





---

**(88) Date of publication of the international search report:**

27 December 2012

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2012/051745

A. CLASSIFICATION OF SUBJECT MATTER  
INV. B65B11/00 B65H19/12  
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)  
B65B B65H

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. |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A         | US 5 787 691 A (TURFAN FARUK M [CA] ET AL)<br>4 August 1998 (1998-08-04)<br>column 6, lines 46-60; figures 10-11<br>column 7, lines 29-33<br>----- | 1-18                  |
| A         | EP 0 392 933 A1 (NEWTEC INT [FR])<br>17 October 1990 (1990-10-17)<br>column 3, lines 24-32; figure 1<br>-----                                      | 1-18                  |
| A         | EP 0 336 517 A1 (HALOILA M OY AB [FI])<br>11 October 1989 (1989-10-11)<br>abstract<br>-----                                                        | 1,13                  |



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

20 July 2012

Date of mailing of the international search report

29/10/2012

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

Garlati, Timea

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2012/051745

## 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.:

1-18

### 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: 1-18

A machine and method for wrapping a load, with second frame means movable along an advancing direction.

---

2. claims: 19-29

A machine for wrapping a load, with an arm slidably mounted on the supporting means of the second frame means.

---

3. claims: 30-40

A machine for wrapping a load, with gripping means.

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2012/051745

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date       |
|-------------------------------------------|---------------------|----------------------------|---------------------------|
| US 5787691                                | A                   | 04-08-1998                 | AR 002308 A1 11-03-1998   |
|                                           |                     |                            | BR 9601788 A 09-09-1997   |
|                                           |                     |                            | CA 2176439 A1 09-12-1996  |
|                                           |                     |                            | DE 69600823 D1 26-11-1998 |
|                                           |                     |                            | DE 69600823 T2 01-04-1999 |
|                                           |                     |                            | EP 0747287 A1 11-12-1996  |
|                                           |                     |                            | NO 962419 A 09-12-1996    |
|                                           |                     |                            | US 5787691 A 04-08-1998   |
|                                           |                     |                            | US 5878555 A 09-03-1999   |
| -----                                     |                     |                            |                           |
| EP 0392933                                | A1                  | 17-10-1990                 | AT 107591 T 15-07-1994    |
|                                           |                     |                            | DE 69010058 D1 28-07-1994 |
|                                           |                     |                            | DE 69010058 T2 13-10-1994 |
|                                           |                     |                            | EP 0392933 A1 17-10-1990  |
|                                           |                     |                            | ES 2058836 T3 01-11-1994  |
|                                           |                     |                            | FI 891798 A 15-10-1990    |
|                                           |                     |                            | US 4993209 A 19-02-1991   |
| -----                                     |                     |                            |                           |
| EP 0336517                                | A1                  | 11-10-1989                 | CA 1308643 C 13-10-1992   |
|                                           |                     |                            | DE 68902074 D1 20-08-1992 |
|                                           |                     |                            | DE 68902074 T2 14-01-1993 |
|                                           |                     |                            | EP 0336517 A1 11-10-1989  |
|                                           |                     |                            | ES 2034581 T3 01-04-1993  |
|                                           |                     |                            | FI 881601 A 07-10-1989    |
|                                           |                     |                            | US 4936080 A 26-06-1990   |
| -----                                     |                     |                            |                           |