



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 75 81 95

Classification of the application (IPC):
C22C 19/05, C22F 1/10, C22C 19/00

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,D	WO 2016129485 A1 (HITACHI METALS LTD [JP]; UNIV TOHOKU [JP]) 18 August 2016 (2016-08-18) * the whole document *	1-19
X,P	& US 2018023176 A1 (HAN GANG [JP] ET AL) 25 January 2018 (2018-01-25) * paragraphs [0027], [0046], [0048], [0056], [0081], [0097], [0102], [0105], [0107], [0110]; examples 1-3; tables 1, 3, 4 *	1-19
X	US 2016160334 A1 (IMANO SHINYA [JP] ET AL) 09 June 2016 (2016-06-09) * paragraphs [0075], [0076]; tables 1-2 *	1-19
X	US 2009123328 A1 (MATSUI TAKANORI [JP] ET AL) 14 May 2009 (2009-05-14) * paragraph [0028]; example 15; table 1 *	1-19
X	JP 2000345268 A (NIPPON SEISEN CO LTD; CHUO HATSUJO KK) 12 December 2000 (2000-12-12) * paragraphs [0053], [0054]; examples 1-5; table 1 *	1-19

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 06 July 2020	Examiner Martinavicius, A
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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 06-07-2020
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