

Title (en)  
Container lid of vacuum valve operation type

Title (de)  
Behälterverschluß mit Vakuumventil

Title (fr)  
Couvercle pour fermer un récipient sous vide partiel avec soupape

Publication  
**EP 1780143 A3 20071107 (EN)**

Application  
**EP 06022637 A 20061030**

Priority  
KR 20050103659 A 20051101

Abstract (en)  
[origin: EP1780143A2] 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 on 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.

IPC 8 full level  
**B65D 43/02** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP KR US)  
**B65D 31/14** (2013.01 - KR); **B65D 43/0218** (2013.01 - EP US); **B65D 47/24** (2013.01 - KR); **B65D 51/1683** (2013.01 - EP US); **B65D 53/02** (2013.01 - KR); **B65D 81/20** (2013.01 - KR); **B65D 81/2038** (2013.01 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/0024** (2013.01 - EP US); **B65D 2543/00361** (2013.01 - EP US); **B65D 2543/00518** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US); **B65D 2543/0062** (2013.01 - EP US); **B65D 2543/00629** (2013.01 - EP US); **B65D 2543/00685** (2013.01 - EP US); **B65D 2543/00759** (2013.01 - EP US); **B65D 2543/00796** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 06022637 A 20061030**; CN 200610168947 A 20061101; JP 2006293501 A 20061030; KR 20050103659 A 20051101; US 58988606 A 20061031