



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 86 15 15

Classification of the application (IPC):

F28B 1/06, F28B 1/00, F28B 9/04, F28B 9/06, F28B 9/08, F28F 9/00,
F28F 9/007

Technical fields searched (IPC):

F28B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y A	DE 102014112707 A1 (GEA ENERGIETECHNIK GMBH [DE]) 03 March 2016 (2016-03-03) * figure 5 *	1-7 8-15
Y A	FR 1249717 A (GEA LUFTKUEHLER HAPPEL GMBH) 30 December 1960 (1960-12-30) * figure 1 *	1-7 8-15
Y	US 2019242660 A1 (BADIN FRANCIS [BE] ET AL) 08 August 2019 (2019-08-08) * figure 1 *	5
A	WO 2019091869 A1 (SPX DRY COOLING BELGIUM [BE]) 16 May 2019 (2019-05-16) * figures 3,4 *	1

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 19 October 2023	Examiner Martínez Rico, Celia
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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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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7(completely); 14, 15(partially)

These claims define a vertically-extending internal support wall for bearing weight loads from elements of the steam condensation unit disposed above the integrated condensate manifold. These features allow the support of the steam condensation unit (see paragraph 0040 of the description). The problem to be solved by this invention is how to support the steam condensation unit.

2. claims: 8-13(completely); 14, 15(partially)

These claims define a steam condensation unit wherein the condensate collection volume and the condensate storage volume are separated by a partition, said condensate collection volume and said condensate storage volume being in fluid communication with one another via a first tube extending between the partition and a first outlet disposed in a lower region of the condensate storage volume, and via a second tube extending between the partition and a second outlet disposed in an upper region of the condensate collection volume. These features allow to collect and storage the condensate (see description paragraphs 0036 to 0039), which can be considered as the technical problem posed by this invention.

All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

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 19 October 2023	Examiner Martínez Rico, Celia
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 86 15 15

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 19-10-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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		WO 2019091869 A1	16-05-2019