

Title (en)

FILLABLE CLOSURE DEVICE WITH TRIGGERING PUSHBUTTON

Title (de)

BEFÜLLBARER VERSCHLUSS MIT DRUCKKNOPF ZUM AUSLÖSEN

Title (fr)

DISPOSITIF DE FERMETURE REMPLISSABLE POURVU D'UN BOUTON-PRESSION DE DÉCLENCHEMENT

Publication

EP 2240382 B1 20121212 (DE)

Application

EP 09709669 A 20090119

Priority

- CH 2009000019 W 20090119
- CH 2102008 A 20080214

Abstract (en)

[origin: WO2009100544A1] The fillable closure with a triggering pushbutton comprises a filler neck (3) that is to be screwed onto or joined to a container neck (4) as well as a closure cap (1) which is associated to said filler neck (3) and can be joined, pivoted and snapped-on the filler neck (3) by means of a hinge connection. A separately fillable container (2) can be inserted into the filler neck (3), said container being closed at the bottom with a sealing foil (19) that can be pierced or cut open. The closure cap (1) comprises a cap cover as a pusher disc (7), which can be pressed downward in the axial direction while deforming. By pressing said cap cover downward on the container (2) inserted in the filler neck or on a rigid opening element accommodated therein, said opening element can be pressed downward so that the sealing foil (19) of the container (2) can be pierced and cut open.

IPC 8 full level

B65D 51/28 (2006.01)

CPC (source: EP US)

B65D 51/2821 (2013.01 - EP US)

Cited by

US10604313B2; WO2015169821A1; US9944444B2; US10232998B2; EP2663511A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

WO 2009100544 A1 20090820; BR PI0905922 A2 20150623; BR PI0905922 A8 20160419; BR PI0905922 B1 20180731; CN 101945813 A 20110112; CN 101945813 B 20130102; EP 2240382 A1 20101020; EP 2240382 B1 20121212; ES 2401139 T3 20130417; JP 2011511742 A 20110414; JP 5388232 B2 20140115; MX 2010008837 A 20100907; PL 2240382 T3 20130628; RU 2010133734 A 20120320; RU 2506212 C2 20140210; US 2010288767 A1 20101118; US 8672154 B2 20140318

DOCDB simple family (application)

CH 2009000019 W 20090119; BR PI0905922 A 20090119; CN 200980105273 A 20090119; EP 09709669 A 20090119; ES 09709669 T 20090119; JP 2010546192 A 20090119; MX 2010008837 A 20090119; PL 09709669 T 20090119; RU 2010133734 A 20090119; US 80885109 A 20090119