Title (en)
  VACUUM COVER

Title (de)
  VAKUUMDECKEL

Title (fr)
  COUVERCLE À VIDE

Publication
  EP 2081848 A4 20100505 (EN)

Application
  EP 07746229 A 20070427

Priority
  • KR 2007002071 W 20070427
  • KR 20060097316 A 20061002
  • KR 20070030496 A 20070328

Abstract (en)
  [origin: US2010237071A1] Disclosed herein is a vacuum cover, which is coupled to an object to define storage space isolated from the exterior, and moves in a direction that reduces the volume of the storage space due to its elasticity, thus discharging air from the storage space, therefore improving sealing ability and preventing food stored in the storage space from contacting the air. The vacuum cover is made of elastomer, such as silicone rubber, and integrally has a member for air-tightly contacting an object or a valve for supplying or exhausting the air. The vacuum cover includes an elastic body, which isolates storage space from an exterior and is deformed so that air is exhausted from or supplied to the storage space, and a valve provided at a predetermined position on the body to discharge and/or supply the air from and/or to the storage space.

IPC 8 full level
  B65D 81/20 (2006.01)

CPC (source: EP KR US)
  B65D 43/02 (2013.01 - KR); **B65D 51/16** (2013.01 - KR); **B65D 81/20** (2013.01 - KR); **B65D 81/2038** (2013.01 - EP US)

Citation (search report)
  • [XY] DE 202005009608 U1 20050901 - SCHWARZ DIETER DS PRODUKTE [DE]
  • [X] US 5944211 A 19990831 - WOODNORTH BRIAN E [US], et al
  • [XA] US 3414160 A 19681203 - MICHEL WEBER
  • [YA] EP 1531132 A1 20050518 - MERONI BRUNO [IT]

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

DOCDB simple family (publication)
  WO 2008041791 A1 20080410; AT E523447 T1 20110915; CN 101522541 A 20090902; EP 2081848 A1 20090729; EP 2081848 A4 20100505; EP 2081848 B1 20110907; JP 2010505709 A 20100225; JP 5216775 B2 20130619; KR 100752223 B1 20070827; KR 100759487 B1 20070920; KR 100855708 B1 20080903; KR 100855713 B1 20080903; KR 20080030913 A 20080407; KR 20080030914 A 20080407; US 2010237071 A1 20100923

DOCDB simple family (application)
  KR 2007002071 W 20070427; AT 07746229 T 20070427; CN 200780036832 A 20070427; EP 07746229 A 20070427; JP 2009531314 A 20070427; KR 20070030496 A 20070328; KR 20070040805 A 20070426; KR 20070040806 A 20070426; KR 20070062321 A 20070625; US 44392407 A 20070427