

Title (en)  
Container for fermented foods

Title (de)  
Behälter für fermentierte Nahrungsmittel

Title (fr)  
Récipient pour aliments fermentés

Publication  
**EP 1568617 A3 20080827 (EN)**

Application  
**EP 05000150 A 20050105**

Priority  
KR 20040001328 A 20040108

Abstract (en)  
[origin: US2005150890A1] The present invention provides a container for fermented foods that temporarily gathers gas, generated by fermented foods contained in the container, and allows the gas to be discharged to the outside at an appropriate time. The fermented food container includes a container body having a plurality of locking protrusions provided around the container body. The fermented food container further includes an inner lid to close the open top of the container body, with an inner valve unit provided on the inner lid. The fermented food container further includes an outer lid coupled to the container body and spaced apart from the inner lid by a predetermined distance, thus defining a gas storage space between the inner lid and the outer lid, with an outer valve unit provided on the outer lid. The fermented food container further includes a plurality of locking flaps provided on at least one of the inner lid and the outer lid. The fermented food container can slow down the oxidization of fermented foods, thereby maintaining the freshness and taste of the fermented foods. Furthermore, the fermented food container lets a user know an appropriate time to discharge the gas from the gas storage space, using the gas volume gauge rod, thus preventing a refrigerator in which the fermented food container is stored from absorbing the bad food smell.

IPC 8 full level  
**B65D 43/06** (2006.01); **B65D 81/26** (2006.01); **A23B 7/10** (2006.01); **B65D 43/02** (2006.01); **B65D 43/10** (2006.01); **B65D 45/20** (2006.01); **B65D 51/16** (2006.01); **B65D 51/24** (2006.01); **B65D 79/00** (2006.01); **B65D 81/00** (2006.01); **B65D 81/20** (2006.01)

CPC (source: EP KR US)  
**B65D 43/0212** (2013.01 - EP US); **B65D 43/0214** (2013.01 - EP US); **B65D 43/0218** (2013.01 - EP US); **B65D 51/1644** (2013.01 - EP US); **B65D 51/1683** (2013.01 - EP US); **B65D 79/0087** (2020.05 - EP KR US); **B65D 81/00** (2013.01 - EP US); **B65D 81/20** (2013.01 - KR); **B65D 2205/00** (2013.01 - EP US); **B65D 2251/0018** (2013.01 - EP US); **B65D 2251/0081** (2013.01 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/00231** (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/00453** (2013.01 - EP US); **B65D 2543/0049** (2013.01 - EP US); **B65D 2543/005** (2013.01 - EP US); **B65D 2543/00518** (2013.01 - EP US); **B65D 2543/00527** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00546** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US); **B65D 2543/00648** (2013.01 - EP US); **B65D 2543/00694** (2013.01 - EP US); **B65D 2543/00777** (2013.01 - EP US); **B65D 2543/00805** (2013.01 - EP US); **B65D 2543/00851** (2013.01 - EP US); **B65D 2543/00972** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0600323 A1 19940608 - DART IND INC [US]
- [XA] KR 20030030860 A 20030418 - FC CORP [KR]
- [A] CA 2314537 A1 20020125 - PROMOTIONS ATLANTIQUES INC [CA]
- [A] WO 9808748 A1 19980305 - RUBBERMAID INC [US]
- [A] BE 471178 A
- [A] DE 599822 C 19340710 - HANS ADOLF BRUDER

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**US 2005150890 A1 20050714**; CN 1636468 A 20050713; EP 1568617 A2 20050831; EP 1568617 A3 20080827; JP 2005193987 A 20050721; KR 100548059 B1 20060209; KR 20050073132 A 20050713

DOCDB simple family (application)  
**US 2796805 A 20050103**; CN 200510006497 A 20050110; EP 05000150 A 20050105; JP 2005004389 A 20050111; KR 20040001328 A 20040108