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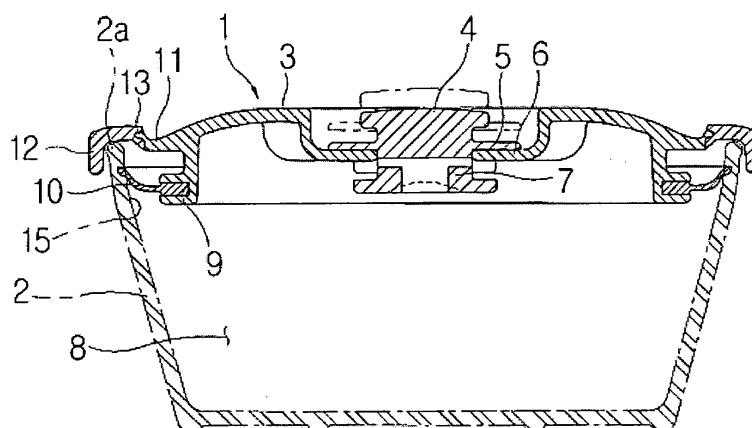
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(54) **Container lid of vacuum valve operation type**

(57) A sealed container lid of a vacuum valve operation type is provided, in which an engagement structure of a silicon packing is simple, and a relatively strong sealing force is obtained. A process for engaging or disengaging a lid to a container body may be performed based one-touch method. The sealed contained lid of a vacuum

valve operation type comprises a body which is injection-molded and has a circular groove formed in a horizontally and outwardly opened shape for an engagement of the silicon packing, and a downwardly bent peripheral part which is formed at an outer peripheral part of the body based on a double injection method while surrounding the same.

Figure 1





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EUROPEAN SEARCH REPORT

Application Number
EP 06 02 2637

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	DE 197 26 277 A1 (SIEGER DIETER [DE]) 7 January 1999 (1999-01-07) * column 2, line 56 - column 4, line 27; figures 1-5 *	1-3	INV. B65D51/16 B65D43/02
Y	US 5 722 554 A (CHANAL CYRILLE [FR] ET AL) 3 March 1998 (1998-03-03) * column 1, line 10 - column 3, line 55; figures 1-5 *	1,3	
Y	EP 1 468 933 A (DART IND INC [US]) 20 October 2004 (2004-10-20) * paragraph [0012] - paragraph [0027]; figures 1-10 *	2	
			TECHNICAL FIELDS SEARCHED (IPC)
			B65D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 September 2007	Examiner Grondin, David
<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</p> <p>& : member of the same patent family, corresponding document</p>			

3
EPO FORM 1503 03.82 (P04C01)

**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:



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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 06 02 2637

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: 1,3

Container lid comprising a peripheral part which is formed
by a double injection method

2. claim: 2

Container lid comprising a peripheral part which is
separately formed and assembled at the body of the lid

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

EP 06 02 2637

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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26-09-2007

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