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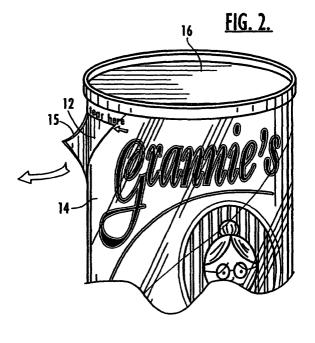
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(54) Removable film label for composite containers

(57) A multi-ply composite container (10) for consumer products is provided having a tubular body ply (12) and a film label ply (14). The tubular body ply (12) is formed of paperboard material, and the film label ply (14) is peelably adhered to the outer surface of the tubular body ply (12). The film label ply (14) is comprised of a polymeric film having inner and outer layers formed from polymeric materials. The inner layer is permanently bonded to the outer layer such that the layers provide a

film label ply (14) having predictable tear characteristics, yet having the necessary strength to prevent premature rupture of the container (10). An adhesive is applied on at least a portion of the inner layer of the film label ply (14). The adhesive is for peelably adhering the label ply to the outer surface of the tubular body ply (12). A plurality of perforations or a laser score may also be included for directed a tear in the film label ply (14). Graphical matter can be included on at least a portion of the inner or outer layer of the film label ply (14).





EUROPEAN SEARCH REPORT

Application Number

EP 01 30 1853

	DOCUMENTS CONSID	ERED TO BE RELEVANT				
Category	Citation of document with in of relevant passa	dication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
A,D	25 November 1980 (1	CKE ROBERT A ET AL) 980-11-25) - column 3, line 7 *	1	B65D3/22 B65D3/26 B32B27/08 G09F3/10		
A	AL) 27 February 199	- column 5, line 11 *	1			
X	US 5 151 309 A (DOL 29 September 1992 (* column 1, line 10 * column 4, line 13 * column 9, line 29 * figures 2,4,5 *	1992-09-29)	20-38			
X	EP 0 950 511 A (AVE 20 October 1999 (19 * paragraphs [0015] * claims 1,28 * * figure 1 *	99-10-20)	20-38	TECHNICAL FIELDS SEARCHED (Int.CI.7)		
X	PATENT ABSTRACTS OF vol. 1997, no. 07, 31 July 1997 (1997- -& JP 09 058740 A (LTD), 4 March 1997 * abstract * * paragraphs [0007] * figure 3 *	07-31) DAINIPPON PRINTING CO (1997-03-04)	20-38	G09F B32B B31B B31D		
A	EP 0 317 675 A (SHE 31 May 1989 (1989-0 * page 1, line 55 - * page 5, line 29 - * figures 9-11 *	5-31) page 2, line 7 *	29,30			
	The present search report has b	een drawn up for all claims				
	Place of search	Date of completion of the search		Examiner		
	MUNICH	31 October 2003	Roc	lriguez Gombau, F		
X: particularly relevant if taken alone X: particularly relevant if combined with another Courant of the same category Courant of th				the application		

EPO FORM 1503 03.82 (P04C01)

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

EP 01 30 1853

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.

31-10-2003

Patent document cited in search report		Publication date	Publication date		Patent family member(s)	
US 423534	1 A	25-11-1980	NONE	· · · · · · · · · · · · · · · · · · ·		
US 549421	5 A	27-02-1996	CA US	2151539 5547451		23-12-1999 20-08-1999
US 515130	9 A	29-09-1992	AT AU CA DE DK EP ES JP JP WO		B2 A A1 D1 T2 T3 A1 T3 T B2	15-02-199 07-10-199 17-01-199 06-01-199 14-03-199 05-09-199 24-06-199 22-04-199 16-03-199 04-03-199 26-11-200
EP 095051	1 A	20-10-1999	US EP US	6461706 0950511 2002146551	A2	08-10-200 20-10-199 10-10-200
JP 090587	40 A	04-03-1997	NONE			
EP 031767	5 A	31-05-1989	EP AT DE DE ES US	0317675 77323 3779922 3779922 2032836 4766019	T D1 T2 T3	31-05-1989 15-07-1992 23-07-1992 24-12-1992 01-03-1993 23-08-1988
		e Official Journal of the E		•		