



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 80 00 40

## Classification of the application (IPC):

A61B 5/01, A61B 5/0205, A61F 7/00, A61F 7/02, A61F 7/10, A61M 21/00, A61M 21/02, A61B 5/00

## Technical fields searched (IPC):

A61F, A61M

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 4466439 A (MOORE JOHN H [US]) 21 August 1984 (1984-08-21) * column 5, line 23 - column 6, line 45; figures 1-4 *	1, 3-15
X	US 2012310312 A1 (YEE THOMAS CHIH-HAN [US]) 06 December 2012 (2012-12-06) * paragraph [0006] - paragraph [0011]; claims 1,5,8; figure 1 *	1, 7, 10-12, 15
A	US 2016128864 A1 (NOFZINGER ERIC A [US] ET AL) 12 May 2016 (2016-05-12) * paragraph [0124]; figure 2b *	1-15
X	US 2009024043 A1 (MACLEOD AINSLIE [US] ET AL) 22 January 2009 (2009-01-22) * paragraph [0076]; figure 2 *	1, 3, 11

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 The Hague	Date of completion of the search 21 November 2019	Examiner Cornelissen, P
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## CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone   | P: intermediate document   |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention                        |
| A: technological background   | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure   | D: document cited in the application                                   |
| &: member of the same patent family, corresponding document                     | L: document cited for other reasons                                    |

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# ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 80 00 40

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 21-11-2019  
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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US 2012310312	A1	06-12-2012	NONE		
US 2016128864	A1	12-05-2016	US	2015018905 A1	15-01-2015
			US	2016128864 A1	12-05-2016
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			US	2012303042 A1	29-11-2012