



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
23.03.2005 Bulletin 2005/12

(51) Int Cl.7: B65D 71/00

(43) Date of publication A2:
30.06.2004 Bulletin 2004/27

(21) Application number: 04007636.6

(22) Date of filing: 13.07.2000

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

(30) Priority: 13.07.1999 GB 9916343

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
00947277.0 / 1 200 315

(71) Applicant: MeadWestvaco Packaging Systems
LLC
Stamford, Connecticut 06905 (US)

(72) Inventors:
• Auclair, Jean-Michel
36000 Chateauroux (FR)
• Blin, Patrick
Domaine de la Vallee 36000 Chateauroux (FR)

(74) Representative: Hepworth, John Malcolm et al
Hepworth Lawrence Bryer & Bizley
Bloxam Court
Corporation Street
Rugby, Warwickshire CV21 2DU (GB)

(54) Carton and a handle therefor

(57) A carton for packaging four or more rows of articles for example bottles, which carton comprises a plurality of panels for forming a tubular structure including opposed first and second side wall panels (16,21), wherein the first and second side wall panels (16,21) each comprising a pair of apertures (81) to receive and

retain a part of an article, characterised in that the first and second apertures of the first side wall (16) engage an outermost article from a first row (A1) and a second row (A2) and in that third and fourth apertures of the second side wall panel (21) engage an outermost article from a third row (A3) and fourth row (A4).

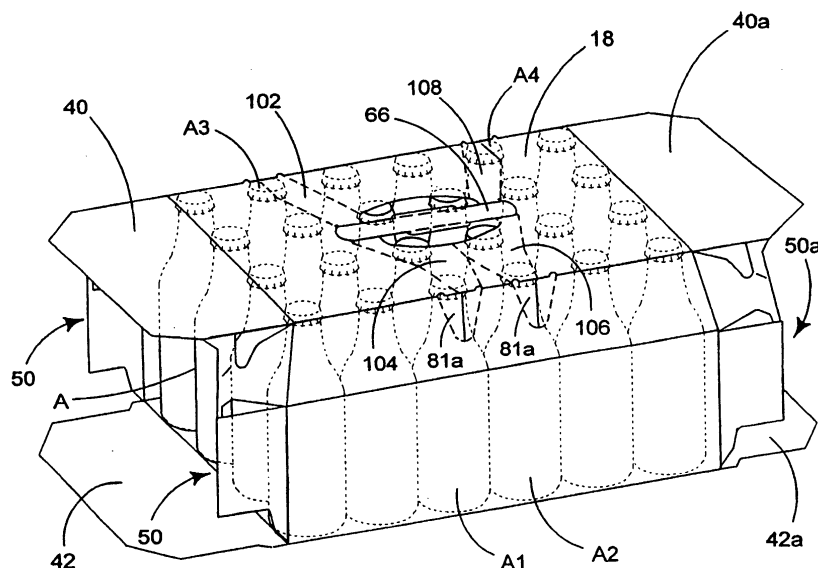


FIGURE 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 00 7636

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	US 4 498 582 A (TOMASSI ET AL) 12 February 1985 (1985-02-12) * column 1, lines 64-67; figures 1,3 * -----	1-6	B65D71/00
X	US 4 440 340 A (BAKX ET AL) 3 April 1984 (1984-04-03) * column 3, lines 17-26; figures 1,2 * -----	1-6	
A	US 2 171 615 A (WESSELMAN ALBERT) 5 September 1939 (1939-09-05) * column 3, lines 64-74; figures 2,3 * -----	1-6	
A	US 5 351 878 A (COOPER ET AL) 4 October 1994 (1994-10-04) * figures 1,2 * -----	1-3	
			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 27 January 2005	Examiner Vollering, J
<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>			

2
EPO FORM 1503 03/82 (P04C01)

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

EP 04 00 7636

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-01-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4498582	A	12-02-1985	NONE

US 4440340	A	03-04-1984	AU 546809 B2 19-09-1985
		AU 8370882 A	02-12-1982
		CA 1203207 A1	15-04-1986
		DE 3273135 D1	16-10-1986
		EP 0072089 A1	16-02-1983
		ES 274516 U	01-02-1984
		JP 1731024 C	29-01-1993
		JP 3053171 B	14-08-1991
		JP 58011647 A	22-01-1983

US 2171615	A	05-09-1939	NONE

US 5351878	A	04-10-1994	AT 186272 T 15-11-1999
		AU 672134 B2	19-09-1996
		AU 7524594 A	29-05-1995
		BR 9405524 A	08-09-1999
		CA 2152495 A1	18-05-1995
		DE 69421516 D1	09-12-1999
		DE 69421516 T2	06-07-2000
		EP 0679139 A1	02-11-1995
		ES 2137376 T3	16-12-1999
		FI 953019 A	19-06-1995
		JP 3373522 B2	04-02-2003
		JP 8505594 T	18-06-1996
		NO 952747 A	11-07-1995
		NZ 271573 A	24-11-1997
		WO 9513232 A1	18-05-1995
		ZA 9408977 A	18-07-1995
