

Title (en)

Pump to spray a product in different positions and container therefor

Title (de)

Pumpe zum Ausbringen eines Produkts in verschiedenen Sprühpositionen und entsprechender Behälter

Title (fr)

Pompe permettant de distribuer un produit dans différentes position et récipient pour celle-lui

Publication

**EP 1616632 B1 20111228 (FR)**

Application

**EP 05023001 A 20040408**

Priority

- EP 04290938 A 20040408
- FR 0304591 A 20030411

Abstract (en)

[origin: EP1466669A1] The pump has a pump body with an opening (24) to communicate a pumping chamber with an interior of a receptacle. A lip (40) is fixed on the body to prevent communication between the chamber and receptacle, after the displacement of mobile assembly in a product distribution direction from a rest position. Another lip (41) is placed above the former lip to prevent the communication across an interior of the body and the opening. An independent claim is also included for a receptacle equipped with a pump.

IPC 8 full level

**B05B 11/00** (2006.01); **F04B 9/14** (2006.01)

CPC (source: EP US)

**B05B 11/00442** (2018.07 - EP); **B05B 11/0059** (2013.01 - EP US); **B05B 11/1016** (2023.01 - EP); **B05B 11/0039** (2018.07 - US); **B05B 11/0044** (2018.07 - EP)

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