

Title (en)

Push-button of a dispenser for a dispensing a product

Title (de)

Drückknopf für eine Abgabevorrichtung zur Abgabe eines Fluids

Title (fr)

Bouton poussoir pour un système de distribution d'un produit

Publication

EP 2543444 B1 20150916 (FR)

Application

EP 12171872 A 20120613

Priority

FR 1156130 A 20110706

Abstract (en)

[origin: EP2543444A1] The button has an actuation body (7) sliding about a sleeve (8) between a high position and a low position. A closure needle (11) is associated with the sleeve by a link (23) that is rotated on the sleeve to actuate a reversible movement of the needle between closure and open positions of an ejection orifice (10) when the body is in the high position or the low position. The needle is provided with a geometric unit that interacts with the body to exert force holding the needle in a mounting position in which the needle projects from the body to enable the link associated with the needle. Independent claims are also included for the following: (1) a method for assembling a push button (2) a pressurized fluid dispensing system (3) a bottle.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 1/00 (2013.01 - US); **B05B 1/3402** (2018.07 - US); **B05B 11/1053** (2023.01 - EP US); **B05B 11/0005** (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **Y10T 29/49412** (2015.01 - EP US)

Cited by

CN112469507A; AU2019309604B2; US10940493B2; WO2020023112A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2543444 A1 20130109; **EP 2543444 B1 20150916**; BR 102012016589 A2 20140527; BR 102012016589 A8 20150407; CN 102862733 A 20130109; CN 102862733 B 20161221; ES 2554617 T3 20151222; FR 2977573 A1 20130111; FR 2977573 B1 20130816; US 2013008981 A1 20130110; US 9227213 B2 20160105

DOCDB simple family (application)

EP 12171872 A 20120613; BR 102012016589 A 20120705; CN 201210231578 A 20120705; ES 12171872 T 20120613; FR 1156130 A 20110706; US 201213543525 A 20120706