

Title (en)

Fastening structure of airtight container

Title (de)

Befestigungsvorrichtung eines Deckels auf einem luftdichten Behälter

Title (fr)

Structure de fixation d'un couvercle sur une boîte étanche

Publication

EP 1508528 A1 20050223 (EN)

Application

EP 04019066 A 20040811

Priority

KR 20030025988 U 20030812

Abstract (en)

Disclosed herein is an airtight container. The fastening structure comprises a body (10) with a rim (11) integrally formed at a periphery of an opened upper end of the body, a lid (20) with a channel portion formed at a periphery of the lid to be fitted into the body and maintain an airtight seal between the body and the lid, one or more foldable fastening ribs (30), each being protruded from the lid in a lateral direction as an integral part of the lid and having a fastening slit (32) perforated through the fastening rib in a lengthwise direction, and one or more fastening pieces (40) corresponding to the fastening ribs, each being protruded from the body in the lateral direction and inserted onto the corresponding fastening slit (32') of the fastening rib, wherein each of the fastening ribs is formed with one or more reinforcing rib-receiving portions (32) of a semicircular shape, each of the reinforcing rib-receiving portions opened toward a central lower portion of the fastening slit in a lengthwise direction through the fastening rib, and wherein each of the fastening pieces is a protruded piece protruded in a lateral direction at a position corresponding to the fastening slit of the fastening rib, and is integrally formed with a reinforcing rib being a thick portion downwardly protruded from the fastening piece while being extended in a transverse direction of the fastening piece. <IMAGE>

IPC 1-7

B65D 45/20; **B65D 43/02**

IPC 8 full level

B65D 43/02 (2006.01); **B65D 45/20** (2006.01)

CPC (source: EP KR US)

B65D 43/02 (2013.01 - KR); **B65D 43/0218** (2013.01 - EP US); **B65D 45/20** (2013.01 - EP US); **B65D 2543/00194** (2013.01 - EP US); **B65D 2543/0049** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US)

Citation (search report)

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- [A] FR 2791036 A1 20000922 - GROUPE SYMPA S A [FR]

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1508528 A1 20050223; JP 3107141 U 20050127; KR 200331152 Y1 20031030; US 2005035125 A1 20050217

DOCDB simple family (application)

EP 04019066 A 20040811; JP 2004004809 U 20040810; KR 20030025988 U 20030812; US 91204404 A 20040806