



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 94 36 09

Classification of the application (IPC):

B63B 25/20, B63B 27/16, B66F 7/02, B66F 7/28, B63B 3/48, E04H 6/18

Technical fields searched (IPC):

E04H

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	US 2009087290 A1 (WASTEL ANDREAS [US]) 02 April 2009 (2009-04-02) * paragraph [0015] * * paragraph [0017] - paragraph [0018] * * paragraph [0033] - paragraph [0037] * * paragraph [0035] * * claims 7, 8 * * figures *	1, 2, 10 3-8
X	US 2247145 A (MUNSON BALDWIN DELAVAN) 24 June 1941 (1941-06-24) * page 2, column 1, line 30 - line 41 * * page 2, column 1, line 62 - line 64 * * page 2, column 2, line 26 - line 28 * * figures *	1-10
X	US 743381 A (GUNCKEL WINFIELD O [US]) 03 November 1903 (1903-11-03) * the whole document *	1-3
X,D	KR 101977611 B1 (DAELYUN ENG CO LTD [KR]) 13 May 2019 (2019-05-13) * paragraph [0013] - paragraph [0014] * * paragraphs [0028] - [0029] * * paragraph [0038] - paragraph [0049] * * figures *	1

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 16 July 2024	Examiner Barré, Vincent
------------------------------	--	----------------------------

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 20 94 36 09

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 16-07-2024
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
US 2009087290	A1	02-04-2009	NONE	
US 2247145	A	24-06-1941	NONE	
US 743381	A	03-11-1903	NONE	
KR 101977611	B1	13-05-2019	NONE	