

Title (en)

Dispenser for liquid or pasty product, particularly for use in cosmetics

Title (de)

Spender für flüssige oder pastöse Produkte, insbesondere zur Verwendung in Kosmetika

Title (fr)

Distributeur de produit liquide ou pâteux utilisable notamment en cosmétique

Publication

**EP 0733559 B1 19981111 (FR)**

Application

**EP 96400594 A 19960321**

Priority

FR 9503256 A 19950321

Abstract (en)

[origin: EP0733559A1] The distributor comprises a retractable reservoir (1) for the product. This reservoir is connected through a valve (9) to a variable volume chamber (19) under the action of a push button (10). The push button body constitutes with a piston (8) fixed to the reservoir the variable volume chamber. The chamber is connected to the outside through a second valve (27). The push button body consists of two parts (10a,10b) each provided with an orifice (20,25). These two parts are able to pivot relative to each other between positions in which the orifices are either facing each other or not. When the two orifices are not facing each other the product contained in the variable volume chamber cannot reach the second valve and the push button is immobilised. The two orifices communicate through a channel (26) with the second valve.

IPC 1-7

**B65D 47/34**; **B05B 11/00**

IPC 8 full level

**A45D 34/00** (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **B65D 83/76** (2006.01)

CPC (source: EP US)

**B05B 11/0029** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1001** (2023.01 - US); **B05B 11/1004** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US)

Cited by

EP0888823A1; DE102007060359A1; EP1818109A1; EP1748939A4; FR2848618A1; CN100464871C; EP1857186A1; US6352182B1; FR2765560A1; US6070763A; WO2005072427A2; US7481336B2; US7874466B2; WO9915425A1; WO2004054721A1; US9630755B2; US9963288B2; US9725228B2; US6371333B2; US9668914B2; US9938128B2; US10464801B2

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**EP 0733559 A1 19960925**; **EP 0733559 B1 19981111**; AT E173225 T1 19981115; CA 2172229 A1 19960922; CA 2172229 C 20030506; DE 69600939 D1 19981217; DE 69600939 T2 19990512; ES 2126365 T3 19990316; FR 2731992 A1 19960927; FR 2731992 B1 19970430; JP 3635594 B2 20050406; JP H08258858 A 19961008; US 5617976 A 19970408

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