIBER OPTIC CONNECTION SYSTEM WITH MULTIPLE CONFIGURATIONS

Priority:

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US20100825111	20100628	US20100843692	20100726	WO2008US86085	20081209
US20130859372	20130409	US20160286778	20161006		

Family:

Publication number	Publication date	Application number	Application date
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AU2008335251 BB	20140130	AU20080335251	20081209
AU2014202329 AA	20140522	AU20140202329	20140430
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Probable Assignee: COMMSCOPE TECHNOLOGIES LLC

Assignee(s):(std): ADC TELECOMMUNICATIONS INC ; COMMSCOPE TECH LLC ; COMMSCOPE TECHNOLOGIES LLC ; LU YU ; REAGAN RANDY ; STANDISH CRAIG M

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMSCOPE EMEA LTD

Inventor(s):(std): LU YU ; REAGAN RANDY ; STANDISH CRAIG M ; YU LU ; RANDY REAGAN

Inventor(s):

CRAIG M STANDISH ; YU ; STANDISH ; STANDISH CRAIG ; RANDY ; REAGAN ; CRAIG M ; LU

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; JOHANSSON; PATENTANWAELTE BRESSEL UND PARTNER; MERCHANT AND GOULD PC; MERCHANT AND GOULD P C; BRUESS STEVEN C

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

International class (IPC 8–9): G02B3/68 G02B6/36 G02B6/38 (Advanced/Invention); G02B6/44 (Advanced/Non–invention); G02B6/36 G02B6/38 (Core/Invention)

International class (IPC 1–7): G02B6/38

CPC: G02B6/3826 G02B6/3816 G02B6/3849 G02B6/3887 G02B6/3893 G02B6/4433 G02B6/3825 G02B6/3821 G02B6/3877 G02B6/3894

European class: G02B6/38D12 G02B6/38D14P G02B6/38D2H G02B6/38D2N G02B6/38D6H2 S02B6/38D10A4 S02B6/38D2K4

US class: 385/53 385/53P 385/55 385/56 385/60 385/60P 385/60S 385/62 385/62P 385/72 385/73 385/77 385/78 385/92

Classification Explorer

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Forward Citations: WO17182449, WO17106012, WO17046190, WO17046185, WO16196893, WO16078613, WO15197588, WO15116589, WO15025060, WO14167447, WO14052414, WO13050320, WO12110876, WO12027313, WO11063226, WO11063226, WO11053461, USRE42522, US9810861, US9810858, US9810855, US9810853, US9766414, US9766413, US9739969, US9739951, US9733436, US9726831, US9720185, US9709756, US9705605, US9696500, US9684138, US9671569, US9667018, US9664862, US9625660, US9615004, US9614319, US9599780, US9594219, US9557505, US9557498, US9557494, US9553669, US9535230, US9532608, US9516202, US9507102, US9500816, US9488793, US9482829, US9477049, US9472314, US9470850, US9461397, US9459411, US9448369, US9442257, US9438774, US9438342, US9414137, US9400357, US9395499, US9312676, US9310578, US9310570, US9304262, US9291780, US9268102, US9261658, US9229177, US9225419, US9223093, US9217833, US9176287, US9160099, US9158076, US9140858, US9122021, US9118146, US9110267, US9110266, US9110255, US9110253, US9106981, US9104001, US9078287, US9063296, US9057858, US9052468, US9042736, US9016953, US8939654, US8929740, US8917967, US8915656, US8894300, US8886046, US8882364, US8870469, US8864391, US8864389, US8861919, US8853537, US8842962, US8840317, US8837940, US8794852, US8770862, US8758062, US8757915, US8757899, US8746987, US8740473, US8646989, US8620130, US8585413, US8573853, US8544171, US8532490, US8500341, US8500339, US8485736, US8480428, US8480312, US8465212, US8419291, US8414196, US8376628, US8356947, US8348518, US8337094, US8277128, US8240927, US8221006, US8202008, US8128294, US8123547, US7993063, US7959361, US7942590, US7857523, US7762726, US7744288, US7744286, US2017054505, US2017045695, US2017031108, US2017010428, US2017003457, US2016372883, US2016356968, US2016356964, US2016308307, US2016299297, US2016187590, US2016178859, US2016091684, US2016011376, US2015346438, US2015177467, US2015168656, US2015043870, US2015004814, US2014341511, US2014316395, US2014287613, US2014226937, US2014213074, US2014159320, US2014064665, US2014060927, US2014044394, US2013301993, US2013230284, US2013177278, US2013163933, US2013148928, US2013068869, US2013028569, US2013011101, US2012295450, US2012248392, US2012170895, US2012167387, US2012106899, US2012076463, US2012063723, US2012045175, US2012027359, US2011274401, US2011211792, US2011200286, US2011194823, US2011188810, US2011170829, US2011151706, US2011150398,

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Abstract:
Source: US2009148101A A fiber optic connection system includes a ruggedized fiber optic adapter and a ruggedized fiber optic connector and can further include a standard fiber optic connector (e.g., an SC connector), a pre−existing ruggedized fiber optic adapter, a first converter for converting the standard fiber optic connector to be compatible with the ruggedized fiber optic adapter, a second converter for converting the ruggedized fiber optic connector to be compatible with the pre−existing ruggedized fiber optic adapter, and a standard fiber optic adapter (e.g., an SC adapter). The ruggedized fiber optic connector is compatible with the ruggedized fiber optic adapter and with the standard fiber optic adapter. To retain the various connectors within the various adapters, various retention members and features (e.g. threaded retention members and latches) can be included in the fiber optic connection system. The first converter includes a converter housing that is sized to fit over a connector body of the standard fiber optic connector and retention shoulders of the connector body engage the converter housing.

13) Family number: 34456367 (US2007104395A) © PatBase

Title: FLEXIBLE PACKAGE WITH INTERNAL, RESEALABLE CLOSURE FEATURE

Priority:

CA20112732720 20110225 CA20112732837 20110225 EP20060122144 20061011
CA20112732843 20110225 JP20120555131T 20110224 EP20110156091 20110225
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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 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 YU ZA ZM ZW

International class (IPC 8–9): A47D13/00 B31B1/62 B31B1/90 B32B27/08 B32B27/10 B32B27/16 B32B27/18 B32B27/20 B32B27/30 B32B27/32 B32B3/08 B32B37/12 B32B7/06 B32B7/12 B65B5/00 B65B7/16 B65D B65D25/34 B65D27/14 B65D27/16 B65D27/18 B65D30/00 B65D30/02 B65D30/10 B65D33/00 B65D33/08 B65D33/14 B65D33/16 B65D33/18 B65D33/20 B65D33/25 B65D5/00 B65D5/02 B65D5/18 B65D5/28 B65D5/42 B65D5/48 B65D5/4805 B65D5/64 B65D53/08 B65D65/14 B65D65/26 B65D75/00 B65D75/04 B65D75/20 B65D75/52 B65D75/58 B65D77/02 B65D85/60 C07J C08F2/44 C08J7/18 C08K3/00 C08L23/06 C08L23/08 C08L29/04 C08L33/00 C08L51/06 C09D201/00 C09D7/12 C09J C09J109/00 C09J109/06 C09J11/00 C09J11/06 C09J113/00 C09J121/00 C09J123/06 C09J125/04 C09J125/08 C09J131/04 C09J133/00 C09J133/04 C09J133/08 C09J147/00 C09J163/10 C09J175/04 C09J4/00 C09J4/02 C09J4/06 C09J5/02 C09J7/02 F16P1/02 (Advanced/Invention); C09J175/16 (Advanced/Non–invention); B65D30/00 B65D33/00 B65D33/16 B65D33/18 B65D75/52 B65D85/00 C09J11/00 C09J4/06 F16J15/00 (Core/Invention); B65D (Subclass/Invention)

International class (IPC 1–7): B65D33/00 B65D33/16 B65D33/20 C08L23/08 C09J11/00 C09J133/08 C09J4/06

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Forward Citations: WO17152106, WO17129359, WO17074439, WO16199523, WO16171647, WO15128702, WO15073566, WO15069856, WO15006320, WO14149825, WO14144136, WO14055736, WO13144363, WO13134613, WO13126086, WO10041026, WO10041026, WO09042682, USD795083, USD766108, USD755640, USD723383, USD644881, US9790404, US9759370, US9737400, US9708104, US9688442, US9683137, US9683136, US9663686, US9663282, US9656783, US9650178, US9643755, US9630761, US9623613, US9610158, US9603419, US9586724, US9574113, US9554898, US9554674, US9540144, US9533472, US9532584, US9499309, US9498317, US9487333, US9481484, US9458358, US9440416, US9434513, US9428307, US9399545, US9395038, US9382461, US9309027, US9302837, US9242776, US9221591, US9221590, US9205967, US9187228, US9186248, US9182075, US9177492, US9125739, US9119738, US9096780, US9096351, US8979370, US8944250, US8920030, US8900294, US8893457, US8875356, US8763890, US8727621, US8650843, US8646975, US8631943, US8622618, US8596867, US8470397, US8398306, US8389596, US8367023, US8110286, US7871697, US7871696, US7681732, US2016311597, US2016090217, US2016023810, US2015259103, US2015232223, US2015191633, US2015064294, US2015063728, US2014251849, US2014241847, US2013276966, US2013209000, US2013178554, US2013157246, US2013121623, US2013091667, US2013089280, US2013071047, US2013036715, US2013026170, US2012308763, US2012243809, US2012207410, US2012196730, US2012158128, US2012079793, US2012028380, US2011293208, US2011211778, US2011193068, US2011181494, US2011155623, US2011143133, US2011038571, US2011038570, US2011036741, US2010226598, US2010196999, US2010196547, US2010183247, US2010166924, US2010002963, US2009304875, US2009279813, US2009269450, US2009266036, US2009205291, US2009108019, US2009081451, US2008240628, US2008159666, US2008131636, US2008118688, US2008096748, US2007242905, TWI583601, RU2607755, RU2581004, RU2575700, JP2015036302, JP2014040280, JP2011526867, JP2009227986, GB2544339, GB2470308, GB2470308, GB2464265, EP3023242, EP2910488, EP2902334, EP2902333, EP2551211, EP2243707, EP2112085, CN106245451, CN105026275,

CN104284773, CN104220338, CN104220338, CN104042411, CN103287688, CN102897394, AU2013241688, AU2013204251, AU2013204222, AU2011200822, AU2009300841,

Abstract:
Source: US2007104395A A reclosable flexible package having a reclosable closure comprising easy−to−use adhesive securement means in combination with non−reclosable closures provided above and below the reclosable closure. The package provides a re−openable seal for reclosing the bag upon a partial discharge of the contents thereof, such as food contents. The flexible package offers manufacturing ease and cost−savings, and tamper−resistance. The flexible package also may be incorporated into a bag−in−box package configuration. Methods of making and filling the package also are provided.

0) US2007007319A – FASTENER DRIVING DEVICE

14) Family number: 33805954 (US2007007319A) © PatBase

Title: FASTENER DRIVING DEVICE

Priority: US20050680021P 20050512 US20060432669 20060512 US20070806471 20070531 US20070806483 20070531 US20070806484 20070531 US20060809345P 20060531 WO2006US18200 20060512 WO2007US12785 20070531 US20090391016 20090223

Family:

Publication number	Publication date	Application number	Application date
AU2006247703 AA	20061123	AU20060247703	20060512
AU2006247703 BB	20110526	AU20060247703	20060512
CA2611966 AA	20071212	CA20062611966	20060512
CA2611966 C	20120124	CA20062611966	20060512
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US2009236387 AA	20090924	US20090391016	20090223
US7494037 BB	20090224	US20060432669	20060512
US7938305 BB	20110510	US20070806471	20070531
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Probable Assignee: STANLEY FASTENING SYSTEMS LP

Assignee(s):(std)**:** HEWITT CHARLES ; HEWITT CHARLES W ; KIMBALL TIM ; LAM LOK C ; LEONCZYK ANDREW P ; MILLER KEVEN ; MILLER KEVEN E ; SIMONELLI DAVID ; STANLEY FASTENING SYS LP

Assignee(s): STANLEY FASTENING SYSTEM LP ; STANLEY FASTENING SYSTEMS LP ; STANLEY FASTENING SYSTEMS L P

Inventor(s):(std)**:** CHARLES HEWITT ; DAVID SIMONELLI ; HEWITT CHARLES ; SIMONELLI DAVID ; MILLER KEVEN E ; MILLER KEVEN ; LEONCZYK ANDREW P ; LAM LOK C ; KIMBALL TIM ; HEWITT CHARLES W

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; RIDOUT AND MAYBEE LLP; GESTHUYSEN VON ROHR AND EGGERT; FREEMAN AVI; BEBBINGTON NICHOLAS PAUL; NIXON PEABODY LLP; PILLSBURY WINTHROP SHAW PITTMAN LLP; PILSBURY WINTHROP SHAW PITTMAN LLP

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 YU ZA ZM ZW

International class (IPC 8–9): A61B3/14 B25C1/00 B25C1/06 B25C3/00 B25C5/02 B25C5/06 B25C5/10 B25C7/00 B25F5/00 B25F5/02 (Advanced/Invention); A61B3/14 B25C1/00 B25C3/00 B25C5/00 (Core/Invention)

CPC: B25C5/1668 B25F5/001 B25F5/006 B25F5/02 B25C1/06 B25C1/008

European class: B25C1/00D B25C1/06 B25C5/16E1 B25F5/00B B25F5/00E B25F5/02

US class: 173/162.1 173/162.100S 173/202 173/217 227/120 227/126 227/129 227/131 227/131P 227/132 227/132P 227/132S 227/135 227/136 227/139 227/156 227/156S 227/8 227/8P 267/148 267/166 310/50 310/50S

Classification Explorer

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Forward Citations: WO16031716, WO15169342, WO11157769, WO11157769, WO11153506, US9776312, US9731408, US9701001, US9643306, US9636812, US9579783, US9566700, US9527197, US9498872, US9463561, US9399281, US9346158, US9221112, US9216502, US9205546, US9157468, US9144875, US9061409, US9024549, US8978953, US8939342, US8857692, US8844787, US8840171, US8840002, US8807413, US8763874, US8720602, US8701956, US8622271, US8616618, US8534527, US8505798, US8387718, US8292143, US8286722, US8267297, US8267296, US8267295, US8261847, US8242744, US8230941, US8136606, US8132702, US8096456, US8047415, US8011547, US8011441, US7992756, US7975777, US7938305, US7934566, US7934565, US7913889, US7905377, US7870988, US7854360, US7832610, US7815088, US7646157, US2016214248, US2015352702, US2015314433, US2015170848, US2014263535, US2014196920, US2013082084, US2013082081, US2012292064, US2012200098, US2012160888, US2012153001, US2012074877, US2011303733, US2011303731, US2011303730, US2011303729, US2011303728, US2011303724, US2011303721, US2011303720, US2011303717, US2011303428, US2011198381, US2011114345, US2011090331, US2011084109, US2011036886, US2011036885, US2011017798, US2011000949, US2011000695, US2010206933, US2010181965, US2010147919, US2010116864, US2010089963, US2010038394, US2009321492, US2009294508, US2009294505, US2009294504, US2009250500, US2009236387, US2009188766, US2009179062, US2009152321, US2009090762, US2009090759, US2008296339, US2008251558, US2008237294, US2008223894, US2008041914, TWI580536, TWI562866, TWI516349, JP6075909, JP2012240193, JP2008279518, EP2944427, EP2679347, EP2679347, EP2465641, EP2402119, EP2402119, EP2397268, EP2397267, EP2397260, EP2397260, EP2260979, EP2221149, EP2199027, EP2199026, EP2196291, EP1935572, EP1927436, DE102012223011, DE102010063964, DE102010063176, DE102010030055, DE102009001371, DE102008054816, CN103216555, CN103109099,

CN102947054, CN102528749, CN102284984, CN102284983, CN102284943, CN102284942, CN102284934, CN102284934, CN102284932, CN102284929, CN102284928, CN101716760, AU2007240251, AU2007240251,

Abstract:
Source: US2007007319A A fastener driving device is disclosed. The device includes a housing assembly, and a nose assembly connected to the housing assembly. The device also includes a magazine for carrying a supply of fasteners that are provided to the nose assembly, a fastener driver, and a spring that moves the fastener driver through a drive stroke. The spring includes a composite material. The device also includes a motor for moving the fastener driver through a return stroke.

15) Family number: 42114952 (US2001002429A) © PatBase

Title: METHOD AND APPARATUS FOR CREATING A WORKING OPENING THROUGH AN INCISION

Priority:

AU19970014805	19970219	AU20010038762	20010419	JP19970078780	19970220
CA19972197614	19970214	US19960375896P	19960220	US19960603758	19960220
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX 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

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Abstract:
Source: US2001002429A In accordance with the present invention, there is disclosed surgical methods and apparatus for accessing and stabilizing the heart. The methods and apparatus facilitate access to an anastomosis site, allows various instruments or devices to be maneuvered and secured in place, and provide stabilization of the heart. In particular, the apparatus involves a retractor assembly having a pair of opposing blades having a channel adapted to engage an incision in a patient. The retractor blades may have features to cooperatively engage an instrument mount. The instrument mount may hold an instrument, such as a tissue stabilizer, and allows the instrument to be easily maneuvered. The retractor blades may have a number of suture locks for securing sutures used during surgery. The retractor system is particularly useful in accessing, positioning and stabilizing the beating heart for coronary artery bypass graft surgery.

16) Family number: 50963741 (US2014005683A) © PatBase

Title: HIGHLY ARTICULATED ROBOTIC PROBES AND METHODS OF PRODUCTION AND USE OF SUCH PROBES

Priority:

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Family:

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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 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

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A61B B25J (Subclass/Invention)

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US class: 1/1 600/139 600/141 600/142 600/146 600/149 600/204 600/240 604/525 606/1 606/130 606/205 74/490.04 901/21

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Forward Citations: WO17145342, WO17145340, WO17136710, WO17077888, WO17025982, WO17009604, WO17002143, WO16172162, WO16084997, WO15188071, WO15081008, WO15042453, WO14201538, WO14179683, WO14136583, US9808143, US9796081, US9775676, US9713873, US9629683, US9591964, US9550293, US9517557, US9517059, US9266029, US9144370, US2017156569, US2017144298, US2017086931, US2017015007, US2017014024, US2016213227, US2016213224, US2015367508, US2015352715, US2015196364, US2015174500, US2015141844, US2015141756, JP6093911, JP2016527927, JP2015523221, GB2546625, GB2540930, EP3089696, EP2996619, EP2996613, EP2984535, EP2943140, EP2929303, EP2777480, CN105105703, CN103817704, CN103817704,

Abstract:
Source: US2014005683A A highly articulated robotic probe comprises an outer sleeve and an inner core. The outer sleeve and inner core include a plurality of links. The links of the outer sleeve and inner core are configured to pivot relative to one another. Various characteristics of the links determine the overall pivot angle of the articulated probe. Each of the plurality of links may have one or more channels. The channels form a semi−continuous passage from link to link and are configured to receive an elongated member such as an inner core, tool or cable. One or more cables may be used to control the outer links of the outer sleeve and the inner links of the inner core. Various characteristics of the cables determine the overall performance of the articulated probe.

0) US2012324911A – DUAL–LOOP COOLING SYSTEM

17) Family number: 52599519 (US2012324911A) © PatBase

Title: DUAL–LOOP COOLING SYSTEM

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: WISCONSIN ALUMNI RESEARCH FOUNDATION

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Assignee(s): WISCONSIN ALUMNI RESEARCH FOUNDATION ; EBULLIENT INC

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Agent(s): BOYARSKI NICHOLAS JAMES MR; HAVERKAMP JENS; BOYARSKI NICHOLAS J

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

International class (IPC 8–9): F25B41/04 F25D17/02 F25D25/00 F25D31/00 F28C3/08 F28D1/02 F28D1/04 F28D1/053 F28D15/00 F28D15/02 F28D9/00 F28F1/36 F28F1/38 F28F13/00 F28F13/18 F28F25/10 F28F27/00 F28F7/02 F28F9/02 F28F99/00 G05D23/00 G06F1/20 H01L23/367 H01L23/46 H01L23/467 H01L23/473 H05K1/02 H05K7/14 H05K7/20 (Advanced/Invention)

CPC: H05K7/20254 H01L23/4735 H01L23/427 F28C3/08 G06F2200/201 F28D1/0233 F28F13/185 H01L23/3672 H05K1/0204 H05K7/1485 H05K7/1427 H05K7/20309 F28D15/02 F28F2250/08 F28D15/06 H01L23/473 H01L23/4006 H01L23/4012 H05K7/20363 H05K7/20836 F28F9/0258 F28D9/0093 F28D2021/0028 F28F3/048 F28F13/12 F28F2009/029 H05K7/20272 H05K7/2039 H05K7/20381 H05K7/208 H05K7/20818 H05K7/20772 F28D2021/0029 F28F13/06 H05K7/20809 H05K7/20827 H01L23/46 H01L2924/0002 H05K7/20327 F25B25/00 F25B41/00 F25B41/04 F25B2400/0401 F25B2400/0403 F25B2400/0409 F28D15/0266 F25B23/006 F25B41/003 F28D15/00 F28F3/12 F28F9/26 F28F13/02 F28F1/36 F28F7/00 F28F7/02 F28F9/0221 F28F9/0263 F28F21/06 F28F2265/26 G06F1/20 G06F1/206 Y02B60/1275

US class: 165/100 165/104.19 165/104.21 165/104.22 165/104.25 165/104.27 165/104.28 165/104.29 165/104.31 165/104.32 165/133 165/166 165/175 165/182 165/244 165/84 165/96 257/712 361/679.47 361/699 62/259.2 62/304 62/62

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Forward Citations: WO16069380, WO16069299, WO16069295, USD800675, USD800674, USD795821, USD786806, USD774473, USD774472, USD773409, USD773408, USD772823, USD772822, USD772179, USD772178, US9795062, US9743562, US9743561, US9715183, US9625182, US9622376, US9546821, US9451726, US9420728, US9357670, US9303909, US2017303443, US2017223871, US2017220084, US2017174037, US2017086325, US2017080821, US2017064873, US2017009604, US2016377358, US2016358842, US2016330873, US2016330865, US2016295748, US2016295747, US2016270267, US2016231059, US2016159454, US2016120059, US2016091262, US2015382507, US2015330685, US2015330684, US2015296659, US2015237763, US2015233619, US2015020775, US2014362530, US2014347641, US2014047855, US2012012282, JP6194966, JP2016145828, CN105115352,

Abstract:
Source: US2012324911A Disclosed are methods and apparatuses for cooling a work piece surface using a dual−loop cooling system. The system includes a vapor−compression loop and a liquid−evaporation loop. The loops are configured to prepare a coolant at or approximately at saturation for delivery into a chamber for cooling the surface. A preferred liquid−evaporation loop includes a chamber, a phase separator, a liquid pressurizer, and a vapor mixer that heats the coolant to or near its saturation temperature. A preferred vapor−compression loop includes the phase separator, a compressor, a condenser, an expansion valve, and a return line. The vapor mixer preferably heats the coolant by mixing liquid coolant with vapor coolant derived from the vapor−compression loop. A two−phase flow detector may be disposed downstream of the vapor mixer and be in communication with a vapor valve disposed upstream of the vapor mixer to ensure that an appropriate amount of vapor is fed into the vapor mixer to induce evaporation. Methods include cooling a surface by cycling a coolant through the liquid−evaporation loop and preparing the coolant at saturation with vapor derived from the vapor−compression loop.

