

Title (en)

Airtight container with a vacuum valve

Title (de)

Luftdichter Behälter mit Vakuumventil

Title (fr)

Conteneur étanche à l'air de type soupape sous vide

Publication

EP 1900649 A1 20080319 (EN)

Application

EP 07017495 A 20070906

Priority

KR 20060088328 A 20060913

Abstract (en)

An airtight container (1) with a vacuum valve (4) in a double structure is disclosed, which is able to enhance an engaging force of a lid (3) by sealing an interior of the container (1) in a vacuum state, and is able to store a food for a long time period without rotting by making the interior of the container (1) vacuum by discharging air from the interior of the container (1) to the outside with the assistance of a vacuum pump (23), and a connection part (24) of the vacuum pump (23) is made in a compact size to obtain an easier storing and preventing damage.

IPC 8 full level

B65D 81/20 (2006.01)

CPC (source: EP KR US)

B65D 45/02 (2013.01 - KR); **B65D 51/1644** (2013.01 - EP US); **B65D 81/20** (2013.01 - KR); **B65D 81/2038** (2013.01 - EP US)

Citation (applicant)

WO 2005063595 A1 20050714 - FORMASTER S A [PL], et al

Citation (search report)

- [A] WO 2005063595 A1 20050714 - FORMASTER S A [PL], et al
- [A] GB 2249084 A 19920429 - DESIGN MARKETING LIMITED [GB]
- [A] JP 2003040321 A 20030213 - SANSHIN KAKO KK, et al

Cited by

US9370791B1; EP2261133A1; WO2009147506A3

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1900649 A1 20080319; **EP 1900649 B1 20101110**; AT E487669 T1 20101115; CN 100591584 C 20100224; CN 101143631 A 20080319; DE 602007010389 D1 20101223; KR 100774248 B1 20071107; US 2008061063 A1 20080313

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