

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2012/025067

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61F2/00 A61B17/00
 ADD. A61F2/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 557 963 A1 (UNITED STATES SURGICAL CORP [US]) 1 September 1993 (1993-09-01)	1-7, 10-18
Y	column 4, line 42 - line 44 figures 2,3	8,9
Y	----- WO 2005/016389 A2 (JACKSON KELLY [US]) 24 February 2005 (2005-02-24) paragraph [0035]; figures 1,2	8,9
X,P	----- WO 2011/128903 A2 (DUDAI MOSHE [IL]) 20 October 2011 (2011-10-20) figures 12b,14e	1
A	----- US 2009/156986 A1 (TRENHAILE SCOTT [US]) 18 June 2009 (2009-06-18) figure 15	1-18
	----- -/-	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

7 September 2012

Date of mailing of the international search report

17/09/2012

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040,
 Fax: (+31-70) 340-3016

Authorized officer

Franz, Volker

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2007/030676 A2 (UNIV SOUTH FLORIDA [US]; HENDERSON ERIC ROSS [US]) 15 March 2007 (2007-03-15) figures 1a,1c -----	1-18

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 19, 20
because they relate to subject matter not required to be searched by this Authority, namely:
The subject-matter of claims 19 and 20 relates to a method of treatment of the human body because the step of placing an implant inside a cavity in the shoulder involves a surgical step. Thus, according to Article 34.4(a)(i) and Rule 67.1(iv), no preliminary opinion will be established for those claims.
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0557963	A1	01-09-1993	CA 2089999 A1 25-08-1993 EP 0557963 A1 01-09-1993 US 5405360 A 11-04-1995
WO 2005016389	A2	24-02-2005	US 2007185506 A1 09-08-2007 WO 2005016389 A2 24-02-2005
WO 2011128903	A2	20-10-2011	NONE
US 2009156986	A1	18-06-2009	US 2009156986 A1 18-06-2009 US 2009156997 A1 18-06-2009
WO 2007030676	A2	15-03-2007	US 2008188874 A1 07-08-2008 WO 2007030676 A2 15-03-2007