



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 96 51 18

Classification of the application (IPC):  
F25B 41/00, F25B 41/39, 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
X Y	JP 2016156557 A (JOHNSON CONTROLS HITACHI AIR CONDITIONING TECH (HONGKONG) LTD) 01 September 2016 (2016-09-01) * paragraphs [0045], [0046], [0069] - [0077]; figures 1,2 *	1-5, 10-13 6-9
X Y	US 2010115975 A1 (MITRA BISWAJIT [US] ET AL) 13 May 2010 (2010-05-13) * paragraph [0017] - paragraph [0037]; figure 2 *	1-5, 10-13 6-9
X Y	US 2011023514 A1 (MITRA BISWAJIT [US] ET AL) 03 February 2011 (2011-02-03) * paragraph [0016] - paragraph [0041]; figure 2 *	1-4, 10-13 6-9
Y	US 2020363102 A1 (ZHA SHITONG [US]) 19 November 2020 (2020-11-19) * paragraph [0036]; figure 2A *	6-9

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 13 November 2023	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 13-11-2023  
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