

Title (en)
MIXING/CLOSURE DEVICE FOR A CONTAINER

Title (de)
ZUMISCH-VERSCHLUSSVORRICHTUNG FÜR EINEN BEHÄLTER

Title (fr)
DISPOSITIF DE MÉLANGE ET DE FERMETURE DESTINÉ À UN RÉCIPIENT

Publication
EP 3140213 A1 20170315 (DE)

Application
EP 15725515 A 20150506

Priority
• DE 102014106369 A 20140507
• DE 102014107547 A 20140528
• DE 102014113201 A 20140912
• EP 2015059905 W 20150506

Abstract (en)
[origin: CA2958933A1] The invention relates to a closure device (1) for a container (2), having a lid element (4) for closing the container opening (3), a chamber (6) which is arranged on the lid element (4) for storing a medium, and an inner housing (5). The chamber (6) and the inner housing (5) have corresponding closure means (7) and opening means (9). A discharge opening (8) paired with the chamber (6) can be released by moving the lid element (4) relative to the inner housing (5) such that a medium can exit the chamber (6) into the container (2). The chamber (6) and the inner housing (5) each have a corresponding first thread (10) which is formed relative to a winding rotational axis (18). The first winding (10) which is located on the chamber (6) is arranged so as to point radially outwards when seen from the winding rotational axis (18).

IPC 8 full level
B65D 51/28 (2006.01)

CPC (source: CN EP KR RU US)
B65D 39/08 (2013.01 - US); **B65D 41/04** (2013.01 - KR); **B65D 41/0492** (2013.01 - CN); **B65D 51/2864** (2013.01 - CN);
B65D 51/2892 (2013.01 - EP KR RU US); **B65D 53/06** (2013.01 - RU US)

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)
DE 102014113392 A1 20151112; DE 102014113392 B4 20220825; CA 2958933 A1 20151112; CA 2958933 C 20230822;
CN 106458396 A 20170222; CN 106458396 B 20190215; EP 3140213 A1 20170315; EP 3140213 B1 20201118; JP 2017517449 A 20170629;
JP 6744824 B2 20200819; KR 102396798 B1 20220511; KR 20170005451 A 20170113; RU 2016146600 A 20180607;
RU 2016146600 A3 20181030; RU 2688984 C2 20190523; US 10232998 B2 20190319; US 2017073133 A1 20170316;
US 2018118430 A1 20180503; US 9944444 B2 20180417; WO 2015169824 A1 20151112; ZA 201700736 B 20181128;
ZA 201707353 B 20190529

DOCDB simple family (application)
DE 102014113392 A 20140917; CA 2958933 A 20150506; CN 201580026794 A 20150506; EP 15725515 A 20150506;
EP 2015059905 W 20150506; JP 2016566254 A 20150506; KR 20167034140 A 20150506; RU 2016146600 A 20150506;
US 201515309099 A 20150506; US 201715855476 A 20171227; ZA 201700736 A 20170130; ZA 201707353 A 20171030