



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 16 90 83 51

**Classification of the application (IPC):**  
A61M 25/00, A61M 1/16, A61B 34/20, A61M 25/09, A61M 1/12

**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                                   | WO 2015164629 A1 (UNIV CALIFORNIA [US] ET AL.)<br>29 October 2015 (2015-10-29)<br>* page 9, line 17 - page 12, line 10; claims 2-5; figures 1-6 *                                    | 1-9, 12           |
| X                                   | WO 0012148 A2 (A MED SYSTEMS INC [US]; ABOUL HOSN WALID N [US]; KANZ WILLIAM R [US]) 09 March 2000 (2000-03-09)<br>* page 20, line 9 - page 27, line 30; claims 1-11; figures 1-39 * | 1-6, 8-12         |
| X                                   | WO 9937352 A1 (MEDTRONIC INC [US]) 29 July 1999 (1999-07-29)<br>* page 5, line 22 - page 11, line 24; figures 1-11 *                                                                 | 1                 |

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>The Hague | Date of completion of the search<br>29 October 2019 | Examiner<br>Schlaug, Martin |
|------------------------------|-----------------------------------------------------|-----------------------------|

## 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 16 90 83 51

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 29-10-2019  
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| Patent document cited<br>in search report |    | Publication<br>date | Patent family<br>member(s) |               | Publication<br>date |
|-------------------------------------------|----|---------------------|----------------------------|---------------|---------------------|
| WO 2015164629                             | A1 | 29-10-2015          | EP                         | 3134160 A1    | 01-03-2017          |
|                                           |    |                     | WO                         | 2015164629 A1 | 29-10-2015          |
| WO 0012148                                | A2 | 09-03-2000          | AU                         | 5694199 A     | 21-03-2000          |
|                                           |    |                     | DE                         | 69938002 T2   | 15-01-2009          |
|                                           |    |                     | EP                         | 1105173 A2    | 13-06-2001          |
|                                           |    |                     | JP                         | 2002525138 A  | 13-08-2002          |
|                                           |    |                     | WO                         | 0012148 A2    | 09-03-2000          |
| WO 9937352                                | A1 | 29-07-1999          | AU                         | 2457699 A     | 09-08-1999          |
|                                           |    |                     | DE                         | 69929419 T2   | 24-08-2006          |
|                                           |    |                     | EP                         | 1049507 A1    | 08-11-2000          |
|                                           |    |                     | US                         | 6059760 A     | 09-05-2000          |
|                                           |    |                     | WO                         | 9937352 A1    | 29-07-1999          |