



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 88 89 27

Classification of the application (IPC):
B61L 27/00, B61L 17/00, B61L 15/00

Technical fields searched (IPC):
B61L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 106553664 A (CASCO SIGNAL LTD) 05 April 2017 (2017-04-05)	1-5, 8-11
Y	* abstract; figure * * paragraphs [0001], [0004], [0006] - [0009] * * paragraphs [0014] - [0069] * * paragraphs [0077] - [0080] *	6, 7, 12
Y	CN 112590869 A (CHINA ACADEMY RAILWAY SCIENCES CORP LTD SIGNAL & COMM RES INST ET AL.) 02 April 2021 (2021-04-02) * the whole document * * abstract; figures 4,5 *	6, 7, 12
Y	CN 102303629 A (HENAN SPLENDOR SCIENCE & TECH) 04 January 2012 (2012-01-04) * the whole document *	6, 7, 12

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 September 2024	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 27-09-2024
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 106553664	A	05-04-2017	NONE	
CN 112590869	A	02-04-2021	NONE	
CN 102303629	A	04-01-2012	NONE	