



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 86 49 17

Classification of the application (IPC):  
F01C 17/06, F04C 18/02, F04C 29/00

Technical fields searched (IPC):  
F04C, F01C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2006171830 A1 (TAKEI YUJI [JP]) 03 August 2006 (2006-08-03) * paragraphs [0031], [0034] - paragraph [0035]; figure 1 * * paragraph [0036] - paragraph [0039]; figure 2 * * paragraph [0048] - paragraph [0049]; figures 4a-4b *	1-3
Y,D	WO 2018003032 A1 (VALEO JAPAN CO LTD [JP]) 04 January 2018 (2018-01-04) * paragraph [0032]; figure 1 *	1-3
Y	JP S61126095 U (TOSHIBA CORPORATION) 07 August 1986 (1986-08-07) * page 8 - page 9; figures 1-3 *	1-3
Y	US 2013071279 A1 (LIZUKA JIRO [JP] ET AL) 21 March 2013 (2013-03-21) * figure 15 * * paragraph [0051] - paragraph [0058]; figure 1 *	1-3
A	WO 2019057056 A1 (EMERSON CLIMATE TECH SUZHOU CO LTD [CN]) 28 March 2019 (2019-03-28) * page 6, line 17 - page 7, line 6; figures 1a-1d * * page 7, line 7 - line 29; examples 2a-2d *	1-3

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 06 July 2023	Examiner Di Giorgio, F
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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 06-07-2023  
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