



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 285 855 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
13.08.2003 Bulletin 2003/33

(51) Int Cl.7: **B65D 5/60, B65D 5/56**

(43) Date of publication A2:
26.02.2003 Bulletin 2003/09

(21) Application number: **02018805.8**

(22) Date of filing: **22.08.2002**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Thibault, Richard C**
Pennsylvania 10171 (US)

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

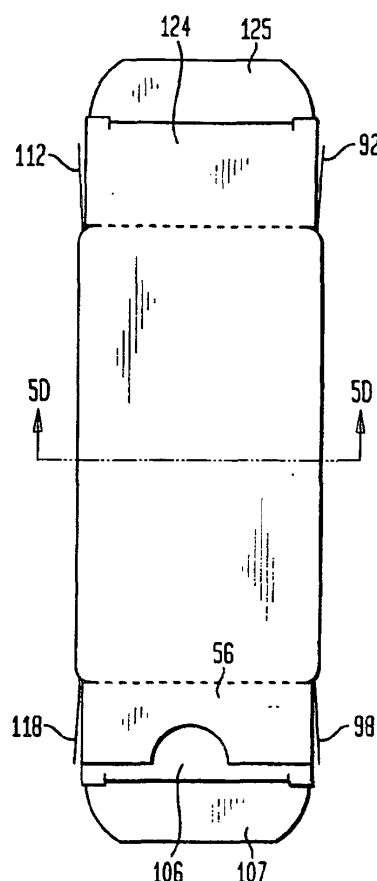
(30) Priority: **22.08.2001 US 934822**

(71) Applicant: **Westvaco Packaging Group Inc.**
New York, New York 10171 (US)

(54) **Two box container made of a composite blank and methods therefor**

(57) A container includes a first blank (10) having fold lines (12,14,16) and a series of substantially rectangular panels (18,20,22,24) hingedly connected to one another at the fold lines (12,14,16) of the first blank (10), and a second blank (70) having fold lines (72,74,76,78) and a series of substantially rectangular panels (80,82,84,86,88) hingedly connected to one another at the fold lines (72,74,76,78) of the second blank (70). The first and second blanks are adhered to one another to form a composite blank that is spirally foldable to form the double-walled container, whereby the first blank (10) forms an inner box of the container and the second blank (70) forms an outer box of the container that surrounds the inner box. The first blank (10) forming the inner box may be made of a material that is different in composition and/or thickness than the material used to form the second blank (70) forming the outer box. The first and second blanks may also be made of similar materials.

FIG. 4D



EP 1 285 855 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 01 8805

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 Y	US 5 328 091 A (KOSS RICHARD J) 12 July 1994 (1994-07-12) * column 2, line 66 - line 68 * * column 3, line 1 - line 26 * * column 4, line 56 - line 68 * * column 5, line 1 - line 38 * * figures 5-7 * ---	1-10, 17-20 11-16,21	B65D5/60 B65D5/56
Y	DE 91 11 855 U (A. LANDERER GMBH & CO KG) 5 December 1991 (1991-12-05) * the whole document * ---	11-16,21	
X A	US 5 615 795 A (TIPPS STEVEN V) 1 April 1997 (1997-04-01) * column 2, line 67 - line 68 * * column 3, line 1 - line 6 * * column 3, line 36 - column 4, line 9 * * column 5, line 5 - line 13 * * column 5, line 49 - line 51 * * figures 1,2 * ---	1-3 4-21	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B65D
X A	FR 2 112 735 A (CAPRON BOUCHER ET FILS) 23 June 1972 (1972-06-23) * page 2, line 6 - page 3, line 21 * * figures 1,2 * ---	1-5 6-21	
X A	US 3 075 683 A (AARON GROSSMAN ET AL) 29 January 1963 (1963-01-29) * column 1, line 34 - line 42 * * column 2, line 11 - column 3, line 28 * * figures 1,2 * -----	1-3 4-21	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 23 May 2003	Examiner Nistor, L
CATEGORY OF CITED DOCUMENTS 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 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			

EPO FORM 1503 03.82 (P04C01)

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

EP 02 01 8805

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.

23-05-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5328091	A	12-07-1994	US CA	5222660 A 2085170 A1	29-06-1993 13-06-1993

DE 9111855	U	05-12-1991	DE	9111855 U1	05-12-1991

US 5615795	A	01-04-1997	NONE		

FR 2112735	A	23-06-1972	FR	2112735 A5	23-06-1972

US 3075683	A	29-01-1963	NONE		
