



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 92 11 39

Classification of the application (IPC):

F24H 1/18, F24H 4/02, F24D 3/08, F24D 11/00, F24D 19/10, F24D 11/02

Technical fields searched (IPC):

F24D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	JP 2008256346 A (MATSUSHITA ELECTRIC IND CO LTD) 23 October 2008 (2008-10-23) * abstract; figures 5,6 * * paragraphs [0006], [0048], [0049]; claims 1,2 *	1-9 4
A	JP 2011257105 A (TOKYO ELECTRIC POWER CO INC:THE) 22 December 2011 (2011-12-22) * abstract; figures 1-4 *	1-9
A	WO 2016075741 A1 (MITSUBISHI ELECTRIC CORP [JP]) 19 May 2016 (2016-05-19) * abstract; figures 1-4 *	1-9
A	JP 2013245919 A (MITSUBISHI ELECTRIC CORP) 09 December 2013 (2013-12-09) * abstract; figures 1-8 *	1-9
Y	EP 2077423 A1 (ESBE AB [SE]) 08 July 2009 (2009-07-08) * abstract; figures 1,2 * * paragraph [0010] *	4

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 01 October 2019	Examiner García Moncayo, O
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CATEGORY OF CITED DOCUMENTS

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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 01-10-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2008256346	A	23-10-2008	NONE	
JP 2011257105	A	22-12-2011	NONE	
WO 2016075741	A1	19-05-2016	EP 3220061 A1	20-09-2017
			JP 6217867 B2	25-10-2017
			JP WO2016075741 A1	01-06-2017
			WO 2016075741 A1	19-05-2016
JP 2013245919	A	09-12-2013	JP 5838914 B2	06-01-2016
			JP 2013245919 A	09-12-2013
EP 2077423	A1	08-07-2009	NONE	