



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 74 14 16

Classification of the application (IPC):
F25B 1/00, F25B 1/10, F25B 31/00, F25B 49/02

Technical fields searched (IPC):
F25B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y A	JP 2010139109 A (MITSUBISHI HEAVY IND LTD) 24 June 2010 (2010-06-24) * paragraph [0011] - paragraph [0041]; figure 8 *	1, 4-9 2, 3
Y A	JP 2009109065 A (HITACHI APPLIANCES INC) 21 May 2009 (2009-05-21) * paragraph [0012] - paragraph [0024]; figure 1 *	1, 4-9 2, 3
Y A	EP 2752628 A1 (MITSUBISHI HEAVY IND LTD [JP]) 09 July 2014 (2014-07-09) * paragraph [0019] - paragraph [0025]; figure 1 *	6
A	EP 2339265 A2 (SANYO ELECTRIC CO [JP]) 29 June 2011 (2011-06-29) * the whole document *	1-9
A	WO 2010052853 A1 (DAIKIN IND LTD [JP]; YOSHIMI ATSUSHI [JP]; FUJIMOTO SHUJI [JP]) 14 May 2010 (2010-05-14) * the whole document *	1-9
A	EP 2230472 A1 (DAIKIN IND LTD [JP]) 22 September 2010 (2010-09-22) * 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 28 August 2018	Examiner Gasper, Ralf
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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 28-08-2018
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2010139109	A	24-06-2010	JP 5193011 B2 JP 2010139109 A	08-05-2013 24-06-2010
JP 2009109065	A	21-05-2009	NONE	
EP 2752628	A1	09-07-2014	CN 103403475 A CN 107255372 A EP 2752628 A1 JP 5851771 B2 JP 2013053758 A KR 20130140843 A WO 2013031591 A1	20-11-2013 17-10-2017 09-07-2014 03-02-2016 21-03-2013 24-12-2013 07-03-2013
EP 2339265	A2	29-06-2011	DK 2339265 T3 EP 2339265 A2 US 2011154840 A1	28-05-2018 29-06-2011 30-06-2011
WO2010052853	A1	14-05-2010	JP 2010112579 A WO 2010052853 A1	20-05-2010 14-05-2010
EP 2230472	A1	22-09-2010	AU 2008330551 A1 CN 101878403 A EP 2230472 A1 JP 5396831 B2 JP 2009150641 A KR 20100096182 A US 2010300141 A1 WO 2009069732 A1	04-06-2009 03-11-2010 22-09-2010 22-01-2014 09-07-2009 01-09-2010 02-12-2010 04-06-2009