

INTERNATIONAL SEARCH REPORT

International application No

PCT/ZA2017/050009

A. CLASSIFICATION OF SUBJECT MATTER

INV. B65D85/66 B65D88/12 B65D90/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B65D B60P B61D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2012/060725 A1 (EDWARDS ROBERT A [CA]) 15 March 2012 (2012-03-15)	1-3, 6-11,17, 18,20
A	page 2, paragraph 46 - page 3, paragraph 71 figures 1-15	12
X	JP 3 173308 U (?) 2 February 2012 (2012-02-02)	1-5,7, 17,18,20
A	figures 1-7	13
X	CN 202 754 273 U (CHINA RAILWAY UNITED LOGISTICS CO LTD; CSR ERQI CO LTD) 27 February 2013 (2013-02-27)	1,2,7,9, 13,14, 17-20
	figures 1-6	
	- / - -	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

23 May 2017

Date of mailing of the international search report

08/08/2017

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Piolat, Olivier

INTERNATIONAL SEARCH REPORT

International application No
PCT/ZA2017/050009

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP H07 53059 A (MITSUI BUSSAN; FURUKAWA SHIGENOBU) 28 February 1995 (1995-02-28) abstract; figures 1-11 -----	1,2,7, 17,18,20 12
X A	JP 2006 044795 A (SUMITOMO METAL LOGISTICS SERVI) 16 February 2006 (2006-02-16) abstract; figures 1, 4, 8 -----	1,2,7, 17,18,20 13
A	DE 43 12 668 A1 (EWALS & PARTNER GES FUER PROJE [DE]) 20 October 1994 (1994-10-20) column 2, line 13 - column 3, line 9 figure 1 -----	1,13
A	GB 2 476 299 A (LEACH CHARLES ALEXANDER FELIX [GB]; JOYCE JAMES CHRISTIAN [GB]) 22 June 2011 (2011-06-22) page 9, paragraph 45 - page 10, paragraph 47 figures 1, 2 -----	8,10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/ZA2017/050009

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-14, 17-20

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-14, 17-20

Coil transport apparatus and associated processes

2. claim: 15

Twist lock

3. claim: 16

Container transport apparatus

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/ZA2017/050009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012060725 A1	15-03-2012	CA 2751917 A1 US 2012060725 A1	09-03-2012 15-03-2012
JP 3173308 U	02-02-2012	NONE	
CN 202754273 U	27-02-2013	NONE	
JP H0753059 A	28-02-1995	NONE	
JP 2006044795 A	16-02-2006	JP 4121519 B2 JP 2006044795 A	23-07-2008 16-02-2006
DE 4312668 A1	20-10-1994	NONE	
GB 2476299 A	22-06-2011	NONE	