18) Family number: 31982750 (US2005028454A) © PatBase

Title: PARTITION SYSTEM

Priority:

CA20042532106	20040715	CA20042665843	20040715	US20030180861	20030430
US20030180870	20030430	US20030180861F	20030430	US20030180870F	20030430
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WO2004US22880	20040715	US20100886456	20100920	WO2005US10262	20050329
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WO2005US10433	20050329	US20050091848	20050328	WO2005US10749	20050329
WO2005US10539	20050329	US20070742469	20070430	US20120424299	20120319

Family:

Publication number	Publication date	Application number	Application date
CA108260 S	20060809	CA20040108260F	20040907
CA108261 S	20060809	CA20040108261F	20040907
CA108262 S	20060809	CA20040108262F	20040907
CA2525098 AA	20051020	CA20052525098	20050329
CA2525098 C	20110531	CA20052525098	20050329
CA2525709 AA	20051013	CA20052525709	20050329
CA2525709 C	20130205	CA20052525709	20050329
CA2525711 AA	20051013	CA20052525711	20050329
CA2525711 C	20091103	CA20052525711	20050329
CA2525833 AA	20051013	CA20052525833	20050329
CA2525833 C	20110510	CA20052525833	20050329
CA2526922 AA	20051020	CA20052526922	20050329
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Probable Assignee: LIFETIME PRODUCTS INC

Assignee(s):(std)**:** ASHBY KENT ; ASTLE ROBERT A ; CALKEN JAY ; CALKIN JAY ; STEED BRENT ; LIFETIME PROD INC ; MOWER BARRY D ; HOWE RICH ; STRONG L C ; NYE TROY W ; LIFETIME PRODUCTS INC ; WATSON NEIL ; WINTER DAVID C ; STRONG L CURTIS

Inventor(s):(std)**:** ASTLE ROBERT A ; HOWE RICH ; MOWER BARRY D ; MOWER BARRY D STEED BRENT CALK ; NYE TROY W ; ROB MOWER BARRY D STEED BRENT ; STRONG CURTIS L ; STRONG L C ; STRONG L CURTIS ; WATSON NEIL ; MOWER DAVID ; WINTER DAVID C ; STEED BRENT ; RICH HOWE ; NYE TROY WILLIAM ; NEIL WATSON ; KENT STEED BRENT CALKIN JAY AS ; KENT ASHBY ; JAY CALKIN ; CALKIN JAY ; CALKEN JAY ; BRENT STEED ; ASTLE ROBERT ; ASHBY KENT

Inventor(s): DAVID MOWER ; TROY WILLIAM NYE ; STEED BRENT CALKIN JAY ASHBY KENT ; NYE TROY ; WINTER DAVID ; STRONG L ; MOWER BARRY D STEED BRENT CALKIN JAY WATSON NEIL A ; MOWER BARRY

Agent(s): CASSAN MACLEAN; WORKMAN NYDEGGER F K A WORKMAN NYDEGGER AND SEELEY; WORKMAN NYDEGGER, (F/K/A WORKMAN NYDEGGER AND SEELEY); WORKMAN NYDEGGER,1000 EAGLE GATE TOWER; WORKMAN NYDEGGER; GILMORE RICHARD C

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 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

International class (IPC 8–9): A47B13/08 B65D6/00 B65D85/00 B66B9/00 E04B1/12 E04B1/343 E04B1/344 E04B1/346 E04B2/74 E04B2/76 E04B5/00 E04B5/04 E04B7/02 E04B7/04 E04B7/16 E04B7/20 E04C2/00 E04C2/20 E04C2/22 E04C2/26 E04C2/30 E04C2/32 E04C2/40 E04C2/54 E04D13/17 E04D3/32 E04D3/35 E04D3/40 E04F11/16 E04F13/00 E04F15/00 E04F15/02 E04F15/10 E04F19/00 E04H1/00 E04H1/12 E04H14/00 E04H17/16 E04H3/00 E04H5/00 E04H6/00 E04H7/00 E04H9/00 E06B3/20 E06B3/36 E06B3/70 E06B5/00 E06B5/02 F16S1/00 F16S1/02 H01B17/32 H01B17/60 (Advanced/Invention); E04B1/61 (Advanced/Non–invention); E04B1/343 E04C2/26 E04H1/12 E06B3/32 (Core/Invention); E04B (Subclass/Invention)

International class (IPC 1–7): A47B13/08 E04B0/00 E04B1/346 E04B7/16 E04C2/00 E04C2/20 E04C2/54 E04F13/00 E04F15/00 E04F15/02 E04F19/00 E04H1/00 E04H14/00 E04H17/16 E04H3/00 E04H5/00

E04H6/00 E06B3/20 F16S1/02 H01B17/32 H01B17/60

CPC: E04B1/12 E04B1/34321 E04B7/022 E04B7/20 E04B2001/34389 E04D3/357 E04D3/40 E04H1/1205 E06B5/02 E04D3/32 E04D13/174 E04F2201/05 E04F2201/0594 E04B1/61 Y10T428/1352 E04B2/7422 E04C2/20

European class: E04B1/12 E04B1/343C1 E04B2/74C3D E04B7/02A E04B7/20 E04C2/20 E04D13/17C E04D3/32 E04D3/35B E04D3/40 E04H1/12B E06B5/02 P04B1/343P P04B1/61 P04F201/05 P04F201/05E

US class: 428/35.7 428/35.700P 52/198 52/262 52/270 52/271 52/272 52/302.3 52/309.1 52/309.100S 52/311.1 52/311.100S 52/32 52/36.1 52/36.100P 52/580 52/580P 52/591.4 52/598 52/630 52/64 52/64P 52/782.1 52/782.100S 52/782.22 52/782.220P 52/783.1 52/789.1 52/79.1 52/79.100P 52/79.100S 52/79.12 52/79.120P 52/79.5 52/79.500P 52/79.6 52/79.9 52/79.900P 52/79.900S 52/795.1 52/795.100S 52/93.2 D25/59 D6/332

Locarno class: 25/02 25/03 08/08 06/06

Classification Explorer

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Forward Citations: WO16133902, WO14003807, WO09118666, WO09101408, WO08051723, USD800459, USD778142, USD777016, USD759219, USD759218, USD759217, USD758728, USD756145, USD753275, USD753274, USD743009, USD740401, USD738473, USD734494, USD732149, USD730540, USD721823, USD699372, USD691736, USD691735, USD688386, USD683050, USD666738, USD659260, USD644750, USD644340, USD642390, USD639452, USD639451, USD638144, USD633220, USD632811, USD632405, USD631988, USD631987, USD631986, USD629168, USD617004, USD612950, USD612515, USD606667, USD606666, USD599911, USD567390, USD564764, USD560818, USD559565, USD559564, USD558893, USD558892, USD558891, USD558890, USD548362, USD547880, USD546970, USD542932, USD511258, US9802346, US9763517, US9730514, US9702147, US9661916, US9549612, US9486076, US9457499, US9428926, US9328503, US9234355, US9200447, US9192229, US9173482, US9151068, US9138050, US9127458, US9091069, US9032670, US9016003, US9010401, US9009942, US8997663, US8978319, US8973335, US8943982, US8939674, US8898962, US8894478, US8881916, US8857349, US8827763, US8800217, US8800216, US8776453, US8776449, US8757069, US8756882, US8726579, US8683929, US8650807, US8646220, US8622007, US8578863, US8561358, US8555789, US8511001, US8448689, US8408146, US8397652, US8161711, US8132372, US8091289, US8065840, US8051617, US8020347, US7926227, US7894920, US7877936, US7835810, US7797885, US7779595, US7779579, US7770339, US7770337, US7770334, US7707783, US7698857, US7676992, US7658038, US7654060, US7543411, US7509776, US7395634, US2016346703, US2015132082, US2014370239, US2014283464, US2014283463, US2014190105, US2014124053, US2014097034, US2013341874, US2013318911, US2013248082, US2013167351, US2013091796, US2012291371, US2012227349, US2012102871, US2012102847, US2012017519, US2012005968, US2012000142, US2011289860, US2011209735, US2011197527, US2011036032, US2011011010, US2010307090, US2010269420, US2010252701, US2010205871, US2010162929, US2010132297, US2009282758, US2009255184, US2009127256, US2009100781, US2009019635, US2008216426, US2008098685, US2008078310, US2008005980, US2007271870, US2007271862, US2007267155, US2007265724, US2007264108, US2007264107, US2007262040, US2007261318, US2007260345, US2007256392, US2007209264, US2007199253, US2007175108, US2007157530, US2006277852, US2006265978, US2006191209, US2006105202, US2006081827, US2005284342, US2005279034, US2005277493, US2005274306, US2005223655, US2005223652, US2005210828, US2005210766, US2005210765, US2005210761, US2005210760, US2005120641, US2004187400, EP2816170, CN105464246, CN105332526, CN102590964, CN102472049, CN102472049, CA108262, CA108261, CA108260, AU2009213882,

Abstract:
Source: US2005028454A A partition system may include one or more panels. A panel may be constructed using blow−molded plastic. A panel may include one or more depressions, which may be aligned with one or more depressions on an opposing side of the panel. The depressions may provide additional structural integrity for a panel. The depressions on opposing sides of the panel may extend toward and engage each other. The panels may include patterns with which one or more depressions may intersect. The panels may include symmetric patterns on opposing sides. The partition system may include one or more connectors adapted to receive a portion of one or more panels. The partition system may include one or more feet that may be attached to one or more panels. The panels may include one or more reinforcing members of various shapes disposed proximate one or more edges of a panel.

19) Family number: 33253376 (US2006185090A) © PatBase

Title: MODULAR MULTI–ARTICULATED PATIENT SUPPORT SYSTEM

Priority:

AU20070248426	20070507	AU20110200082	20110110	AU20120203355	20120607
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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 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 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 YU ZA ZM ZW

International class (IPC 8–9): A47B13/00 A47B73/00 A61B19/00 A61B5/00 A61B6/00 A61B6/04 A61G13/00 A61G13/02 A61G13/04 A61G13/06 A61G13/08 A61G13/10 A61G13/12 A61G7/00 A61G7/005 A61G7/008 A61G7/012 A61G7/015 A61G7/018 A63F9/00 A63H33/08 E04C1/00 F28D15/02 F28F13/18 G06F19/00 G06F3/0484 G09F19/00 H01L23/427 H01L23/46 H05K7/20 (Advanced/Invention);
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Abstract:
Source: US2006185090A A modular, multi−articulated patient support system includes independently adjustable columns connected by an adjustable base and supporting a patient support structure. Each column includes rotation, angulation and separation adjustment structure. The patient support may be raised, lowered and rotated about a longitudinal axis in either horizontal or tilted orientation. The patient support includes a body support rotatably coupled with right and left leg supports disengageable at the outboard ends, that can be tilted, rotated and locked in place. An intermediate brace engages the base when the outboard ends of the leg supports are disengaged. The patient support structure may include two pairs of patient supports, each attached at the outboard end of a column and having a free inboard end. A coordinated drive system raises, lowers, tilts and rotates the patient supports, which may be positioned in overlapping relation. The pairs of patient supports may be rotated in unison to achieve 180 degrees repositioning of a patient.

0) US2010161041A – ADJUSTABLE REPAIR CHORDS AND SPOOL MECHANISM TH...

20) Family number: 45554913 (US2010161041A) © PatBase

Title: ADJUSTABLE REPAIR CHORDS AND SPOOL MECHANISM THEREFOR

Priority:

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Assignee(s): VALTECH CARDIOLTD

Inventor(s):(std)**:** AMIR GROSS ; AYVAZIAN ARAM ; CABIRI OZ ; GROSS AMIR ; GROSS YOSSI ; HAMMER TAL ; HERMAN YARON ; IFLAH EHUD ; KOIFMAN ALEXEI ; KUTZIK MEIR ; MAISANO FRANCESCO ; MEIR KUTZIK ; MILLER ERAN ; OZ CABIRI ; POMERANTZ URIEL ABA ; REICH TAL ; SHEPS TAL ; STAROBINSKY SLAVA ; TAL SHEPS ; WEITZMAN YOSEPH ; YOSSI GROSS ; YUVAL IPORY ; ZIPORY YUVAL

Inventor(s): IPORY YUVAL

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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 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

International class (IPC 8–9): A61B1/01 A61B17/00 A61B17/04 A61B17/064 A61B17/068 A61B17/072 A61B17/08 A61B17/10 A61B17/12 A61F A61F2/24 A61M25/00 A61M25/01 A61M25/04 A61M25/06 A61M5/32 C25B1/04 (Advanced/Invention);
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A61F (Subclass/Invention)

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Abstract:
Source: US2010161041A A method is provided, including implanting, at an intraventricular site of a ventricle of a patient, a spool coupled to a first end portion of a longitudinal member, and coupling a second end portion of the longitudinal member to a portion of tissue facing a lumen of the ventricle. Other embodiments are also described.

0) US2015130256A – ROLLING FRICTION OR SUSPENSION FRICTION IMPACT ...

21) Family number: 51194401 (US2015130256A)

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Title: ROLLING FRICTION OR SUSPENSION FRICTION IMPACT MINING METHOD AND WEAR–RESISTANT IMPACT MINING MACHINE USING SAID METHOD

Priority:

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Abstract:
Source: US2015130256A A rolling friction or suspension friction impact mining method and a wear−resistant impact mining machine using said method. The mining machine comprises a reciprocating impact part (3). The reciprocating impact part comprises an impact drive device (4), a rolling reciprocating device, and an impact head (6). The rolling reciprocating device comprises a rubbing body (38), a rubbing body support (39), an impact guiding element (5.1), and a position−limiting mechanism. The rubbing body (5.3) are disposed between the robbing body support (39) and the impact guiding element (5.1), and inside of the position−limiting mechanism to form rolling guiding. The impact drive device is disposed with a damage−prevention mechanism, a rotary power buffer device, and a structural buffer device, such that the impact head reciprocatingly move and have rolling or suspending friction under the support of the impact guiding element, thereby preventing the damage−prevention force to damage a power drive device and a rolling channel guiding device, and preventing the impact vibration caused by the reciprocating impact part to affect the machine body and other parts. The overall stability is therefore enhanced, and the service life is extended.

0) US2002138025A – MEDICAL SLINGS

22) Family number: 42244548 (US2002138025A) © PatBase

Title: MEDICAL SLINGS

Priority:

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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 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

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Abstract:
Source: US2002138025A A medical sling made from material that is suitably shaped for use in a medical application has sides, portions of which are smoothed to prevent abrasion of surrounding tissue.

0) US2015040622A – MULTIPLE LOCK SYSTEM FOR A LUGGAGE CASE

23) Family number: 53203263 (US2015040622A) © PatBase

Title: MULTIPLE LOCK SYSTEM FOR A LUGGAGE CASE

Priority: EP20120758860 20120913 US20110533937P 20110913 US20120623462P 20120412 US20120344683 20120913 US20160275821 20160926 US20140344683 20140828 WO2012EP67991 20120913

Family:

Publication number	Publication date	Application number	Application date
AU2012307371 AA	20130321	AU20120307371	20120913
AU2012307371 BB	20170831	AU20120307371	20120913
CA2848456 AA	20140312	CA20122848456	20120913
CN103930637 A	20140716	CN201280055714	20120913
CN103930637 B	20170623	CN201280055714	20120913
DE202012013361 U1	20160908	DE201220013361U	20120913
EP2744957 A1	20140625	EP20120758860	20120913
EP2744957 B1	20170621	EP20120758860	20120913
IN01928DN2014 A	20150313	IN2014DN01928	20140313
JP2014530311 T2	20141117	JP20140530228T	20120913
KR20140067110 A	20140603	KR20147009465	20120913
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US2017081884 AA	20170323	US20160275821	20160926
US9453358 BB	20160927	US20120344683	20120913
US9512647 BB	20161206	US20120344683	20120913
WO13037912 A1	20130321	WO2012EP67991	20120913

Probable Assignee: SAMSONITE IP HOLDINGS SARL

Assignee(s):(std)**:** MEERSSCHAERT REINHARD ; RECCHIA DIEGO ; SAMSONITE IP HOLDINGS S A R L ; SAMSONITE IP HOLDINGS SARL

Assignee(s): SAMSONITE SPA ; HSBC BANK USA NATIONAL ASSOCIATION COLLATERAL AGENT AS ; SAMSONITE EUROPE NV ; SAMSONITE IP HOLDINGS RL SA

Inventor(s):(std)**:** MEERSSCHAERT REINHARD ; RECCHIA DIEGO

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; LLOYD ROBIN; DORSEY AND WHITNEY LLP; LLOYD ROBIN JONATHAN 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

International class (IPC 8–9): A44B19/30 A45C13/10 A45C13/18 E05B35/10 E05B37/00 E05B37/12 E05B65/52 (Advanced/Invention) ; E05B37/00 (Advanced/Non–invention)

CPC: A45C13/1023 A45C13/103 A45C13/18 E05B35/105 E05B37/0051 Y10T70/5058 E05B37/0048 E05B37/0034 E05B65/52 A45C13/10 E05B37/12

US class: 70/69

Classification Explorer

Cited documents: WO9955189 A2, WO08034006 A2, US9101186 BB, US8661861 BB, US7913526 BB, US7631524 BB, US7503440 BB, US7467695 BB, US6941777 BB, US6807832 BA, US6568225 BA, US6202455 BA, US5689979 A, US5557954 A, US5156028 A, US4756171 A, US4020930 A, US2016150860 AA, US2015014109 AA, US2004237605 AA, US2002129628 AA, TWM250015 Y, JP3168972 U, JP3114912 U, JP3098384 U, JP3017432 U, JP2005288065 A2, GB2319801 A1, FR1032266 A, EP1510146 A1,

DE29820726 U1, DE29820726 U, CN2154609 Y, CN1175388 A, AU2010201766 AA, AU2010201766 A1,

Forward Citations: WO17151690, WO17137995, WO15008228, WO14172695, US9809998, US9714526, US9505392, US2016290008, US2016222697, US2016032620, US2015300049, US2015107317, US2015014109, ITMI20131199, FR3047643, EP2932867, EP2926679,

Abstract:
Source: US2015040622A An apparatus for selectively securing at least a first zipper closure mechanism (25) and a second zipper closure mechanism (135) of a luggage case (100), may include a lock device (145) coupled to the luggage case (100). The lock device (14) includes a lock mechanism (158) operable between a locked and unlocked configuration, at least two securing recesses (151, 152, 153, 154) for releasable receipt of at least a portion of each of the respective first and second zipper closure mechanisms (125, 135), and at least one release member (160) for actuating the lock mechanism (158).

24) Family number: 34468180 (US2007112285A) © PatBase

Title: SENSOR DEVICE FOR GAIT ENHANCEMENT

Priority:

AU20060314072	20061116	AU20110254054	20111215	CA20062632196	20061116
CA20062794533	20061116	AU20130260668	20131120	AU20170202373	20170411
EP20070736271	20070501	JP20090517597	20070501	CA20122632196	20121120
JP20130149122	20070501	EP20120197261	20070501	CA20162794533	20160518
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Probable Assignee: BIONESS NEUROMODULATION LTD

Assignee(s):(std)**:** BAR OR JONATHAN ; BIONESS NEUROMODULATION LTD ; DAR AMIT ; LASKO EYAL ; N E S S NEUROMUSCULAR ELECTRIC ; SHALEV YOSSEF ; NATHAN ROGER ; RUBIN MARK ; SPRINGER SHMUEL ; N E S S NEUROMUSCULAR ELECTRICAL STIMULATION SYSTEMS LTD ; NESS NEUROMUSCULAR ELECTRICAL STIMULATION SYSTEMS LTD ; NATHAN ROGER H

Assignee(s): NESS ; NESS NEUROMUSCULAR STIMULATION SYSTEMS LTD ; VIDACARE CORP ; N E S S NEUROMUSCULAR ELECTRICAL STIMULATION SYSTE ; NESS NEUROMUSCULAR ELECTRICAL STIMULATION ; NESS NEUROMUSCULAR ELECTRICAL STIMULATION SYSTEMS

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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 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 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

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CPC: A61B5/0002 A61B5/6807 A61B5/6828 A61F5/01 A61N1/0452 A61N1/36014 A61N1/36003 A61B5/1038 A61N1/0484 G01L1/20 H01H3/14 H03K17/9625

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US class: 1/1 600/587 600/592 600/592P 600/595 600/595P 600/595S 602/2 602/26 602/26S 602/2P 607/144 607/149 607/149S 607/48 607/48S 607/49 607/49P

Classification Explorer

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Abstract:
Source: US2007112285A A foot sensor device and method for gait enhancement, the device including: (a) a sensor unit having a casing, the sensor unit for disposing within a shoe of a user, the sensor unit for sensing a parameter associated with a gait event; (b) an electronic communication unit, electrically associated with the sensor unit, for receiving a signal pertaining to the parameter, the electronic unit having,: (i) a microcontroller; (ii) a transmitting unit for transmitting, in a wireless fashion, gait information based on the signal, to a unit of an orthosis external to the foot sensor device, and (iii) a housing for housing at least one of the microcontroller and the transmitting unit, and (c) a fastening unit, attached to the housing, adapted to fasten on to the shoe, so as to secure the communication unit in a fixed position during gait

0) US2008163663A – COMPACT TUBE WITH INTERNAL FEATURES AND METHODS...

