

Title (en)

DOSING DEVICE WITH A MANUALLY ACTUABLE PUMPING MEANS

Title (de)

DOSIERVORRICHTUNG MIT EINER MANUELL BETÄTIGBAREN PUMPEINRICHTUNG

Title (fr)

DISPOSITIF DE DOSAGE DOTE D'UN DISPOSITIF DE POMPAGE ACTIONNE A LA MAIN

Publication

**EP 1986789 B1 20151111 (DE)**

Application

**EP 07703255 A 20070205**

Priority

- EP 2007000945 W 20070205
- DE 102006008874 A 20060221

Abstract (en)

[origin: WO2007096049A2] Dosing device for fluids with a manually actuatable pumping means. A dosing device with a manually actuatable pumping means, which comprises a pumping chamber, an inlet valve and an outlet valve in the region of a dosing opening, is known. According to the invention, an inlet region in the region of the inlet valve and/or an outlet region in the region of the outlet valve is/are provided with flow profilings. To be used for dispensing pharmaceutical liquids.

IPC 8 full level

**B05B 11/00** (2006.01)

CPC (source: EP US)

**B05B 11/0044** (2018.07 - EP US); **B05B 11/00444** (2018.07 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1016** (2023.01 - EP US); **B05B 11/1052** (2023.01 - EP US); **B05B 11/1061** (2023.01 - EP US); **B05B 11/107** (2023.01 - EP US)

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007096049 A2 20070830; WO 2007096049 A3 20071115**; AR 059860 A1 20080507; BR PI0707984 A2 20110517; BR PI0707984 B1 20190604; CA 2641096 A1 20070830; CA 2641096 C 20150324; CN 101384373 A 20090311; CN 101384373 B 20120704; DE 102006008874 A1 20070913; DE 102006008874 B4 20120621; EP 1986789 A2 20081105; EP 1986789 B1 20151111; JP 2009527297 A 20090730; JP 4950227 B2 20120613; US 2009026289 A1 20090129; US 8382010 B2 20130226

DOCDB simple family (application)

**EP 2007000945 W 20070205**; AR P070100706 A 20070219; BR PI0707984 A 20070205; CA 2641096 A 20070205; CN 200780006048 A 20070205; DE 102006008874 A 20060221; EP 07703255 A 20070205; JP 2008555658 A 20070205; US 22412407 A 20070205