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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 87 24 74

Classification of the application (IPC):
F28F 1/32*, *F24F 1/0067*, *F25B 39/00

Technical fields searched (IPC):
F28F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP 2012229897 A (DAIKIN IND LTD) 22 November 2012 (2012-11-22) * figures 1,2,5 *	1-6, 9-11
X	JP 2016044830 A (FUJITSU GENERAL LTD) 04 April 2016 (2016-04-04) * paragraph [0030] - paragraph [0031]; figures 3,4 *	1-11
X	JP 5962645 B2 (DAIKIN IND LTD) 03 August 2016 (2016-08-03) * paragraph [0044] - paragraph [0045]; figure 1 *	1-6, 9-11
A	WO 2021006336 A1 (DAIKIN IND LTD [JP]) 14 January 2021 (2021-01-14) * figure 8 *	1-11
A	EP 2048465 B1 (DAIKIN IND LTD [JP]) 23 January 2019 (2019-01-23) * figure 15 *	1-11

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	Date of completion of the search	Examiner
Munich	12 November 2024	Bain, David

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
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E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2012229897 A	22-11-2012	*NONE*	
JP 2016044830 A	04-04-2016	*NONE*	
JP 5962645 B2	03-08-2016	JP 5962645 B2	03-08-2016
		JP 2015127607 A	09-07-2015
WO 2021006336 A1	14-01-2021	CN 217635915 U	21-10-2022
		EP 3992564 A1	04-05-2022
		JP 2021014929 A	12-02-2021
		WO 2021006336 A1	14-01-2021
EP 2048465 B1	23-01-2019	AU 2007274519 A1	24-01-2008
		AU 2011200171 A1	03-02-2011
		CN 101490495 A	22-07-2009
		CN 102297625 A	28-12-2011
		CN 102322762 A	18-01-2012
		CN 102353183 A	15-02-2012
		EP 2048465 A1	15-04-2009
		ES 2720295 T3	19-07-2019
		JP 4075947 B2	16-04-2008
		JP 2008025856 A	07-02-2008
		KR 20090034893 A	08-04-2009
		US 2009321059 A1	31-12-2009
		WO 2008010398 A1	24-01-2008

EP 4 411 304 A4

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