

Title (en)
CLOSURE CAP

Title (de)
VERSCHLUSSKAPPE

Title (fr)
CAPUCHON DE FERMETURE

Publication
EP 2847084 A1 20150318 (DE)

Application
EP 13722394 A 20130508

Priority
• EP 12167271 A 20120509
• EP 2013059621 W 20130508
• EP 13722394 A 20130508

Abstract (en)
[origin: EP2662303A1] The closure cap (1) has the integral plugs (3a,3b) for removal or introduction of fluid from or into the container and for reseal after removing or injecting of liquid. The cap portion is placed inwardly to the displacement portion (4) to reduce the dead volume of the container based on the undersize.

IPC 8 full level
B65D 51/00 (2006.01); **A61J 1/14** (2006.01)

CPC (source: EP US)
A61J 1/1406 (2013.01 - EP US); **A61J 1/1487** (2015.05 - EP US); **B65D 39/04** (2013.01 - US); **B65D 41/28** (2013.01 - US); **B65D 51/002** (2013.01 - EP US); **A61J 1/1431** (2015.05 - EP US); **F04C 2270/0421** (2013.01 - EP US)

Citation (search report)
See references of WO 2013167672A1

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)
EP 2662303 A1 20131113; CN 104379463 A 20150225; CN 104379463 B 20161005; EP 2847084 A1 20150318; EP 2847084 B1 20170712; US 2015069008 A1 20150312; US 9731872 B2 20170815; WO 2013167672 A1 20131114

DOCDB simple family (application)
EP 12167271 A 20120509; CN 201380020307 A 20130508; EP 13722394 A 20130508; EP 2013059621 W 20130508; US 201314394671 A 20130508