



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 91 56 55

### Classification of the application (IPC):

C22C 38/38, C22C 38/28, C22C 38/26, C22C 38/22, C21D 9/46, C21D 8/02, B32B 15/01, C22C 38/04, C21D 6/00, C22C 38/06, C22C 38/12

### Technical fields searched (IPC):

C22C, C21D, B32B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	KR 101607011 B1 (HYUNDAI STEEL CO [KR]) 28 March 2016 (2016-03-28) * paragraphs [0057], [0064] - [0066], [0070], [0074], [0077], [0087], [0088]; claims 1,3,4,6; tables 1-4 *	1-20
X	US 2012282487 A1 (OGAWA TOSHIO [JP] ET AL) 08 November 2012 (2012-11-08) * paragraphs [0041] - [0043], [0052], [0074], [0089], [0095]; claims 6, 8, 9; tables 1-3 *	1-20

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 07 May 2024	Examiner Rausch, Elisabeth
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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 07-05-2024.  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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