

Title (en)

REFILLABLE DEVICE FOR PACKAGING AND DISPENSING A FLUID PRODUCT

Title (de)

NACHFÜLLBARE VORRICHTUNG ZUR VERPACKUNG UND ABGABE EINES FLÜSSIGEN PRODUKTS

Title (fr)

DISPOSITIF RECHARGEABLE DE CONDITIONNEMENT ET DE DISTRIBUTION D'UN PRODUIT FLUIDE

Publication

**EP 2969241 B1 20191113 (FR)**

Application

**EP 14713531 A 20140305**

Priority

- FR 1352304 A 20130314
- FR 2014050495 W 20140305

Abstract (en)

[origin: WO2014140454A1] Refillable device (12) for packaging/dispensing a fluid product, comprising: a reservoir (16) delimiting a variable interior volume for containing said product; a product distribution nozzle (18); a product distribution passage (20) connecting the reservoir and the nozzle and provided with a first closure system (32) designed to allow/prevent a flow of product between the reservoir and the nozzle; an opening (48) for filling with product; and a product filling duct (50) connecting the opening and the reservoir and provided with a second closure system (58) designed to allow/prevent a flow of product between the opening and the reservoir, the second closure system being normally kept closed and being designed for opening via collaboration with a product refilling device (14). The reservoir is positioned in such a way as to accept a force from a user in order to reduce its volume. The nozzle and the opening open onto one and the same face of the refillable device.

IPC 8 full level

**B05B 11/00** (2006.01); **B05B 11/04** (2006.01)

CPC (source: EP US)

**B05B 11/0097** (2013.01 - EP US); **B05B 11/04** (2013.01 - EP US); **B05B 11/047** (2013.01 - EP US); **B05B 11/048** (2013.01 - EP US); **B65D 21/086** (2013.01 - US)

Citation (examination)

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