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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 84 17 87

Classification of the application (IPC):

C21D 1/04, C21D 9/00, C21D 9/46, C22C 38/16, C21D 9/56, C22C 38/00,
C23C 2/40, C23C 2/00, C23C 2/28, C23C 2/20, C23C 2/02, C23C 2/06,
C22C 38/32, C22C 38/02, C22C 38/04, C22C 38/08, C22C 38/38, C22C 38/06,
C22C 38/14, C22C 38/12

Technical fields searched (IPC):

C21D, C23C, C22C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2020195946 A1 (JFE STEEL CORP [JP]) 01 October 2020 (2020-10-01)	1-7, 10-16, 19-22
A	* the whole document * & EP 3907304 B1 (JFE STEEL CORP [JP]) 21 February 2024 (2024-02-21) * paragraphs [0025], [0026], [0033], [0045], [0049] - [0051], [0060], [0078]; figures 3A-3C; example B; table 1 *	8, 9, 17, 18
X	JP 2020153004 A (JFE STEEL CORP) 24 September 2020 (2020-09-24) * paragraphs [0016], [0021], [0030] - [0033], [0054]; figure 3; example A;	1-7, 10-16, 19-22
A	table 1 *	8, 9, 17, 18
E	EP 4177363 A1 (JFE STEEL CORP [JP]) 10 May 2023 (2023-05-10) * paragraphs [0093] - [0115]; tables 2, 3 *	1-8, 10-17, 19-22
E	EP 4183890 A1 (JFE STEEL CORP [JP]) 24 May 2023 (2023-05-24) * paragraphs [0036] - [0059], [0093] - [0104]; tables 1-5 *	1-8, 10-17, 19-22
A	JP 2004131794 A (NIPPON STEEL CORP) 30 April 2004 (2004-04-30) * the whole document *	1-22

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 27 August 2024	Examiner Martinavicius, A
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y: particularly relevant if combined with another document of the same category
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& : member of the same patent family, corresponding document

P: intermediate document
T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
D: document cited in the application
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 27-08-2024.
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