25) Family number: 41998397 (US2008163663A) © PatBase

Title: COMPACT TUBE WITH INTERNAL FEATURES AND METHODS FOR FABRICATING THE SAME

Priority:

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Assignee(s): APPLE INC CUPERTINO

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

International class(IPC 8–9)**:** B21C23/18 B21C37/06 B21D22/20 B21D28/00 B21D31/00 B21D35/00 B21D51/00 D01D5/24 F16B35/00 F21V3/04 F21V33/00 F21V5/08 G02B5/02 G02F1/13357 G06F1/18 G06F17/00 G06F3/02 G06F3/038 G08B5/00 G08B5/22 G09G5/00 H01H47/00

H01L31/042 H01R11/30 H01R12/00 H01R13/02 H01R13/22 H01R13/24 H01R13/40 H01R13/62 H01R13/631 H01R13/639 H01R13/64 H01R13/66 H01R13/70 H01R13/703 H01R13/707 H01R24/00 H01R27/00 H01R27/02 H01R29/00 H01R4/00 H01R4/50 H01R43/26 H02J4/00 H02J50/10 H02J7/00 H02J7/04 H03K17/00 H03K3/00 H04B1/16 H04B1/38 H04M1/00 H04M1/02 H04M1/03 H04M1/05 H04M1/22 H04M1/60 H04M1/73 H04R1/02 H04R1/08 H04R1/10 H04R25/00 H04R5/033 H04W52/02 H04W88/02 H05B33/08 H05B37/02 H05K1/00 H05K1/02 H05K1/11 H05K1/14 H05K1/18 (Advanced/Invention);
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F16B F21V H01R H04B H04M H04R H05K (Subclass/Invention)

International class (IPC 1-7): H01R13/703

CPC: H04R1/083 H04R1/1066 H04R1/1075 H04R31/006 H01R43/24 H05B33/0815 H05B33/0818 H05B33/0857 Y02B20/346 C09D175/06 Y02E10/52 H01L31/0547 H01R13/2428 H01R13/64 H01R13/7039 H01R43/26 H04R1/1058 B21C23/18 H04R1/1041 H04R2201/107 H04R2420/09 G06F3/038 H04M1/0262 H04M1/0274 H04M1/0277 H04M1/05 H04M1/6058 H04M1/6066 H04M2250/02 H04R2201/105 H04W52/0274 H05K1/147 H05K1/189 Y02B60/50 G09G5/006 G06F3/0227 Y10T307/696 Y10T307/414 Y10T307/826 H01R13/02 H01R13/62 H02J50/10 H01R13/6205 C08G18/4238 H01L31/048 H04B2001/3866 H04R1/105 H02J7/0052 H04R1/1025 H02J7/0042 H04R1/1016 H04R2420/07 B29C47/0023 B29C47/0038 H02J7/0029 H04R5/033 H04R29/008 H04R2225/33 H04R2225/51 H01R29/00

European class: B21C23/18 C08G18/42C3 C09D175/06 G06F3/038 H01L31/048 H01L31/052B H01R13/24A5 H01R13/703F H01R29/00 H01R43/24 H01R43/26 H04M1/05 H04M1/60T2B2 H04R1/08D H04R1/10B H04R1/10G H04R1/10M H04R31/00F H04W52/02L6 H04W52/02T8E H05B33/08D1C4H H05B33/08D3K T01R13/62A T01R13/64 T04M1/02A14B T04M1/02A14M T04M1/02A14P T04M1/05 T04M1/60T2B T04M1/60T2B2 T04M250/02 T04R1/10B T04R1/10C T04R1/10G T04R1/10M T04R1/10M2 T04R1/10M4 T04R201/105 T04R201/107 T04R420/07 T04R420/09 Y02B20/34B6

US class: 1/1 136/251 264/209.3 264/209.300S 307/10.1 307/125 307/125P 307/32 307/80 307/80P 315/186 315/209R 315/210 315/210P 315/312 320/162 320/162S 327/185 327/185S 327/407 327/407P 340/815.4 340/815.400S 340/815.45 340/815.450S 345/156 379/428.01 381/361 381/361S 381/364 381/364P 381/374 381/375 381/375P 381/380 381/380P 381/380S 381/384 381/74 381/74P 439/180 439/345 439/38 439/39 439/39S 439/500 439/626 439/626P 439/692 439/83 455/342.2 455/343.5 455/343.6 455/550.1 455/568 455/569.1 455/575.2 455/73 455/73S 700/94 700/94P 72/267 72/340 72/343 72/343S 72/347 72/347S 72/348 72/348P 72/368 72/368S

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Forward Citations: WO16203302, WO16162681, WO16036309, WO16019286, WO15108877, WO14110056, WO14078841, WO14062181, WO13126241, WO13075847, WO12044614, WO11146659, WO11085086, WO10099168, WO10099080, WO10099080, WO10045524, WO10045524, WO10034525, WO10034524, USRE45492, USRE45050, USD772840, USD772204, USD722996, USD679575, US9811752, US9803787, US9794673, US9779893, US9769558, US9767949, US9761068, US9755365, US9735583, US9728158, US9712905, US9703321, US9699636, US9677901, US9672177, US9668051, US9667007, US9663846, US9647385, US9629774, US9609417, US9593670, US9590373, US9586318, US9583893, US9583871, US9578410, US9578307, US9576460, US9576409, US9568678, US9564941, US9564225, US9557417, US9548787, US9532128, US9517498, US9506629, US9497529, US9486030, US9485563, US9479275, US9478905, US9477439, US9473876, US9462242, US9461812, US9451350, US9434197, US9419377, US9402173, US9402120, US9379503, US9339146, US9314871, US9307312, US9300081, US9294830, US9293876, US9288565, US9287657, US9280183, US9277309, US9276539, US9275810, US9274788, US9272471, US9271063, US9258663, US9252900, US9247611, US9239386, US9223742, US9215518, US9208748, US9198317, US9185835, US9184474, US9177655, US9173336, US9166345, US9157933, US9155170, US9118990, US9091829, US9086733, US9077178, US9064356, US9049513, US9041563, US9030114, US9025806, US8998632, US8985830, US8982547, US8923525, US8921681, US8915633, US8891216, US8879266, US8867758, US8838868, US8821189, US8812064, US8809733, US8806067, US8799527, US8798675, US8775707, US8737674, US8731225, US8729815, US8724285, US8724281, US8712071, US8690410, US8686600, US8666461, US8650925, US8644078, US8616214, US8611077, US8564961, US8559575, US8548538, US8537528, US8535075, US8521229, US8451146, US8432102,

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Abstract:
Source: US2008163663A Methods for forming a tube that includes a feature extending from an inner surface of the tube are provided. The methods can include using a die and stamper, single impact extrusion, double impact extrusion, and progressive deep draw process.

26) Family number: 40892165 (US2007278376A) © PatBase

Title: DEVICES, SYSTEMS, AND METHODS FOR REINFORCING A TRAFFIC CONTROL ASSEMBLY

Priority:
US20060840989P 20060830 US20060842258P 20060905 US20070839807 20070816
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Probable Assignee: CENTRAL PATH SIGNAL TECHNOLOGIES INC

Assignee(s):(std)**:** SIGNAL SAFE INC ; TOWNSEND JR ROBERT E ; TOWNSEND ROBERT E ; TOWNSEND ROBERT E JR ; CENTRAL PATH SIGNAL TECHNOLOGIES INC ; ROBERT E TOWNSEND JR

Inventor(s):(std)**:** TOWNSEND ROBERT E ; TOWNSEND ROBERT E JR ; TOWNSEND JR ROBERT E ; ROBERT E TOWNSEND JR

Inventor(s): TOWNSEND ROBERT EJR ; TOWNSEND ROBERT

Agent(s): ROBIC; HARRIS OLIVER JOHN RICHARD; BRINKS HOFER GILSON AND LIONE; SALIWANCHIK LLOYD AND EISENSCHENK; BRINKS GILSON AND LIONE; BRINK GILSON AND LIONE; FELICETTY STEPHANIE J; LLOYD JEFF 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

International class (IPC 8–9): B23P11/00 B60Q1/26 E01F9/011 E01F9/65 F16B2/02 F16M13/00 F16M13/02 F21S8/00 F21S8/06 F21V15/01 F21V21/008 G08G1/048 G08G1/07 G08G1/095 H01R13/02 H01R13/60 H01R13/66 H05K7/02 (Advanced/Invention); F21W111/02 (Advanced/Non–invention); F16M13/00 F21S8/00 G08G1/095 (Core/Invention)

CPC: F16M13/02 Y10T29/49947 G08G1/048 F21S8/068 F21V15/01 E01F9/65 F21V21/008 G08G1/095 F21Y2115/10 F21W2111/02 Y10T29/49826

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US class: 1/1 174/41 248/214 248/214P 248/218.4 248/224.8 248/224.800S 248/309.1 248/309.100P 248/317 248/327 248/342 248/343 248/610 248/610P 29/428 29/428S 29/525.01 29/525.010S 312/237 340/906 340/907 361/807 362/227 362/391 439/296 439/529 439/530 439/888

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US8749402, US8659445, US8540392, US7677372, US2016290613, US2016148507, US2015115122, US2013314255, US2013087672, US2011193277, US2009026032, CN105042522,

Abstract:
Source: US2007278376A Devices, systems, and methods for reinforcing a traffic control assembly are provided. In some embodiments, a retrofitted traffic control assembly configured to reinforce a traffic signal assembly in high wind conditions is provided, where the assembly includes a clamping assembly having clamping members that at least partially surround an existing traffic signal disconnect hanger, and bar members positioned substantially perpendicular to the clamping members. In certain embodiments, stiffening members may be placed in, on, or adjacent to a traffic signal and/or a traffic signal disconnect hanger to further reinforce the traffic signal assembly. Also provided are connection assemblies for reinforcing the portion of a traffic control assembly positioned between a traffic signal disconnect hanger and an upper span wire, for example.

27) Family number: 51114357 (US2012125513A) © PatBase

Title: CYLINDRICAL SURFACE SPIN WELD APPARATUS AND METHOD OF USE

Priority:

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Assignee(s): VAN SWEARINGEN KENDRICK WOODRIDGE ; REDWOOD SYSTEMS INC ; WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL AGENT AS ; SKY SOCKET LLC ; COMMSCOPE INC OF NORTH CAROLINA ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; ALLEN TELECOM LLC ; COMMSCOPE TECHNOLOGIES LLC HICKORY

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Inventor(s): VAN SWEARINGEN KENDRICK WOODRIDGE

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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 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

International class (IPC 8–9): B23K20/10 B23K20/12 B23K26/00 B23K26/28 B23K26/282 B23K26/32 B23K31/02 B23P19/00 B29C65/00 B29C65/02 B29C65/06 B29C65/78 B29C65/80 B29L31/34 H01B11/00 H01B11/18 H01B12/00 H01B13/00 H01B13/016 H01B13/20 H01B7/02 H01B7/04 H01B7/08 H01B7/42 H01F10/00 H01G2/10 H01P3/06 H01P3/08 H01P5/02 H01Q1/00 H01R103/00 H01R11/22 H01R12/79 H01R13/11 H01R13/15 H01R13/213 H01R13/504 H01R13/52 H01R13/58 H01R13/622 H01R13/625 H01R13/629 H01R13/639 H01R13/64 H01R13/646 H01R13/6592 H01R24/00 H01R24/28 H01R24/38 H01R24/40 H01R24/44 H01R24/76 H01R4/02 H01R4/62 H01R43/00 H01R43/02 H01R43/04 H01R43/16 H01R43/20 H01R43/26 H01R9/05 H02G15/02 H02G15/08 H04B5/00 (Advanced/Invention); B23K101/06 B23K101/38 B23K103/08 B23K103/10 B23K103/18 B23K20/12 B23K26/28 B23K26/32 B29C65/00 B29C65/06 B29C65/08 B29C65/48 B29C65/56 B29C65/64 B29C65/78 B29L31/34 H01B7/40 H01G4/12 H01P3/06 H01P5/02 H01R101/00 H01R103/00 H01R13/17 H01R13/18 H01R13/504 H01R13/58 H01R13/622 H01R13/625 H01R13/631 H01R24/38 H01R24/40 H01R4/62 H01R43/20 H01R9/05 (Advanced/Non–invention)

CPC: H01R9/0503 H01R13/641 H01R13/514 H01R13/748 H01R24/52 H01R13/6335 H01R4/26 H01R13/6592 H01R2101/00 Y10S439/95 H01R4/625 H01R13/622 H01R43/0221 H01R13/6392 H01R13/64 H01G2/10 H01R12/79 Y10T29/49194 Y10T29/49117 Y10T29/53 Y10T29/5313 Y10T29/532 Y10T29/53209 Y10T29/53213 Y10T29/53235 Y10T29/49181 Y10T29/49 Y10T29/49929 H01F10/00 H01Q1/00 H01R9/0521 H01R13/6315 Y02E40/64 B23K20/129 B23K26/282 B23K26/32 B23K2201/06 B23K2203/10 B29C65/082 B29C65/48 B29C65/4855 B29C65/645 B29C66/742 H01B7/40 H01R13/15 H01R13/17 H01R13/18 H01R24/44 H04B5/0012 H01R13/629 H01R13/6395 H01R13/625 H01R24/38 H01R43/02 B29C65/0672 B29C65/069 B29C65/7841 B29C66/32 H01R2103/00 H01P3/06 H01P5/026 H01P11/00 H01R24/28 B23K2203/08 B23K2203/18 B23K20/10 B23K2201/38 B29C65/06 B29C65/565 B29C66/30223 B29C66/526

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European class: B23K20/10 B23K20/12M B23K26/28B B23K26/32D2D H01R12/79 H01R13/625 H01R13/639B H01R13/64 H01R24/38 H01R24/40 H01R4/02W H01R4/26 H01R43/02 H01R43/02B H01R43/02F H01R43/20 H01R9/05 L23K201/06 L23K201/38 L23K203/10 L29C65/06B L29C65/48 L29C65/64B L29C66/5344 L29C66/742 T01R103/00 T01R13/625 T01R24/40

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Classification Explorer

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Forward Citations: WO17152837, WO17078975, WO17050316, WO17016498, WO16167840, WO16146828, WO16116326, WO16093928, WO16091251, WO16054392, WO16040578, WO15184422, WO15134740, WO15069589, WO15026528, WO14204834, WO14144447, WO14100681, WO14074798, WO14074223, WO14074222, WO14059365, WO14055701, WO14055215, WO13171049, WO13071206, WO13071204, USD794704, USD794114, USD793470, USD788839, USD771569, US9802373, US9780431, US9761959, US9755379, US9755328, US9735531, US9735521, US9735519, US9735480, US9712905, US9692174, US9666983, US9666958, US9653852, US9634475, US9633765, US9633761, US9627782, US9608343, US9589710, US9583847, US9570851, US9570849, US9559552, US9559471, US9543716, US9543629, US9509364,

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Abstract:
Source: US2012125513A A spin weld apparatus for spin welding a prepared end of a coaxial cable with a coaxial connector includes a cable clamp dimensioned to grip the coaxial cable and a drive collet dimensioned to enclose and rotationally interlock with a lateral surface of the coaxial connector. The drive collet is dimensioned to rotationally interlock with an interlocking portion of a spin welder. The spin welder is dimensioned to axially align the coaxial connector with the coaxial cable for spin welding when the drive collet is rotationally interlocked with the spin welder.

28) Family number: 30669270 (US2004120662A) © PatBase

Title: OPTICAL TUBE ASSEMBLY HAVING A DRY INSERT AND METHODS OF MAKING THE SAME

Priority:

AU20060275551	20060727	AU20120203406	20120608	EP20030786647	20031112
US20040847804	20040518	US20020326022	20021219	US20030661204	20030912
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WO2004US22237	20040709	WO2004US22270	20040709	US20140243158	20140402
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Family:

Publication number	Publication date	Application number	Application date
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AU2006275551 AA	20070208	AU20060275551	20060727
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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; EPPING HERMANN FISCHER; EPPING – HERMANN – FISCHER; CARVAJAL Y ISABEL; KUMAKURA YOSHIO; INO SARI; DESHIMARU TAKESHI; SHISHIDO KAICHI; OHTSUKA FUMIAKI; KURASAWA ICHIRO; MATSUSHITA MITSURU; TEXAS INSTRUMENTS INC; CORNING CABLE SYSTEMS LLC; CORNING INC; MICHAEL E; MONTGOMERY C KEITH; C KEITH; STEVEN A; W JAMES; FREDERICK J; WILLIAM D; CARROLL MICHAEL E JR

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 YU ZA ZM ZW

International class(IPC 8–9)**:** G02B6/02 G02B6/028 G02B6/036 G02B6/14 G02B6/255 G02B6/38 G02B6/44 H01B11/22 H04L12/28 H04L12/56 H04N7/12 H04W4/00 (Advanced/Invention);
G02B6/028 G02B6/44 (Advanced/Non–invention);
G02B6/02 G02B6/44 H04L12/28 H04L12/56 H04N7/12 (Core/Invention);
G02B (Subclass/Invention)

International class(IPC 1–7)**:** G02B6/44 H01B7/00 H04N7/12

CPC: G02B6/4429 G02B6/4411 G02B6/448 G02B6/4484 G02B6/4479 G02B6/4475 G02B6/4495 G02B6/14 G02B6/441 H04N21/4305 H04N21/8547 H04W28/14 G02B6/4434 G02B6/02357 G02B6/0365 G02B6/4404 G02B6/4433 G02B6/4483 G02B6/4494 G02B6/4401 G02B6/3887 G02B6/3885 G02B6/3851 G02B6/4473 G02B6/2551 G02B6/0281 G02B6/4403 G02B6/443

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US class: 1/1 370/329 375/240.26 375/240.260S 375/240.28 375/240.280P 385/100 385/100P 385/100S 385/102 385/102S 385/103 385/103P 385/104 385/105 385/105S 385/106 385/106P 385/107 385/107P 385/108 385/111 385/111P 385/113 385/113P 385/113S 385/114 385/114P 385/114S 385/78 385/96

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Abstract:
Source: US2004120662A An optical tube assembly and methods of manufacturing the same include a tube, at least one optical waveguide, and a dry insert. In one embodiment, the dry insert generally surrounds the at least one optical waveguide and forms a core that is disposed within the tube. In one embodiment, the dry insert is compressed at least about 10 percent for coupling the at least optical waveguide to the interior surface of the tube.

29) Family number: 30736029 (US2004143263A) © PatBase

Title: COMPRESSIBLE JAW CONFIGURATION WITH BIPOLAR RF OUTPUT ELECTRODES FOR SOFT TISSUE FUSION

Priority:

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Probable Assignee: COVIDIEN LP

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; COVIDIEN LP ; JACOB BRIAN P ; ARANYI ERNEST ; ARTS GENE ; SINAI SCHOOL MEDICINE

Assignee(s): TYCO HEALTHCARE GROUP LP MANSFIELD ; ARTS GENE H ; COVIDIEN LP MANSFIELD ; MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIV ; ROBINSON WILLIAM ; MOUNT SINAI SCHOOL OF MEDICINE ; TYCO HEALTHCARE GROUP AG

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

International class (IPC 8–9): A61B1/00 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/04 A61B17/068 A61B17/072 A61B17/08 A61B17/10 A61B17/11 A61B17/115 A61B17/12 A61B17/122 A61B17/128 A61B17/28 A61B17/29 A61B17/34 A61B17/94 A61B18/00 A61B18/04 A61B18/12 A61B18/14 A61B18/18 A61F2/00 A61F2/02 A61K31/055 A61K31/09 A61K31/133 A61K31/14 A61K31/155 A61K31/165 A61K31/18 A61K31/357 A61K31/395 A61K31/407 A61K31/43 A61K31/47 A61K31/496 A61K31/545 A61K31/575 A61K31/65 A61K31/665 A61K31/7028 A61K31/7036 A61K31/7048 A61K31/7056 A61K31/765 A61K33/18 A61K33/24 A61K38/02 A61K38/12 A61K38/14 A61K38/20 A61K38/21 A61K38/22 A61K47/34 A61L17/10 A61L17/12 A61L17/14 A61M1/00 A61M39/06 A61M5/178 A61P17/02 A61P29/00 A61P31/00 C08K5/098 C08K5/10 C08K5/101 C08L67/04 D03D15/08 D03D3/02 F16J15/50 H01R12/00 H01R13/62 H01R4/50 (Advanced/Invention);
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A61B17/00 A61B17/03 A61B18/00 A61B19/00 (Core/Non–invention)

International class (IPC 1–7): A61B1/00 A61B1/32 A61B17/04 A61B17/072 A61B17/10 A61B17/11 A61B17/28 A61B17/34 A61B18/14 A61B18/18 A61F2/02 A61F7/00 A61K A61L A61L2/00 A61M5/178 A61N1/30 H01R13/62 H01R4/24

CPC: A61B17/3439 A61B17/3498 A61B2017/00672 A61B17/3423 A61B17/3417 A61B17/3421 A61L17/12 A61L17/145 C08K5/098 C08L67/04 A61B17/128 A61B2017/00398 A61B2017/925 A61B17/1114 A61B17/3462 A61B18/14 A61B2017/00265 A61B2017/1135 A61B2017/349 A61B2018/00178 A61B2018/00988 A61B17/1285 A61B17/122 A61B17/04 A61B2017/00504 A61B2017/2945 A61B2018/00345 A61B2018/00404 A61B2018/00619 A61B2018/1432 A61B17/07292 A61B17/1155 A61B17/07207 A61B2017/07214 A61B2017/2926 A61B18/1445 A61B18/1402 A61B2018/0063 A61B2018/00702 A61B2018/00791 A61B2018/00875 A61B17/105 A61B17/068 A61B2018/00083 A61B2018/00136 A61B2018/00196 A61B2018/00589 A61B2018/1455 A61B2090/064

European class: A61B17/072B A61B17/072R A61B17/122 A61B17/128 A61B17/128E A61B17/34G A61B17/34G4 A61B17/34G4A A61B17/34G4H A61B17/34H A61B18/14 A61B18/14B

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US class: 1/1 128/898 128/898S 227/130 227/132 227/175.1 227/175.100P 227/175.100S 227/176.1 227/176.100P 227/177.1 227/177.100P 227/179.1 227/180.1 227/19 227/19S 424/426 424/426P 424/444 424/444P 424/600 424/600S 424/617 424/617S 424/78.37 424/78.370S 424/85.1 424/85.100S 424/85.2 424/85.200S 424/85.4 424/85.400S 439/404 439/404P 439/495 439/77 514/152 514/152S 514/182 514/182S 514/183 514/183S 514/192 514/192S 514/2.3 514/2.300S 514/200 514/200S 514/210.09 514/210.090S 514/23 514/23S 514/254.11 514/254.110S 514/27 514/27S 514/29 514/29S 514/312 514/312S 514/40 514/40S 514/452 514/452S 514/601 514/601S 514/628 514/628S 514/635 514/635S 514/642 514/642S 514/669 514/669S 514/721 514/721S 514/735 514/735S 514/772.7 514/772.700S 514/99 514/99S 600/184 600/207 600/207P 600/208 600/208P 600/210 604/164.01 604/167.01 604/167.010P 604/167.010S 604/167.02 604/167.03 604/167.030P 604/167.06 604/30 604/34 604/500 604/500S 604/506 604/506P 606/108 606/139 606/139S 606/142 606/142P 606/144 606/153 606/153S 606/205 606/214 606/27 606/33 606/33P 606/34 606/41 606/45 606/45P 606/49 606/49S 606/51 606/51P 606/52 606/52P 607/96 607/96P

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Abstract:
Source: US2004143263A The present disclosure relates to electrosurgical instruments for use in sealing various tissues. The instrument includes a housing having a shaft attached thereto and an end effector assembly attached to a distal end of the shaft, wherein the end effector assembly includes first and second jaw members attached thereto. The jaw members are movable relative to one another from a first position for approximating tissue to at least one additional position for grasping tissue therebetween. The jaw members have an elastomeric material disposed on an inner facing tissue contacting surface thereof with the elastomeric materials including an electrode disposed therein. The electrodes are offset a distance X relative to one another such that when the jaw members are closed about the tissue and when the electrodes are activated, electrosurgical energy flows through the tissue in a generally coplanar manner relative to the tissue contacting surfaces.

30) Family number: 44523909 (US5176671A) © PatBase

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A61F13/15 (Core/Non–invention);
A41B A44B A61F B32B (Subclass/Invention)

International class (IPC 1–7): A41B A41B13/02 A41F1/00 A41H42/00 A41H43/00 A41H43/04 A44B A44B18/00 A44B21/00 A61F A61F13/15 A61F13/20 A61F13/49 A61F13/56 A61F13/58 A61F13/62 A61F13/67 A61F5/44 B32B B32B31/10 B32B31/18 D04H11/00

CPC: B29C66/21 Y10T156/1067 Y10T156/1077 Y10T156/1087 Y10T156/1074 Y10T156/1084 B29C66/729 B29C66/7294 A61F13/551 B29C2793/00 Y10T428/23957 B29C66/721 B29C66/7392 B29C66/7394 B29C66/71 B29C66/73921 B29C66/73941 B29C66/83411 B29C66/83413 B29C66/83511 A61F13/622 B29C65/087 B29C65/18 A61F13/625 B29C65/02 B29C65/14 B29C66/472 A61F13/5633 A61F13/5512 B29L2031/4878 B29C66/4722 B29C65/62 B29C65/4815 B29C66/723 B29C66/1122

European class: A61F13/551 A61F13/551A6 A61F13/62 B29C66/4722 G03B15/08 G03B31/02 L29C793/00 L29L31/48E2 S10L21/10L S11B220/90 T04N5/60

US class: 156/259 156/263 156/265 156/269 156/271 156/66 375/E07.083 375/E07.271 428/92 604/358 604/385.1 604/385.13 604/386 604/387 604/389 604/390 604/391

Classification Explorer

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Abstract:
Source: US5176671A There is disclosed a disposable diaper in which the waistband is closed by a mechanical fastener. A second fastener means is included and positioned on the article to enable rolling or folding the garment after use and thereby secure it in a neat bundle for disposal. In the disclosed embodiments, the mechanical fastener is comprised of hook tabs at the rear waistband which engage a patch of loop material adhesively bonded on the front waistband. The second fastener means of the disclosed embodiments utilizes the tabs which engage a compatible component on the garment placed in the same half portion with the tabs. The disclosed species of the second (disposability) fastener means include: (1) tabs comprised of a hook component on one surface and loop component on the opposite surface thereof; or (2) tabs comprised of a hook component and a loop component on the outer surface in the same (rear) half of the garment; or (3) tabs comprised of a hook component and a loop component on the outer surface at the rear half of the cover in the region of the ears which is comprised of either the loop material mounted on the garment outer surface or is a non−woven material portion configured to function with the hook component and perform the secondary fastening function; or (4) tabs comprised of a hook component area and a pressure−sensitive adhesive area, the latter adhesively fastening the tabs to the rear half of the outer polymer cover sheet of the garment; or (5) tabs comprised of a hook component and transverse interlocking slots in the tabs, which link the ends of the rear waistband around the rolled garment to secure it for disposal.

