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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 91 41 30

Classification of the application (IPC):

F28D 1/053, F28F 1/02, F28F 9/02, F28F 9/26, F28F 9/013, F28F 1/12

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	WO 2014103268 A1 (NIPPON LIGHT METAL CO [JP]; OKB CO LTD [JP]) 03 July 2014 (2014-07-03) * figure 2 *	1, 5, 13
X	EP 0564761 A2 (LAENGERER & REICH GMBH & CO [DE]) 13 October 1993 (1993-10-13) * figures 1, 2 *	1, 9, 13
X	WO 2020230267 A1 (MITSUBISHI ELECTRIC CORP [JP]) 19 November 2020 (2020-11-19) * figures 7, 10 *	1, 5, 13
X	JP H03279798 A (SHOWA ALUMINUM CORP) 10 December 1991 (1991-12-10) * figures 6-10 *	1, 5, 9, 11, 13
X	US 2014109609 A1 (YOSHIDA TAKESHI [JP] ET AL) 24 April 2014 (2014-04-24) * figures 2, 5 *	1, 5, 6, 8, 13
X	US 2019353426 A1 (RADZICKI JONATHAN [US]) 21 November 2019 (2019-11-21) * figure 5 *	1, 13
X	EP 0823609 B1 (DENSO THERMAL SYSTEMS SPA [IT]) 19 December 2001 (2001-12-19) * figures 2, 3 *	1, 9, 13

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 27 September 2024	Examiner Vassoille, Bruno
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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
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& : 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 27-09-2024.
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