



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 78 31 68

Classification of the application (IPC):  
A61M 5/168, A61M 5/14

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                                   | DE 4205718 A1 (SYDOW FRIEDRICH WILHELM DR [DE])<br>27 August 1992 (1992-08-27)<br>* figure 1 *<br>* column 2, line 60 - column 3, line 18 *         | 1-5, 9-13         |
| X                                   | US 4038982 A (BURKE GEORGE K ET AL) 02 August 1977 (1977-08-02)<br>* figures 1, 2 *<br>* and respective parts of the description. *                 | 1-5, 9-12         |
| X                                   | DE 20103082 U1 (MUNTERMANN AXEL [DE]) 04 July 2002 (2002-07-04)<br>* figure 1 *<br>* and respective parts of the description. *                     | 1-5, 9-12         |
| X                                   | CN 201912547 U (WEIFANG LEIWEI MEDICAL INSTR CO LTD)<br>03 August 2011 (2011-08-03)<br>* figure 1 *<br>* and respective parts of the description. * | 1-12              |

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

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|---------------------------|----------------------------------------------------|--------------------------------|
| Place of search<br>Munich | Date of completion of the search<br>28 August 2019 | Examiner<br>Petersheim, Markus |
|---------------------------|----------------------------------------------------|--------------------------------|

## CATEGORY OF CITED DOCUMENTS

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 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 78 31 68

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 28-08-2019  
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| Patent document cited<br>in search report |    | Publication<br>date | Patent family<br>member(s) |            | Publication<br>date |
|-------------------------------------------|----|---------------------|----------------------------|------------|---------------------|
| DE 4205718                                | A1 | 27-08-1992          | NONE                       |            |                     |
| US 4038982                                | A  | 02-08-1977          | JP                         | S5268778 A | 07-06-1977          |
|                                           |    |                     | US                         | 4038982 A  | 02-08-1977          |
| DE 20103082                               | U1 | 04-07-2002          | NONE                       |            |                     |
| CN 201912547                              | U  | 03-08-2011          | NONE                       |            |                     |