31) Family number: 49180367 (US2013026900A) © PatBase

Title: REFRIGERATOR INCLUDING MULTIPLE STORAGE COMPARTMENTS

Priority:

CN201080060613 20100915
EP20100841112 20100915
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Family:

Publication number	Publication date	Application number	Application date
AU2010339263 AA	20110707	AU20100339263	20100915
AU2010339263 BB	20140918	AU20100339263	20100915
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US9175902 BB	20151103	US20140165706	20140128	
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US9322591 BB	20160426	US20150609005	20150129	
WO11081279 A1	20110707	WO2010KR06297	20100915	

Probable Assignee: LG ELECTRONICS INC

Assignee(s):(std)**:** LEE JONGHWA ; LG ELECTRONICS INC ; OH SEUNGJIN

Assignee(s): EHLDZHI EHLEKTRONIKS INK

Inventor(s):(std)**:** LEE JONGHWA ; LIM KIYOUNG ; OH SEUNGJIN ; PARK MAN HO ; PARK MANHO ; LIM KI YOUNG ; CHOI CHANGBONG ; CHOI CHANG BONG ; SEUNGJIN OH ; JONGHWA LEE ; SEUNG JIN OH ; OH SEUNG JIN ; LEE JONG HWA ; JONG HWA LEE ; OKH SEUNGDZIN ; LI DZONGKHVA ; LEE JONGHW

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; URNER PETER; TER MEER STEINMEISTER AND PARTNER; FISH AND RICHARDSON PC; HAW YONG NOKE

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

International class (IPC 8–9): A47B96/04 E05B65/00 E05D11/00 E05D11/06 E05D11/10 E05D7/00 E05D7/081 E05F5/00 F25D11/02 F25D23/00 F25D23/02 F25D23/04 F25D23/06 F25D23/08 F25D25/00 F25D25/02 (Advanced/Invention); F25D23/08 (Advanced/Non–invention)

CPC: F25D23/028 F25D23/04 E05D7/081 E05D11/0081 E05D11/06 E05D11/1078 E05F5/00 E05Y2800/71 E05Y2900/31 F25D23/025 F25D23/085 F25D23/087 F25D25/027 F25D2323/024 E05B65/0042 E05D7/00 F25D23/00 F25D23/02

European class: F25D23/02 F25D23/02E F25D23/04 F25D23/08B2 R25D23/08B1 R25D323/024

US class: 1/1 312/326 312/401 312/404 312/404 312/404 312/405 312/405.1 312/405.1

Classification Explorer

Cited documents: WOW040836 A3, WOW011116, WO1181279, WO11081279 A1, WO10140836 A3, WO10140836 A2, WO06011116 A1, WO05024318 A1, WO04059228 A1, WO04029528 A1, USRE35120 E, USD522541 S1, US8752918 BB, US8388078 BB, US8322805 BB, US7472974 BB, US7360374 BB, US7257958 BB, US7243394 BB, US7104621 BB, US7008032 BB, US6782710 BB, US6722142 BA, US6375291 BA, US6371581 BA, US6268594 BA, US6193340 BA, US6155616 A, US6085542 A, US6070300 A, US6055823 A, US5966963 A, US5966963, US5584902 A, US5579606 A, US5209082 A, US5111618 A, US4801182 A, US4572427 A, US4514021 A, US4368622 A, US4302907 A, US4087140 A, US3836221 A, US3822925 A, US3643464 A, US3628845 A, US3518716 A, US3510986 A, US3389424 A, US3218111 A, US3140134 A, US3086830 A, US2942438 A, US2692813 A, US2653851 A, US2284293 A, US2281430 A, US2276937 A, US2213274 A, US2150064 A, US2136558 A, US2135878 A, US2131680 A, US2131680, US2130617 A, US2129923 A, US2112771 A, US2095811 A, US2051132 A, US2046909 A, US2014139094 AA, US2014139093 AA, US2014139092 AA, US2014139091 AA, US2014139090 AA, US2014139089 AA, US2013147337 AA, US2013026900 AA, US2012032572 AA, US2010308705 AA, US2010107679 AA, US2010033067 AA, US2009272136 AA, US2009261701 AA, US2009075069 AA,

US2008265729 AA, US2008168794 AA, US2008006042 AA, US2007256715 AA, US2007018548 AA, US2006279188 AA, US2006265979 AA, US2006250063 AA, US2006226751 AA, US2006150661 AA, US2006086130 AA, US2006005484 AA, US2005258724 AA, US2005188506 AA, US2005006997 AA, US2004137235 AA, US1927398 A, US1915249 A, US1581776 A, US1275511 A, RU2503898 C1, RU2370713 C2, RU2350859 C1, KR20110079966 A, KR20110040567 A, KR20090090515, KR20090085181 A, KR20090077564 A, KR2008047148 A, KR20080047148 A, KR20080036810, KR20050117536 A, KR20050111094 A, KR20050103722 A, KR200314145 Y1, KR20030083813 A, KR20020083115 A, KR20020080938 A, KR200168373 Y1, KR200164322 Y1, KR1999062159 A, KR1999042339 A, KR1999037440 A, KR19990042364 A, KR19990039593 A, KR19960011364 A, KR19900008203, KR101347002 B1, KR101346866 B1, KR101275987 B1, KR101176962 B1, KR101054927 B1, KR100887575 B1, KR100733309 B1, KR100660708 B1, KR100657496 B1, KR100596533 B1, KR100376167 B1, JP63142682 U1, JP63142682 U, JP6180178, JP61058486 U1, JP6066473 A2, JP56164495 U1, JP56164495 U, JP2009103395 A2, JP2006038437 A2, JP2005282897 A2, JP2002323287 A2, JP2001108357 A2, JP2000065459 A2, JP10122731 A2, JP10009757 A2, FR2390887 A7, EP1726897 A2, EP1724539 A2, EP1653178 A2, EP1617160 B1, EP1617160 A1, EP1424529 A3, EP1424529 A2, EP1327842 A2, EP0539558 A1, EP0001653178,

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Forward Citations: WO17119614, WO16060530, WO15105332, WO15072793, WO15062665, WO14129795, WO14129781, USD794685, US9810475, US9791207, US9777958, US9759477, US9739527, US9702613, US9625204, US9605891, US9574818, US9562713, US9518777, US9513047, US9500403, US9482463, US9448004, US9429356, US9410732, US9353984, US9322592, US9322591, US9267727, US9200830, US9175903, US9175902, US9175901, US9170045, US9091476, US8960826, US8752918, US2017030629, US2017010040, US2016356543, US2016146529, US2016138855, US2016131413, US2015374128, US2015260443, US2015247666, US2015233629, US2015198365, US2015069900, US2014203695, US2014132146, US2013104590, KR20160077837, KR20160023741, KR20160023454, KR20160023451, KR101697112, KR101622228, KR101618129, KR101368583, KR101347002, EP2940411, EP2921805, EP2918955, EP2886982, EP2846117, EP2801775, EP2770285, EP2770284, EP2770283, EP2762816, EP2730870, EP2730868, EP2696154, EP2685185, EP2677258, EP2677258, EP2578972, EP2578972, EP2258994, DE102016006221, CN105283725, CN105264157, CN105121984, CN105074368, CN105042998, CN104729181, CN104631986, CN104631986, CN104422228, CN104422228, CN104329902, CN104329882, CN104329882, CN104061746, CN103400450, CN103400450, CN103388432, CN103033016, CN103033016, CN102494483, CN102494479, CN102494479, AU2015205139, AU2014219633, AU2014219574,

Abstract:
Source: US2013026900A The present invention provides a refrigerator, comprising: a cabinet that defines a first storage compartment; a first door that is opened or closed to allow or prevent access to an interior of the first storage compartment; a storing device coupled to the first door to define a second storage compartment, wherein, when the first door is closed, the second storage compartment is disposed in the first storage compartment; and a second door connected to the first door and configured to be opened or closed to allow or prevent access to an interior of the second storage compartment, wherein the interior of the second storage compartment is accessible when the first door is closed and the second door is opened, wherein the first door includes a plurality of first coupling parts to which the storing device is coupled, wherein the storing device includes: a frame; and a basket installed on the frame, wherein each of the frame and the basket includes at least one second coupling part interacting with at least one of the plurality of first coupling parts, wherein a front surface of the second door is positioned to be generally coplanar with at least a portion of a front surface of the first door.

0) US2006065023A – SECURITY LINK

32) Family number: 32759970 (US2006065023A) © PatBase

Title: SECURITY LINK

Priority: US20040611369P 20040920 US20050231210 20050920 US20050651414P 20050209 US20090362185 20090129 WO2005US33533 20050920 US20060351136 20060209 US20130074917 20131108

Family:

Publication number	Publication date	Application number	Application date
EP1802832 A2	20070704	EP20050798095	20050920
EP1802832 A4	20110525	EP20050798095	20050920
US2006065023 AA	20060330	US20050231210	20050920
US2006123856 AA	20060615	US20060351136	20060209
US2009217713 AA	20090903	US20090362185	20090129
US2014137611 AA	20140522	US20130074917	20131108
US7543466 BB	20090609	US20050231210	20050920
US9212508 BB	20151215	US20090362185	20090129
US9528302 BB	20161227	US20130074917	20131108
WO06034226 A2	20060330	WO2005US33533	20050920
WO06034226 A3	20060713	WO2005US33533	20050920

Probable Assignee: STANTON CONCEPTS LLC

Assignee(s):(std)**:** LOUGHLIN JOHN ; LOUGHLIN ROBERT ; STANTON CONCEPTS INC ; STANTON CONCEPTS L L C ; STANTON CONCEPTS LLC

Inventor(s):(std)**:** LOUGHLIN JOHN ; LOUGHLIN ROBERT

Agent(s): LERNER DAVID LITTENBERG , KRUMHOLZ AND MENTLIK; LERNER DAVID LITTENBERG KRUMHOLZ AND MENTLIK; DIEHL SERVILLA LLC; DIEHL GLEN M; SERVILLA SCOTT S; GLEN M; SCOTT S; GRAHAM CURTIN PA; CHIESA SHAHINIAN AND GIANTOMASI PC

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 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

International class (IPC 8–9)**:** E05B17/00 E05B65/48 E05B67/00 E05B67/08 E05B67/22 E05B67/36 E05B67/38 E05B73/00 E05C19/18 (Advanced/Invention); E05B13/00 E05B83/10 (Advanced/Non–invention); E05B17/00 E05B65/00 E05B67/00 E05B73/00 (Core/Invention)

CPC: E05B67/365 E05B73/0005 Y10T70/35 Y10T70/40 Y10T70/441 Y10T70/493 E05B67/22 E05B13/002 E05B67/003 E05B67/36 E05B83/10 E05C19/186 E05B67/383 E05B67/38 Y10T70/409 Y10T70/491

European class: E05B67/00B E05B67/22 E05B67/36 E05B67/36B E05B67/38B E05B73/00A E05C19/18C P05B13/00C P05B67/38B P05B83/10

US class: 1/1 70/14 70/18 70/18P 70/33 70/53 70/53P 70/54 70/8

Classification Explorer

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Forward Citations: WO16029991, WO12038758, USD773280, USD677144, USD608617, US9623838, US9512646, US9446280, US9243431, US9184573, US9169670, US9133651, US9091099, US8938997, US8839729, US8640509, US8186187, US2016340934, US2016076281, US2016002956, US2015080196, US2014326026, US2014165895, US2013174617, US2012293655, US2012210754, US2012103032, US2011283750, US2011179692, US2010231388, ITBS20130025, FR2973416, EP2201544, CN103485612, CN103485611,

Abstract:
Source: US2006065023A A link for connecting at least one securing member, such as chain, with a locking device having a body and a shackle, where the link comprises a base having a through hole adapted to receive the shackle of a locking device and a first securing element associated with the base, the first securing element adapted to receive a first securing member, wherein the shackle of a lock may be inserted through the through hole such that the lock blocks the first securing member from being separated from the securing element. Also disclosed is a system for securing a locking device having a handle hinged to a vertical lockrod, where the system comprises a strap and a link adapted to be installed upon the vertical lockrod and handle such that the handle is prevented from being manipulated in such a manner as to unlock the locking device.

33) Family number: 43505897 (US2009180737A) © PatBase

Title: OPTICAL FIBER INTERCONNECTION DEVICES AND SYSTEMS USING SAME

Priority:

EP20090701176 20090109 US20080010807 20080111 US20080019592P 20080107
US20080010807P 20080111 US20080019596 20080107 US20080019592 20080107
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US20100695916 20100128 US20100697569 20100201 US20100699684 20100203
US20100762538 20100419 WO2009US30368 20090107 WO2009US00075 20090107
WO2009US00119 20090109 US20110103249 20110509 US20110103453 20110509

Family:

Publication number	Publication date	Application number	Application date
AU2009204148 AA	20090716	AU20090204148	20090107
AU2009204505 AA	20090716	AU20090204505	20090107
BRPI0907250 A2	20170523	BR2009PI07250	20090107
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EP2238492 A2	20101013	EP20090700811	20090107
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GB201012514 A0	20100908	GB20100012514	20090107
GB2468823 A1	20100922	GB20100012514	20090107
GB2468823 A8	20101020	GB20100012514	20090107
GB2468823 B2	20121024	GB20100012514	20090107
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SE535066 C2	20120403	SE20100050712	20090107
US2009180737 AA	20090716	US20080077647	20080320
US2009224110 AA	20090910	US20090349619	20090107
US2009236117 AA	20090924	US20090350216	20090107
US2009273915 AA	20091105	US20090350027	20090107
US2010101820 AA	20100429	US20100684023	20100107
US2010122830 AA	20100520	US20100695893	20100128
US2010126750 AA	20100527	US20100695916	20100128
US2010126751 AA	20100527	US20100697569	20100201
US2010193754 AA	20100805	US20100699684	20100203
US2010200707 AA	20100812	US20100762538	20100419
US2011211328 AA	20110901	US20110103249	20110509
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US7689079 BB	20100330	US20080077647	20080320
US7893356 BB	20110222	US20100695916	20100128
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US8411465 BB	20130402	US20110103249	20110509

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WO09089008 A2	20090716	WO2009US00075	20090107	
WO09089008 A3	20091008	WO2009US00075	20090107	
WO09089041 A1	20090716	WO2009US00119	20090109	
WO09089306 A1	20090716	WO2009US30368	20090107	
WO09089306 A4	20110623	WO2009US30368	20090107	
WO09089307 A2	20090716	WO2009US30369	20090107	
WO09089307 A3	20091203	WO2009US30369	20090107	

Probable Assignee: CORNING CABLE SYSTEMS LLC

Assignee(s):(std)**:** DONOWHO D BRIAN ; GARZA JOSE ARTURO ; CORNING CABLE SYS LLC ; DEAN JR DAVID L ; DONOWHO DAVID B ; DENNIS ROBERT W ; DEAN JR DAVID LEE ; DONOWHO DAVID BRIAN ; DAVID DONOWHO ; HATHCOCK MARY ; LEWIS RICHARD EVANS II ; HILLMAN LEE BAILEY ; GRAVELL LAWRENCE RANDOLPH ; LAWRENCE JAMES I ; YOUNG JOSHUA JAMES ; ZAHLIT WAYNE ARNOLD ; LEWIS II RICHARD E ; UGOLINI ALAN W ; MESSMER KARL T ; KLAVUHN TORY A ; MESSMER KARL THEODORE ; LEWIS II RICHARD EVANS ; UGOLINI ALAN WILLIAM ; RICHARD LEWIS II ; ALANIZ DANIEL ; BAILEY HILLMAN LEE ; BURNHAM WILLIAM R ; CHATSWORTH PROD INC ; COOKE TERRY L

Assignee(s): CORNING CABLE SYSTEMS LLC ; DONOWHO D ; CHATSWORTH PRODUCTS INC ; CORNING OPTICAL COMMUNICATIONS LLC

Inventor(s):(std)**:** DONOWHO D BRIAN ; DONOWHO DAVID B ; GARZA JOSE ARTURO ; GRAVELL LAWRENCE RANDOLPH ; HATHCOCK MARY ; HILLMAN LEE BAILEY ; JAMES I LAWRENCE ; JOSE ARTURO GARZA ; JOSHUA JAMES YOUNG ; KLAVUHN TORY A ; LAWRENCE JAMES I ; LAWRENCE RANDOLPH GRAVELL ; LEE BAILEY HILLMAN ; LEWIS II RICHARD E ; LEWIS RICHARD EVANS II ; MESSMER KARL T ; UGOLINI ALAN W ; WAYNE ARNOLD ZAHLIT ; YOUNG JOSHUA JAMES ; ZAHLIT WAYNE ARNOLD ; UGOLINI ALAN WILLIAM ; ALANIZ DANIEL ; BURNHAM WILLIAM R ; COOKE TERRY L ; D BRIAN DONOWHO ; DEAN JR DAVID L ; DENNIS ROBERT W ; MESSMER KARL THEODORE ; LEWIS RICHARD E II ; LEWIS II RICHARD EVANS ; DONOWHO DAVID BRIAN ; DONOWHO BRIAN D ; DEAN JR DAVID LEE ; DEAN DAVID L JR ; RANDOLPH GRAVELL LAWRENCE ; JAMES YOUNG JOSHUA ; DANIEL ALANIZ ; COOKE TERRY LEE ; BRIAN DONOWHO D ; ARTURO GARZA JOSE ; ARNOLD ZAHLIT WAYNE ; BAILEY HILLMAN LEE

Inventor(s): ALAN W UGOLINI ; DAVID L DEAN JR ; DAVID B DONOWHO ; BRIAN D DONOWHO ; KARL T MESSMER ; DONOWHO D ; RICHARD E LEWIS II

Agent(s): GRIFFITH HACK; STURM CHRISTOPH; PRICE PAUL ANTHONY KING; CORNING INC; TILLMAN WRIGHT PLLC; JOHN H; JAMES D; CHAD D; DAVID R; VYNALEK JOHN H; CARROLL MICHAEL E JR; WRIGHT JAMES D ET AL; WRIGHT JAMES 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 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

International class(IPC 8–9)**:** F16L3/00 F16L3/01 F16L3/02 F16L3/08 F16L3/22 G02B6/26 G02B6/38 G02B6/42 G02B6/44 H01R4/00 H02B1/01 H02B1/20 H02B1/56 H02G3/00 H02G3/04 H02G3/30 H02G7/10 H04Q1/02 H04Q1/06 H04Q1/14 H05K5/02 H05K7/14 H05K7/20 (Advanced/Invention); H02B1/56 H05K7/20 (Advanced/Non–invention); F16L3/00 F16L3/01 F16L3/02 F16L3/08 F16L3/22 G02B6/38 G02B6/44 H02B1/00 H02B1/20 H02G3/00 H02G3/04 H02G3/30 H02G7/00 H04Q1/02 H05K5/02 H05K7/14 H05K7/20 (Core/Invention); H02B1/00 H05K7/20 (Core/Non–invention)

CPC: G02B6/3897 G02B6/4453 G02B6/4472 G02B6/3608 H05K7/1447 H04Q1/14 H04Q1/06 H04Q1/035 H02G3/30 H02G3/0456 H04Q1/062 H05K7/1491 H04Q1/09 G02B6/4459 G02B6/4452

European class: G02B6/38D16 G02B6/44C8A6 G02B6/44C8D H02G3/04G H02G3/30 H04Q1/02 H04Q1/06 H05K7/14S4D S02B6/36F S02B6/44C8A4 S02B6/44C8Z1

US class: 174/100 174/101 174/135 174/135S 174/168 174/173 174/197 174/50 174/68.1 174/68.3 174/72A 174/72R 174/97 211/26 248/65 248/65P 248/65S 248/68.1 248/68.100P 254/134.3CL 312/265.1 312/354.1 361/825 361/826 361/826P 385/134 385/135 385/15

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Classification Explorer

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Abstract:
Source: US2009180737A Optical fiber interconnection devices, which can take the form of a module, are disclosed that include an array of optical fibers and multi−fiber optical−fiber connectors, for example, two twelve−port connectors or multiples thereof, and three eight−port connectors or multiples thereof. The array of optical fibers is color−coded and is configured to optically interconnect the ports of the two twelve−port connectors to the three eight−port connectors in a manner that preserves transmit and receive polarization. In one embodiment, the interconnection devices provide optical interconnections between twelve−fiber optical connector configurations to eight−fiber optical connector configurations, such as from twelve−fiber line cards to eight−fiber line cards, without having to make structural changes to cabling infrastructure. In one aspect, the optical fiber interconnection devices provide a migration path from duplex optics to parallel optics.

