



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 95 67 08

Classification of the application (IPC):
B21B 37/58, B21B 37/68, B21B 38/02

Technical fields searched (IPC):
B21B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2012086043 A1 (MITSUBISHI HITACHI METALS [JP]; HAYASHI KANJI [JP] ET AL.) 28 June 2012 (2012-06-28) * claims 1-12; figures 1,2a-2b,4-6,8 *	1-8
A	US 2008134739 A1 (HAYASHI KANJI [JP] ET AL) 12 June 2008 (2008-06-12) * claims 1-5; figures 1,2a *	1-8
A	HANS WLADIKA ET AL: "Langzeiterfahrung mit einem Planlagemess - und -steuersystem fuer Warmbreitband" <i>STAHL & EISEN</i> , 02 November 1987 (1987-11-02), vol. 7, no. 22, pages 49-102, XP001381413 * page 50, left-hand column, line 8 - line 16 *	1-8

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 10 September 2024	Examiner Forciniti, Marco
------------------------------	---	------------------------------

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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 95 67 08

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 10-09-2024.
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO2012086043 A1	28-06-2012	BR 112013015399 A2	20-09-2016
		CN 103269810 A	28-08-2013
		EP 2656936 A1	30-10-2013
		JP 4792548 B1	12-10-2011
		JP WO2012086043 A1	22-05-2014
		KR 20130086652 A	02-08-2013
		US 2014007637 A1	09-01-2014
		WO 2012086043 A1	28-06-2012
		US 2008134739 A1	12-06-2008
CN 101189080 A	28-05-2008		
JP 4504874 B2	14-07-2010		
JP 2006346714 A	28-12-2006		
KR 20080017373 A	26-02-2008		
US 2008134739 A1	12-06-2008		
WO 2006134695 A1	21-12-2006		