



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 90 43 28

Classification of the application (IPC):
B22D 11/115, B22D 11/16, B22D 11/18

Technical fields searched (IPC):
B22D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	EP 3415251 A1 (ABB SCHWEIZ AG) 19 December 2018 (2018-12-19) * paragraph [0032] - paragraph [0034]; figures 1,2,3 * * paragraph [0041] - paragraph [0045] * * paragraph [0057] *	1-15
X	JP 2019214056 A (NIPPON STEEL CORP) 19 December 2019 (2019-12-19) * Machine translation;paragraph [0050] - paragraph [0056]; figures 1-7 * * Machine translation;paragraph [0119] - paragraph [0132] *	1-7, 10-15
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X	JP 2018144107 A (NIPPON STEEL & SUMITOMO METAL CORP) 20 September 2018 (2018-09-20) * Machine translation;paragraph [0014] - paragraph [0024]; figures 1-7 *	1-11
X	WO 9911404 A1 (ASEA BROWN BOVERI [SE]; ERIKSSON JAN ERIK [SE]; HALLEFAELT MAGNUS [SE]) 11 March 1999 (1999-03-11) * paragraph [Summaryoftheinvention]; figures 1-4 *	1-11

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 30 November 2022	Examiner Desvignes, Rémi
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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 30-11-2022
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