

12 **EUROPEAN PATENT APPLICATION**

21 Application number: 85112585.6

51 Int. Cl.³: B 65 D 83/14

22 Date of filing: 04.10.85

30 Priority: 05.10.84 US 658274
05.09.85 US 771491

43 Date of publication of application:
09.04.86 Bulletin 86/15

88 Date of deferred publication of search report: 07.10.87

84 Designated Contracting States:
BE CH DE FR GB IT LI NL SE

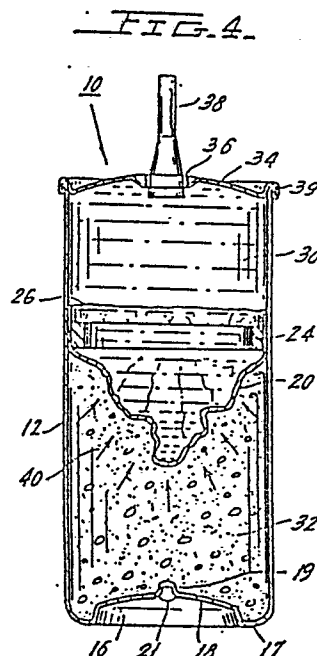
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54 **Expandable pressurized barrier container.**

57 A pressurized thin walled expandable can 10 from which a fluent pressurized product is dispensed is made from an expandable can wall 12 and a barrier 20, which may be a fully evertable bag having uniform thickness and flexibility and shaped to fit within the can wall 12. The open end of the bag is mounted to the can wall 12 by means which maintain a seal as the can wall expands and returns to its unexpanded condition. As product to be dispensed is introduced into the product chamber 30, the flexible bag is extended down into the lower end of the can. As the product is later expelled through a discharge opening, the flexible bag, which may be plastic, is fully everted into the upper end of the can to expel all the product. The can is thin walled, so that when pressurized, the can diameter expands by at least one-thousandth (1/1000) of its unexpanded value. In one embodiment, the bag is mounted by a ring 24 inside the can. The ring 24 includes a portion which expands to maintain the seal 64 with the expanding can side wall. In another embodiment the ring 24 is rigid, but of slightly larger diameter than the can 10. This ring stretches the can, so as to maintain the sealing contact with the can as the can expands. In other embodiments, the bag may be mounted by a stretchable adhesive and, if the bag is slightly elastic, it may be mounted by an adhesive or by a melt seal process such as heat sealing.





European Patent
Office

EUROPEAN SEARCH REPORT

0177047

Application number

EP 85 11 2585

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.4)
Y	US-A-2 815 152 (MILLS) * Column 6, lines 27-57; figures 1,2,7 *	1-10, 13	B 65 D 83/14
Y	DE-A-2 500 996 (ODE) * Figures A-C *	1-10, 13	
A	US-A-4 089 443 (ZRINYI) * Column 4, lines 33-37; figure 5 *	11,12	
A	US-A-3 931 834 (CAILLET) * Column 2, lines 7-35; figures 1-4 *	14-20	
A	US-A-3 225 967 (HEIMGARTNER)		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			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 28-07-1987	Examiner LORENZ
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	