34) Family number: 44581228 (US2011212633A) © PatBase

Title: CONNECTOR WITH IMPEDANCE TUNED TERMINAL ARRANGEMENT

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: MOLEX LLC

Assignee(s):(std)**:** CASHER PATRICK R ; JANTELEZIO JOHN ; LANG HAROLD KEITH ; LONG JERRY A ; MOLEX INC ; REGNIER KENT E ; NEER JAY ; REED BRUCE ; MOLEX INCORPRATED ; MOLEX LLC

Assignee(s): MOLEX INCORPORATEDUS

Inventor(s):(std)**:** BRUCE REED ; CASHER PATRICK R ; HAROLD KEITH LANG ; HAROLD LANG KEITH ; JANTELEZIO JOHN ; JAY NEER ; JENTRAZO JOHN ; JERRY A LONG ; JOHN JANTELEZIO ; KEITH LANG HAROLD ; KENT E REGNIER ; LANG HAROLD KEITH ; LONG JERRY A ; NEER JAY ; RAINIER KENT E ; REED BRUCE ; REGNIER KENT E

Inventor(s): PATRICK R CASHER ; PATRICKRCASHER ; KENTERAINIER ; KENTEREGNIER ; KENT E ; KENT E RAINIER ; JOHN JENTRAZO ; JERRYALONG ; JERRY A ; JAYNEER ; HAROLDKEITHLANG ; BRUCEREED

Agent(s):

STEPHEN L; CLARENCE R; JEFFREY K; SHELDON STEPHEN L ET AL; SHELDON STEPHEN L

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 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

International class (IPC 8–9): H01R11/03 H01R12/00 H01R12/14 H01R12/16 H01R12/30 H01R12/51 H01R12/58 H01R12/70 H01R12/71 H01R12/72 H01R12/73 H01R13/02 H01R13/40 H01R13/46 H01R13/506 H01R13/508 H01R13/514 H01R13/516 H01R13/518 H01R13/60 H01R13/62 H01R13/627 H01R13/629 H01R13/631 H01R13/639 H01R13/646 H01R13/6477 H01R13/648 H01R13/652 H01R13/658 H01R13/6581 H01R13/659 H01R13/6594 H01R13/66 H01R13/717 H01R13/73 H01R23/6873 H01R24/00 H01R24/04 H01R24/28 H01R24/60 H01R24/66 H01R27/02 H01R4/50 H01R4/66 H01R9/03 H05K7/00 H05K9/00 (Advanced/Invention); H01R107/00 H01R9/03 (Advanced/Non–invention); H01R12/00 H01R13/658 (Core/Invention); H01R13/02 (Core/Non–invention)

International class (IPC 1–7): H01R12/16 H01R13/518 H01R13/631 H01R13/658

CPC: H01R12/716 H01R9/038 H01R13/6594 H01R24/00 H01R13/506 H01R9/03 H01R13/508 H01R13/6275 H01R13/65802 H01R13/659 H01R13/6658 H01R2107/00 H01R24/60 H01R13/46

European class: H01R13/508 H01R13/627D H01R13/658B H01R13/659 H01R13/66D2 H01R23/72K H01R24/60 H01R9/03S5 T01R9/03

US class: 1/1 174/377 174/377S 248/309.1 248/309.100S 361/816 439/108 439/345 439/345P 439/350 439/352 439/497 439/527 439/527P 439/579 439/607.01 439/607.010P 439/607.05 439/607.06 439/607.07 439/607.08 439/607.13 439/607.39 439/625 439/626 439/626P 439/626S 439/638 439/660 439/660P 439/676 439/676P 439/76.1 439/95 439/95P

Classification Explorer

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Forward Citations: WO16175795, WO16130676, WO15095869, WO15006396, WO13185305, WO13166380, WO13095628, WO12026972, WO11140438, WO11140438, USD765036, USD750031, USD750028, USD750027, USD740757, USD733061, USD733060, USD733059, USD732479, USD718250, USD718249, USD718248, USD718244, USD718243, US9799981, US9793648, US9787028, US9780458, US9761974, US9748713, US9711911, US9711894, US9686877, US9666965, US9660383, US9660333, US9640906, US9634436, US9627818, US9615492, US9608348, US9590362, US9583851, US9553381, US9525245, US9515421, US9502845, US9496645, US9490558, US9484673, US9484671, US9468103, US9461404, US9461392, US9450360, US9435855, US9397444, US9391407, US9391378, US9385487, US9385455, US9362678, US9312618, US9300088, US9287640, US9257794, US9246262, US9246251, US9214768, US9209583, US9203171, US9197019, US9160123, US9142927, US9142921, US9118144, US9093794, US9083130, US9077107, US9065230, US9065193, US9054432, US9033738, US9011177, US8998651, US8979558, US8979553, US8961196, US8926377, US8845364, US8821168, US8770990, US8753145, US8740646, US8734187, US8727793, US8678839, US8657631, US8641456, US8597055, US8597052, US8591260, US8585426, US8573853, US8562369, US8550848, US8506331, US8506174, US8480432, US8465302, US8449312, US8439706, US8342881, US8333614, US8251735, US2017133780, US2017117645, US2017047688, US2016322758, US2016197424, US2016197423, US2016190747, US2016149332, US2016126668, US2016072229, US2016056580, US2016013596, US2015295358, US2015249296, US2015222056, US2015171557, US2015137848, US2015104980, US2015093939, US2015093078, US2015038004, US2015017841, US2014295704, US2014273547, US2014248796, US2014242844, US2014199874, US2014199862, US2014162498, US2014073173, US2013344728, US2013330940, US2013323970, US2013237092, US2013231011, US2013196550, US2013171844, US2013164970, US2013094153, US2013065454, US2013045642, US2013017726, US2013017723, US2012264325, US2012230700, US2012214350, US2012214345, US2012214324, US2012058665, US2012045920, US2012034820, US2012002925, US2011318945, US2011300749, US2011294347, US2011269338, US2011230104, US2011212633, US2011183535, US2010124851, TWI593172, TWI549381, TWI533536, TWI484705, TWI464966, KR101330557, JP6186084, JP6105113, JP2017500711, JP2016525772, JP2016509354, JP2016146352, FR3033542, EP2706624, EP2667454, CN105580210, CN105580210, CN105098416, CN105098416, CN105048222, CN105048222, CN104882703, CN104882703, CN104813545, CN104716507, CN104466442, CN104283012, CN104283012, CN104124550, CN104124550, CN104103956, CN104103956, CN104022404, CN103928793, CN103928793, CN103928777, CN103887655, CN103887655, CN103887645, CN103858284, CN103858284, CN103855530, CN103855530, CN103840300, CN103794953, CN103515768, CN103515768, CN103384037, CN103384037, CN103329358, CN103329358, CN103091798, CN102986091, CN102906947, CN102906947, CN102904119, CN102802386, CN102802386, CN102651521, CN102651521, CN102637973, CN102570099, CN102570099, CN102522655, CN102403605, CN102280776, CN102280776, CN102177616,

Abstract:
Source: US2011212633A A connector housing includes a plurality of wafers containing terminal dedicated to either ground signals or differential signals. Terminals in adjacent wafers can be arranged to provide broadside coupled differential signal pairs. Terminals dedicated for use as ground terminals can be wider than the signal terminals to provide shielding between adjacent differential signal pairs. The signal terminals of each differential signal terminal pair can a constant width from their contact portions to a location proximate their tail portions and the terminals diverge from broadside alignment and increase in their width until they end at the terminal tail portions.

0) US2013075149A – CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

35) Family number: 50019001 (US2013075149A) © PatBase

Title: CONDUCTIVE FRAME FOR AN ELECTRICAL CONNECTOR

Priority:

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US20130945247	20130718	US20150615240	20150205	US20120700441	20121127
US20160292092	20161012				

Family:

Publication number	Publication date	Application number	Application date
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WO12103383 A3	20121026	WO2012US22795	20120126

Probable Assignee: APPLE INC

Assignee(s):[(std)]: JOL ERIC ; GOLKO ALBERT J ; MINOO JAHAN ; FRAZIER CAMERON ; GOLKO ALBERT ; MINOO JAHAN C ; JOL ERIC S ; EHPPL INK ; SCHMIDT MATHIAS ; ZENITH INVEST LLC ; ROTHKOPF FLETCHER ; TERLIZZI JEFFREY J ; SPRAGGS IAN ; SANDERS WENDEL ; SANDER WENDELL B ; SCHMIDT MATHIAS W ; SANDER WENDELL ; SPAGGS IAN ; AASE JONATHAN ; APPLE CORP ; APPLE INC

Assignee(s): APPLE INC CUPERTINO ; ZENITH INVESTMENTS LLC

Inventor(s):[(std)]: ALBERT J GOLKO ; CAMERON FRAZIER ; DZHOL EHRIK ; ERIC JOL ; FLETCHER ROTHKOPF ; FRAZIER CAMERON ; FREJZER KEMERON ; GOLKO AL BERT DZH ;

GOLKO ALBERT ; GOLKO ALBERT J ; AAS DZHONATAN ; AASE JONATHAN ; IAN SPRAGGS ; JAHAN MINOO ; JEFFREY J TERLIZZI ; JOL ERIC ; JOL ERIC S ; JONATHAN AASE ; MATHIAS SCHMIDT ; MINOC JAHAN ; MINOO JAHAN ; MINOO JAHAN C ; MINU DZHAKHAN K ; ROTHKOPF FLETCHER ; ROTHKOPF FLETCHER R ; ROTKOPF FLETCHER ; SANDER UEHNDELL B ; SANDER WENDEL ; SANDER WENDELL ; SANDER WENDELL B ; SANDERS WENDEL ; SCHMIDT MATHIAS ; SCHMIDT MATHIAS W ; SHMIDT MATIAS ; SPAGGS IAN ; SPRAGGS IAN ; SPRAGGZ AJAN ; TERLITSTSI DZHEFFRI DZH ; TERLIZZI JEFFREY J ; WENDEL SANDERS ; WENDELL B SANDER

Inventor(s): WENDELL SANDER ; TERLIZZI JEFFREY J CUPERTINO ; SPRAGGS IAN CUPERTINO ; SCHMIDT MATHIAS W CUPERTINO ; SANDER WENDELL B CUPERTINO ; ROTHKOPF FLETCHER R CUPERTINO ; MINOO JAHAN CUPERTINO ; MINOO JAHANC ; JOL ERIC S CUPERTINO ; JAHAN C MINOO ; AASE JONATHAN CUPERTINO ; GOLKO ALBERT J CUPERTINO ; FRAZIER CAMERON CUPERTINO

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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 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

International class (IPC 8–9): G02B6/36 G06F13/38 H01R107/00 H01R12/77 H01R13/05 H01R13/405 H01R13/504 H01R13/516 H01R13/58 H01R13/62 H01R13/627 H01R13/631 H01R13/64 H01R13/642 H01R13/6471 H01R13/648 H01R13/652 H01R13/658 H01R13/66 H01R24/00 H01R24/58 H01R24/60 H01R24/62 H01R24/86 H01R27/00 H01R27/02 H01R29/00 H01R35/00 H01R4/01 H01R4/58 H01R43/00 H01R43/20 H01R43/24 H01R9/05 H05K9/00 (Advanced/Invention);
G02B6/36 H01R107/00 H01R12/77 H01R13/504 H01R13/56 H01R13/627 H01R13/631 H01R13/642 H01R24/60 H01R4/01 (Advanced/Non–invention);
H01R13/516 (Core/Invention)

International class (IPC 1–7): H01R12/77 H01R13/504 H01R13/516 H01R13/627 H01R13/631 H01R13/642 H01R13/648 H01R29/00 H01R4/01

CPC: H01R24/00 G02B6/36 H01R43/20 H01R13/62 H01R13/58 H05K9/0007 H01R13/665 H01R13/6271 G02B6/3817 H01R13/6471 H01R13/516 H01R13/6485 H01R2201/06 H01R13/052 H01R13/405 H01R43/24 H01R13/05 H01R13/562 H01R13/642 H01R24/86 H01R2107/00 H01R13/6273 H01R24/60 Y10T29/49176 H01R13/658 H01R24/58 H01R29/00

European class: H01R13/05B H01R13/08 H01R13/405 H01R13/516 H01R13/627B2 H01R13/642 H01R13/6471 H01R13/648B H01R24/58 H01R29/00 H01R43/24 T01R103/00 T01R105/00 T01R107/00 T01R12/77D6 T01R13/05B T01R13/504 T01R13/631 T01R13/642 T01R201/06 T01R4/01

US class: 1/1 174/359 29/858 385/77 439/218 439/345 439/474 439/620.01 439/660 439/668 439/676 439/692 709/220 709/221 709/222 710/305 710/313 710/62 710/63 710/71

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Abstract:
Source: US2013075149A A dual orientation connector having a connector tab with first and second major opposing sides and a plurality of electrical contacts carried by the connector tab. The plurality of contacts includes a first set of external contacts formed at the first major side and a second set of external contacts formed at the second major side. The first plurality of contacts are symmetrically spaced with the second plurality of contacts and the connector tab is shaped to have 180 degree symmetry so that it can be inserted and operatively coupled to a corresponding receptacle connector in either of two insertion orientations.

0) US2006089609A – DEVICES AND METHODS FOR TISSUE MODIFICATION

36) Family number: 32202464 (US2006089609A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE MODIFICATION

Priority:

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Assignee(s): AGILENT TECHNOLOGIES INC ; ANTARES CAPITAL LP AGENT AS ; BAXANO INC MOUNTAIN VIEW ; CANTORNA NESTOR C ; EXWORKS CAPITAL FUND I LP ; QUANDARY MEDICAL LLC ; CORTLAND CAPITAL MARKET SERVICES LLC AGENT AS

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Agent(s): PEGASUS IP; BAXTER PATENT ATTORNEYS PTY LTD; IP SOLVED ANZ PTY LTD; BORDEN LADNER GERVAIS LLP; FRANKE AND PARTNER PATENT U RECHTSANWAELTE INTELLECTUAL PROPERTY LAW FIRM; DR SCHOEN NEYMEYR AND PARTNER MBB; RUHRMANN ANDREA ELIZABETH ET AL; RUHRMANN ANDREA ELIZABETH; MILLER JAMES LIONEL WOOLVERTON; PROBERT GARETH DAVID; POTTER CLARKSON LLP; LEVINE BAGADE LLP; BAXANO INC AND TOWNSEND AND TOWNSEND AND CREW; GREENBERG TRAURIG LLP (SV2); GREENBERG TRAURIG LLP SV2; SHAY LAW GROUP LLP; SHAYGLENN LLP; SHAY GLENN LLP; BAXANO C/O SHAY LAW; BAXANO C O SHAY LAW; SHAY GLEN LLP; DAVID L; GLENN BENJAMIN W ET AL; SHOOP RICHARD D 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 YU ZA ZM ZW

International class(IPC 8–9)**:** A61B1/00 A61B1/32 A61B10/00 A61B10/02 A61B17/00 A61B17/02 A61B17/14 A61B17/16 A61B17/17 A61B17/22 A61B17/26 A61B17/29 A61B17/32 A61B17/3205 A61B17/3207 A61B17/34 A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/82 A61B17/88 A61B17/90 A61B18/14 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/02 A61F11/00 A61F2/00 A61F2/30 A61F2/44 A61F2/46 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M25/09 A61M29/00 A61M5/32 A61N1/00 A61N1/05 A61N1/08 (Advanced/Invention); A61B1/313 A61B17/00 A61B17/02 A61B17/04 A61B17/06 A61B17/14 A61B17/16 A61B17/22 A61B17/295 A61B17/32 A61B17/34 A61B17/84 A61B17/88 A61B18/00 A61B18/02 A61B18/08 A61B18/14 A61B18/18 A61B18/20 A61B5/00 A61B5/0488 A61B5/107 A61B5/11 A61F2/00 A61N1/05 A61N1/36 A61N7/02 (Advanced/Non–invention); A61B1/32 A61B10/00 A61B17/00 A61B17/14 A61B17/16 A61B17/22 A61B17/24 A61B17/32 A61B17/56 A61B17/58 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/00 A61F2/44 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M5/32 A61N1/00 A61N1/05 (Core/Invention)

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US class: 1/1 128/898 128/898S 600/104 600/104P 600/204 600/210 600/210P 600/373 600/544 600/544S 600/546 600/546P 600/547 600/547P 600/554 600/554S 600/562 600/564 600/569 600/570 600/585 601/32 601/32S 604/272 604/272P 604/500 604/528 604/528P 604/533 606/1 606/103 606/103P 606/105 606/108 606/110 606/110P 606/167 606/167S 606/170 606/171 606/171P 606/176 606/177 606/1P 606/213 606/279 606/32 606/34 606/39 606/41 606/45 606/45P 606/53 606/53P 606/74 606/79 606/79P 606/79S 606/80 606/82 606/83 606/84 606/85 606/85P 606/86.00R 606/86.00RP 606/86R 606/90 606/90S 607/116 607/116S 607/117 607/117S 607/118 607/43

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Abstract:
Source: US2006089609A Methods and apparatus are provided for selective surgical removal of tissue. In one variation, tissue may be ablated, resected, removed, or otherwise remodeled by standard small endoscopic tools delivered into the epidural space through an epidural needle. The sharp tip of the needle in the epidural space, can be converted to a blunt tipped instrument for further safe advancement. The current invention includes specific tools that enable safe tissue modification in the epidural space, including a barrier that separates the area where tissue modification will take place from adjacent vulnerable neural and vascular structures. A nerve stimulator may be provided to reduce a risk of inadvertent neural abrasion.

37) Family number: 41116934 (US2008071200A) © PatBase

Title: METHODS AND SYSTEMS OF MOUNTING A VIBRATION MOTOR TO AN ADJUSTABLE BED

Priority:

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Inventor(s): MARTIN B RAWLS MEEHAN ; THE DESIGNATION OF THE INVENTOR HAS NOT YET...

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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 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

International class (IPC 8–9): A47B7/02 A47B71/00 A47B91/02 A47C17/00 A47C17/04 A47C17/86 A47C19/00 A47C19/02 A47C19/04 A47C19/12 A47C20/04 A47C20/08 A47C21/00 A47C21/02 A47C21/04 A47C21/08 A47C23/34 A47C27/08 A47C27/10 A47C31/00 A47C31/12 A61G7/00 A61G7/002 A61G7/012 A61G7/015 A61G7/018 A61G7/05 A61G7/057 A61G7/075 A61H1/00 A61H23/00 A61H23/02 A61H23/04 F16B12/12 F16B12/52 F16B12/54 G01M1/38 G05B11/01 G05B13/00 G05B15/00 G05B15/02 G05B19/05 G05D1/02 G05D1/12 G06F19/00 G06F3/041 G08B5/00 G08C17/02 G10L21/00 H03K17/94 H04B3/60 H04M11/00 H04W4/00 (Advanced/Invention); A47C20/04 A61B5/00 A61B5/11 A61G7/002 A61G7/005 A61G7/012 A61G7/015 A61G7/05 A61G7/16 A61H23/02 A61H23/04 A61H9/00 (Advanced/Non–invention); A47B71/00 A47C17/00 A47C19/00 A47C20/00 A47C23/00 A47C27/08 A47C31/00 A61G7/002 A61G7/05 A61H1/00 G05D1/02 H03K17/94 H04B3/00 (Core/Invention); A47C20/00 (Core/Non–invention)

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European class: A47C20/04A A47C20/08 A47C21/00B A47C21/00D A47C21/04 A47C31/00R A61G7/002 A61G7/015 A61G7/018 A61G7/057K K61G203/12 K61G203/16 K61G203/34 K61G7/015 K61G7/057K K61H201/01A K61H201/01F10 K61H201/01F10A K61H201/01F10B K61H201/01F8 K61H201/01L2 K61H201/12C2 K61H201/50A K61H201/50C2 K61H201/50C2B K61H201/50C2C K61H201/50F10T K61H201/50F4 K61H201/50F6 K61H201/50S4L K61H201/50W K61H203/04F K61H23/02R K61H23/02R2 K61H23/04

US class: 1/1 128/845 318/16 318/16P 340/12.22 340/12.220P 340/12.5 340/12.500P 340/12.54 340/12.540P 340/12.540S 340/3.7 340/3.700P 340/3.9 340/3.900S 340/4.4 340/5.62 340/573 340/573.1 341/20 341/20P 345/173 379/102.01 379/102.010P 5/1 5/11 5/1P 5/400 5/412 5/412S 5/600 5/600P 5/613 5/613P 5/616 5/616P 5/616S 5/617 5/617P 5/618 5/618S 5/619 5/713 56/16 601/46 601/46P 601/49 601/49S 601/56 601/59 601/60 700/13 700/17 700/19 700/275 700/275P 700/282 700/301 700/302 700/64 700/65 700/66 700/83 704/275 704/E15.045 D6/361 D6/392 D6/718 D8/349 D8/370

Locarno class: 06/06 06/02 08/05

Classification Explorer

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Abstract:
Source: US2008071200A Aspects of this invention relate to an adjustable bed that may include a motor, including a housing with a flange, an adjustable mattress support having a lateral surface, and an opening with a perimeter disposed within the lateral surface; at least one bracket coupled to the mattress support providing a lateral support surface inside the perimeter of the opening, the lateral support surface shaped and sized to laterally support the flange such that the motor is positioned to impart vibration to a mattress on the mattress support; and a resilient material disposed between the flange and the lateral support surface to provide mechanical insulation therebetween.

0) US2011175323A – TRAILER DOCKING REPOSITIONABLE SUPPORT

38) Family number: 49258381 (US2011175323A) © PatBase

Title: TRAILER DOCKING REPOSITIONABLE SUPPORT

Priority:

CA20112795971	20110519	CA20112942071	20110519	CA20142795971	20140812
US20100296995P	20100121	US20110010462	20110120	US20110316801	20111212
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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 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 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

International class (IPC 8–9): B60D1/66 B60S9/00 B60S9/02 B60S9/04 B60S9/16 B60S9/20 B60T3/00 B62D37/00 B62D53/08 B65G69/00 (Advanced/Invention); B65G69/00 (Advanced/Non–invention)

CPC: B60D1/665 B62D53/0857 B60S9/04 B65G69/003 B60S9/02 B62D53/0864 B60S9/20 B60S9/16

European class: B60D1/66B B60S9/04 B62D53/08D B62D53/08D3 B65G69/00B

US class: 1/1 188/5 280/475 280/476.1 280/476.100P 280/763.1 280/763.100P

Classification Explorer

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Abstract:
Source: US2011175323A A trailer stabilizing device for stabilizing a parked freight trailer comprising a frame having mounted thereto at least a right side wheel and a left side wheel, the frame also including a hitch, a fifth wheel, and at least one of a repositionable wheel chock and a repositionable hook, the trailer stabilizing device further including a repositioning device in order to reposition at least one of the repositionable wheel chock and the repositionable hook. The present disclosure also includes a method of stabilizing a parked trailer at a loading dock, the method comprising: (a) positioning a wheeled trailer stabilizer underneath a parked freight trailer at a loading dock while landing gear of the parked freight trailer are deployed and a kingpin of the parked trailer is accessible; (b) securing the kingpin of the parked freight trailer to a fifth wheel of the wheeled trailer stabilizer; and, (c) deploying a repositionable hook operatively coupled to the frame of the wheeled trailer stabilizer so the repositionable hook couples to a cleat mounted to the ground, where deployment of the hook is operative to exert

a pulling force on the kingpin.

0) US2008092730A – SHRAPNEL AND PROJECTILE CONTAINMENT SYSTEMS AND...

39) Family number: 32887890 (US2008092730A) © PatBase

Title: SHRAPNEL AND PROJECTILE CONTAINMENT SYSTEMS AND EQUIPMENT AND METHODS FOR PRODUCING SAME

Priority: US20040623943 20041102 US20040623943P 20041102 US20050264752 20051102 WO2005US39619 20051102 US20100711501 20100224

Family:

Publication number	Publication date	Application number	Application date
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US2008092730 AA	20080424	US20050264752	20051102
US2010147142 AA	20100617	US20100711501	20100224
US7581483 BB	20090901	US20050264752	20051102
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WO06050419 A2	20060511	WO2005US39619	20051102
WO06050419 A3	20061214	WO2005US39619	20051102
ZA200703483 A	20091230	ZA20070003483	20070430

Probable Assignee: LIFE SHIELD ENGINEERED SYSTEMS LLC

Assignee(s):(std): HALL BRUCE ; HALL BRUCE S ; LIFE SHIELD ENGINEERED SYSTEMS ; LIFE SHIELD ENGINEERED SYSTEMS LLC ; LIFE SHIELD ENGINEERING SYSTEMS LLC

Assignee(s): LIFE SHIELD ENGINEERED SYSTEMS INC

Inventor(s):(std): HALL BRUCE ; HALL BRUCE S

Inventor(s): BRUCE S HALL

Agent(s): GRIFFITH HACK; BORDEN LADNER GERVAIS LLP; FUJINO IKUO; TAKANASHI NORIMICHI; KATO NOBUAKI; OCHI TAKAO; OKABE MASAO; USUI SHINICHI; OKABE YUZURU; MILES AND STOCKBRIDGE PC; DAVID R; MICHAEL A

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

International class (IPC 8–9): B29C67/00 E04B1/98 E04B2/02 E04B9/00 E04C2/00 E04C2/02 E04C2/26 E04H E04H1/00 E04H9/00 E06B3/28 F41H5/00 F41H5/04 F41H5/08 F41H5/24 F41J13/00 F42D5/05 (Advanced/Invention);
E04B1/98 E04C2/26 E04H9/00 F41H5/00 F41H5/013 F41H5/04 (Advanced/Non–invention);
B29C67/00 E04B1/98 E04B2/02 E04B9/00 E04C2/00 E04C2/02 E04C2/26 E04H1/00

	E04H9/00 E06B3/04 F41H5/00 F41J13/00 F42D5/00 (Core/Invention); B29C E04B E04H E06B F41H (Subclass/Invention)
International class (IPC 1–7):	E04B9/00
CPC:	E04H9/10 E21D11/00 F41H5/013 F41H5/0478 F41H5/24 F42D5/045
European class:	E04H9/10 E21D11/00 F41H5/013 F41H5/04F2 F41H5/24 F42D5/045
US class:	109/80 52/309.1 52/309.13 52/309.130S 89/36.02 89/36.020P 89/36.04 89/36.040P 89/36.040S

Classification Explorer

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Forward Citations: WO17171558, WO16154014, USD798417, USD773012, US9790406, US9663983, US9598826, US9410302, US9234381, US9091511, US8950137, US8784006, US8734052, US8720314, US8713865, US8555583, US8524023, US8496404, US8479464, US8464479, US8336440, US8286540, US8151687, US8039102, US7922423, US7520207, US2017003105, US2016178329, US2013062486, US2012174746, US2011315304, US2011239566, US2011167997, US2010294121, US2010293868, US2010147142, US2010098371, US2010096075, US2009188383, US2009151791, US2009100997, US2008047210, JP2015143409, CN103950507,

Abstract:
Source: US2008092730A In accordance with an embodiment of the present invention, a blast−resistant panel may include a layer of a pre−cured elastomeric material having a predetermined thickness, a body portion, and a plurality of flanges, each of the plurality of flanges having a substantially equal width and depending away from a same side and at approximately equivalent right angles to the body portion. The blast−resistant panel may also include a plurality of fastener elements for securing the pre−cured elastomeric material layer to a surface of a structure through the plurality of flanges of pre−cured elastomeric material layer.

