

Title (en)
CLOSURE FOR THE CHARGING HOLE OF A LIQUID CONTAINER

Title (de)
VERSCHLUSS FÜR DIE BEFÜLLÖFFNUNG EINES FLÜSSIGKEITSBEHÄLTERS

Title (fr)
FERMETURE POUR ORIFICE DE REMPLISSAGE D'UN RÉCIPIENT DE LIQUIDE

Publication
EP 3030515 A1 20160615 (DE)

Application
EP 13766906 A 20130809

Priority
EP 2013066745 W 20130809

Abstract (en)
[origin: WO2015018458A1] The closure serves to tightly close the charging hole of a liquid container. Said closure permits tapping of the container at the charging hole. The closure is provided with a pressure-equalizing valve. A bung bush made of elastic material has, at a distance next to each other, an axial tapping channel (18) and an axial pressure-equalizing channel (28), which lead next to each other to an end surface (26) of the bung bush. A flap (30) is integrally coupled to the bung bush, which flap covers the end surface (26) in the closed position, closes the mouths of the channels (18, 28) in a manner tight to spray and blocks off the pressure-equalizing channel (28) in a pressure-tight manner. The flap (30) can be pivoted up and down manually in order to open up the pressure-equalizing channel (28) to a greater or lesser extent and thus to actuate the pressure-equalizing valve.

IPC 8 full level
B67D 1/08 (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP MX US)
B67D 1/08 (2013.01 - MX); **B67D 1/0802** (2013.01 - EP US); **B67D 1/0807** (2013.01 - US); **B67D 1/0808** (2013.01 - EP US); **B67D 1/0835** (2013.01 - US); **B67D 2001/0822** (2013.01 - US)

Citation (search report)
See references of WO 2015018458A1

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 2015018458 A1 20150212; AU 2013397538 A1 20160218; AU 2013397538 B2 20170202; BR 112016002486 A2 20170801; BR 112016002486 B1 20201222; CA 2919364 A1 20150212; CA 2919364 C 20170905; EP 3030515 A1 20160615; EP 3030515 B1 20170607; MX 2016001201 A 20160721; US 2016194191 A1 20160707; US 9790077 B2 20171017

DOCDB simple family (application)
EP 2013066745 W 20130809; AU 2013397538 A 20130809; BR 112016002486 A 20130809; CA 2919364 A 20130809; EP 13766906 A 20130809; MX 2016001201 A 20130809; US 201314910906 A 20130809