

Title (en)
CONTAINER LID AND VALVE

Title (de)
BEHÄLTERDECKEL UND VENTIL

Title (fr)
COUVERCLE DE RÉCIPIENT ET VALVE

Publication
EP 3089921 A4 20170614 (EN)

Application
EP 14876350 A 20140702

Priority
• US 2014010067 W 20140102
• US 2014045228 W 20140702

Abstract (en)
[origin: WO2015102667A1] A lid configured for use with a fluid container includes a body member and a valve. The body member includes a central body that extends to an outer periphery configured to couple to a rim of a fluid container. The body member defines an aperture therethrough and has top and bottom surfaces. The valve has a first portion directly secured to the bottom surface and a second portion that extends from the first portion. The second portion includes a protuberance and is movable relative to the first portion between free and depressed states in response to deflection of at least a portion of the central body relative to the outer periphery. The protuberance is configured for sealed engagement with the aperture while the second portion is in the free state and is spaced from the aperture while the second portion is in the depressed state.

IPC 8 full level
B65D 47/24 (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP US)
B65D 43/0212 (2013.01 - EP US); **B65D 47/2062** (2013.01 - EP); **B65D 47/247** (2013.01 - EP); **B65D 47/32** (2013.01 - EP);
B65D 51/1644 (2013.01 - EP US); **B65D 51/1683** (2013.01 - EP); **B65D 2543/00027** (2013.01 - EP); **B65D 2543/00046** (2013.01 - EP US);
B65D 2543/00092 (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP); **B65D 2543/00685** (2013.01 - EP);
B65D 2543/00731 (2013.01 - EP); **B65D 2543/00796** (2013.01 - EP); **Y10T 29/49417** (2015.01 - EP US); **Y10T 29/49421** (2015.01 - EP US)

Citation (search report)
• [I] US 6336574 B1 20020108 - HINS JOHANNES [DE]
• [IA] US 2005051552 A1 20050310 - KIM SEONG SOO [US]
• [IA] US 4190174 A 19800226 - HAIMOWITZ IRWIN [US]
• [A] US 3730399 A 19730501 - DIBRELL J, et al
• See references of WO 2015102667A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015102667 A1 20150709; WO 2015102667 A8 20160609; EP 3089921 A1 20161109; EP 3089921 A4 20170614

DOCDB simple family (application)
US 2014045228 W 20140702; EP 14876350 A 20140702