Title: REINFORCED POLYMER CONTAINERS AND SHEETS

Abstract: The containers and sheets of the invention are made from compositions containing a polymer, a high aspect ratio filler and a low aspect ratio filler, with the low aspect ratio filler being at least 50% by weight of the filler used. In one container embodiment, the container has a base (14) and a wall (15) extending upward from it.
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

- **IPC(7)**: B32B 1/08, 27/20.
- **US CL**: 428/35.7, 36.8, 36.92.

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)

- U.S.: 428/35.7, 36.8, 36.92.

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)

Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 5,225,466 A (AKAO) 06 July 1993, col. 1, line 14; col. 2, lines 57-60; col. 4, lines 22-27; Figure 5.</td>
<td>1-22</td>
</tr>
<tr>
<td>Y</td>
<td>JP 61032743 (No name on Derwent abstract) 15 February 1986 (15.02.86), second paragraph and use/advantage sections of abstract.</td>
<td>1-22</td>
</tr>
</tbody>
</table>

☐ 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
- "B" earlier application or patent 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

"I" 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: 27 June 2002 (27.06.2002)

Date of mailing of the international search report: 01 AUG 2002

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231
Facsimile No. (703)305-3230

Authorized officer: Sandra Nolan
Telephone No. 703/308-0661

Form PCT/ISA/210 (second sheet) (July 1998)
Continuation of Item 4 of the first sheet:
The title exceeds the 7 word maximum guideline.
The new title is: REINFORCED POLYMER CONTAINERS AND SHEETS

---

**Continuation of B. FIELDS SEARCHED Item 3:**
WEST: Derwent abstracts. Search terms: low aspect ratio, high aspect ratio, talc, barium sulfate, barium sulphate, calcium carbonate, container.