40) Family number: 40830573 (US2003080604A) © PatBase

Title: IN SITU THERMAL PROCESSING AND INHIBITING MIGRATION OF FLUIDS INTO OR OUT OF AN IN SITU OIL SHALE FORMATION

Priority:

US20010286062P 20010424 US20010337249P 20011024 US20020128698 20020424
US20020128697 20020424 US20020128699 20020424 US20020128700 20020424
US20020131234 20020424 US20020131154 20020424 US20020131233 20020424
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US20020131347 20020424 US20020131285 20020424 US20020131350 20020424
US20020131352 20020424

Family:

Publication number	Publication date	Application number	Application date
CA2445415 AA	20031023	CA20022445415	20020424
CA2445415 C	20110830	CA20022445415	20020424
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WO02086018 A2	20021031	WO2002US13311	20020424	
WO02086018 A3	20040115	WO2002US13311	20020424	

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Inventor(s):(std)**:** AYMOND DANNIE ANTOINE ; AYMOND JR DANNIE ANTOINE ; BASS RONALD ; BASS RONALD MARSHALL ; BAXLEY PHILIP T ; BERCHENKO ILYA E ; BERCHENKO ILYA EMIL ; BIELAMOWICZ LAWRENCE J ; BIELAMOWICZ LAWRENCE JAMES ; CARL FRED G ; CARL FREDRICK GORDON ; CARL JR FREDRICK GORDON ; COLE ANTHONY THOMAS ; COLES JOHN M ; COLES JOHN MATTHEW ; CRANE STEVE ; DE ROUFFIGNAC ERIC ; DE ROUFFIGNAC ERIC PIERRE ; FOWLER THOMAS D ; FOWLER THOMAS DAVID ; GLANDT CARLOS ; HUNSUCKER BRUCE G ; HUNSUCKER BRUCE GERARD ; KARANIKAS JOHN M ; KARANIKAS JOHN MICHAEL ; KEEDY CHARLES ROBERT ; KEEDY CHARLIE R ; LEPPER BRUCE ; MADGAVKAR AJAY M ; MADGAVKAR AJAY MADHAV ; MAHER KEVIN A ; MAHER KEVIN ALBERT ; MCKINZIE BILLY JOHN ; MCKINZIE II BILLY JOHN ; MENOTTI JAMES L ; MENOTTI JAMES LOUIS ; MESSIER MARGARET ; MIKUS TOM ; PALFREYMAN BRUCE DONALD ; PIERRE DE ROUFFIGNAC ERIC ; PLAFREYMAN BRUCE DONALD ; PRATT CHRISTOPHER ARNOLD ; PRATT KIP ; ROBERTS BRUCE ; ROUFFIGNAC ERIC PIERRE DE ; RYAN R BERT C ; RYAN ROBERT C ; RYAN ROBERT CHARLES ; SCHOELING LANNY ; SCHOELING LANNY GENE ; SHAHIN GORDON T ; SHAHIN GORDON THOMAS ; SHAHIN JR GORDON THOMAS ; STEGEMEIER GEORGE L ; STEGEMEIER GEORGE LEO ; SUMNU DINDORUK MELIHA D ; VAN HARDEVELD MARTIJN ; VAN HARDEVELD ROBERT MARTIJN ; VEENSTRA PETER ; VINEGAR HAROLD J ; VINEGAR HOROLD J ; WARD JOHN M ; WARD JOHN MICHAEL ; WATKINS RONNIE WADE ; WATKINS WADE ; WELLINGTON SCOTT L ; WELLINGTON SCOTT LEE ; ZHANG ETUAN

Inventor(s): RYAN R0BERT C

Agent(s): SMART AND BIGGAR

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

International class (IPC 8–9): C10G1/00 C10G49/00 E21B36/00 E21B42/243 E21B43/00 E21B43/24 E21B43/243 E21B43/247 E21B43/28 E21B43/30 E21B43/40 E21B47/00 E21B49/00 E21C41/24 (Advanced/Invention); E21B47/00 (Core/Invention)

International class (IPC 1–7): C01B3/24 C10G1/00 C10G47/22 C10G49/00 E21B1/00 E21B17/10 E21B19/22 E21B36/04 E21B43/00 E21B43/24 E21B43/243 E21B43/26 E21B43/295 E21B43/30

E21B43/34 E21B47/00 E21B47/06 E21C37/16 E21C37/20 E21C41/16 H05B3/80

CPC: E21B43/24 E21B43/2401 E21B43/243 E21B43/247 E21B43/30

European class: E21B43/243 E21B43/247 E21B43/30

US class: 166/242.1 166/242.100P 166/245 166/250.01 166/250.010P 166/250.07 166/250.070P 166/250.12 166/250.15 166/251.1 166/254.1 166/256 166/256S 166/257 166/261 166/264 166/266 166/267 166/271 166/272.1 166/272.100P 166/272.100S 166/272.2 166/272.3 166/272.7 166/300 166/302 166/302S 166/303 166/308 166/384 166/52 166/57 166/59 166/59S 166/6 166/60 166/60P 166/60S 299/14 299/14P 299/4 299/5 299/5P 299/6 299/7 392/301 392/301P 392/305 392/306 405/130 405/270 405/52 423/131 423/208 423/658.5 507/200 507/200P 585/1 585/2

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Abstract:
Source: US2003080604A An oil shale formation may be treated using an in situ thermal process. Fluid migration into and/or out of a treatments area in the formation may be inhibited. In some embodiments, a barrier may be used to inhibit migration of fluids into and/or out of the treatment area. Heat may be provided to the treatment area and subsequently, hydrocarbons, H2, and/or other formation fluids may be produced from the formation.

0) US2010184532A – GOLF CLUB ASSEMBLY AND GOLF CLUB HEAD WITH BAR ...

41) Family number: 46172996 (US2010184532A) © PatBase

Title: GOLF CLUB ASSEMBLY AND GOLF CLUB HEAD WITH BAR AND WEIGHTED MEMBER

Priority:

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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 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

International class (IPC 8–9): A63B102/32 A63B24/00 A63B53/00 A63B53/02 A63B53/04 A63B53/06 A63B53/10 A63B53/14 A63B55/50 A63B57/00 A63B59/00 A63B60/06 A63B60/46 A63B69/36 A63B71/06 G06F1/16 G06F17/00 G06F3/0346 G06K9/00 G06Q10/06 G09B19/00 (Advanced/Invention);
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A63B53/04 (Core/Non–invention)

CPC: A63B59/00 A63B69/3611 G06F1/1626 A63B53/02 A63B53/06 A63B2053/023 A63B2053/0416 A63B2053/0441 A63B2053/0491 A63B69/36 G06Q10/0639 A63B53/0475 A63B69/3617 G06K9/0055 G09B19/0038 A63B60/14 A63B69/3658 A63B24/0062 A63B60/42 A63B69/3608 A63B69/3614 A63B2053/0412 A63B60/52 A63B2060/002 A63B53/08 A63B2053/005 A63B24/0003 A63B24/0021 A63B53/007 A63B2053/0408 A63B2225/01 A63B60/54 A63B2053/045 A63B53/00 G06F1/1684 A63B53/0487 A61B5/1122 A61B5/6895 A61B2503/10 A61B2505/09 A63B49/035 A63B49/08 A63B53/04 A63B53/0466 A63B53/047 A63B53/10 A63B53/14 A63B59/20 A63B59/50 A63B59/70 A63B60/16 A63B60/50 A63B69/3632 A63B69/3685 A63B71/0619 A63B71/0622 A63B2053/0433 A63B2053/0437 A63B2071/0063 A63B2071/0647 A63B2071/068 A63B2102/18 A63B2102/24 A63B2209/00 A63B2220/12 A63B2220/16 A63B2220/30 A63B2220/40 A63B2220/53 A63B2220/803 A63B2220/833 A63B2225/15 A63B2225/20 A63B2225/50 A63B2225/54 G01S19/19 G06F3/0346 G06K9/00342 G06Q50/01

European class: A63B24/00A A63B24/00E A63B53/04 A63B53/04L A63B53/06 A63B59/00M A63B69/36D2 A63B69/36P2 A63B71/06D A63B71/06D2 K63B220/16 K63B220/30 K63B220/40 K63B220/53 K63B220/80C K63B220/83A K63B225/15 K63B225/20 K63B225/50 K63B53/04A6B K63B53/04A6D K63B53/04A8 K63B53/04L K63B53/04W K63B59/00T K63B69/36P2 K63B71/06D3

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Abstract:
Source: US2010184532A A golf club head includes a body having a first arm and a second arm extending outwardly therefrom. A bar has a first end connected to a free end of the first arm and a second end connected to a free end of the second arm. A weighted member is positioned along the bar.

0) US2015027204A – RESPIRATORY GAS HUMIDIFICATION SYSTEM

42) Family number: 54787764 (US2015027204A) © PatBase

Title: RESPIRATORY GAS HUMIDIFICATION SYSTEM

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Agent(s): BALDWINS INTELLECTUAL PROPERTY; ROBIC; CARTER STEPHEN JOHN; TREEBY PHILIP DAVID WILLIAM; NAGAI HIROSHI

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

International class (IPC 8–9): A61G11/00 A61M13/00 A61M16/00 A61M16/06 A61M16/08 A61M16/10 A61M16/16 A61M39/08 A61M39/10 A61M39/12 B29C53/78 F16L11/16 G01F1/69 G01F23/26 (Advanced/Invention); A61M16/00 (Advanced/Non–invention)

CPC: A61M2016/0039 A61M2205/3379 A61M2205/502 G01F23/26 G01F1/69 A61M16/0833 A61M16/108 A61M16/168 A61M2205/02 A61M2205/14 A61M2205/17 A61M2205/18 A61M2205/21 A61M2205/6018 A61M2205/6045 A61M2209/06 A61M2209/08 A61G2210/70 A61G2210/90 A61M2209/082 A61M2209/086 A61M2016/0027 A61M2016/1025 A61M2205/3389 A61M2205/505 A61M2205/6027 A61M2205/70 A61M16/0069 A61M16/06 A61M2205/60 A61M39/10 A61M2039/1022 A61M2205/3372 A61M16/0066 A61M16/0683 A61M16/0666 A61M16/0816 A61M39/08 A61M2207/00 A61M13/003 A61M39/12 A61M16/0866 A61M2205/123 A61M2205/0216 A61M2205/3334 B29C53/785 A61M16/0883 A61M16/1085 A61M2205/3653 A61M16/1045 A61M16/0003 A61B2562/16 A61M16/1095 A61G11/00 A61M16/0875 A61M16/161 A61M2016/0033 A61M2205/3368 A61M2205/50 A61M16/08 A61M16/0841 A61M2205/52 A61M16/16 A61M16/109

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Forward Citations: WO17157365, WO17095241, WO17043981, WO17036500, WO16209129, WO16204632, WO16198478, WO16125122, WO16094423, WO16080847, WO15142192, WO15060731, WO14111083, USD772388, US9707010, KR101751716, EP3119463, EP2968811, EP2928533, CN105664321,

Abstract:
Source: US2015027204A A humidification system comprises a first sensor and a second sensor. The first and second sensors are adapted to sense flow characteristics within the system. The first and second sensors are isolated from the flow by barriers formed by respective first and second sealing members. The sealing members extend through apertures formed in the system and have a portion that contacts the sensing elements of the respective first and second sensors. A cartridge can hold the sensors and provide repeatable penetration depths into a flow passage of the system. A medical tube has a composite structure made of two or more distinct components that are spirally wound to form an elongate tube. One component can be a spirally wound elongate hollow body; the other component can be an elongate structural component spirally wound between turns of the spirally wound hollow body.

43) Family number: 34708595 (US2007151390A) © PatBase

Title: FORCE AND TORQUE SENSING FOR SURGICAL INSTRUMENTS

Priority:

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Family:

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Probable Assignee: INTUITIVE SURGICAL OPERATIONS INC

Assignee(s):(std)**:** BLUMENKRANZ STEPHEN J ; COOPER THOMAS G ; DIMAIO SIMON ; DIOLAITI NICOLA ; INTUITIVE SURGICAL INC ; INTUITIVE SURGICA INC ; DUVAL EUGENE F ; GOMEZ DANIEL ; GOMEZ DANIEL H ; HALABE DANIEL J ; HOFFMAN BRIAN D ;

HASSER CHRISTOPHER J ; LARKIN DAVID Q ; INTULTIVE SURGICAL INC ; LOCKYER BRETT J ; INTUITIVE SURGICAL OPERATIONS ; MOHR CATHERINE J ; MOHR CATHERINE ; KUMAR RAJESH ; LILAGAN PAUL ; LILAGAN PAUL E ; MITRA PROBAL ; MINTZ DAVID STEPHEN ; ITKOWITZ BRANDON D ; SHAFER DAVID C ; ROGERS THEODORE W ; SCHENA BRUCE ; ROSA DAVID J ; WILLIAMS MATTHEW R ; SCHENA BRUCE MICHAEL ; SCHENA BRUCE M ; MOHR PAUL W ; MUSTAFA TABISH ; TOGNACCINI MARC E ; MUSTUFA TABISH ; NIXON THOMAS ROBERT ; ZHAO TAO ; ZHAO WENYI ; MCGROGAN ANTHONY K

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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 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

International class (IPC 8–9): A61B1/00 A61B1/002 A61B1/01 A61B1/018 A61B1/04 A61B1/045 A61B1/05 A61B1/06 A61B1/313 A61B1/32 A61B17/00 A61B17/02 A61B17/28 A61B17/29 A61B17/295 A61B17/32 A61B17/3209 A61B17/34 A61B17/94 A61B18/00 A61B19/00 A61B34/00 A61B34/20 A61B34/30 A61B34/32 A61B34/35 A61B34/37 A61B5/00 A61B5/05 A61B5/06 A61B5/151 A61B8/00 A61B8/12 A61B90/00 A61B90/10 A61B90/14 A61B90/30 A61B90/50 A61F11/00 A61M25/00 B23P11/00 B23P17/04 B25J13/02 B25J13/06 B25J13/08 B25J15/00 B25J17/00 B25J17/02 B25J18/00 B25J18/02 B25J18/06 B25J19/02 B25J19/04 B25J19/06 B25J3/00 B25J9/06 B25J9/10 B25J9/16 G01D7/00 G01L1/00 G01L1/22 G01L1/24 G05B19/04 G05B19/18 G05B19/19 G05B19/42 G06F17/00 G06F19/00 G06F3/048 G06K9/00 G06T11/40 G06T11/60 G06T17/00 G06T19/00 G06T7/00 G09B23/28 (Advanced/Invention); A61B1/00 A61B1/005 A61B1/018 A61B1/04 A61B17/00 A61B17/04 A61B17/29 A61B17/34 A61B19/00 A61B34/00 A61B34/10 A61B34/20 A61B34/30 A61B34/35 A61B34/37 A61B90/00 B25J13/08 B25J17/00 B25J18/02 B25J19/04 B25J3/00 B25J9/16 G01L1/24 (Advanced/Non–invention); A61B1/00 A61B1/005 A61B1/012 A61B1/04 A61B1/045 A61B1/06 A61B1/32 A61B17/00 A61B17/28 A61B17/32 A61B17/34 A61B17/94 A61B19/00 A61B8/00 B25J17/02 B25J3/00 B25J9/16 G01D7/00 G01L1/00 G05B19/04 G05B19/18 G05B19/19 G06F3/048 G06K9/00 G06T17/00 G09B23/00 (Core/Invention)

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US class: 1/1 128/898 128/898S 29/428 29/428S 318/568.11 318/568.2 318/568.21 345/633 382/128 600/102 600/104 600/104P 600/104S 600/106 600/106P 600/107 600/109 600/109S 600/111 600/111S 600/114 600/114P 600/117 600/118 600/118P 600/127 600/129 600/141 600/142 600/145 600/166 600/170 600/171 600/173 600/178 600/178P 600/204 600/204S 600/207 600/207P 600/407 600/424 604/264 606/1 606/10 606/108 606/108P 606/13 606/130 606/130P 606/130P 606/130S 606/15 606/16 606/1P 606/1S 606/205 606/205P 606/205S 700/245 700/245P 700/245S 700/247 700/248 700/250 700/253 700/254 700/254P 700/257 700/262 700/263 700/264 700/275 700/275S 73/862.041 73/862.044 73/862.045 73/862.045P 73/862.624 73/862.624S 74/490.01 74/490.010S 74/490.06 74/490.060P 901/14 901/14S 901/15 901/16 901/16S 901/28 901/28S 901/41 901/46 901/47 901/47S 901/9 901/9S

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Abstract:
Source: US2007151390A An apparatus, system, and method for improving force and torque sensing and feedback to the surgeon performing a telerobotic surgery are provided. Groups of axially oriented strain gauges are positioned on a distal end of an instrument shaft proximate a moveable wrist of a robotic surgical instrument to sense forces and torques at the distal tip of the instrument. Advantageously, errors due to changes in the configuration of the tip or steady state temperature variations are eliminated. Other advantageous configurations and methods are disclosed.

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Title: Energy absorbing system for fixed roadside hazards

Priority:

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Probable Assignee: EXODYNE TECH INC

Assignee(s):(std)**:** ALBRITTON JAMES R ; EXODYNE TECH INC ; EXODYNE TECHNOLOGIES INC ; TRINITY IND INC A DELAWARE COR ; TRINITY IND INC

Assignee(s): TRN INC ; TRINITY IND INC A DELAWARE CORP ; EXODYNE TECHNOLOGIES INC FORT WORTH ; TRINITY IND

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

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B60R19/00 B60R19/24 E01F15/00 (Core/Invention);
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CPC: B60R19/00 B60R2019/005 E01F15/148 H02H9/042 E01F15/0423 E01F15/146 E01F15/00

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US class: 1/1 188/375 256/13.1 256/13.100P 256/13.100S 293/133 404/10 404/10S 404/6 404/6P

Classification Explorer

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Abstract:
Source: US2001014254A An energy absorbing system with one or more energy absorbing assemblies is provided to reduce or eliminate the severity of a collision between a moving motor vehicle and a roadside hazard. The energy absorbing system may be installed adjacent to a roadside hazard such as the end of a concrete barrier facing oncoming traffic. The energy absorbing system preferably includes at least one energy absorbing element. A sled assembly is also provided with a cutter plate such that a collision by the motor vehicle with one end of the sled assembly will result in the cutter plate tearing or ripping the energy absorbing element to dissipate energy from the motor vehicle collision. The configuration and number of energy absorbing assemblies and the configuration and number of energy absorbing elements may be varied depending upon the intended application for the resulting energy absorbing system.

0) US2002151979A – DEVICES AND METHOD FOR NUCLEUS PULPOSUS AUGMENT...

45) Family number: 31880925 (US2002151979A) © PatBase

Title: DEVICES AND METHOD FOR NUCLEUS PULPOSUS AUGMENTATION AND RETENTION

Priority:

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Probable Assignee: INTRINSIC THERAPEUTICS INC

Assignee(s):(std)**:** INTRINSIC ORTHOPEDICS INC ; INTRINSIC THERAPEUTICS INC ; LAMBRECHT GREG ; KAVANAUGH SEAN ; INTRINSIC ORTHOPEDICS ; INTRINSIC THERAPEUTICS ; LAMBRECBT GREG H ; MED GENESIS INC ; MEDGENESIS INC ; LAMBRECHT GREGORY H ; REDMOND RUSSEL J ; VIDAL CLAUDE A ; LAMBRECHT GREGORY ; STONEBROOK SCOTT ; PARTIN JASON ; LAMBRECHT GREG H ; BANKS THOMAS ; BOYAJIAN THOMAS ; EINHORN JACOB ; INT ORTHOPEDIC CO LTD ; LAMBRECHT GREGG H ; MOORE ROBERT KEVIN ; TARAPATA CHRIS ; MOORE ROBERT K

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Agent(s): FB RICE; FB RICE PTY LTD; FETHERSTONHAUGH AND CO; HAINES MILES JOHN LS; S HOROWITZ AND CO; TACHIBANA KENJI; MATSUMOTO KIMIO; SAEGUSA EIJI; MASHIMO SHINICHI; TACHI YASUMITSU; KNOBBE MARTENS OLSON AND BEAR LLP; KAVANAUGH ESQ SEAN; SEAN; KAVANAUGH SEAN; S; S KAVANAUGH INTRINSIC; S KAVANAUGH

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

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A61F (Subclass/Invention)

International class (IPC 1–7): A61B17/00 A61B17/56 A61B17/58 A61B17/66 A61B17/88 A61B18/18 A61B19/00 A61B5/055 A61B5/107 A61B8/08 A61F0/00 A61F2/00 A61F2/08 A61F2/244 A61F2/28 A61F2/30 A61F2/44 A61F2/46 A61L27/00 A61M1/00 A61M37/00 B29C31/00 G01R33/28

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European class: A61B17/00P A61B17/04A A61B17/068 A61B17/3207C A61B17/32E A61B17/70 A61B17/70U2 A61B5/107J A61F2/44B A61F2/44D A61F2/46B7 A61F2/46M K61B17/00E1D K61B17/00N8 K61B17/00P11G K61B17/00P11J K61B17/00P7 K61B17/00S12 K61B17/04A30 K61B17/04A40L K61B17/04E K61B17/04K K61B17/04K5 K61B17/04T K61B17/064 K61B17/064T K61B17/22K2P K61B17/32H K61B17/34G4M K61B17/34J K61B17/70L K61B17/70U2 K61B19/46B K61B19/46D K61B5/45D K61F2/28 K61F2/28D K61F2/28H K61F2/30A1N4 K61F2/30A1W1 K61F2/30A1W20 K61F2/30A1W3 K61F2/30A1W6 K61F2/30A2K2H K61F2/30A2K2W K61F2/30A2K6H K61F2/30A2K6T K61F2/30A2K6W K61F2/30A2K9D K61F2/30A2Y1 K61F2/30A2Y21 K61F2/30A2Y22 K61F2/30A2Y3 K61F2/30A2Y3D K61F2/30A2Y3E K61F2/30A2Y3F K61F2/30A2Y3T K61F2/30A2Y4 K61F2/30A2Y5 K61F2/30A2Y6 K61F2/30A3T12 K61F2/30A3T4 K61F2/30A3W10H K61F2/30A3W10L K61F2/30A3W14 K61F2/30A3W18C K61F2/30A3W20 K61F2/30A3W28 K61F2/30A5D K61F2/30B1 K61F2/30L2A5 K61F2/30L2A9P K61F2/30L4 K61F2/30L4N K61F2/30M8 K61F2/44D4 K61F2/44D6 K61F2/44M K61F2/46A K61F2/46B35P K61F2/46B7 K61F2/46E K61F2/46M1 K61F2/46M1T K61F2/46M2 K61F2/46M3 K61F2/46M4 K61F210/00A K61F210/00D K61F210/00F K61F210/00P K61F220/00T K61F220/00T11 K61F230/00K2 K61F230/00K2H K61F230/00K6 K61F230/00K6D K61F230/00K6T K61F230/00K6W K61F230/00Y1 K61F230/00Y21 K61F230/00Y3 K61F230/00Y4 K61F230/00Y5 K61F230/00Y6 K61F250/00N2 K61F310/00A2 K61F310/00A2A K61F310/00A2E K61F310/00A2F K61F310/00A4 K61F310/00A66 K61F310/00A6E K61F310/00L33

K61F310/00L66

US class: 1/1 128/898 128/898S 264/320 264/320P 264/446 264/446S 600/594 604/165.01 604/28 604/28S 604/500 604/500P 604/506 604/907 604/907S 604/93.01 606/102 606/102P 606/102S 606/190 606/190P 606/246 606/279 606/300 606/300S 606/45 606/60 606/60P 606/75 606/75P 606/79 606/79P 606/86.00A 606/86.00R 606/86.00RP 606/86A 606/86R 606/92 606/99 623/11.11 623/11.110S 623/17.11 623/17.110S 623/17.13 623/17.130P 623/17.16 623/17.160P 623/17.160S 623/23.72 623/23.720S 623/901 623/901S 623/902 623/902S 623/908 623/908S

Classification Explorer

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Abstract:
Source: US2002151979A Systems for minimally invasive disc augmentation include an anulus augmentation component and a nucleus augmentation component. Both are suited for minimally invasive deployment. The nucleus augmentation component restores disc height and/or replaces missing nucleus pulposus. The anulus augmentation component shields weakened regions of the anulus fibrosis and/or resists escape of natural nucleus pulposus and/or the nucleus augmentation component. Methods and deployment devices are also disclosed.

