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## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 92 46 43

### Classification of the application (IPC):

F24F 11/48, F24F 110/10, F24F 11/43, F24F 140/20, F24F 11/70, F25B 13/00

### Technical fields searched (IPC):

F24F, F25B

### DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2020187252 A1 (QINGDAO HAIER AIR CONDITIONER GENERAL	1-5, 8-10
Y	CORP LTD [CN] ET AL.) 24 September 2020 (2020-09-24)	7
A	* paragraph [0015] - paragraph [0015]; figure 1 *	6
X	CN 107655170 A (GUANGDONG MIDEA REFRIGERATION EQUIPMENT	1-5, 8-10
Y	CO LTD) 02 February 2018 (2018-02-02)	7
A	* paragraph [0079] - paragraph [0108]; figures 4-6 *	6
X	CN 111043670 A (QINGDAO HAIER AIR CONDITIONER)	1-5, 8-10
Y	21 April 2020 (2020-04-21)	7
A	* paragraph [0051] - paragraph [0055]; figures 3-4 *	6
X	EP 3611446 A1 (HITACHI JOHNSON CONTROLS AIR CONDITIONING	1-5, 8-10
Y	INC [JP]) 19 February 2020 (2020-02-19)	7
A	* paragraph [0059] - paragraph [0086]; figures 5-11 *	6
X	US 10775062 B2 (QINGDAO HAIER AIR CONDITIONER GENERAL CORP	1-5, 8-10
Y	LTD [CN]) 15 September 2020 (2020-09-15)	7
A	* column 10 - column 11; figure 1 *	6
X	WO 2020258633 A1 (QINGDAO HAIER AIR CONDITIONER GENERAL	1-5, 8-10
Y	CORP LTD [CN] ET AL.) 30 December 2020 (2020-12-30)	7
A	* step S105; figure 2 *	6
Y	JP 2019039637 A (HITACHI JOHNSON CONTROLS AIR CONDITIONING	7
	INC) 14 March 2019 (2019-03-14)	
	* paragraph [0060] - paragraph [0063] *	

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 The Hague	Date of completion of the search 20 September 2024	Examiner Anconetani, Mirco
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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

Application number:  
EP 21 92 46 43

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 20-09-2024.  
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