



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 89 45 82

Classification of the application (IPC):
B61L 23/04, B61K 9/08

Technical fields searched (IPC):
B61L, B61K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2017164133 A1 (NIPPON STEEL & SUMITOMO METAL CORP [JP]) 28 September 2017 (2017-09-28)	1-8, 10-13, 15, 16
A	* the whole document *	9, 14
X,P	& EP 3434552 A1 (NIPPON STEEL & SUMITOMO METAL CORP [JP]) 30 January 2019 (2019-01-30)	1-8, 10-13, 15, 16
E	EP 3819186 A1 (NIPPON STEEL CORP [JP]) 12 May 2021 (2021-05-12) * the whole document *	1-16
E	EP 3677485 A1 (NIPPON STEEL CORP [JP]) 08 July 2020 (2020-07-08) * the whole document *	1-16
E	EP 3832284 A1 (NIPPON STEEL CORP [JP]) 09 June 2021 (2021-06-09) * the whole document *	1-16

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 31 August 2022	Examiner Robinson, Victoria
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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 31-08-2022
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