46) Family number: 34621184 (US2007213813A) © PatBase

Title: STENT–VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY

Priority:

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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

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Classification Explorer

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Abstract:
Source: US2007213813A Stent−valves (e.g., single−stent−valves and double−stent−valves), associated methods and systems for their delivery via minimally−invasive surgery, and guide−wire compatible closure devices for sealing access orifices are provided.

47) Family number: 53246263 (US2013067831A) © PatBase

Title: ANCHOR BOLT DEVICES AND OPERATING METHODS FOR RESIDENTIAL AND COMMERCIAL STRUCTURES

Priority:

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Probable Assignee: SR SYSTEMS LLC

Assignee(s):(std)**:** DRUMMOND SCOTT ; DUPUY THOMAS J ; SR SYSTEMS LLC ; WALWORTH VAN T ; ZIMMERMAN STEVEN

Inventor(s):(std)**:** ZIMMERMAN STEVEN ; WALWORTH VAN T ; DUPUY THOMAS J ; DRUMMOND SCOTT

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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 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

International class (IPC 8–9)**:** E02D27/00 E02D27/28 E04B E04B1/00 E04B1/18 E04B1/24 E04B1/26 E04B1/38 E04B1/41 E04B1/92 E04B1/98 E04B7/02 E04B7/04 E04C2/52 E04C3/12 E04G21/18 E04G23/02 E04H E04H9/00 E04H9/02 E04H9/14 E04H9/16 E06B9/00 E06C1/34 (Advanced/Invention); E04B1/35 E04C3/17 E04H9/14 F16B9/02 (Advanced/Non–invention); E04B E04H (Subclass/Invention)

CPC: E06B9/00 E06B2009/005 E04H9/00 E04H9/021 E04H9/028 E04H9/029 F16B9/026 E02D27/00 E04B1/2604 E04B1/2608 E04B1/92 E04H9/027 E06C1/345 E04B1/4121 E04B1/41 E04B1/4114 E04B1/4157 E04G21/185 E04B2001/3583 E04C2003/026 E04B1/24 E04B1/2612 E04C3/17 E04B1/98 E04B9/00 E04H9/16 E04B7/045 E04B2001/2684 E04B2001/2696 E04B1/26 E04H9/14

US class: 1/1 411/388 52/105 52/167.1 52/167.3 52/220.1 52/285.1 52/293.3 52/698 52/704 52/707 52/745.21 52/92.2

Classification Explorer

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Abstract:
Source: US2013067831A An anchor bolt device includes an anchor bolt having a threaded first end and a second end. A flange portion has the threaded first end of the anchor bolt extending freely therefrom. The flange portion defines a planar surface aligned in parallel with a surface of a concrete foundation when the second end of the anchor bolt is received in the concrete foundation. A raised column projection having a threaded portion through which the threaded first end of the anchor bolt is threadably received. The raised column projection is set to a user defined position. The flange portion extends radially outward from and is integrally connected to the raised column projection. The flange portion has at least one offset tab used to position the device a defined distance away from a boundary of a concrete foundation wall. The offset tab includes a series of marks defining multiple break points.

0) US2002112443A – METHOD OF CONNECTING PARTITION PANELS

48) Family number: 8541550 (US2002112443A) © PatBase

Title: METHOD OF CONNECTING PARTITION PANELS

Priority:

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US19950450253	19950525	US19940367804	19941230	US19940367802	19941230
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Family:

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Inventor(s): BENJAMIN G SWAW ; DAVID A SHIPAMAN ; DAVID A SCHIPMAN ; ACKERLY AC ; T P FLANIGAN ; CHARLES ASEIBER ; David A. ; DAVID DEAN MCCLANAHAN ; DAVID DEAN MACCLANAHAN ; DR GERHARD SELBERT ; ELDON ; etc. ; Ernest P. ; FRANK FRIED MAN ; GREER EP ; Greer ; III JAMES B ; TANIS JA DRAUDT GR ; THEODORE P FLANIGAN ; TINGLEY ; Shipman ; SHIPMAN DA ; SEAN MCORCORRAN ; JONATHAN JKING ; KARL JMEAD ; LEON DSEGAL ; Luchetti ; LUCHETTI RJ ; PAUL BSIEBER ; ROBERT DRAUDT GREGG ; Robert J. ; ROBERT PARKO ; JAMES III BENDER ELDON ; JAMES BENDER ELTON III

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Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GN GR HU 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 UZ VN YU ZW

International class (IPC 8–9): A47B21/00 A47B47/02 A47B5/00 A47B57/42 A47B83/00 A47B83/04 A47B87/00 A47B96/02 A47B96/04 A47B96/06 A47B97/00 A47F10/00 C08J11/04 C08J11/06 C08L95/00 E04B2/74 E04B2/76 E04B2/78 E04C2/00 E04C2/30 E04C2/52 E04F11/00 E04F15/024 E04H1/00 E04H1/06 E06B3/50 F24F13/08 (Advanced/Invention); A47B87/00 C08J11/04 C08J11/08 C08L95/00 E04C2/30 F24F13/08 (Advanced/Non–invention); A47B47/00 A47B57/00 A47B83/00 A47B87/00 A47B96/00 A47B96/06 A47B97/00 E04B2/74 E04C2/30 E04C2/52 E04F11/00 E06B3/32 F24F13/08 (Core/Invention)

International class (IPC 1–7): A47B05/00 A47B1/00 A47B5/00 A47B83/00 A47B83/04 A47B97/00 A47F10/00 C08J11/04 C08J11/06 C08L17/00 C08L95/00

CPC: C08L19/003 C08L95/00 E04B2/745 F24F13/08 F24F13/082 H02G3/288 E04B2002/7464 E04F15/024 A47B47/025 E04B2/7401 Y10S52/13 Y10T403/557 Y10T403/591 Y10T403/4662 E04B2/7424 A47B57/425 A47B96/04 A47B96/06 E04B2/7425 E04B2/7433 E04B2/7448 E04B2/7453 E04B2/7455 E04B2002/7461 E04B2002/7462 E04B2002/7466 E04B2002/747 E04B2002/7483 E04B2002/7487 E04B2002/749 E04F11/00 E06B3/5045 A47B21/06 A47B21/00 A47B83/001 A47B96/02 A47B96/022 A47B96/067 A47B2021/066 A47B2037/005 A47B2200/0069 A47B2200/01 E04B2/7422 E04B2002/7488

European class: A47B21/00 A47B21/06 A47B47/02R A47B47/02R6 A47B57/42B A47B83/00B A47B96/02 A47B96/02C A47B96/04 A47B96/06 A47B96/06R C08L95/00 E04B2/74B E04B2/74C3D E04B2/74C3D1 E04B2/74C3D2 E04B2/74C3E E04B2/74C4 E04B2/74C4B E04B2/74C5 E04B2/74C5B E04F11/00 E04F15/024 E06B3/50F F24F13/08 H02G3/28W2 K47B200/00D1B K47B200/01 K47B21/06E K47B37/00L M08L19/00B P04B2/74F P04B2/74F2 P04B2/74F2A P04B2/74F3 P04B2/74F5 P04B2/74P P04B2/74Q P04B2/74R P04B2/74S R24F13/08C

US class: 160/196.1 211/26 361/826 40/605 40/606 403/252 403/297 403/322 403/322.1 5/222.07 5/223.81 52/126.3 52/126.4 52/220.7 52/220.700S 52/238.1 52/239 52/241 52/243 52/271 52/284 52/36.1 52/36.4 52/36.5 52/36.6 52/481.2 52/483.1 52/489.2 52/506.01 52/582.1 52/584.1 52/653.1 52/656.9 52/713 52/714 52/745.1 52/745.12 52/745.13 52/745.130P 52/DIG.13 521/41 521/44.5 522/410 522/840 524/59 524/68 524/69 524/71 527/140

Classification Explorer

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Abstract:
Source: US2002112443A A freestanding portable partition panel system is provided for open office spaces and the like. Each panel includes a partition frame having vertical upright frame members positioned adjacent opposite side edges thereof, and multiple horizontal frame members attached to the upright frame members in a vertically spaced−apart relationship to rigidly interconnect the same. One or more horizontal rows of discrete slots are defined in each of the horizontal frame members. Cover panels are mounted on the partition frames that permit access to the slots, and off−module connectors with hooks are provided for engaging the slots for interconnecting furniture units in off−module positions. For example, the hooks of the connectors are engaged with selected slots to hold a furniture unit, such as a partition panel, perpendicular to a second partition panel in an off−module position on its face.

0) US2012229615A – ENDOSCOPE CIRCUIT BOARD ASSEMBLY

49) Family number: 51294065 (US2012229615A) © PatBase

Title: ENDOSCOPE CIRCUIT BOARD ASSEMBLY

Priority:

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Probable Assignee: ENDOCHOICE INNOVATION CT LTD

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Assignee(s): AVI LEVY ; ENDO CHOICE INNOVATION CENTER LTD ; YANIV KIRMA

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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 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

International class (IPC 8–9): A61B A61B1/00 A61B1/005 A61B1/012 A61B1/015 A61B1/018 A61B1/04 A61B1/045 A61B1/05 A61B1/06 A61B1/07 A61B1/12 A61B1/31 A61B19/00 A61B5/00 A61B5/06 A61B90/00 A61B90/90 A61M13/00 A61M3/02 G02B13/00 G02B13/04 G02B13/06 G02B23/24 G02B23/26 G02B9/60 H04N5/04 H04N5/225 H04N5/232 H04N5/268 H04N5/77 H04N5/91 H04N7/18 H04N9/47 H05B33/08 (Advanced/Invention); A61B1/018 A61B1/06 A61B1/12 A61B1/31 G02B13/06 G02B23/24 H04N5/225 (Advanced/Non–invention);

A61B (Subclass/Invention)

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Classification Explorer

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Abstract:
Source: US2012229615A There is provided herein a circuit board assembly for a tip section of a multi−camera endoscope comprising a camera circuit board configured to carry at least one front−pointing camera and at least one side−pointing camera, a flexible illuminator circuit board comprising at least one foldable panel and configured to carry at least one front illuminator for essentially illuminating the field of view (FOV) of the front−pointing camera and at least one side illuminator for essentially illuminating the FOV of the side−pointing camera.

0) US2008148549A – SYSTEM AND METHOD FOR CREATING MICRO/NANO WIND ...

50) Family number: 41950190 (US2008148549A) © PatBase

Title: SYSTEM AND METHOD FOR CREATING MICRO/NANO WIND ENERGY GATHERING DEVICES

Priority:

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Probable Assignee: TAMIRAS PER PTE LTD LLC

Assignee(s):(std)**:** FEIN GENE ; FEIN GENE S ; GENEDICS CLEAN ENERGY LLC ; GENEDICS LLC ; MERRITT EDWARD ; GLOUSTER APPLIC L L C

Assignee(s): TAMIRAS PER PTE LTD LLC ; SILICON VALLEY BANK ; GLOUSTER APPLICATIONS LLC ; ALTERNATIVE ENERGY RESOURCES INC

Inventor(s):(std)**:** EDWARD MERRITT ; FEIN GENE ; FEIN GENE S ; GENE FEIN ; MERRITT EDWARD

Agent(s): BORDEN LADNER GERVAIS LLP; DRIVER VIRGINIA ROZANNE; HAMILTON BROOK SMITH AND REYNOLDS PC; BRUNDIDGE AND STANGER PC; WAKIMURA MARY LOU ET AL; CARROLL ALICE O 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 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

International class (IPC 8–9): B21K25/00 B60K1/00 B60K16/00 B60L8/00 B82B3/00 C02F1/04 C02F1/14 C02F1/16 C02F103/08 C02F9/02 C02F9/10 E01F1/00 F01K7/04 F02D20/12 F03D1/04 F03D11/00 F03D3/02 F03D7/00 F03D9/00 F03D9/02 F03D9/25 F03G4/02 F03G7/00 F03G7/02 F03G7/04 F03G7/05 F03G7/08 F16L1/028 F16L1/06 F24J3/08 F25B30/00 F25D31/00 F28F1/14 G01R21/00 G01R21/133 G02B5/10 G06F17/30 G07B15/00 H01L31/00 H01L31/042 H01L31/05 H02J1/10 H02J3/00 H02J3/38 H02J4/00 H02J7/00 H02J7/14 H02J7/35 H02K7/18 H02N2/18 H02N6/00 H02P9/00 H02P9/04 H05K13/04 H05K3/30 (Advanced/Invention); C02F103/08 H01L25/00 (Advanced/Non–invention); B21K25/00 B60K1/00 B60K16/00 B60L8/00 B82B3/00 C02F1/04 C02F1/14 C02F1/16 C02F9/02 C02F9/08 F01K7/00 F03D1/00 F03D11/00 F03D7/00 F03D9/00 F03G4/00 F03G7/00 F24J3/00 F25B30/00 G01R21/00 G02B5/10 G06F17/30 H01L31/05 H02J1/10 H02J3/00 H02J3/38 H02J4/00 H02J7/00 H02J7/14 H02K7/18 H02N2/18 H02N6/00

H02P9/00 H02P9/04 H05K13/04 (Core/Invention); H01L25/00 (Core/Non-invention)

CPC: F03G7/00 Y10S415/907 Y02E60/721 Y04S10/126 Y02E10/34 G06Q50/06 E01C11/26 F03D3/02 F05B2240/214 F05B2240/40 H02J3/38 H02J7/1423 Y02E10/763 F05B2220/61 Y02E70/10 Y02E10/465 Y02T10/6269 B60L2230/22 B60L11/1838 B60L11/1846 B60L11/1848 Y02T90/128 Y02T90/163 Y02T90/169 Y04S30/14 F03D1/04 B60K2016/003 B60K2016/006 B60L8/006 B60L11/1824 B60L2230/24 Y02T10/7005 Y02T90/14 B60L11/1816 Y02E40/76 Y04S10/545 H02J7/35 B60L2200/26 C02F1/04 B01D1/0011 B01D1/0035 B01D1/0058 B01D5/006 B60L8/00 C02F1/001 C02F1/047 C02F1/14 C02F1/16 C02F2103/08 C02F2201/009 F05B2240/911 F05B2240/9113 F05B2240/941 F24J3/081 Y02E10/12 Y02E10/728 Y02T10/7083 H02S10/10 H02S20/00 H02S99/00 H02S20/21 Y02E10/72 Y02T10/7094 Y02T10/90 Y02E10/725 Y10T29/49002 Y10T29/49009 Y10T29/4913 Y10T29/4932 Y10T29/5313 F03D3/005 B82Y15/00 F05B2240/212 F05B2250/25 F05B2250/82 F05B2250/84 Y02B10/30 Y02E10/74 Y10T307/50 Y10T307/642 Y10T307/718 Y02B10/70 Y02P70/34 Y02P70/523 F03D9/11 B60K16/00 F03D13/20 B60L8/003 Y02T90/121 H02J4/00 H02J3/382 H02J3/383 H02J3/386 Y02T90/12 F03D9/25 F03D9/255 Y02T10/7088 F03D9/007 H02J7/1438 Y02E10/563

European class: B01D1/00B B01D1/00B4B B01D1/00B8 B01D5/00H10 B60K16/00 B60L11/18L4 B60L11/18L7 B60L11/18L7J B60L11/18L7J10 B60L11/18L7J8 B60L8/00 B60L8/00B B60L8/00D B82Y15/00 C02F1/04 E01C11/26 F03D1/04 F03D11/04 F03D3/00D F03D3/02 F03D9/00C F03D9/00C2 F03D9/00E F03D9/02B F03G7/00 F03G7/08 F24J3/08A G06Q50/06 H01L31/042 H01L31/042C H01L31/058B H02J3/38 H02J7/14D H02J7/14E H02N6/00 L60K16/00A L60K16/00B L60L200/26 L60L230/22 L60L230/24 M02F1/00D M02F1/04P M02F1/14 M02F1/16 M02F103/08 M02F201/00P R05B220/61 R05B240/212 R05B240/214 R05B240/40 R05B240/911 R05B240/9113 R05B240/941 R05B250/25 R05B250/82 R05B250/84 R24J3/08A T01L31/042B Y02B10/30 Y02B10/70 Y02E10/12 Y02E10/34 Y02E10/46U Y02E10/50 Y02E10/72 Y02E10/72H Y02E10/72N Y02E10/74 Y02E10/76B Y02E70/10 Y02T10/62F12 Y02T10/70B Y02T10/70J2B Y02T10/70J4B Y02T10/90 Y02T90/12 Y02T90/12B Y02T90/12L Y02T90/14 Y02T90/16D Y02T90/16F4 Y04S30/14

US class: 136/243 136/243S 136/244 136/251 136/252 136/252S 165/183 165/183S 165/45 165/45P 180/165 180/2.2 180/2.200P 180/65.3 201/31 201/31S 202/84 202/84S 203/10 203/10S 210/175 210/175S 210/799 250/203.4 29/592.1 29/592.100P 29/596 29/729 29/729S 29/832 29/889.2 29/889.200S 290/1.00R 290/1.00RP 290/1.00RS 290/1R 290/2 290/4.00RP 290/43 290/44 290/44P 290/44S 290/4R 290/52 290/52S 290/53 290/54 290/55 290/55P 290/55S 307/10.1 307/10.100S 307/149 307/43 307/69 307/69P 307/84 307/84S 310/339 320/101 320/101S 359/853 361/235 361/235S 404/71 404/71S 405/184.4 405/184.400S 415/4.2 415/4.3 415/60 415/907 416/120 416/203 416/9 416/9P 60/641.2 60/641.200S 60/641.3 60/641.300P 60/641.6 60/641.600S 60/641.7 60/641.700P 60/641.8 60/641.800S 62/238.7 62/238.700S 62/260 62/260S 705/412 705/412P 903/903 903/903S 977/840 977/840S 977/948

Classification Explorer

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Forward Citations: WO17137858, WO15152847, WO15134409, WO15092485, WO13083131, WO13041907, WO13037348, WO13025574, WO13025574, WO12174318, WO12134495, WO12098332, WO12030680, WO11153578, WO11151677, WO11060515, WO10144595, USD774450, USD754064, USD751976, USD671070, USD657738, USD657737, USD657736, USD657735, USD626686, USD611405, USD611404, US9806563, US9804625, US9799084, US9791217, US9786020, US9779461, US9777449, US9768665, US9766644, US9740227, US9738291, US9735711, US9729012, US9729011, US9729010, US9704206, US9689372, US9678522, US9657998, US9651973, US9647487, US9644611, US9644610, US9639103, US9618215, US9563248, US9563215, US9552682, US9548695, US9541066, US9525285, US9518787, US9513648, US9505317, US9465398, US9465397, US9461471, US9437058, US9429974, US9424697, US9422922, US9419451, US9418393, US9407024, US9396462, US9393878, US9379559, US9365438, US9348381, US9347428, US9243611, US9231405, US9225173, US9216687, US9207698, US9202396, US9184694, US9183747, US9182244, US9177323, US9153847, US9151273, US9143842, US9142967, US9133820, US9133585, US9130402, US9114719, US9088055, US9077280, US9070173, US9068305, US9059601, US9030153, US9027288, US9020653, US9008852, US8996419, US8996418, US8983669, US8981202, US8979472, US8967946, US8940997, US8930038, US8925260, US8907614, US8907202, US8890505, US8875450, US8862279, US8849715, US8841881, US8836539, US8806866, US8806239, US8805552, US8791596, US8763390, US8733095, US8733094, US8725330, US8713929, US8677744, US8674531, US8669667, US8667792, US8661808, US8627658, US8583551, US8581550, US8578708, US8554386, US8551343, US8550405, US8548637, US8539763, US8536725, US8519257, US8508058, US8497595, US8495872, US8487469, US8479505, US8479502, US8474255, US8468815, US8449726, US8448433, US8443794, US8432053, US8427000, US8381464, US8378518, US8362641, US8358030, US8344534, US8344529, US8328499, US8319358, US8315930, US8275489, US8250863, US8245508, US8242630, US8240146, US8240140, US8234863, US8234862, US8225606, US8212408, US8191362, US8171728, US8154140, US8122718, US8117842, US8109085, US8104274, US8104203, US8087897, US8080901, US8067878, US8067846, US8046990, US8037678, US8022667, US7963110, US7958731, US7950143, US7949492, US7909567, US7900444, US7893552, US7847422, US7844568, US7844370, US7812472, US7800036, US7741727, US7737571, US7638891, US7635924, US7576444, US7566980, US7547984, US7525210, US7501713, US7498684, US7495351, US7492053, US2016248301, US2016243983, US2016032889, US2015322920, US2015318706, US2015276325, US2015159630, US2015123817, US2015123478, US2015113987, US2015098795, US2014367972, US2014319913, US2014312742, US2014300111, US2014265598, US2014180884, US2014158013, US2014021723, US2013342021, US2013317959, US2013251526, US2013251451, US2013153398, US2013113413, US2013106191, US2013030581, US2012302228, US2012293109, US2012292915, US2012292912, US2012228963, US2012201687, US2012181796, US2012136705, US2012133149, US2012116603, US2012106655, US2012045314, US2012031963, US2012000762, US2011301770, US2011290636, US2011250015, US2011215584, US2011210557, US2011166718, US2011127946, US2011113705, US2011108233, US2011099111, US2011094500, US2011074605, US2011073714, US2011062913, US2011062717, US2011049992, US2011025071, US2011021134, US2011006540, US2011004350, US2010314876, US2010314509, US2010295315, US2010295314, US2010289269, US2010288212, US2010276940, US2010252088, US2010231050, US2010231046, US2010220467, US2010200191, US2010187828, US2010181957, US2010161517, US2010161483, US2010161393, US2010156349, US2010156189, US2010154785, US2010154216, US2010139736, US2010133849, US2010117370, US2010072753, US2010060011, US2010039062, US2010006356, US2010000596, US2010000516, US2010000134, US2009230916, US2009224606, US2009212633, US2009200869, US2009196750, US2009189452, US2009076790, US2009055300, US2009015015, US2008246284, US2008163919, US2008154801, US2008154800, US2008152492, US2008150298, US2008150296, US2008150295, US2008150291, US2008150290, US2008150289, US2008150288,

US2008150286, US2008150284, US2008149573, US2008149403, US2008149302, US2008148733, US2008148732, US2008148549, US2008039980, US2007299629, KR101042704, JP2011033233, ITRM20110527, ITPN20090024, ITCA20110002, GB2529014, GB2486397, FR3046204, FR3016257, FR2970526, FR2948611, EP2487804, EP2377712, CN105370499, CN104870811, CN104737660, CN104039586, CN103626261, CN103321851, CN103061989, CN102996361, CN102996360, CN102704417, CN102575647, CN102434398, CN102374130, CN102372371, CN102352821, CN102242687, CN102025260, CN101986506, CN101860090, CN101797893, AU2010289837,

Abstract:
Source: US2008148549A Method and system for manufacturing small wind energy gathering devices, for example, of geometrical dimensions tip to $1/8^{th}$ of an inch (microdevices), employing micro−fabrication techniques. For example, three−dimensional single chemical composition parts of a small wind energy gathering device are manufactured using two−photon three dimensional lithography. Preferably, a plurality of such parts are manufactured in parallel, thereby optimizing the production process. The plurality of parts may be handled and assembled using precision instruments such as micro−tweezers, micro−scissors, and holographic lasers. Nanowires may be used to interconnect a plurality of the microdevices together, or to connect components of a particular microdevice. These nanowires are produced in nanowire arrays and are attached to a common base structure. Additionally, a form of injection molding and polymer materials may be utilized in the manufacturing of the small wind energy gathering devices (microdevices), which provide protective coatings and surfaces of reduced friction.

