



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 74 48 30

Classification of the application (IPC):

C22C 21/00, C22C 21/02, C22C 21/04, C22C 21/08, B22D 21/04, C22F 1/04, C22F 1/047

Technical fields searched (IPC):

C22C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP S6389640 A (SKY ALUMINIUM) 20 April 1988 (1988-04-20) * example 14; table 1 * * Down-right quadrant;page 233 * * Upper-right quadrant;page 234 * * Paragraph bridging upper-right and lower-left quadrants;page 234 * * claim 1 * * the whole document * & WO 8802411 A1 (SKY ALUMINIUM [JP]) 07 April 1988 (1988-04-07) * example 14; table 1 *	1-15
X	DE 1297872 B (ALUMINIUM GIESSEREI VILLINGEN) 19 June 1969 (1969-06-19) * column 1, line 40 - column 2, line 2 * * column 2, lines 9-14 * * the whole document *	1-5, 12-14
X	US 4976918 A (NISHI NAOMI [JP] ET AL) 11 December 1990 (1990-12-11) * example 17; table 1 *	1, 3, 5, 6, 13-15
A	US 3384477 A (ZUECH ROMEO A) 21 May 1968 (1968-05-21) * abstract * * table 1 *	1-14

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 26 September 2022	Examiner Ugarte, Eva
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| 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 |
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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 26-09-2022
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP S6389640 A	20-04-1988	JP S6389640 A KR 880701783 A WO 8802411 A1	20-04-1988 05-11-1988 07-04-1988
WO 8802411 A1	07-04-1988	JP S6389640 A KR 880701783 A WO 8802411 A1	20-04-1988 05-11-1988 07-04-1988
DE 1297872 B	19-06-1969	NONE	
US 4976918 A	11-12-1990	NONE	
US 3384477 A	21-05-1968	NONE	