(1) Publication number:

0 099 649 A3

12

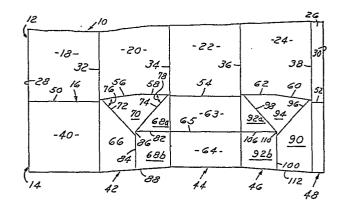
EUROPEAN PATENT APPLICATION

2 Application number: 83303460.6

(51) Int. Cl.4: **B 65 D** 5/06

- 2 Date of filing: 15.06.83
- (30) Priority: 19.07.82 US 399659

- Applicant: EX-CELL-O CORPORATION, 2855 Coolidge Highway, Troy Michigan 48084 (US)
- 43 Date of publication of application: 01.02.84 Bulletin 84/5
- (7) Inventor: Lisiecki, Robert E., 3660 Hutchins Hill Drive, Orchard Lake Michigan 48033 (US)
- Ø Designated Contracting States: BE DE FR GB IT NL
- Representative: Hartley, David et al, c/o Withers & Rogers 4 Dyer's Buildings Holborn, London, EC1N 2JT
- Date of deferred publication of search report: 29.05.85 Bulletin 85/22
- End ciosure for liquid container.
- (37) An end closure (14) for a liquid-carrying container and a blank (10) for constructing same, wherein the end closure arrangement (14) is adaptable as either a bottom closure or a top closure. It includes improved score line configurations (16, 32, 34, 36, 38, 65) for assuring that the end closure outer surface is square with the container side walls. It further includes panels which, when folded, result in a full, unscored outer panel (40) extending completely across the end of the container.



EP 0 099 649 A3



EUROPEAN SEARCH REPORT

EP 83 30 3460

Category		indication, where appropriate,	Relevant	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Jalegory	of releva	int passages	to claim	AFFEIGATION (IIIL OL 9)
A	GB-A- 511 330 * Figures 1-3 *	·	1,2,	B 65 D 5/06
	-			
A	GB-A- 508 793	(WARE)	1,3-8	-
	* Figures 1-3 *			
		· 		
A	FR-A-1 347 662	(WADDINGTON LTD.)	1,3, 5-8	
	* Figures 1-4 *			
A	FR-A-2 186 386	(MOSSE)	1,3-8	TECHNICAL FIELDS
	* Figures 1,2 *	5	-	SEARCHED (Int. Cl. 3)
				в 65 D
A	GB-A- 896 011	(WADDINGTON LTD)	1,3-8	
	* Figures 1-4 *	5		
	-			
		•		
			-	
	The present search report has b	een drawn up for all claims		
Place of search		Date of completion of the search		Examiner
	THE HAGUE	23-01-1985		STEEGMAN
Y : par do A : tec	CATEGORY OF CITED DOCL rticularly relevant if taken alone rticularly relevant if combined w cument of the same category shnological background n-written disclosure	E : earlier pate after the fili ith another D : document of L : document of the company of the c	nt document, ng date cited in the ap cited for other	rlying the invention but published on, or oplication r reasons ent family, corresponding