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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

(88) Date of publication of the international search report: 18 May 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CARTON WITH ARTICLE OPENING

(57) Abstract: A carton (100) for containing a number of articles with each article having an article diameter. The carton may include a front wall (110), a top wall (130), a pair of sidewalls (150,160), and an access aperture (190) formed along the front wall, the top wall, and the sidewalls. The access aperture extends along the front wall from the top wall for less than one article diameter and extends along each of the sidewalls from the top wall for more than one article diameter.
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**
B65D7/00

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

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 practical, search terms used)
EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
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<th>Relevant to claim No.</th>
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A  
page 5, line 19 - page 7, line 22; figures 1-6

A  
US 2004/060972 A1 (HARRELSON GLENN)
1 April 2004 (2004-04-01)
cited in the application paragraphs ‘0023! , ‘0029! , ‘0030! ; figures 8,9

A  
US 6 283 293 B1 (LINGAMFELTER C. BROWN)
4 September 2001 (2001-09-04)
cited in the application column 2, lines 14-30; claim 1; figures 1,2

X  
Further documents are listed in the continuation of Box C.

X  
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 document but published on or after the international filing date

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Date of the actual completion of the international search
9 February 2006

Date of mailing of the International search report
03.03.2006

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Form PCT/ISA/210 (second sheet) (April 2000)
<table>
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| X        | GB 2 379 923 A (A & R CARTON)  
26 March 2003 (2003-03-26)  
pages 4-5; figure 1  | 14-20                |
| X        | US 4 441 612 A (KINGSLEY ET AL)  
10 April 1984 (1984-04-10)  
column 2, line 14 - column 3, line 6;  
figures 1,2  | 14,15,20               |
| A        | US 2004/164133 A1 (HARRELSON GLEN R)  
26 August 2004 (2004-08-26)  
paragraphs '0028' - '0045'; figures 1-5  | 7-13                  |
| A        | US 2004/164136 A1 (HARRELSON GLEN R)  
26 August 2004 (2004-08-26)  
paragraphs '0022' - '0035'; figures 1-4  | 7-13                  |
This International Search Report has not been established in respect of certain claims under Article 17(2)(e) 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).

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 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.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant’s protest.

☑ No protest accompanied the payment of additional search fees.
This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6

   carton with an access aperture with a front wall height less than the diameter of an article and a sidewall height greater than the diameter of an article;

2. claims: 7-13

   carton with an access aperture beginning along the front wall and the pair of sidewalls about one half of the article diameter from the top wall and ending about one half of the article diameter from the bottom wall

3. claims: 14-20

   carton with an access panel and a plurality of tear lines positioned on the front line adjacent to the access panel.
<table>
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<tr>
<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
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