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(72) Inventor: **Tomasella, Alessandro**  
**31029 Vittorio Veneto (Prov. of Treviso) (IT)**

(74) Representative: **Modiano, Guido, Dr.-Ing. et al**  
**Modiano & Associati SpA**  
**Via Meravigli, 16**  
**20123 Milano (IT)**

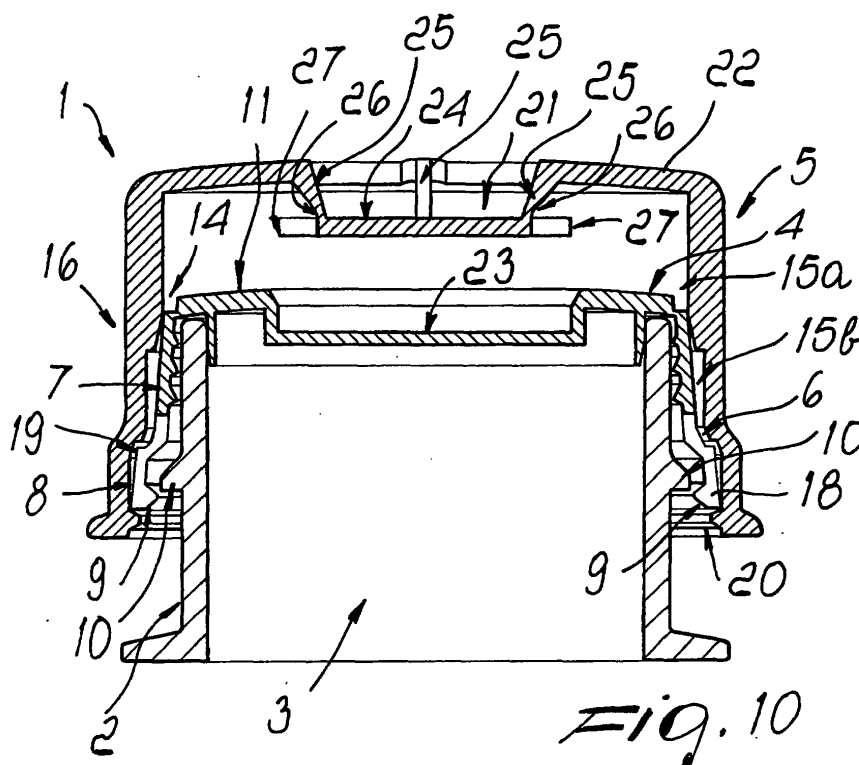
(30) Priority: **06.03.2002 IT TV20020025**

(71) Applicant: **Tomasella, Alessandro**  
**31029 Vittorio Veneto (Prov. of Treviso) (IT)**

(54) **Closure device particularly for bottles and/or containers**

(57) A closure device (1) particularly usable for temporarily closing a container for liquids, comprising a first cap (4), which is provided with first elastically deformable elements (6) for connection to the outer neck of the container; a second coaxial and external cap (5) being

slidingly and selectively associated with the first cap and comprising second elements for the temporary activation of the first elements and third elements suitable to remove the closure device from the neck of the container.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 03 00 4355

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	DE 30 09 568 A (KVAM OLE JACOB) 24 September 1981 (1981-09-24)	1-8, 10-15, 17-26	B65D45/32 B65D55/02 B65D51/16
A	* page 6, paragraph 6 - page 9, paragraph 2; figures 1,2 *	9,16	
	---		
X	GB 1 386 369 A (WASSILIEFF V) 5 March 1975 (1975-03-05)	1-3,7,8, 10-17, 27-32	
A	* page 2, line 42 - page 2, line 78; figures 1-5 *	33	
	---		
X	US 3 905 502 A (WASSILIEFF VICTOR) 16 September 1975 (1975-09-16)	1-3,7,8, 10-17,27	
A	* figures 1A,1B *	28-33	
	---		
X	US 5 615 788 A (LARGUIA CONSTANCIO) 1 April 1997 (1997-04-01)	1-8, 10-13, 17,27	
	* column 4, line 50 - column 5, line 52; figures 2,3 *		
	---		
X	DE 817 255 C (ALFRED BOENECKE WENDLINGEN NEC) 15 October 1951 (1951-10-15)	1,2, 10-13	B65D
Y	see the whole document	3-9, 14-26	
	---		
X	US 6 158 604 A (LARGUIA JR CONSTANCIO ET AL) 12 December 2000 (2000-12-12)	1,2, 10-13,27	
Y	* column 24, line 9 - column 25, line 17; figures 1A,14-17 *	3-9, 14-26	
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<del>The present search report has been drawn up for all claims</del>			
Place of search <b>MUNICH</b>		Date of completion of the search <b>15 May 2003</b>	Examiner <b>Appelt, L</b>
<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>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 ..... &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)



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### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-33



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**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
**EP 03 00 4355**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

**1. Claims: 1-33**

Closure device having elastically deformable connection means on a first body activated by an external second body and comprising a tamper evidence means

**2. Claims: 1,34,35**

Closure device having elastically deformable connection means on a first body activated by an external second body and comprising a venting means

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 00 4355

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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15-05-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3009568	A	24-09-1981	DE 3009568 A1	24-09-1981
GB 1386369	A	05-03-1975	FR 2162243 A1	20-07-1973
			DE 2259799 A1	07-06-1973
US 3905502	A	16-09-1975	NONE	
US 5615788	A	01-04-1997	AU 6771196 A	05-03-1997
			WO 9706071 A1	20-02-1997
DE 817255	C	15-10-1951	NONE	
US 6158604	A	12-12-2000	US 5960972 A	05-10-1999
			WO 9821111 A1	22-05-1998

EPO FORM P0459

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