

Title (en)

DEVICE FOR PACKAGING AND DISPENSING A FLUID CONTENT

Title (de)

VERPACKUNG- UND AUSGABE-VORRICHTUNG EINES FLUIDS

Title (fr)

DISPOSITIF DE CONDITIONNEMENT ET DE DISTRIBUTION D'UN CONTENU FLUIDE

Publication

**EP 2321064 B1 20131009 (FR)**

Application

**EP 09740483 A 20090824**

Priority

- FR 2009051616 W 20090824
- FR 0855755 A 20080827

Abstract (en)

[origin: WO2010023398A1] The present invention relates to a device (1) that comprises a tank (3) and an airless dispensing pump (4). The tank comprises: a rigid portion including a solid rigid frame (6) provided with a through-perforation (12) capable of enabling the passage and the mounting of the pump, defined by two large opposite side surfaces (9a, 9b) and comprising, on at least one of the two large side surfaces, a large side opening (10a, 10b); at least one solid deformable wall (7a) attached to the rigid portion in a rigid sealed manner while closing, in a sealed manner, the at least one large side opening, said wall having a certain overall flexibility enabling the deformation thereof when the contents of the pump are dispensed; and a cavity. The pump is attached in a rigid sealed manner to the frame while passing through the perforation, the inner portion thereof for taking content to be dispensed being located in the tank cavity, and the outer portion thereof for actuating and dispensing the content being located outside the tank.

IPC 8 full level

**B05B 11/00** (2006.01); **A45D 34/02** (2006.01); **A45D 40/00** (2006.01)

CPC (source: EP US)

**A45D 34/02** (2013.01 - EP US); **A45D 40/0087** (2013.01 - EP US); **B05B 11/0008** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US)

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 SM TR

DOCDB simple family (publication)

**WO 2010023398 A1 20100304**; CN 102186600 A 20110914; EP 2321064 A1 20110518; EP 2321064 B1 20131009; FR 2935360 A1 20100305; FR 2935360 B1 20121221; US 2011186174 A1 20110804

DOCDB simple family (application)

**FR 2009051616 W 20090824**; CN 200980138260 A 20090824; EP 09740483 A 20090824; FR 0855755 A 20080827; US 200913060954 A 20090824