



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
8 November 2012

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2011/054556

A. CLASSIFICATION OF SUBJECT MATTER
INV. B66F9/18
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)
B66F

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)

EP0-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 3 734 324 A (LYNCH P ET AL) 22 May 1973 (1973-05-22)	1,2,5,6, 9,70,71
Y	column 2, lines 22-46 figures 1,5	3,4,7,8
X	US 4 824 318 A (DONES ANGEL [US]) 25 April 1989 (1989-04-25) line 59 - column 3, line 64 figures 1,2, 7	1,5,9,70
X	EP 1 129 982 A2 (SMV LIFTTRUCKS AB [SE] SMV KONECRANES AB [SE]) 5 September 2001 (2001-09-05)	1,5,9,70
Y	paragraphs [0003], [0004], [0009] - [0032] figure 1	7,8
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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

26 March 2012

Date of mailing of the international search report

10/09/2012

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2011/054556

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 592 234 A1 (BOSS TRUCKS LTD [GB] BOSS GROUP LTD [GB]) 13 April 1994 (1994-04-13)	3,4
A	abstract column 1, lines 16-34 column 3, line 14 - column 6, line 5 figures 4,5 claim 1 -----	1,70
A	US 4 395 190 A (BARCHARD JOHN) 26 June 1983 (1983-06-26) column 1, lines 22-27 column 4, line 48 - column 5, line 16 figure 1 -----	3,4,7,8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2011/054556

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3734324	A	22-05-1973	NONE	
US 4824318	A	25-04-1989	NONE	
EP 1129982	A2	05-09-2001	AT 301614 T DE 60112490 D1 DE 60112490 T2 EP 1129982 A2 JP 2001247297 A SE 523505 C2 SE 0000700 A US 2001018994 A1	15-08-2005 15-09-2005 18-05-2006 05-09-2001 11-09-2001 27-04-2004 04-09-2001 06-09-2001
EP 0592234	A1	13-04-1994	DE 69319398 D1 DE 69319398 T2 EP 0592234 A1 ES 2118905 T3 GB 2271335 A	06-08-1998 22-04-1999 13-04-1994 01-10-1998 13-04-1994
US 4395190	A	26-06-1983	NONE	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-9, 70, 71

An equipment for engaging a container, with a specific position with respect to the apparatus and an apparatus comprising said equipment.

2. claims: 10-34, 61, 63, 64

An equipment for engaging a container, having means for connecting to the apparatus.

3. claims: 35-45

An equipment for engaging a container, having means for moving a support and guide means.

4. claims: 46-60, 62, 65-69

An equipment for engaging a container, having a bracket for supporting the engaging means.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2011/054556

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.:

1-9, 70, 71

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.