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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))

[Continued on next page]

(54) Title: BAGGING ASSEMBLY

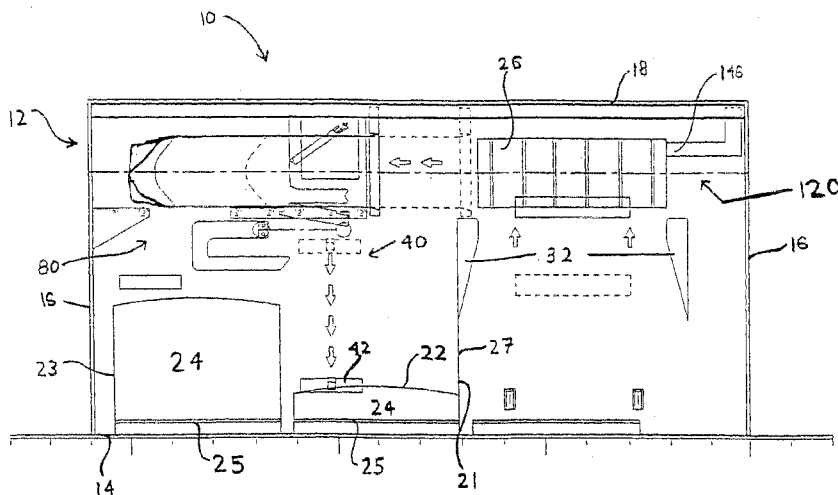


FIG. 1

(57) Abstract: A bagging assembly for bagging bales of fibrous material is disclosed. The bagging assembly incorporates a chute defining a channel for receiving a bale, which is pushed there between by a stuffing assembly. Aspects of the bagging assembly include raising a bale using a bale elevator to a higher elevation position so that the bale could be stuffed by the stuffing assembly and using a bag retrieving mechanism for retrieving a bag from a bag location for use in bagging the bale.



— *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))*

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3 December 2009

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/035914**A. CLASSIFICATION OF SUBJECT MATTER*****B65B 43/18(2006.01)i, B65B 43/16(2006.01)i, B65B 49/08(2006.01)i, B65B 51/05(2006.01)i***

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)

IPC: B65B 43/18, B65B 43/16, B65B 49/08, B65B 51/05

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

Korean Utility models and applications for Utility Models since 1975

Japanese Utility models and applications for Utility Models since 1975

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

eKOMPASS (KIPO internal) & Keywords : bale, bagging, transfer, stuffing, positioning, arm, chute, and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 7013625 B2 (CURLS, CURTIS THOMAS) 21 March 2006 See abstract, column 4 lines 35-67, column 6 lines 10-39, column 8 lines 4-19, 40-63, column 9 lines 20-47, column 10 lines 36-46, column 11 lines 1-31, and figures 1A-13B.	1-6, 37-42
Y	KR 20-0355927 Y1 (LEE, J. Y.) 01 July 2004 See abstract, and figures 4a-11.	1-6, 37-42
Y A	US 4561238 A1 (ODOM, ROBERT E.) 31 December 1985 See abstract, column 3 lines 64-65, and figure 3.	1-6 37-42
Y A	JP 64-020410 U (KANEBOU K.K.) 01 February 1989 See claim, and figures 1-6.	1-6 37-42
A	US 4541227 A1 (COAD, EDWARD F.; LAIRD, CAROL G.) 17 September 1985 See abstract, and figures 1-8.	1-6, 37-42
A	US 5628168 A (INMAN, LARRY R.; KOSKELA, MICHAEL H.) 13 May 1997 See abstract, and figures 1-14.	1-6, 37-42



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 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

13 OCTOBER 2009 (13.10.2009)

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Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/035914**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 extra 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 fee, this Authority did not invite payment of any additional fee.
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.: 1-6, 37-42

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.

Continuation of Box No. III:

Group I: Claims 1-6, 37-42 relate to a bagging assembly for bagging a pressed bale or a method for bagging a pressed bale which includes a retrieval assembly for lifting a bag from a plurality of bags, and an arm which inserted into an open end of the bag and expanding the open end.

Group II: Claims 7-14 relate to a bagging assembly for bagging a pressed bale comprising a chute which has a one piece continuous center section and two side sections being spaced from one another and each having a radially outwardly flared section.

Group III: Claims 15-29 relate to a bagging assembly for bagging a pressed bale or a method for bagging a pressed bale which includes a chute being movable.

Group IV: Claims 30-36, 43-44 relate to a method for bagging a pressed bale comprising placing a pressed bale into a bag, folding an open end of the bag, and discharging a staple into an overlapped sections of the bag.

The inventions listed as groups I to IV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2 they lack the same or corresponding special technical features.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/035914

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 7013625 B2	21.03.2006	US 2004-0216431 A1	04.11.2004
KR 20-0355927 Y1	01.07.2004	None	
US 4561238 A1	31.12.1985	None	
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US 4541227 A1	17.09.1985	None	
US 5628168 A	13.05.1997	EP 0789993 A3	09.09.1998
		EP 0789993 A2	20.08.1997
		US 5398487 A	21.03.1995
		US 5692363 A	02.12.1997