



(12) **EUROPEAN PATENT APPLICATION**

(21) Application number : **92301866.7**

(51) Int. Cl.⁵ : **B65D 43/04, B65D 39/04, B65D 39/08, B65D 39/16**

(22) Date of filing : **04.03.92**

(30) Priority : **05.03.91 US 664658**

(43) Date of publication of application :
09.09.92 Bulletin 92/37

(84) Designated Contracting States :
AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

(88) Date of deferred publication of search report :
30.08.95 Bulletin 95/35

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(54) **Spout fitment closure plug.**

(57) For tent-type paperboard containers as well as other containers, a fitment (41) is attached surrounding a hole (22) in the container (21). The spout (42) has internal threads (44) and an external flange (47) which seals around the hole (22) and is fixed to the container (21) by thermal means, adhesive or the like. The cap (51) has a top disk (52) from which an externally threaded skirt (54) depends. The exterior of the skirt (54) has gripping ribs (56) to assist in screwing and unscrewing the cap (51). The lower edge (66) of the skirt (54) seals against a sealing membrane (48) on the spout (42). Surrounding the skirt (54) is a tamper-evident band (61) attached to the lower edges of the ribs (56) by frangible bridges (62). The tamper-evident band (61) has locking means (63) engaging complementary locking means (46) on the spout (42). Thus the cap (51) cannot be unscrewed without removing the tamper-evident band (61). By unique design, the spout (42) and cap (51) may be molded in one mold cavity.

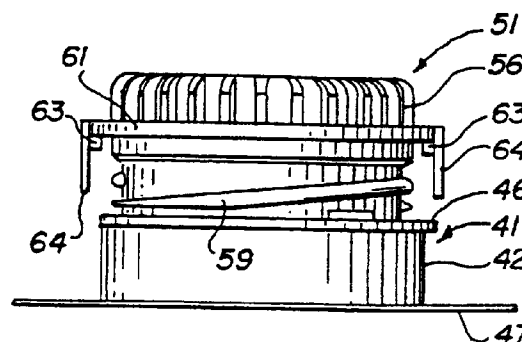


Fig. 2

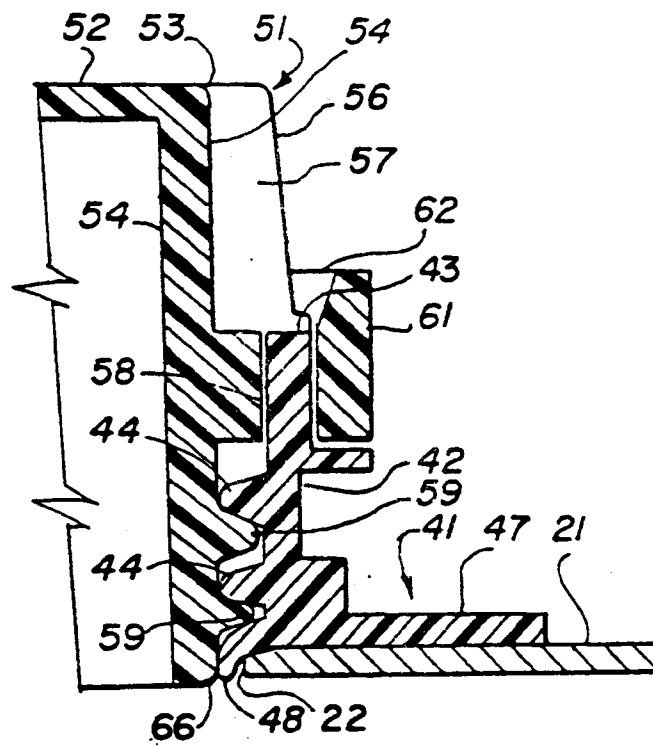


Fig.3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92301866.7
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	<u>US - A - 3 966 080</u> (BITTEL) * Totality, especially fig. 1-5 * --	1-18	B 65 D 43/04 B 65 D 39/04 B 65 D 39/08 B 65 D 39/16
A	<u>US - A - 3 998 354</u> (SONG) * Totality, especially fig. 1-5 * --	1-18	
A	<u>DE - A - 2 849 681</u> (NOROPLAST-VERPACKUNGEN) * Totality, especially fig. 1-6 * --	1-18	
A	<u>DE - A - 2 923 785</u> (SUPERFOS EMBALLAGE) * Totality, especially fig. 1-6 * ----	1-18	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 65 D 17/00 B 65 D 39/00 B 65 D 41/00 B 65 D 43/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 22-06-1995	Examiner WERNER
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 03.92 (P0401)