

Title (en)

Push button for a system for pressurised product distribution

Title (de)

Druckknopf für ein Verteilungssystem eines unter Druck stehenden Produkts

Title (fr)

Bouton poussoir pour un système de distribution d'un produit sous pression

Publication

EP 2279798 B1 20130327 (FR)

Application

EP 10290386 A 20100712

Priority

FR 0903630 A 20090722

Abstract (en)

[origin: EP2279798A1] The push-button has an actuator body (14) slidably mounted around a sleeve (15) between high position and low position by forming a space to carry a product from a mounting well (16) to an ejecting orifice (17). A needle valve (18) is mounted between the body and the sleeve by a reversible displacing device for reversible displacement of the needle valve between closing position and ejection position when the body is in the high position and low position. An elastic return unit elastically returns the body to the high position. An independent claim is also included for a bottle containing a product to be dispensed under pressure.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/1053 (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1023** (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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2279798 A1 20110202; **EP 2279798 B1 20130327**; BR PI1002579 A2 20120327; BR PI1002579 A8 20150407; ES 2405179 T3 20130530; FR 2948343 A1 20110128; US 2011017779 A1 20110127; US 8444023 B2 20130521

DOCDB simple family (application)

EP 10290386 A 20100712; BR PI1002579 A 20100721; ES 10290386 T 20100712; FR 0903630 A 20090722; US 84075210 A 20100721