



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 89 19 14

Classification of the application (IPC):

C21B 5/00, C21B 7/24, F27B 1/26, F27B 1/28, F27D 21/00, F27D 19/00

Technical fields searched (IPC):

F27D, F27B, C21B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	JP H01136912 A (NIPPON KOKAN KK) 30 May 1989 (1989-05-30) * paragraph [0001] - paragraph [0003] * * claims 1, 2 * * figures 1-11 *	1-6 7, 8
X,P	KR 101858860 B1 (POSCO [KR]) 17 May 2018 (2018-05-17) * figures 1-5 * * paragraph [0001] - paragraph [0005] * * paragraph [0013] - paragraph [0043] *	1-6
X Y	CN 105886680 A (UNIV NORTHEASTERN) 24 August 2016 (2016-08-24) * figures 1-5 * * paragraph [0001] * * paragraph [0007] - paragraph [0042] * * paragraph [0051] - paragraph [0166] *	1-6 7, 8
Y	JP 2009230645 A (OKINAWA INST OF SCIENCE & TECH) 08 October 2009 (2009-10-08) * figures 1-12 * * paragraph [0001] - paragraph [0009] * * paragraph [0011] - paragraph [0030] * * paragraph [00173] *	7, 8
A	KR 20030063487 A (NIPPON STEEL & SUMITOMO METAL CORP) 28 July 2003 (2003-07-28) * figures 1-19 * * claims 1-33 *	3

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 04 December 2020	Examiner Jung, Régis
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CATEGORY OF CITED DOCUMENTS

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|---|--|
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| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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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 04-12-2020
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			WO 02053785 A1	11-07-2002