0) US2010112815A – FLUID STORAGE AND DISPENSING SYSTEMS AND PROCES...

51) Family number: 33995780 (US2010112815A) © PatBase

Title: FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES

Priority:

EP20060772070	20060605	JP20080515791	20060605	US20050687896	20050606
US20050687896P	20050606	US20060915996	20060605	JP20080515791T	20060605
WO2006US21622	20060605	US20100915996	20100106	US20110149844	20110531
US20150744202	20150619	US20150812651	20150729		

Family:

Publication number	Publication date	Application number	Application date
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WO06133026 A3	20080103	WO2006US21622	20060605
WO06133026 C2	20070215	WO2006US21622	20060605

Probable Assignee: ENTEGRIS INC

Assignee(s):(std)**:** BRESTOVANSKY DENNIS ; MIKKELSEN KIRK ; HOYT TIM ; HAAPALA ROBERT ; GEROLD JASON ; KINGERY JOHN R ; JANCSEK JOHN ; ENTEGRIS INC ; O DOUGHERTY KEVIN T ; NESDAHL KEVIN ; WARE DONALD D ; SMITH MATTHEW ; NELSON GREG ; OBERG RUSSELL ; TOM GLENN M ; ADVANCED TECH MAT INC ; ADVANCED TECH MATERIALS ; TOKYO ELECTRON LTD

Assignee(s): ADVANCED TECHNOLOGY MATERIALS INC ; TOKYO ELECTRON LIMITED ; GOLDMAN SACHS BANK USA COLLATERAL AGENT AS

Inventor(s):(std)**:** BRESTOVANSKY DENNIS ; DENNIS BRESTOVANSKY ; DONALD D WARE ; GEROLD JASON ; GLENN M TOM ; GREG NELSON ; HAAPALA ROBERT ; HOYT TIM ; JANCSEK JOHN ; JASON GEROLD ; JOHN JANCSEK ; JOHN R KINGERY ; KEVIN NESDAHL ; KEVIN T O DOUGHERTY ; KINGERY JOHN R ; KIRK MIKKELSEN ; MATTHEW SMITH ; MIKKELSEN KIRK ; NELSON GREG ; NESDAHL KEVIN ; O DOUGHERTY KEVIN T ; OBERG RUSSEL ; OBERG RUSSELL ; ROBERT HAAPALA ; RUSSELL OBERG ; SMITH MATTHEW ; TIM HOYT ; TOM GLENN M ; WARE DONALD D

Inventor(s): O'DOUGHERTY KEVIN T ; MIKKELSEN KIRK AND

Agent(s): ABG PATENTES SL; ABG PATENTES S L; INABA YOSHIYUKI; VIERING JENTSCHURA AND PARTNER LLP; INTELLECTUAL PROPERTY / TECHNOLOGY LAW; INTELLECTUAL PROPERTY TECHNOLOGY LAW; CHRISTENSEN FONDER PA

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 RS 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

International class (IPC 8–9): B01J4/00 B23P11/00 B23P19/04 B65D17/34 B65D35/56 B65D41/06 B65D77/04 B65D83/00 B67D1/08 B67D1/12 B67D5/00 B67D7/00 B67D7/02 B67D7/06 B67D7/08 B67D7/10 B67D7/32 B67D7/34 B67D7/72 B67D99/00 F16K35/00 F16K35/02 F16L37/08 G05D7/00 H01L21/00 H01L21/30 (Advanced/Invention); B67D1/08 B67D7/08 B67D7/34 B67D7/72 H01L21/00 (Advanced/Non–invention)

International class (IPC 1–7): B67D5/00

CPC: B67D7/32 B67D7/344 Y10T29/49826 Y10T29/53 B67D7/34 B67D7/3281 F16L37/08 B67D7/0288 B67D7/0261 B67D7/3227 F16K35/00 F16K35/025

European class: B67D7/02E4B B67D7/02G B67D7/32 B67D7/34C

US class: 1/1 220/270 220/270S 220/293 220/293S 222/1 222/105 222/105S 222/153.03 222/153.030S 222/153.09 222/191 222/191S 222/1P 222/1S 222/23 222/23S 222/399 222/399S 222/40 222/81 222/81S 257/E21.211 257/E21.211S 285/38 29/428 29/428S 29/700 29/700S 438/689 438/689P 438/758 438/758S 700/283 700/283S

Classification Explorer

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Forward Citations: WO17154231, WO16130866, WO14210154, WO13096579, WO13074923, WO13055988, WO11085012, WO11046802, WO11046802, WO11036627, WO11036627, WO09032771, WO09032771, WO08155483, WO08155483, USD765469, USD702128, US9802808, US9802807, US9802749, US9739272, US9695985, US9650169, US9637300, US9631774, US9625434, US9597881, US9586188, US9568150, US9556012, US9522773, US9359711, US9296212, US9290296, US9211993, US9156670, US9150961, US9126749, US9120616, US9102509, US9079758, US9073028, US9062828, US9051163, US9038855, US8919391, US8905266, US8887959, US8884301, US8844774, US8733598, US8697215, US8678234, US8556183, US8523436, US8511512, US8460503, US8319224, US8282267, US8277745, US8133748, US8100293, US2016185494, US2015321897, US2015175399, US2015121715, US2015041555, US2015013834, US2014360135, US2014256234, US2014197180, US2014034671, US2013256333, US2013175304, US2012245729, US2012003414, US2011232842, US2011226806, US2011210148, US2011187028, US2011114665, US2011095027, US2009269871, US2009219780, US2009109143, TWI596057, TWI456128, TWI455857, TWI379799, KR101305145, JP5995213, JP5588574, JP5416117, JP2017159196, JP2015501766, JP2015226970, JP2015042568, JP2014533995, JP2014511292, JP2014505637, JP2013516319, JP2011519329, JP2011098736, JP2010537903, JP2010247878, JP2008542147, EP2766281, EP2669213, CN105927814, CN105705455, CN105531203, CN105384135, CN105377717, CN104816877, CN104114454, CN104114454, CN103991432, CN103974882, CN103946125, CN103675155, CN103675155, CN103189302, CN103189302, CN102791383, CN102548868, CN102548868, CN101970311,

Abstract:
Source: US2010112815A Fluid storage and dispensing systems and processes involving various devices, structures and arrangements, as well as techniques and methods, for fluid storage and dispensing, including, without limitation, pre−connect verification couplings that are usefully employed in application to fluid storage and dispensing packages, to ensure proper coupling and avoid fluid contamination issues, empty detect systems that are usefully employed for fluid storage and dispensing packages incorporating liners that are pressure−compressed in the fluid dispensing operation, ergonomically enhanced structures for facilitating removal of a dispense connector from a capped vessel, cap integrity assurance systems for preventing misuse of vessel caps, and keycoding systems for ensuring coupling of proper dispense assemblies and vessels. Fluid storage and dispensing systems are described, which achieve zero or near−zero headspace character, and prevent or ameliorate solubilization effects in liquid dispensing from liners in overpack vessels.

0) US2004060200A – SELF–ADJUSTING SNOW PLOW

52) Family number: 28542904 (US2004060200A) © PatBase

Title: SELF–ADJUSTING SNOW PLOW

Priority:

US20010404164 20011112 US20030404164 20030331 US20040850141 20040519
US20040556429 20041115 US20040841740 20040520 US20040841740 20040507
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US20060556450 20061103 US20060556542 20061103

Family:

Publication number	Publication date	Application number	Application date
CA2466873 AA	20040512	CA20012466873	20011112
CA2466873 C	20070116	CA20012466873	20011112
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US2007266600 AA	20071122	US20060556542	20061103
US2010229432 AA	20100916	US20100788736	20100527
US2011192061 AA	20110811	US20100845202	20100728
US2011277357 AA	20111117	US20110190101	20110725
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US7669353 BB	20100302	US20060556439	20061103
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US7676963 BB	20100316	US20060556461	20061103
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US8069590 BB	20111206	US20100788736	20100527	
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WO03041482 A2	20030522	WO2001US47125	20011112	
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Probable Assignee: AGRI COVER INC

Assignee(s):(std)**:** AGRI COVER INC ; SCHMEICHEL CHARLES ; SCHMEICHEL CHARLES M

Assignee(s): CHARLES SCHMEICHEL ; CHARLES SCHMEICHEL M

Inventor(s):(std)**:** SCHMEICHEL CHARLES M

Inventor(s): SCHMEICHEL CHARLES

Agent(s): MACRAE AND CO; MOORE HANSEN AND SUMNER PLLP; MOORE AND HANSEN PLLP; ROBERT C; MOORE AND HANSEN PLLC

Designated states: CA US

International class (IPC 8–9): B23P11/00 E01F5/04 E01H5/02 E01H5/04 E01H5/06 (Advanced/Invention); E01H5/04 (Core/Invention)

International class (IPC 1–7): E01H4/00 E01H5/04 E01H5/06

CPC: E01H5/066 Y10T29/49947 E01H5/06 E01H5/061 E01H5/062

European class: E01H5/06 E01H5/06B E01H5/06B2 E01H5/06D2

US class: 172/272 172/753 172/811 172/816 172/817 172/834 29/525.01 29/525.010S 37/231 37/231P 37/232 37/232P 37/233 37/266 37/267 37/268 37/268P 37/270 37/283

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Abstract:
Source: US2004060200A A self–adjusting snow plow for use with pickup trucks and sport utility vehicles is disclosed. The snow plow includes a mounting apparatus for attachment to a vehicle and a plow blade having first and second ends, a top, a bottom, a plurality of retention members and a rubber scraper. The mounting apparatus includes a pair of mounting uprights and a hitch tongue which is easily mounted in a hitch receiver which is secured to the front of a vehicle. The retention members are constructed and arranged to at least partially encircle one of the respective mounting uprights when the plow blade is engaged with the mounting apparatus in a working orientation such that the plow blade is in contact with the ground or objects on the ground. Each of the respective retention members is slidably engaged with one of the respective mounting uprights when the plow blade is in a working orientation. The retention members allow the respective ends of the plow blade to slide upward relative to the mounting upright most proximate to that end of the plow while the other end of the plow remains generally in the same position relative to the mounting upright proximate that end of the plow blade. The retention members also permit the bottom of the plow blade to freely pivot away from the respective mounting uprights when the plow blade is engaged with the mounting apparatus in a working orientation and the vehicle is in motion in a direction rearward of the plow blade.

0) US2008115414A – ADJUSTABLE HEIGHT PLANTER WITH AN OPTIONAL WATE...

53) Family number: 41819582 (US2008115414A) © PatBase

Title: ADJUSTABLE HEIGHT PLANTER WITH AN OPTIONAL WATERFALL, AND/OR AN ADJUSTABLE IRRIGATION SYSTEM FOR CONTROLLABLY WATERING THE PLANTER AND SURROUNDING TERRAIN

Priority: US20060867108P 20061122 US20070868534 20071007 US20070868534 20071008 US20080026553 20080205 US20080164075 20080629 US20110036962 20110228 WO2007US85197 20071120 US20140274653 20140509

Family:

Publication number	Publication date	Application number	Application date
CA2669411 AA	20090512	CA20072669411	20071120
MX2009005430 A1	20091013	MX20090005430	20071120
US2008115414 AA	20080522	US20070868534	20071008
US2009090051 AA	20090409	US20080026553	20080205
US2009090895 AA	20090409	US20080164075	20080629
US2012047801 AA	20120301	US20110036962	20110228
US2014318007 AA	20141030	US20140274653	20140509
US7770324 BB	20100810	US20070868534	20071008
US8136296 BB	20120320	US20080026553	20080205
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WO09099977 A1	20090813	WO2009US32781	20090201
WO10008927 A1	20100121	WO2009US49123	20090629

Probable Assignee: HOGAN JAMES

Assignee(s):(std)**:** HOGAN JAMES ; HOGAN JR JAMES

Assignee(s): JAMES HOGAN

Inventor(s):(std)**:** HOGAN JAMES ; HOGAN JR JAMES

Inventor(s): JAMES HOGAN

Agent(s): FINLAYSON AND SINGLEHURST; MARK YOUNG PA; MARK; YOUNG MARK

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 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

International class (IPC 8–9): A01G25/00 A01G25/02 A01G27/06 A01G9/02 A01G9/12 A01K1/00 A01K5/00 A47G7/02 A47G7/04 B66D1/00 B66F13/00 F16M11/18 G09F17/00 (Advanced/Invention); A01G25/00 A01G25/02 A01G27/00 A01G9/02 A01G9/12 A47G7/00 B66D1/00 B66F13/00 (Core/Invention)

CPC: A01G9/023 F16M11/18 A01K1/00 A01K5/00 A01G27/003 A01G9/022 A47G7/041 A47G7/044 F21V21/38

European class: A01G27/00D A01G9/02C A47G7/04B A47G7/04D

US class: 119/416 119/428 119/51.01 119/51.5 248/157 248/158 254/1 254/1S 254/266 254/266P 40/606.14 416/146R 47/39 47/48.5 47/48.500S 47/65.5 47/65.500S 47/66.6 47/66.600P 47/66.7 47/666 47/67 47/79 47/79S 47/82 47/82S 47/83 47/86 47/86S

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Abstract:
Source: US2008115414A A planter system includes an adjustable height and angular orientation planter and an optionally adjustable irrigation system for controllably supplying water to the planter and/or surrounding terrain. The planter is configured to controllably travel up and down a vertical support, such as a section of a planter pole or other suitable vertical support structure, from a highest to a lowest position using a pulley and winch, block and tackle, rotating shaft, continuous pulley driven belt, continuous sprocket driven chain, lead screw, ball screw, a ballast, hydraulics, pneumatics, spring or other lifting subsystem. The irrigation system may be configured to supply water to the planter and or to the surrounding terrain. The planter is carried along the pole, allowing it to be controllably rotated at any height along the travel.

0) US2006135900A – KNEE BRACE AND METHOD FOR SECURING THE SAME

54) Family number: 33084922 (US2006135900A) © PatBase

Title: KNEE BRACE AND METHOD FOR SECURING THE SAME

Priority:

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Family:

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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RIDOUT AND MAYBEE LLP; KSNH PATENTANWAELTE KLUNKER SCHMITT NILSON HIRSCH; KLUNKER SCHMITT NILSON HIRSCH; HOEHFELD JOCHEN; BACON AND THOMAS PLLC; WORKMAN NYDEGGER; CASSELL JUSTIN J 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 YU ZA ZM ZW

International class (IPC 8–9): A61F13/00 A61F13/06 A61F5/00 A61F5/01 A61F5/02 B32B3/10 B32B5/02 (Advanced/Invention); A61F5/01 (Advanced/Non–invention); A61F13/00 A61F5/00 A61F5/01 A61F5/02 B32B3/10 B32B5/02 (Core/Invention)

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Abstract:
Source: US2006135900A A knee brace that is divided into anterior and posterior sides by a frontal plane, and having first and second sides divided by a median plane. The knee brace includes a ventilated, flexible proximal shell generally extending between the first and second sides on the anterior side of the brace, and a flexible distal shell connected to the proximal shell and generally extending across the first and second sides on the anterior side of the brace. The distal shell has an extension segment extending from one of the first and second sides to the posterior side of the brace. The proximal and distal shells include suitable openings and slots for attaching brackets and mechanical devices. The proximal and distal shells each include a body portion and a compliant edge. The compliant edges are formed from flexible resilient material that is configured to extend beyond the outer perimeter of the body portion of each the proximal and distal shells.

55) Family number: 41179175 (US2008047560A) © PatBase

Title: DELIVERY OF RESPIRATORY THERAPY

Priority:

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Assignee(s): D3 DESIGN PTY LTD ; PRECISION FOAM MFG ; PRECISION FOAM MFG PTY LTD ; RESMED LTD NORTH RYDE ; RESMED LTD BELLA VISTA ; RESMED BELLA VISTA LTD ; RESMED LIMITED

Inventor(s):(std)**:** ANDREW HURST ; BRACKENREG SCOTT ; BRACKENREG SCOTT D ; BRACKENREG SCOTT DOUGLAS ; BRUCE DAVID GREGORY ; CATHERINE CARROLL FIONA ; GREGORY BRUCE ; GREGORY BRUCE D ; GREGORY BRUCE DAVID ; GILLIVER DAVID MARK ; GREGORY ROBERT PEAKE ; GUNNING PHILIP ; GUNNING PHILIP J ; GUNNING PHILIP JOHN ; HENRY ROBERT ; HENRY ROBERT E ; HENRY ROBERT EDWARD ; HILL PHOEBE ; JOSHUA ADAM GUDIKSEN ; KATHERINE HILL PHOEBE ; KWOK PHILIP ; KWOK PHILIP R ; KWOK PHILIP RODNEY ; LEE JAMES VELISS ; MICHAEL RUMMERY GERARD ; PEAKE GREGORY ; PEAKE GREGORY R ; PEAKE GREGORY ROBERT ; PHILIP JOHN GUNNING ; PHILIP RODNEY KWOK ; ROBERT EDWARD HENRY ; SCOTT DOUGLAS BRACKENREG ; SELVARAJAN KARTHIKEYAN ; SOLARI CLIVE ; RUMMERY GERARD MICHAEL ; RODNEY KWOK PHILIP ; ROBERT PEAKE GREGORY ; MARK GILLIVER DAVID ; KARTHIKEYAN SELVARAJAN ; JOHN GUNNING PHILIP ; JAMES VELISS LEE ; VELISS LEE ; VELISS LEE J ; VELISS LEE JAMES ; WEHBEH JAMIE ; HURST ANDREW ; HILL PHOEBE KATHERINE ; GUDIKSEN JOSHUA ADAM ; EDWARD HENRY ROBERT ; DOUGLAS BRACKENREG SCOTT ; DAVID GREGORY BRUCE ; CLIVE SOLARI ; CARROLL FIONA CATHERINE ; PHOEBE KATHERINE HILL ; NURSE PHILIP MICHAEL ; GILLIVER DAVID

Inventor(s): GERARD MICHAEL RUMMERY ; FIONA CATHERINE CARROLL ; HILL PHOEBE KATHERINE BELLA VISTA ; THE DESIGNATION OF THE INVENTOR HAS NOT YET... ; VELISS LEE JAMES BELLA VISTA ; WEHBEH JAMIE BELLA VISTA ; HURST ANDREW BELLA VISTA ; SOLARI CLIVE BELLA VISTA ; SELVARAJAN KARTHIKEYAN BELLA VISTA ; RUMMERY GERARD MICHAEL BELLA VISTA ; PEAKE GREGORY ROBERT BELLA VISTA ; KWOK PHILIP RODNEY BELLA VISTA ; HENRY ROBERT EDWARD BELLA VISTA ; GUNNING PHILIP JOHN BELLA VISTA ; GUDIKSEN JOSHUA ADAM BELLA VISTA ; GILLIVER DAVID MARK BELLA VISTA ; GREGORY BRUCE DAVID BELLA VISTA ; DAVID MARK GILLIVER ; CARROLL FIONA CATHERINE BELLA VISTA ; BRACKENREG SCOTT DOUGLAS BELLA VISTA

Agent(s): HALFORDS IP; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; HAGMANN SMITH MARTIN P ET AL; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; VOSSIUS AND PARTNER; FRHR SCHENCK ZU SCHWEINSBERG ELARD; DE ELZABURU ALBERTO; NIXON AND VANDERHYE PC; DAVIDSON GEOFFREY ROBERT ET AL; RICHARDS ADRIAN JOHN 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

International class(IPC 8–9)**:** A44B11/00 A44B11/02 A44B11/16 A61M11/00 A61M15/08 A61M16/00 A61M16/06 A61M16/08 A61M16/10 A61M16/20 A62B18/02 A62B18/08 A62B9/00 A62B9/04 B23P17/04 B29C43/32 B65D63/00 B65D63/10 B65D63/12 B65D63/14 B65D63/16 (Advanced/Invention); A61M16/10 A61M16/20 H04R1/10 H04R5/033 (Advanced/Non–invention); A61M16/00 A61M16/06 A61M16/08 A62B18/00 A62B9/00 B23P17/00 B29C43/32 (Core/Invention)

CPC: A62B9/04 A61M2209/082 A62B18/025 A62B18/084 Y10T29/49826 A61M2205/581 A61M2205/582 H04R1/1083 H04R5/0335 A61M2205/0216 A61M16/0057 A61M16/0875

A61M2205/0205 A61M2205/0266 A61M16/0605 A61M2205/0227 A61M2205/0222 A61M16/0816 A61M2205/42 A61M16/06 A61M16/0611 A61M16/0616 A61M16/0622 A61M16/0633 A61M16/0666 A61M16/0683 A61M16/0694 A61M16/08 A61M16/0825 A61M16/0833 A61M16/1045 A61M16/20 A61M2205/02 A61M2205/0238 A61M2205/273 A61M2205/583 A61M2205/588 A61M2205/59 A61M2209/06 A61M2209/088 A61M2210/0618 A61M2210/0625

European class: A61M16/06 A61M16/06L A61M16/06S A61M16/08 A61N1/00 K61M16/06A7 K61M16/06L K61M16/06S4 K61M16/08D K61M16/08D2 K61M16/08D4 K61M16/10E K61M16/20 K61M205/27A K61M205/42 K61M205/58B K61M205/58C K61M205/58D K61M205/58S K61M205/59 K61M209/06 K61M209/08A K61M210/06C K61M210/06D K61M211/20 T04R1/10N T04R5/033H

US class: 1/1 128/200.24 128/200.26 128/202.27 128/203.25 128/204.18 128/204.180P 128/205.11 128/205.24 128/205.25 128/205.250P 128/206.21 128/206.24 128/206.240P 128/207.11 128/207.110S 128/207.12 128/207.13 128/207.130S 128/207.18 128/207.180S 264/156 264/156S 29/428 29/428S D24/110.1 D24/110.4 D24/110.5

Locarno class: 29/02

Classification Explorer

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Abstract:
Source: US2008047560A A patient interface includes a sealing arrangement adapted to provide an effective seal with the patient's nose, an inlet conduit arrangement adapted to deliver breathable gas to the sealing arrangement, and a cover that substantially encloses the sealing arrangement and/or the inlet conduit arrangement.