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(54) **Tamper-evident drum containers.**

(57) The invention relates to tamper-evident drum containers.

A first aspect of the invention provides a drum container (1) in which a plug top (7) is provided with a continuous unbroken web (12) overlying the whole of the top of the container without any apertures. A fracture zone (14) is formed therein to define a frangible portion (15) which when broken away defines a dispensing hole through the web. A closure disc (8) is rotatably mounted on the plug top by having a cylindrical depending flange portion (23) received in an annular depression in the web defined by a pair of spaced cylindrical wall portions (16,17) of the web, with an undercut portion (24) around the inner cylindrical face of the flange portion receiving and retaining an annular retention bead (19) on the innermost one of the cylindrical portions of the web.

A second aspect of the invention provides a drum container (1) having a plug top (7) comprising a depending outer annular wall for insertion into the top of the drum container, and moulded thereon a continuous outwardly directed barb or snatch (10) which in use engages beneath an intumed roll or bead (4) around the inside of the top of the drum container.

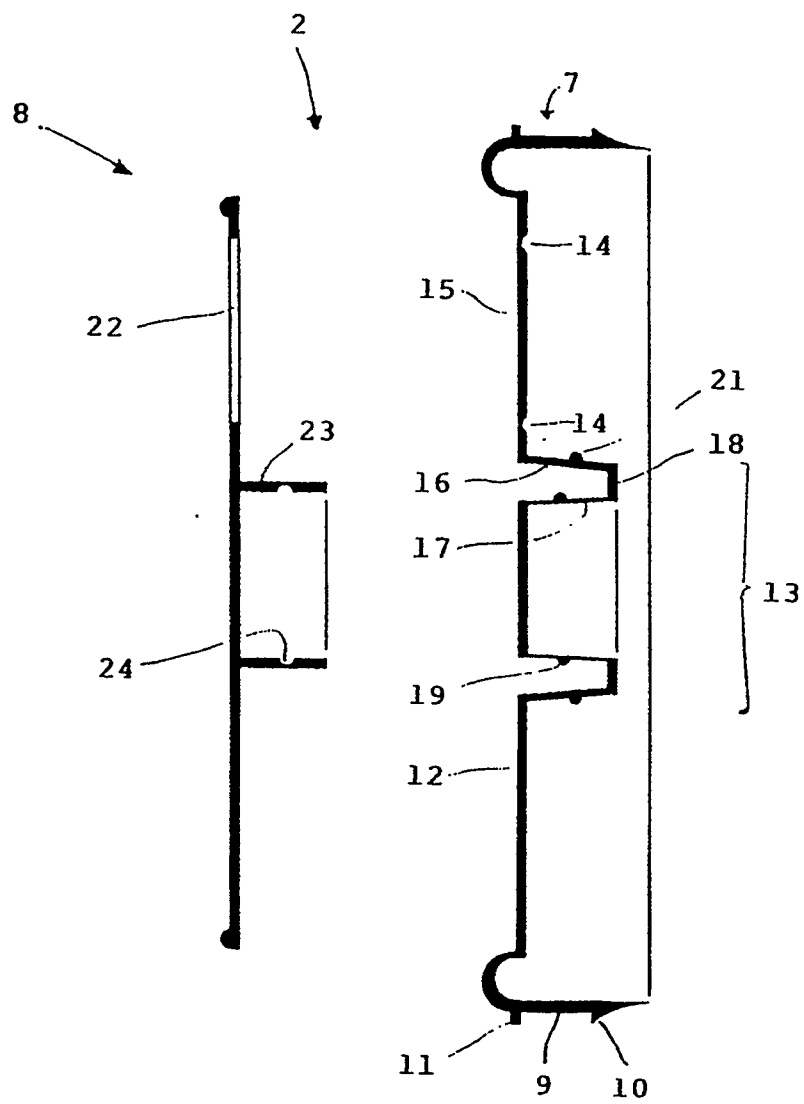


Figure 2



European Patent
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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 0251

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.5)
X	US-A-4 792 054 (C.C. WEIDMAN) * Figures 1,2,5; column 2, line 33 - column 3, line 48; column 4, lines 3-17 *	1,3	B 65 D 47/26 B 65 D 43/04
A	GB-A-1 141 246 (JACO-PRÄZISIEN CO.) * Figures 1,2,4; page 3, lines 16-54,75-86 *	1,3	
A	US-A-4 567 995 (W.J. KREISEDER) * Figures 1,2,5,8; column 5, lines 40-58 *	1,3	
X	GB-A-2 217 694 (ROBINSON & SONS LTD) * Figure 1; page 3, lines 2-24 *	4	
Y		5	
Y	US-A-4 375 969 (S.E. WOERZ) * Figures 3,4,8a-8g; column 3, lines 33-51 *	5	
X	EP-A-0 304 387 (PROENVAS S.A.) * Figure 1; column 1, lines 30-48; column 2, lines 40-59 *	4	TECHNICAL FIELDS SEARCHED (Int. Cl.5) B 65 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 02-08-1991	Examiner PERNICE, C.
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	

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