



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 16 86 04 35

**Classification of the application (IPC):**  
A61B 18/04, A61B 18/20, A61N 2/02

**Technical fields searched (IPC):**  
A61N, A61B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2009088550 A2 (LOCKHEED MARTIN CORP) 16 July 2009 (2009-07-16) * paragraphs [0018] - [0021], [0102], [0140], [0148], [0287] *	1-15
X	US 2014074191 A1 (DUNLEAVY PAUL [US] ET AL) 13 March 2014 (2014-03-13) * paragraph [0121] - paragraph [0124]; figures 1,6-9 *	1-15
A	WO 0023147 A1 (DORNIER MEDTECH HOLDING INT GMBH [DE]; UEBERLE FRIEDRICH [DE]) 27 April 2000 (2000-04-27) * the whole document *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
Munich	22 January 2019	Gentil, Tamara

### 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  
& : member of the same patent family, corresponding document

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



## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 22-01-2019  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2009088550	A2	16-07-2009	EP US WO	2207595 A2 2010049180 A1 2009088550 A2	21-07-2010 25-02-2010 16-07-2009
US 2014074191	A1	13-03-2014	CN EP JP JP JP JP KR US US US US WO WO	104780972 A 2892615 A1 6352921 B2 2015527176 A 2015527177 A 2018134535 A 20150126587 A 2014074191 A1 2014074194 A1 2014364924 A1 2015058204 A1 2014040014 A1 2014040015 A1	15-07-2015 15-07-2015 04-07-2018 17-09-2015 17-09-2015 30-08-2018 12-11-2015 13-03-2014 13-03-2014 11-12-2014 26-02-2015 13-03-2014 13-03-2014
WO 0023147	A1	27-04-2000	US WO	6640139 B1 0023147 A1	28-10-2003 27-04-2000