



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 15 89 30 20

**Classification of the application (IPC):**  
F24H 9/20, F25B 49/02, F24H 4/04, F24D 19/10

**Technical fields searched (IPC):**  
F24H, F25B, F24D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	JP 2005098546 A (MATSUSHITA ELECTRIC IND CO LTD) 14 April 2005 (2005-04-14) * page 2, paragraph 1 - page 6, paragraph 15; figure 1 *	1-4, 9-11 5-8, 12-15
X	JP 2005147542 A (MATSUSHITA ELECTRIC IND CO LTD) 09 June 2005 (2005-06-09) * page 2, paragraph 1 - page 7, paragraph 36; figure 1 *	1, 9
A	EP 2559953 A1 (MITSUBISHI ELECTRIC CORP [JP]) 20 February 2013 (2013-02-20) * the whole document *	1, 9

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 27 November 2018	Examiner Hoffmann, Stéphanie
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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 27-11-2018  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2005098546 A	14-04-2005	NONE	
JP 2005147542 A	09-06-2005	JP 3918804 B2 JP 2005147542 A	23-05-2007 09-06-2005
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