



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 81 83 78

Classification of the application (IPC):

C22C 21/08, C22F 1/047, C22F 1/043, C22F 1/05, C22C 21/02, C22C 21/10, C22C 21/12, C22C 21/14, C22C 21/16, C22F 1/053, C22F 1/057, C22C 21/18

Technical fields searched (IPC):

C22C, C22F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP H0931616 A (NIPPON STEEL CORP; SKY ALUMINIUM) 04 February 1997 (1997-02-04) * abstract * * paragraph [0001] * * paragraph [0016] * * example A7; table 1 * * example 7; table 2 *	1-14
T	J GILBERT KAUFMAN: "Chapter 4 - Understanding the Aluminum Temper Designation System" <i>INTRODUCTION TO ALUMINUM ALLOYS AND TEMPER</i> , ASM INTERNATIONAL, 01 January 2000 (2000-01-01), DOI: 10.1361/iaat2000p039, pages 39-76, XP055681097 * Section "Adding Additional Digits to the T1 to T10 Tempers" *	
A	WO 2017106665 A1 (NOVELIS INC [US]) 22 June 2017 (2017-06-22) * abstract *	1-14
A	WO 2017106654 A2 (NOVELIS INC [US]; LEYVRAZ DAVID [CH]; DESPOIS AUDE [CH]) 22 June 2017 (2017-06-22) * abstract *	1-14
A	JP S63169353 A (FURUKAWA ALUMINIUM) 13 July 1988 (1988-07-13) * abstract *	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 25 May 2023	Examiner Rosciano, Fabio
------------------------------	---	-----------------------------

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 |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 81 83 78

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 25-05-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP H0931616	A	04-02-1997	NONE	
WO 2017106665	A1	22-06-2017	AU 2016369546 A1	14-06-2018
			BR 112018010166 A2	21-11-2018
			CA 3006318 A1	22-06-2017
			CN 108474066 A	31-08-2018
			CN 113278851 A	20-08-2021
			EP 3390678 A1	24-10-2018
			ES 2840673 T3	07-07-2021
			JP 6792618 B2	25-11-2020
			JP 2019501288 A	17-01-2019
			KR 20180095591 A	27-08-2018
			RU 2691081 C1	10-06-2019
			US 2017175239 A1	22-06-2017
			US 2019360082 A1	28-11-2019
			US 2020080182 A1	12-03-2020
			WO 2017106665 A1	22-06-2017
WO 2017106654	A2	22-06-2017	AU 2016369535 A1	14-06-2018
			BR 112017021504 A2	25-09-2018
			CA 2981329 A1	22-06-2017
			CN 108138269 A	08-06-2018
			CN 115584403 A	10-01-2023
			EP 3341502 A2	04-07-2018
			ES 2865350 T3	15-10-2021
			IL 259310 A	31-07-2018
			JP 6669773 B2	18-03-2020
			JP 7321828 B2	07-08-2023
			JP 2018513916 A	31-05-2018
			JP 2020015981 A	30-01-2020
			KR 20170125984 A	15-11-2017
			KR 20190065485 A	11-06-2019
			KR 20200003944 A	10-01-2020
			RU 2018121947 A	20-01-2020
			US 2017175240 A1	22-06-2017
			US 2020095664 A1	26-03-2020
			WO 2017106654 A2	22-06-2017
			ZA 201803115 B	25-08-2021
JP S63169353	A	13-07-1988	NONE	