

Title (en)

DEVICE HAVING A RIGID CONTAINER AND A FLEXIBLE CYLINDRICAL BAG FOR PACKAGING FLUIDS

Title (de)

VORRICHTUNG MIT STARREM BEHÄLTER UND FLEXIBLEM ZYLINDERBEUTEL ZUM VERPACKEN VON FLÜSSIGKEITEN

Title (fr)

DISPOSITIF A RECIPIENT RIGIDE ET POCHE CYLINDRIQUE SOUPLE POUR LE CONDITIONNEMENT DE FLUIDES

Publication

EP 3019416 B1 20170621 (FR)

Application

EP 14742269 A 20140624

Priority

- FR 1356698 A 20130708
- FR 2014051571 W 20140624

Abstract (en)

[origin: WO2015004360A1] The invention relates to a device for packaging and dispensing a fluid product, comprising a sealed flexible bag (1) placed in a rigid bottle (10) and connected to a pump or a valve (13), said bag comprising a cylindrical wall consisting of a sheet (2) wound around a cylinder, the edge of which is sealingly attached to a flange forming a ring for attachment to the bottle and to the pump or to the valve, said flange (4) being made of a plastic, the inner surface of said flange supporting a covering sheet (20A, 20B) supported by the inner surface of said flange. According to the invention, the other edge of said sheet is sealingly attached to a second flange forming the bottom of the bag, said second flange (3) being made of a plastic, and the inner surface of said flange supporting a covering sheet (20A, 20B) which completely covers the inner surface of said flanges.

IPC 8 full level

B65D 77/06 (2006.01); **B05B 11/00** (2006.01); **B65D 83/00** (2006.01); **B65D 83/38** (2006.01)

CPC (source: EP US)

B05B 11/0037 (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B65D 77/06** (2013.01 - EP US); **B65D 83/0055** (2013.01 - EP US); **B65D 83/38** (2013.01 - EP 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

DOCDB simple family (publication)

FR 3008078 A1 20150109; **FR 3008078 B1 20160401**; BR 112015033050 A2 20170725; BR 112015033050 B1 20210914; CA 2916359 A1 20150115; CA 2916359 C 20201229; CN 105392714 A 20160309; CN 105392714 B 20180515; EP 3019416 A1 20160518; EP 3019416 B1 20170621; ES 2635350 T3 20171003; IL 243489 A0 20160229; IL 243489 B 20191031; JP 2016523781 A 20160812; JP 6346948 B2 20180620; KR 102156681 B1 20200916; KR 20160030197 A 20160316; US 10307776 B2 20190604; US 2017113236 A1 20170427; WO 2015004360 A1 20150115

DOCDB simple family (application)

FR 1356698 A 20130708; BR 112015033050 A 20140624; CA 2916359 A 20140624; CN 201480038856 A 20140624; EP 14742269 A 20140624; ES 14742269 T 20140624; FR 2014051571 W 20140624; IL 24348916 A 20160106; JP 2016524863 A 20140624; KR 20167002147 A 20140624; US 201414901318 A 20140624