

Title (en)

Compact pump with a bell placed between the nozzle and the push button

Title (de)

Kompaktpumpe mit einer zwischengeschalteten Glocke zwischen der Düse und dem Schaltknopf

Title (fr)

Pompe compacte présentant une cloche interposée entre le gicleur et le bouton poussoir

Publication

**EP 1935501 B1 20100721 (FR)**

Application

**EP 07291553 A 20071218**

Priority

FR 0611327 A 20061222

Abstract (en)

[origin: EP1935501A1] The pump has a jetter (9) connected to a push button (10) for being actuated in translation in a pump body (3). The jetter has a distribution path comprising a radial upstream orifice (12) and a channel (13) including a downstream end contacting a distributing nozzle (14). A piston (16) is mounted in rubbing contact against an inner surface of the body so as to delimit a dosage chamber (17) contacting a liquid via a valve. The piston occupies a closing state of the orifice and a contacting state of the orifice with the chamber. An upper cover is interposed between the jetter and the button.

IPC 8 full level

**B05B 11/00** (2006.01)

CPC (source: EP US)

**B05B 11/1008** (2023.01 - EP US); **B05B 11/1025** (2023.01 - EP US); **B05B 11/1026** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US)

Cited by

CN104524713A; EP3000533A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1935501 A1 20080625**; **EP 1935501 B1 20100721**; AT E474670 T1 20100815; AT E555856 T1 20120515; BR PI0705974 A 20080923; BR PI0705974 B1 20180807; CN 101245771 A 20080820; CN 101245771 B 20130605; DE 602007007876 D1 20100902; EP 1935502 A1 20080625; EP 1935503 A1 20080625; EP 1935503 B1 20120502; ES 2348271 T3 20101202; ES 2385500 T3 20120725; FR 2910449 A1 20080627; FR 2910449 B1 20090306; US 2008164344 A1 20080710; US 8056770 B2 20111115

DOCDB simple family (application)

**EP 07291553 A 20071218**; AT 07291553 T 20071218; AT 07291557 T 20071218; BR PI0705974 A 20071226; CN 200710169124 A 20071221; DE 602007007876 T 20071218; EP 07291554 A 20071218; EP 07291557 A 20071218; ES 07291553 T 20071218; ES 07291557 T 20071218; FR 0611327 A 20061222; US 96295207 A 20071221