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Published:

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- (88) Date of publication of the international search report:
9 February 2017

(54) Title: CASSETTE AND APPARATUS FOR USE IN DISPOSING WASTE MATERIALS INTO AN ELONGATED FLEXIBLE TUBE

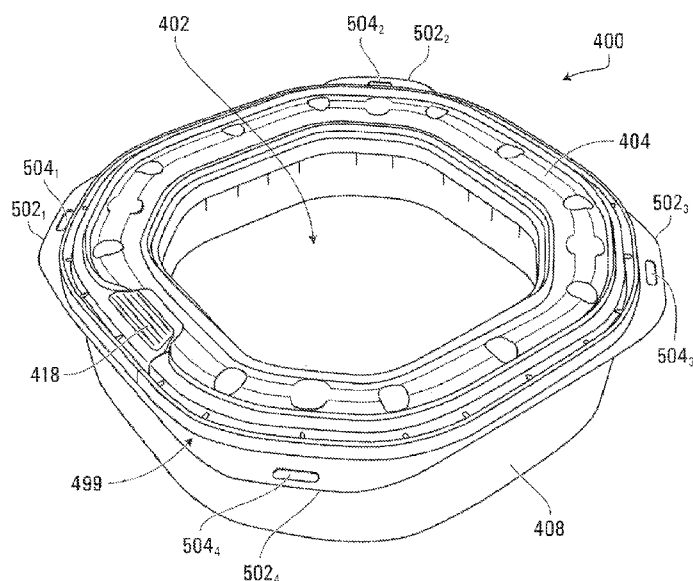


FIG. 1A

(57) Abstract: A cassette (400) for packing waste material into an elongated tube of flexible material is provided. The cassette (400) includes a ring-shaped receptacle (408) defining a central opening (402) and a storage area (425) for receiving the elongated tube of flexible material. The cassette (400) also includes a cover (404) at a top portion of the storage area (425) and a plurality of projecting elements (502) extending from a periphery of the cassette (400) and being configured to support the cassette (400) in a waste storage container (101). Also provided is a cassette (400) which includes a lip (499) having a variable projection width. A waste storage container (101) is also provided including a cassette holder (14) having a hollow area for removably receiving a cassette (400), the cassette (400) being configured to matingly fit into the hollow area.

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2016/053505

A. CLASSIFICATION OF SUBJECT MATTER
INV. B65F1/06 B65B67/12
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)
B65F A47K B65B

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2 640 384 A1 (ANGELCARE DEV INC [CA]) 5 April 2009 (2009-04-05) cited in the application figures 2A-2B, 5A-5B page 7, line 35 - page 8, line 30 -----	1,10,17, 23
X	WO 2006/029038 A2 (PLAYTEX PRODUCTS INC [US]; STRAVITZ DAVID M [US]; CHOMIK RICHARD S [US] 16 March 2006 (2006-03-16) figures 14-15 paragraphs [0171] - [0172] ----- -/--	1-7, 9-11, 15-18, 23,24

☒ 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)

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"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

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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2009/141583 A1 (SANGENIC INTERNATIONAL LTD [GB]; CUDWORTH NICHOLAS [GB]) 26 November 2009 (2009-11-26) figures 10-13 page 11, line 24 - page 15, line 26 -----	1-3,5-7, 9-13, 15-20, 23-25
A	CA 2 726 926 A1 (ANGELCARE DEV INC [CA]) 22 March 2011 (2011-03-22) figures 6A-6D -----	12,13, 19,20,25
A	US 2014/110293 A1 (DUNN STEVEN BRYAN [US] ET AL) 24 April 2014 (2014-04-24) figures 1-21 paragraph [0032] -----	1,10,17, 23

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/053505

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.:

1-20, 23-25

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: 1-20, 23-25

Cassette comprising supporting means

2. claims: 21, 22, 26

Cassette comprising a continuous gap

3. claims: 27-31

A refill for a cassette

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2016/053505

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