

Title (en)

Assembly including a refillable bottle and a product source

Title (de)

Einheit aus einem auffüllbaren Flacon und einer Produktquelle

Title (fr)

Ensemble comprenant un flacon remplissable et une source de produit

Publication

**EP 2792418 B1 20160113 (FR)**

Application

**EP 14163627 A 20140404**

Priority

FR 1353445 A 20130416

Abstract (en)

[origin: US2014305543A1] The invention relates to a unit comprising a refillable bottle for dispensing a fluid product and a source (15) of product intended for the filling of said refillable bottle, said source comprising a reservoir (18) provided with a device for dispensing, said refillable bottle comprising a reservoir (2) and a device (10) for dispensing, said refillable bottle provided with a valve (14) for filling the reservoir (2), with the opening of the source (15) provided with a socket (23) for the reversible connection of the device for dispensing by putting into sealed communication the means for supplying said device with the source reservoir (18), said socket being arranged, after disconnection of the device for dispensing, to allow for the connection of the refillable bottle by actuating the opening of the valve (14) in order to put into sealed communication the reservoirs (2, 18) for the purposes of filling.

IPC 8 full level

**B05B 11/00** (2006.01); **B65B 3/10** (2006.01)

CPC (source: EP US)

**B05B 11/0056** (2013.01 - EP US); **B05B 11/1043** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1049** (2023.01 - EP US); **B65B 3/10** (2013.01 - US); **B05B 11/1001** (2023.01 - 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)

**EP 2792418 A1 20141022; EP 2792418 B1 20160113**; BR 102014009183 A2 20171212; BR 102014009183 B1 20210420; CN 104176380 A 20141203; CN 104176380 B 20190226; ES 2562233 T3 20160303; FR 3004429 A1 20141017; FR 3004429 B1 20151127; US 2014305543 A1 20141016; US 9469422 B2 20161018

DOCDB simple family (application)

**EP 14163627 A 20140404**; BR 102014009183 A 20140415; CN 201410317166 A 20140416; ES 14163627 T 20140404; FR 1353445 A 20130416; US 201414247647 A 20140408