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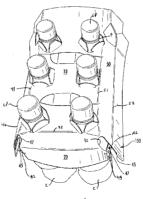


FIG. 4

(57) Abstract: A package for holding a plurality of containers. The package has a top panel, end panels and side panels. The package has retention features for retaining the containers. The package has gussets for positioning the end panels and side panels around the containers.



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#### A. CLASSIFICATION OF SUBJECT MATTER

#### B65D 71/40(2006.01)i, B65D 71/12(2006.01)i, B65D 67/02(2006.01)i, B65D 71/32(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: B65D

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) eKIPASS (KIPO internal) & Keywords: package, container, sheet, board

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5746310 A (EDWARD J. SLOMSKI) 5 May 1998 See Figure 3 and Column 2 Line 35 - Column 3 Line 30	1-27
A	US 2002-0195371 A1 (ERIC BROWN) 26 December 2002 See Figure 1 and Paragraphs [0009]-[0015]	1-27
A	US 6896130 B2 (MARCUS THEELEN) 24 May 2005 See Figure 4 and Abstract	1-27

		Further	documents	are	listed	in	the	contir	ıuation	of:	Box	C.
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See patent family annex.

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INTERNATIONAL SEARCH REPORT Information on patent family members			International application No. PCT/US2008/083500	
Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
US 5746310 A	05.05.1998	AU 4684997 A AU 712694 B2 CA 2220841 A1 EP 0846630 A1 JP 10-194331 A	11. 06. 1998 11. 11. 1999 05. 06. 1998 10. 06. 1998 28. 07. 1998	
US 2002-0195371 A1	26.12.2002	US 6679380 B2	20.01.2004	
US 6896130 B2	24.05.2005	US 2004-0011674 A1	22.01.2004	