

(19)



(11)

EP 2 433 588 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
24.04.2013 Bulletin 2013/17

(51) Int Cl.:
A61F 2/00 (2006.01) A61B 17/00 (2006.01)

(43) Date of publication A2:
28.03.2012 Bulletin 2012/13

(21) Application number: **11250799.1**

(22) Date of filing: **14.09.2011**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME

(30) Priority: **24.09.2010 US 889774**

(71) Applicant: **Covidien LP
Mansfield, MA 02048 (US)**

(72) Inventors:
• **Levin, Ofek
20115 Moshav Amirim (IL)**
• **Levey, Arie
52489 Ramat-Gan (IL)**

(74) Representative: **Soames, Candida Jane
Edwards Angell Palmer
& Dodge Innovations LLP
10 Carlton Crescent
Southampton SO15 2EZ (GB)**

(54) **Device for rolling and inserting a prosthetic patch into a body cavity**

(57) Device for facilitating rolling of a surgical mesh onto a surgical instrument, the device comprising a sleeve (100) having a slit (101) along a length of the sleeve, wherein the sleeve has an open configuration for

operably coupling with an unrolled mesh (201) on a surgical instrument, and a closed configuration for facilitating rolling of the mesh onto the instrument.

EP 2 433 588 A3



EUROPEAN SEARCH REPORT

Application Number
EP 11 25 0799

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2009/136399 A2 (SURGICAL STRUCTURE LTD [IL]; SHOLEV MORDECHAI [IL]) 12 November 2009 (2009-11-12)	1,2,6-8, 14,15	INV. A61F2/00 A61B17/00
Y	* page 19, line 7 - line 19 *	4,5,9-13	
A	* figures 9a-9m *	3	

X	EP 0 625 334 A1 (ETHNOR [FR] ETHICON INC [FR]) 23 November 1994 (1994-11-23)	1	
Y	* figures 6-8 *	4,5,9-13	

X	US 6 214 020 B1 (MULHAUSER PAUL J [US] ET AL) 10 April 2001 (2001-04-10)	1	
	* figure 5a *		

X	US 5 464 403 A (KIETURAKIS MACIEJ J [US] ET AL) 7 November 1995 (1995-11-07)	1	
	* figures 1-3 *		

X	US 5 263 969 A (PHILLIPS EDWARD H [US]) 23 November 1993 (1993-11-23)	1	
	* figure 1 *		

X	US 2005/021122 A1 (EISENKOLB PETER [DE]) 27 January 2005 (2005-01-27)	1	TECHNICAL FIELDS SEARCHED (IPC) A61F A61B
	* figure 1 *		

A	WO 2010/019655 A1 (ETHICON ENDO SURGERY INC [US]; SPIVEY JAMES T [US]) 18 February 2010 (2010-02-18)	1-15	
	* paragraph [0032]; figure 2 *		

The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 14 March 2013	Examiner Franz, Volker
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

 1
EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 25 0799

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-03-2013

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2009136399 A2	12-11-2009	CA 2723705 A1	12-11-2009
		EP 2363095 A2	07-09-2011
		JP 2011520481 A	21-07-2011
		US 2011112560 A1	12-05-2011
		WO 2009136399 A2	12-11-2009
EP 0625334 A1	23-11-1994	AT 182453 T	15-08-1999
		DE 69419660 D1	02-09-1999
		DE 69419660 T2	30-12-1999
		EP 0625334 A1	23-11-1994
US 6214020 B1	10-04-2001	US 5695525 A	09-12-1997
		US 5766246 A	16-06-1998
		US 6214020 B1	10-04-2001
		US 6267772 B1	31-07-2001
		US 6926723 B1	09-08-2005
US 5464403 A	07-11-1995	NONE	
US 5263969 A	23-11-1993	NONE	
US 2005021122 A1	27-01-2005	DE 10249927 B3	04-03-2004
		EP 1434537 A1	07-07-2004
		US 2005021122 A1	27-01-2005
		WO 2004037124 A1	06-05-2004
WO 2010019655 A1	18-02-2010	US 2010042045 A1	18-02-2010
		WO 2010019655 A1	18-02-2010

专利名称(译)	用于将假体贴片卷入和插入体腔的装置		
公开(公告)号	EP2433588A3	公开(公告)日	2013-04-24
申请号	EP2011250799	申请日	2011-09-14
[标]申请(专利权)人(译)	柯惠有限合伙公司		
申请(专利权)人(译)	泰科医疗集团LP		
当前申请(专利权)人(译)	COVIDIEN LP		
[标]发明人	LEVIN OFEK LEVEY ARIE		
发明人	LEVIN, OFEK LEVEY, ARIE		
IPC分类号	A61F2/00 A61B17/00		
审查员(译)	FRANZ , VOLKER		
优先权	12/889774 2010-09-24 US		
其他公开文献	EP2433588A2 EP2433588B1		
外部链接	Espacenet		

摘要(译)

用于便于将外科网片滚动到外科器械上的装置，该装置包括套管（100），该套管具有沿着套管的长度的狭缝（101），其中该套管具有用于与展开的网状物（201）可操作地连接的开放构造。）在手术器械上，以及用于便于将网状物滚动到器械上的闭合构造。

		EUROPEAN SEARCH REPORT		Application Number EP 11 25 0799
DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X	WD 2009/136399 A2 (SURGICAL STRUCTURE LTD [IL]; SHOLEV MORDECHAI [IL]) 12 November 2009 (2009-11-12) * page 19, line 7 - line 19 * * figures 9a-9m *	1,2,6-8, 14,15	INV A61F2/00 A61B17/00	
Y		4,5,9-13		
A		3		
X	EP 0 625 334 A1 (ETHNOR [FR] ETHICON INC [FR]) 23 November 1994 (1994-11-23) * figures 6-6 *	1	4,5,9-13	
Y				
X	US 6 214 020 B1 (MULHAUSER PAUL J [US] ET AL) 10 April 2001 (2001-04-10) * figure 5a *	1		
X				
X	US 5 464 403 A (KIETURAKIS MACIEJ J [US] ET AL) 7 November 1995 (1995-11-07) * figures 1-3 *	1		
X				
X	US 5 263 969 A (PHILLIPS EDWARD H [US]) 23 November 1993 (1993-11-23) * figure 1 *	1		
X				
X	US 2005/021122 A1 (EISENKOLB PETER [DE]) 27 January 2005 (2005-01-27) * figure 1 *	1	TECHNICAL FIELD OF THE INVENTION A61F A61B	
A	WD 2010/019655 A1 (ETHICON ENDO SURGERY INC [US]; SPIVEY JAMES I [US]) 18 February 2010 (2010-02-18) * paragraph [0032]: figure 2 *	1-15		
The present search report has been drawn up for all claims				
1. The present search report has been drawn up for all claims				
Munch		14 March 2013		Franz, Volker
CATEGORY OF CITED DOCUMENTS X particularly relevant to the invention Y document of the same category as the invention A document of the same category as the invention, but published on, or after, the filing date Y document of the same category as the invention, but published on, or after, the filing date A document of the same category as the invention, but published on, or after, the filing date Y document of the same category as the invention, but published on, or after, the filing date A document of the same category as the invention, but published on, or after, the filing date				