

(19)



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(11)

**EP 0 729 894 A3**

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
**12.02.1997 Bulletin 1997/07**

(51) Int Cl.<sup>6</sup>: **B65D 41/34**

(43) Date of publication A2:  
**04.09.1996 Bulletin 1996/36**

(21) Application number: **96301179.6**

(22) Date of filing: **22.02.1996**

(84) Designated Contracting States:  
**BE DE FR GB IT NL**

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(30) Priority: **03.03.1995 GB 9504262**

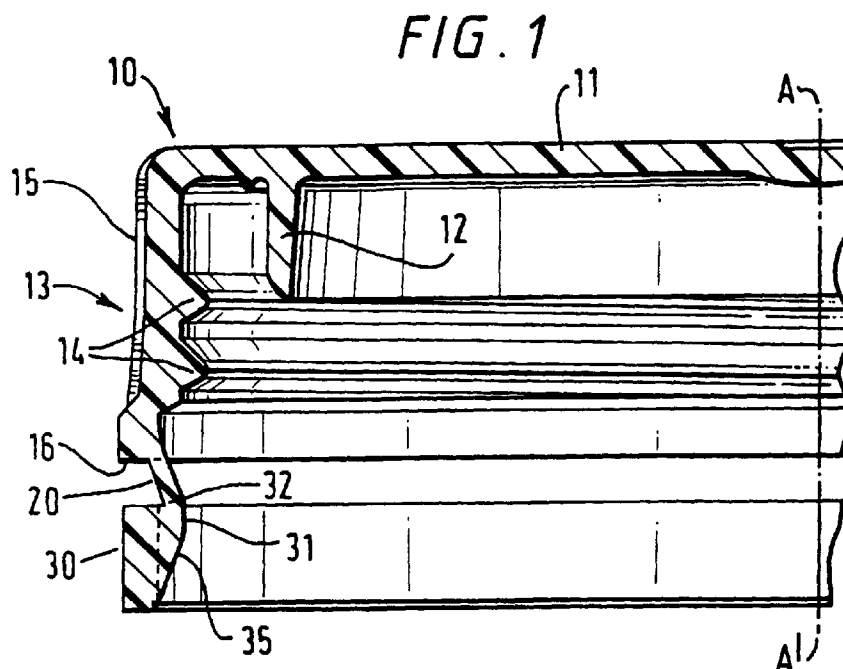
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### (54) Closure device

(57) A closure 10 comprises a cap 11 having a skirt 13 depending therefrom. Skirt 13 has an internal screw thread 14 or equivalent for engagement with a complementary formation on a container (not shown). Closure 10 further comprises a tamper-evident ring 30 attached to skirt 13 by frangible bridges 20. At least a portion of tamper-evident ring 30 has shelf means 32 characterised by an acute-angled vertical cross-section for engagement behind a projection on the neck of a container

during removal of closure 10. This ensures effective separation of tamper-evident ring 30 from closure 10, with retention of tamper-evident ring on the container neck. Preferably, bridges 20 extend in a non-axial direction from the lower rim 16 of skirt 13 to the radially innermost extremity of tamper-evident ring 30. Bridges 20 may be narrower in section adjacent skirt 13. Optionally, skirt 13 and tamper-evident ring 30 have complementary formations (46, 36; See Figure 4) which interengage when closure 10 is screwed onto a container.



EP 0 729 894 A3



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## EUROPEAN SEARCH REPORT

Application Number  
EP 96 30 1179

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.6)
X	EP 0 229 206 A (EWIT S A) 22 July 1987 * column 1, paragraph 1 * * column 2, line 52 - column 3, line 5 * * column 3, line 40 - column 4, line 4; figures *	1-3,5	B65D41/34
Y	---	4,6-11	
Y	EP 0 365 136 A (JOHNSEN JORGENSEN PLASTICS LTD) 25 April 1990 * the whole document *	4,9-11	
A	---	1,5	
Y	FR 2 339 541 A (ASTRA PLASTIQUE) 26 August 1977 * the whole document *	6-8	
A	---	1	
D,X	WO 94 18085 A (MOULAGE AUTOMATIQUE SA) 18 August 1994 * the whole document *	1,11	
Y	---	9,10	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 3 December 1996	Examiner Spettel, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>I : 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 &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (P/MC01)