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(54) **Cap for container**

(57) A package (10) comprises a container (20), a closure member (40) removably inserted into the mouth of the container, and a cap (50). The cap has a cover member (52) which overlies the closure and has a region (66) which is removable to expose the upper surface of the closure to allow piercing thereof by a needle or the like. The removable region is provided with a pull-ring (68) protected from accidental operation by a protective portion (60) projecting upwardly from the edge of the cover member (52). The protective portion is formed separately from the rest of the cap and is attached thereto.

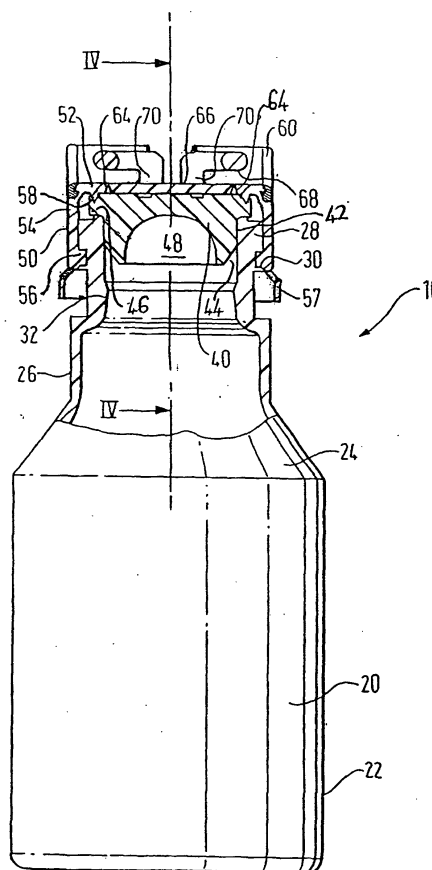


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 1704

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.7)
X	US 5 316 163 A (VON SCHUCKMANN ALFRED) 31 May 1994 (1994-05-31) * column 3, line 6 - column 4, line 17; figures 1-3 *	1-5, 11-14	B65D51/00 A61J1/00
X	US 3 826 059 A (NOVITCH H) 30 July 1974 (1974-07-30) * column 3, line 19 - line 67; figures 1-4 *	1,2,10, 11	
P,A	WO 00 03920 A (BROWNE MARTIN MONTEAGLE ;NYCOMED IMAGING AS (NO)) 27 January 2000 (2000-01-27) * page 8, line 17 - page 10, line 14; figures 1-7 *	6,9	
X	EP 0 562 177 A (STOLZ HEINRICH GMBH) 29 September 1993 (1993-09-29) * column 3, line 32 - line 52; figures 1,2 *	1-4,10	
X	GB 1 507 349 A (CARNAUD TOTAL INTERPLASTIC) 12 April 1978 (1978-04-12) * page 2, line 40-46; figure 1 *	1-3,10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B65D A61J
X	US 4 179 044 A (FITTE DANIEL) 18 December 1979 (1979-12-18) * column 2, line 18 - line 32; figures 1,2 *	1,2,10	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 26 August 2003	Examiner Grondin, D
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 1704

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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26-08-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5316163	A	31-05-1994	DE 4228090 A1	03-03-1994
			DE 59300945 D1	21-12-1995
			DK 587983 T3	04-03-1996
			EP 0587983 A1	23-03-1994
			ES 2081159 T3	16-02-1996
			JP 2598604 B2	09-04-1997
			JP 6080153 A	22-03-1994

US 3826059	A	30-07-1974	CA 960180 A1	31-12-1974
			US 3811591 A	21-05-1974
			US 3770155 A	06-11-1973

WO 0003920	A	27-01-2000	AT 225735 T	15-10-2002
			AU 742134 B2	20-12-2001
			AU 4921599 A	07-02-2000
			CA 2303213 A1	27-01-2000
			CN 1107624 B	07-05-2003
			DE 69903401 D1	14-11-2002
			DE 69903401 T2	10-07-2003
			DK 1044135 T3	10-02-2003
			EP 1044135 A1	18-10-2000
			ES 2187172 T3	16-05-2003
			WO 0003920 A2	27-01-2000
			JP 2003516277 T	13-05-2003
			NO 20001221 A	09-03-2000
			PT 1044135 T	31-01-2003
			RU 2184059 C2	27-06-2002
			US 6223918 B1	01-05-2001
			ZA 200001064 A	20-10-2000

EP 0562177	A	29-09-1993	DE 4209783 C1	04-03-1993
			AT 143641 T	15-10-1996
			DE 59207290 D1	07-11-1996
			DK 562177 T3	23-12-1996
			EP 0562177 A2	29-09-1993
			ES 2093170 T3	16-12-1996
			NO 930003 A	27-09-1993
			TR 28462 A	04-07-1996

GB 1507349	A	12-04-1978	FR 2271999 A1	19-12-1975
			ES 228938 U	01-11-1977

US 4179044	A	18-12-1979	FR 2381678 A1	22-09-1978

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82