



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 92 15 26

Classification of the application (IPC):

C22F 1/04, F04C 18/02, B21J 1/00, B21K 3/00, B21K 23/00, C22C 21/02, C22F 1/043

Technical fields searched (IPC):

C22C, F04C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	EP 1715084 A1 (SHOWA DENKO KK [JP]) 25 October 2006 (2006-10-25) * abstract * * paragraph [0092] * * paragraph [0110] - paragraph [0113] * * tables 5-7 * * examples 146, 150 *	1-4
X	US 2005109429 A1 (OKAMOTO YASUO [JP] ET AL) 26 May 2005 (2005-05-26) * abstract * * paragraph [0094] * * paragraph [0139] - paragraph [0144] * * tables 5-7 * * examples 146, 150 *	1-4
X	JP 2004232087 A (SHOWA DENKO KK) 19 August 2004 (2004-08-19) * abstract * * paragraph [0057] * * paragraph [0070] * * tables 5-7 * * examples 146, 150 *	1-4
A	JP H09209069 A (FURUKAWA ELECTRIC CO LTD) 12 August 1997 (1997-08-12) * abstract *	1-4

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 02 November 2022	Examiner Rosciano, Fabio
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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 02-11-2022
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1715084	A1	25-10-2006	EP 1715084 A1 WO 2005049896 A1	25-10-2006 02-06-2005
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JP 2004232087	A	19-08-2004	JP 4511156 B2 JP 2004232087 A	28-07-2010 19-08-2004
JP H09209069	A	12-08-1997	NONE	