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## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 90 68 96

**Classification of the application (IPC):**  
C22C 38/02, C22C 38/04, C21D 9/52, C21D 8/06, C21D 7/13, C21D 1/02

**Technical fields searched (IPC):**  
C22C, C21D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	KR 20160075956 A (POSCO [KR]) 30 June 2016 (2016-06-30) * paragraphs [0014], [0021], [0037], [0040]; claims 1-8; tables 1-2 *	1-6
X	JP 2016183408 A (NIPPON STEEL & SUMITOMO METAL CORP) 20 October 2016 (2016-10-20) * paragraph [0060]; claims 1-4; tables 1-1, 2-1 *	1-6
X	US 6264759 B1 (BAE CHUL MIN [KR] ET AL) 24 July 2001 (2001-07-24) * claims 1-7; tables 1-2 *	1-6
X	EP 3336205 B1 (POSCO [KR]) 03 June 2020 (2020-06-03) * paragraphs [0038] - [0041]; claims 1-2; tables 1-2 *	1-6
X	EP 1277846 B1 (KOBE STEEL LTD [JP]) 31 August 2005 (2005-08-31) * paragraphs [0035], [0040]; claims 1-3; tables 2, 3, 5, 6 *	1-6
X	KR 101676130 B1 (POSCO [KR]) 15 November 2016 (2016-11-15) * paragraphs [0048] - [0049]; claims 1, 4, 5, 8 *	1-6

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 11 October 2024	Examiner Pircher, Ernst
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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

Application number:  
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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 11-10-2024  
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