



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 16 83 99 08

Classification of the application (IPC):  
F04B 43/08, F04B 43/12, F04B 45/06

Technical fields searched (IPC):  
F04B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 5533878 A (IWATA NOBORU [JP]) 09 July 1996 (1996-07-09) * column 3, lines 60-62; figure 2 *	1, 8
A	US 5711654 A (AFFLERBAUGH RICHARD L [US]) 27 January 1998 (1998-01-27) * column 4, lines 1-8; figures 2,3 * * column 7, line 62 - column 8, line 13 *	1, 8
A	US 2014356205 A1 (BAXTER VINCENT A [US]) 04 December 2014 (2014-12-04) * claim 1 *	1, 8
A	JP 2008261240 A (DAIICHI TECHNO CO LTD) 30 October 2008 (2008-10-30) * figures 1,2a,2b3a,3b *	1, 8
A	JP 2013072287 A (DAIICHI TECHNO CO LTD) 22 April 2013 (2013-04-22) * figures 1-6 *	1, 8

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 14 November 2018	Examiner Fistas, Nikolaos
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### 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:  
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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 14-11-2018  
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