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## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 16 87 91 07

**Classification of the application (IPC):**  
F25B 43/02, F25B 45/00, F25B 41/00, B01D 45/12

**Technical fields searched (IPC):**  
B01D, F25B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	JP 2011202876 A (HITACHI APPLIANCES INC) 13 October 2011 (2011-10-13) * paragraphs [0006] - [0009], [0022] - [0027]; figures 1,2,4,6 *	1-13, 15 14
X Y	EP 1312879 A1 (MITSUBISHI ELECTRIC CORP [JP]) 21 May 2003 (2003-05-21) * abstract; figure 3 * * paragraphs [0005] - [0006], [0037] - [0050]; figures 2-7, 9 *	1-13, 15 14
X A	JP 2011247575 A (NICHIREI KOGYO KK; UNIV TOKYO) 08 December 2011 (2011-12-08) * paragraphs [0042] - [0046], [0054] - [0056]; figures 1,2 *	1-13, 15 14
Y	US 5113671 A (WESTERMEYER GARY W [US]) 19 May 1992 (1992-05-19) * abstract; figures 2,3 * * column 3, line 60 - column 4, line 13 *	14

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 04 June 2018	Examiner Weisser, Meinrad
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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

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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 04-06-2018  
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