

Title (en)

DOSING DEVICE WITH CAPILLARY AIR SUPPLY

Title (de)

DOSIERVORRICHTUNG MIT KAPILLARER LUFTZUFÜHRUNG

Title (fr)

DISPOSITIF DE DOSAGE COMPRENANT UNE AMENEE D'AIR CAPILLAIRE

Publication

EP 1786570 A1 20070523 (DE)

Application

EP 05776351 A 20050823

Priority

- EP 2005009092 W 20050823
- DE 102004044344 A 20040909

Abstract (en)

[origin: WO2006027102A1] The invention relates to a dosing device for at least one medium comprising a pump device, which is actively connected to a medium reservoir for discharging a medium, and comprising a venting device assigned to said medium reservoir. According to the invention, the venting device comprises a capillary channel, which forms a venting path between the medium reservoir and the surrounding area and whose channel length is larger by a multiple than its effective channel diameter. The inventive dosing device is provided for pharmaceutical or cosmetic purposes.

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)

Citation (search report)

See references of WO 2006027102A1

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 2006027102 A1 20060316; BR PI0515057 A 20080701; CA 2579361 A1 20060316; CN 101014417 A 20070808; DE 102004044344 A1 20060330; EP 1786570 A1 20070523; JP 2008512312 A 20080424; US 2007284393 A1 20071213

DOCDB simple family (application)

EP 2005009092 W 20050823; BR PI0515057 A 20050823; CA 2579361 A 20050823; CN 200580030264 A 20050823; DE 102004044344 A 20040909; EP 05776351 A 20050823; JP 2007530611 A 20050823; US 66231205 A 20050823