

Title (en)

Packaging and dispensing unit for a product, in particular for a cosmetic product

Title (de)

Verpackungs- und Abgabeeinheit eines Produktes, insbesondere eines kosmetischen Produktes

Title (fr)

Ensemble de conditionnement et de distribution d'un produit, notamment cosmétique

Publication

EP 1588775 B1 20140827 (FR)

Application

EP 05300294 A 20050419

Priority

FR 0404207 A 20040421

Abstract (en)

[origin: EP1588775A1] The assembly has a pump (150) to withdraw a cosmetic product in a container (2) and to withdraw the product in a storage chamber (55) when a refillable unit (10) is disposed above the container and is separated from the container, respectively. The chamber is formed above a piston (32) of the unit, when the unit is at top end. The unit permits to create a depression in the chamber to fill the chamber with the product. Independent claims are also included for the following: (A) a refillable unit arranged for being disposed in a removable manner on a container (B) a product distributing method.

IPC 8 full level

B05B 11/00 (2006.01); **B65D 47/20** (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP)

B05B 11/0056 (2013.01); **B05B 11/028** (2023.01)

Cited by

EP2977110A1; EP2741972A4; RU2613598C2; FR3024056A1; FR3103362A1; CN114667082A; WO2017129883A1; WO2006122377A2; WO2021105601A1; WO2020208319A1; FR3094895A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1588775 A1 20051026; EP 1588775 B1 20140827; BR PI0501356 A 20060425; CN 100506663 C 20090701; CN 1689931 A 20051102; ES 2523850 T3 20141202; FR 2869302 A1 20051028; FR 2869302 B1 20060714; JP 2005350144 A 20051222; JP 2011105390 A 20110602

DOCDB simple family (application)

EP 05300294 A 20050419; BR PI0501356 A 20050419; CN 200510066069 A 20050420; ES 05300294 T 20050419; FR 0404207 A 20040421; JP 2005151542 A 20050421; JP 2011025413 A 20110121