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(54) **Collapsible box with corner reinforcements**

(57) A box precursor which is generally flat, having preformed fold lines to allow it to be opened out to form a box. The box precursor has corner elements (8) which expand for form corner posts when the box precursor is

opened out to form the box. The box precursor also having resistance elements (26) which on opening out of the box precursor provides resistance against the box collapsing towards its box precursor form.

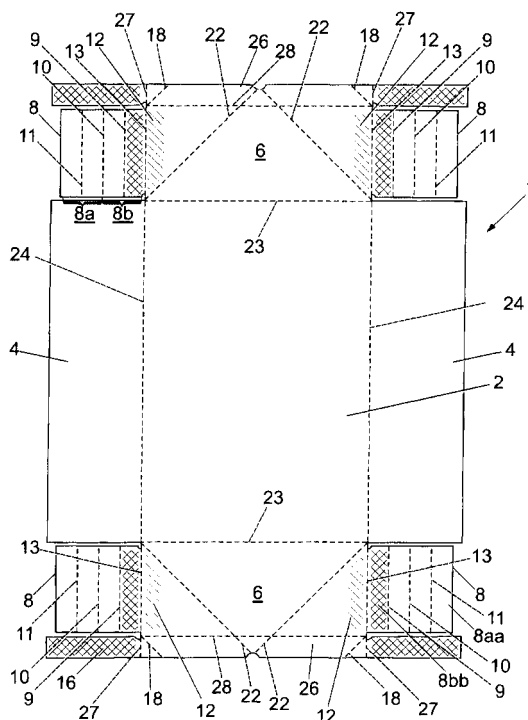


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 30 6507

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	GB 2 205 083 A (PACK V) 30 November 1988 (1988-11-30) * page 3, line 3 - line 15; figure 1 * ---	1-15, 18, 19	B65D5/36 B65D5/00
X	EP 0 394 544 A (HOFFMANN GUENTER GMBH CO KG) 31 October 1990 (1990-10-31) * column 1, line 25 - column 2, line 40; figures 3,6 * -----	1-11, 14-19	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B65D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 9 October 2001	Examiner Sundell, O
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 30 6507

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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09-10-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2205083	A	30-11-1988	NONE	
<hr/>				
EP 0394544	A	31-10-1990	DE 3913890 A1	31-10-1990
			AT 73079 T	15-03-1992
			DE 58900930 D1	09-04-1992
			EP 0394544 A1	31-10-1990
			EP 0394549 A1	31-10-1990
			ES 2029548 T3	16-08-1992
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