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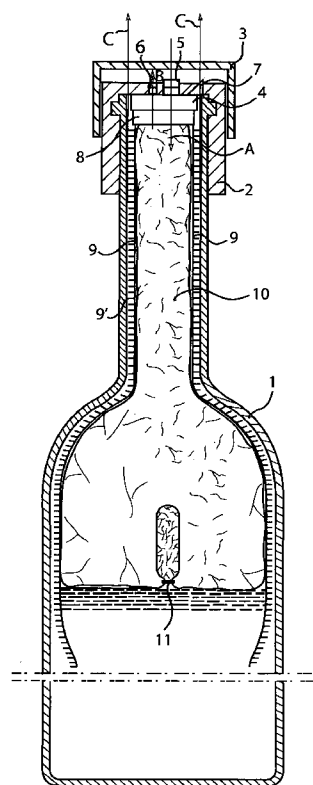
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(54) Title: SYSTEM FOR ELIMINATING GAS CONTACTING LIQUID, SOLID OR GRANULAR CONTENTS WITHIN CONTAINERS AFTER A PARTIAL CONSUMPTION AND/OR USE OF SAID CONTENTS



**Fig. 2**

(57) Abstract: The invention relates to a system for eliminating gas contacting liquid, solid or granular contents within containers after a partial consumption and/or use of said contents (1; 100; 200), said system providing inflatable means (10; 103; 203), introduced within the container (1; 100; 200), and that can be inflated from outside in such a way to occupy the free volume left by the partially consumed contents of the container.

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**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/IT2008/000117

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. B65D81/24 B65D25/16

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 B65D B67D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 684 033 A (MARCUS EDWARD J [US]) 4 August 1987 (1987-08-04) the whole document	1, 2, 5, 6
X	BE 1 006 597 A6 (WOLF CARL [BE]) 25 October 1994 (1994-10-25) the whole document	1-3, 5, 6
X	DE 102 15 690 A1 (STAHL FRANZ [DE]) 6 November 2003 (2003-11-06) the whole document	1, 2, 5, 6
X	US 4 142 657 A (WANKE RONALD L) 6 March 1979 (1979-03-06) the whole document	1, 2, 5, 6
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Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search  17 June 2008	Date of mailing of the international search report  16/09/2008
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Visentin, Mauro

## INTERNATIONAL SEARCH REPORT

International application No

PCT/IT2008/000117

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 343 701 A (MAHONEY FRANK D) 26 September 1967 (1967-09-26) the whole document -----	1,2,5,6
X	GB 2 119 742 A (WEISSMAN A) 23 November 1983 (1983-11-23) the whole document -----	1
Y		9
Y	GB 2 187 704 A (HIRABAYASHI SATOSHI) 16 September 1987 (1987-09-16) the whole document -----	9
A	GB 2 290 279 A (RIVERLYNX LTD [GB]) 20 December 1995 (1995-12-20) the whole document -----	1
A	GB 2 237 844 A (CASALE ENZO) 15 May 1991 (1991-05-15) the whole document -----	1

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IT2008/000117

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9, 11

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: claims 1-9, 11

- a system for eliminating gas within a container after partial consumption of the contents, said system providing inflatable means inside the container which can be inflated from outside in order to occupy the free volume left by the partially consumed contents of the container.

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2. claim: Claim 10

- lighting means provided within a container.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/IT2008/000117
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Patent document cited in search report	Publication date	Publication date	Patent family member(s)	Publication date
US 4684033	A	04-08-1987	NONE	
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US 4142657	A	06-03-1979	NONE	
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GB 2237844	A	15-05-1991	NONE	