



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

**EP 1 190 952 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**07.01.2004 Bulletin 2004/02**

(51) Int Cl.7: **B65D 17/32, B65D 17/16**

(43) Date of publication A2:  
**27.03.2002 Bulletin 2002/13**

(21) Application number: **01308082.5**

(22) Date of filing: **24.09.2001**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR**  
Designated Extension States:  
**AL LT LV MK RO SI**

• **Choung, Jai-Jun**  
**Jung-Gu, Seoul (KR)**

(71) Applicant: **EU Biotech Development Ltd**  
**Oxford, Oxfordshire OX4 4GA (GB)**

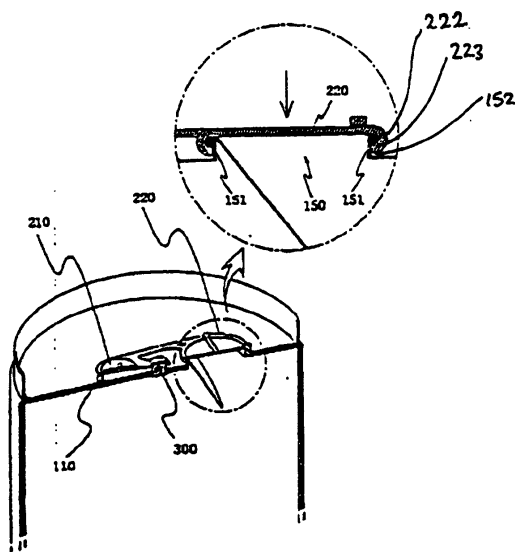
(74) Representative: **Whitaker, Iain Mark et al**  
**Sommerville & Rushton**  
**Business Link Building**  
**45 Grosvenor Road**  
**St. Albans, Hertfordshire AL1 3AW (GB)**

(72) Inventors:  
• **Yoon, Chil Surk**  
**Sihung-si, Kyunggi-Do (KR)**

(54) **Can having can end wall provided with reclosing tab**

(57) Disclosed is a can having a can end wall (100). The can end wall (100) includes an opening panel portion (150) which is delimited by a score line so as to define a discharge opening upon being depressed downward, an opening tab, a reclosing tab and a rivet. The reclosing tab (220) has substantially a cylindrical configuration which is closed at an upper end thereof and opened at a lower end thereof. The opening tab (210)

and the reclosing tab (220) are oppositely arranged to each other and integrally connected with each other to define a tab section (200). Three tab supporting projections (110,120,120') are frusto-conically formed on an upper surface of the can end wall (100), and a cylindrical wall part is integrally formed with the can end wall (100) in such a way as to be closed at an upper end thereof by the opening panel portion (150).



**Figure 5b**

**EP 1 190 952 A3**



European Patent  
Office

# PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 01 30 8082 shall be considered, for the purposes of subsequent proceedings, as the European search report

| 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 4 685 849 A (HEFFNER ROBERT E ET AL)<br>11 August 1987 (1987-08-11)                                 | 1,5,9                            | B65D17/32<br>B65D17/16                       |
| Y  | * figures 6-8 *  | 2-4,7                            |  |
| A  | * figure 9 *   | 6,8                              |  |
|  | ---  |                                  |  |
| Y  | GB 2 255 081 A (ERTE UMUR TALIP;SHAW<br>MICHAEL) 28 October 1992 (1992-10-28)<br>* page 7, line 9-15 * | 2-4,7                            |  |
|  | ---  |                                  |  |
| Y  | US 5 186 348 A (STEINER JOSEPH D)<br>16 February 1993 (1993-02-16)<br>* the whole document *           | 3,4,7                            |  |
|  | ---  |                                  |  |
| A  | US 5 292 022 A (BLANCO ARSENIO G)<br>8 March 1994 (1994-03-08)<br>* the whole document *               | 6                                |  |
|  | -----  |                                  |  |
|  |  |                                  | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.7)      |
|  |  |                                  | B65D   |
| <b>INCOMPLETE SEARCH</b>   |  |                                  |  |
| <p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for these claims.</p> <p>Claims searched completely :</p> <p>1-10</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>11</p> <p>Reason for the limitation of the search:</p> <p>Claim 11 contains only general references to the description and the drawings without any clear technical features.</p> |  |                                  |  |
| Place of search  |  | Date of completion of the search | Examiner                                     |
| MUNICH   |  | 3 November 2003                  | Augustin, W                                  |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>P : intermediate document</p> <p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>    |  |                                  |  |

EPO FORM 1503 03.82 (P04C07)

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

EP 01 30 8082

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  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

03-11-2003

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| US 4685849                                | A | 11-08-1987          | US 4580692 A               | 08-04-1986          |
|   |   |                     | AU 594680 B2               | 15-03-1990          |
|   |   |                     | AU 5787886 A               | 04-12-1986          |
|   |   |                     | BR 8602382 A               | 21-01-1987          |
|   |   |                     | CA 1254533 A1              | 23-05-1989          |
|   |   |                     | EP 0204214 A2              | 10-12-1986          |
|   |   |                     | ES 297143 U                | 16-05-1989          |
|   |   |                     | IL 78793 A                 | 10-03-1991          |
|   |   |                     | JP 61273354 A              | 03-12-1986          |
|   |   |                     | MX 165254 B                | 04-11-1992          |
|   |   |                     | US 4783985 A               | 15-11-1988          |
|   |   |                     | US 4648528 A               | 10-03-1987          |
|   |   |                     | US 4678096 A               | 07-07-1987          |
| -----                                     |   |                     |                            |                     |
| GB 2255081                                | A | 28-10-1992          | NONE                       |                     |
| -----                                     |   |                     |                            |                     |
| US 5186348                                | A | 16-02-1993          | NONE                       |                     |
| -----                                     |   |                     |                            |                     |
| US 5292022                                | A | 08-03-1994          | ES 1015509 U1              | 16-07-1991          |
|   |   |                     | ES 1017993 U1              | 01-01-1992          |
|   |   |                     | AU 643342 B2               | 11-11-1993          |
|   |   |                     | AU 8845491 A               | 26-05-1992          |
|   |   |                     | CA 2072880 A1              | 01-05-1992          |
|   |   |                     | WO 9207766 A1              | 14-05-1992          |
|   |   |                     | JP 7077902 B               | 23-08-1995          |
|   |   |                     | JP 5503907 T               | 24-06-1993          |
| -----                                     |   |                     |                            |                     |