



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 81 26 57

Classification of the application (IPC):

A61M 39/10, A61M 39/18, F16L 37/08, F16L 37/10, A61M 16/08, A61M 39/16, F16L 37/244

Technical fields searched (IPC):

A61M, F16L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 3984133 A (BIRD FORREST M) 05 October 1976 (1976-10-05)	1
Y	* column 1 - column 4; figures 1-4 *	1-15
X	US 4457749 A (BELLOTTI MARC [US] ET AL) 03 July 1984 (1984-07-03)	1
Y	* column 4 - column 5; figures 1-4 *	1-15
Y	US 2008287920 A1 (FANGROW THOMAS F [US] ET AL) 20 November 2008 (2008-11-20) * paragraph [0145] - paragraph [0217]; figures 1-7 *	1-15
Y	GB 2059268 A (AVON MEDICALS) 23 April 1981 (1981-04-23) * page 2; figures 1-4 *	1-15
Y	EP 0256640 A2 (BETABROOK LTD [GB]) 24 February 1988 (1988-02-24) * column 8; figures 1-6 *	1-15
A	US 5688254 A (LOPEZ GEORGE A [US] ET AL) 18 November 1997 (1997-11-18) * the whole document *	1-15
A	US 2010013215 A1 (WERTH ALBERT [US]) 21 January 2010 (2010-01-21) * 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 Munich	Date of completion of the search 28 January 2019	Examiner Preller, D
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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 |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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