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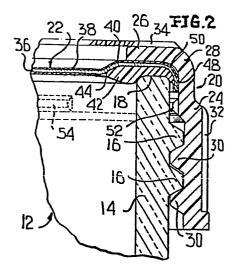
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(54) Composite closure.

(57) This relates to a closure 10 for containers 12 wherein there is a relative twisting or rotation of the closure 10 with respect to the container 12 neck finish 14 in the application and removal of the closure 10. In order to reduce the torque required in the removal of the closure 10 and also to eliminate the lubricant customarily incorporated in the gasket material of the closure 10, the closure 10 is of a composite construction including a ring member 20 and a closure panel 22, with the ring member 20 being so constructed as to provide for limited relative axial movement between the closure panel 22 and the ring member 20. Thus, when a closure 10 is to be removed, the initial removal torque is very low in that it is only necessary to rotate the ring member 20 relative to the container 12 and there is no axial force required to break the seal between the gasket material and the container neck finish 14. After an initial relative axial movement between the ring member 20 and the closure panel 22 and at a time when the ring member 20 has momentum, the ring member 20 engages the closure panel 22 and moves the same axially to break the seal between the closure panel 22 and the container 10 with a minimal additional torque being required.



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## **EUROPEAN SEARCH REPORT**

EP 83 30 3282

DOCUMENTS CONSIDERED TO BE RELEVANT  Category  Citation of document with indication, where appropriate, of relevant passages				Relevant CLASSIFICATION		
ategory	Of releva	int passages		to claim	APPLICATION	(Int. Ci. *)
P,X	EP-A-0 080 142 * Whole document			1-9	B 65 D B 65 D	
x	GB-A-1 000 164 * Page 3, line 1 37 *			1,4-9		
x	US-A-2 298 293 * Page 2, left- 26 - right-hand	hand column,	line	1,4-9		
					TECHNICAL	
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					B 65 D	
• • • • • • • • • • • • • • • • • • • •	The present search report has b	een drawn up for all claims				
	Place of search THE HAGUE	Date of completion 30-08-1	of the search .984	KNOPS	Examiner J.	
Y:p	CATEGORY OF CITED DOCL articularly relevant if taken alone articularly relevant if combined w ocument of the same category schnological background on-written disclosure	****			lying the invention but published or plication reasons and family, corres	***********