

Title (en)

Dosing pump and method for manufacturing the same

Title (de)

Dosierpumpenanordnung und Verfahren zu ihrer Herstellung

Title (fr)

Pompe de dosage et son procédé de fabrication

Publication

**EP 1588772 A3 20071010 (DE)**

Application

**EP 05008625 A 20050420**

Priority

DE 102004020152 A 20040424

Abstract (en)

[origin: EP1588772A2] The dosing pump assembly for pharmaceutical or cosmetic substances has the manually-operated pump installed in a variable volume container (2). The pump cylinder (4) has a non-return inlet valve (6) with a spring-loaded ball (6a). A spring (8) forcing a piston (5) with a central passage (9) upward toward a non-return outlet valve (7) with a spring-loaded (7b) ball (7a). There is a release channel (11) with a valve (12) for removal of air from the container. A suction cap (13), with a spring-loaded (14) stamp (16) inside it, is fitted over the valve.

IPC 8 full level

**B05B 11/00** (2006.01)

CPC (source: EP US)

**B05B 11/0097** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US)

Citation (search report)

- [X] EP 0628355 A1 19941214 - OREAL [FR]
- [A] GB 2358388 A 20010725 - CORTHERM LTD [GB]

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EP1717159A3; DE102007001777A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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