



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 86 05 60

Classification of the application (IPC):
A61M 5/32, A61M 5/34, A61M 5/38

Technical fields searched (IPC):
A61M

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 6409708 B1 (WESSMAN GOERAN [SE]) 25 June 2002 (2002-06-25) * column 1, line 43 - column 2, line 24; figures 1-2 *	1-15
X	WO 2015195844 A1 (ICU MEDICAL INC [US]) 23 December 2015 (2015-12-23) * paragraphs [0026], [0030], [0041]; figures 7,11 *	1-15
X	US 6139534 A (NIEDOSPIAL JR JOHN J [US] ET AL) 31 October 2000 (2000-10-31) * column 5, lines 10-14; figures 5,8 *	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 Munich	Date of completion of the search 22 April 2020	Examiner Diamantouros, S
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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 |
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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 22-04-2020
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6409708 B1	25-06-2002	AT 288290 T	15-02-2005
		AU 721328 B2	29-06-2000
		CA 2271077 A1	14-05-1998
		DE 69634306 D1	10-03-2005
		DE 69634306 T2	05-01-2006
		EP 0948371 A1	13-10-1999
		ES 2236758 T3	16-07-2005
		JP 4245665 B2	25-03-2009
		JP 2001505092 A	17-04-2001
		US 6409708 B1	25-06-2002
		US 2002115981 A1	22-08-2002
		WO 9819724 A1	14-05-1998
WO 2015195844 A1	23-12-2015	AU 2015277135 A1	05-01-2017
		CA 2953229 A1	23-12-2016
		EP 3157491 A1	26-04-2017
		JP 6605511 B2	13-11-2019
		JP 2017518141 A	06-07-2017
		US 2017095404 A1	06-04-2017
		US 2019117515 A1	25-04-2019
		WO 2015195844 A1	23-12-2015
US 6139534 A	31-10-2000	NONE	