

Title (en)

Device for storing and applying a liquid product

Title (de)

Verpackungseinheit zum Aufbewahren und Auftragen einer Flüssigkeit

Title (fr)

Ensemble de conditionnement et d'application d'un produit fluide

Publication

**EP 0872193 B1 20031203 (FR)**

Application

**EP 98400649 A 19980319**

Priority

FR 9704624 A 19970415

Abstract (en)

[origin: EP0872193A1] The assembly (1) consists of a container (2) for the product (P), with an aperture (8) closed and sealed by a cap (5), and an applicator (10) which has one end (13) in constant contact with the fluid and its other end (14) forming an applying tip (15). The applicator is made from an absorbent material with open cells which have a mean size of between 200  $\mu\text{m}$  and 3 mm and preferably between 700  $\mu\text{m}$  and 2 mm or between 0.1 mm and 1.5 mm, and is at least partially compressed inside the container. The applicator is made at least partly from a foam material such as polyurethane, polyethylene, PVC, polyether, polyester, or natural or synthetic rubber and can also be made partly from a fritted material such as PVC, ethylene vinyl acetate or felt.

IPC 1-7

**A45D 34/04**

IPC 8 full level

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CPC (source: EP US)

**A45D 34/04** (2013.01 - EP US); **A45D 34/043** (2013.01 - EP US); **A45D 2200/1018** (2013.01 - EP US)

Cited by

EP1094011A1; FR2800041A1; WO2019121262A1; FR3075022A1; FR2809602A1; EP4399995A1; FR3144747A1; DE19929900A1; DE19929900B4; FR3036592A1; US7874756B2; US7441974B2; WO0191599A1; FR2832297A1; US7125189B2; US7594595B2; US11470946B2; US6715951B2; WO2016156083A1; WO2019185948A1; WO2016189061A1; FR2860769A1; US6883995B1; WO2020240051A1

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