

Title (en)
MECHANICALLY SEALED CONTAINER CAP

Title (de)
MECHANISCH ABGEDICHTETE BEHÄLTERKAPPE

Title (fr)
COUVERCLE DE RÉCIPIENT SCELLÉ MÉCANIQUEMENT

Publication
EP 3142940 A1 20170322 (EN)

Application
EP 15792701 A 20150513

Priority
• US 201461992828 P 20140513
• US 2015030658 W 20150513

Abstract (en)
[origin: WO2015175716A1] A cap for a container includes a base portion that connects to the container, the base portion including a mouthpiece in fluid communication with an internal cavity of the container. A seal member is movably connected relative to the base portion, and the seal member moves between an unactuated and an actuated position. The seal member allows a fluid to flow from the internal cavity of the container through the mouthpiece when the seal member is in the actuated position, and seals the internal cavity of the container in the unactuated position. The cap also includes an actuating portion that actuates the seal member between the unactuated position and the actuated position to selectively open the internal cavity of the container.

IPC 8 full level
B65D 47/06 (2006.01); **B65D 53/02** (2006.01); **B65D 53/04** (2006.01)

CPC (source: EP KR US)
B65D 41/04 (2013.01 - US); **B65D 43/26** (2013.01 - US); **B65D 47/06** (2013.01 - KR US); **B65D 47/2062** (2013.01 - EP KR US); **B65D 47/248** (2013.01 - EP); **B65D 51/18** (2013.01 - US); **B65D 53/02** (2013.01 - KR US); **B65D 53/04** (2013.01 - KR); **F16K 1/00** (2013.01 - KR); **F16K 1/12** (2013.01 - EP US); **F16K 31/445** (2013.01 - EP US); **B65D 2251/0018** (2013.01 - US); **B65D 2251/0028** (2013.01 - US); **B65D 2251/0078** (2013.01 - US); **B65D 2251/009** (2013.01 - US); **B65D 2543/00046** (2013.01 - EP KR US); **B65D 2543/00092** (2013.01 - EP KR US); **B65D 2543/00231** (2013.01 - EP KR US); **B65D 2543/00314** (2013.01 - EP KR US); **B65D 2543/0049** (2013.01 - EP KR US); **B65D 2543/00546** (2013.01 - EP KR US); **B65D 2543/00564** (2013.01 - EP US); **B65D 2543/00972** (2013.01 - EP US)

Cited by
US11912469B2; US11673720B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015175716 A1 20151119; AU 2015259182 A1 20161117; CA 2948174 A1 20151119; CN 106414265 A 20170215; EP 3142940 A1 20170322; EP 3142940 A4 20171213; JP 2017518929 A 20170713; KR 20170009900 A 20170125; MX 2016014799 A 20170323; US 2017050775 A1 20170223

DOCDB simple family (application)
US 2015030658 W 20150513; AU 2015259182 A 20150513; CA 2948174 A 20150513; CN 201580024993 A 20150513; EP 15792701 A 20150513; JP 2016567861 A 20150513; KR 20167034712 A 20150513; MX 2016014799 A 20150513; US 201515307969 A 20150513