

Title (en)

DEVICE FOR DISPENSING VISCOUS MATERIALS, SUCH AS LIQUIDS, CREAMS, PASTES OR SIMILAR FROM A STORAGE VESSEL

Publication

**EP 0245319 B1 19891115 (DE)**

Application

**EP 86906280 A 19861104**

Priority

DE 8531330 U 19851106

Abstract (en)

[origin: WO8702976A1] A device for dispensing viscous materials from a storage vessel by means of a piston pump, in which the latter is secured in a leakproof manner to the outlet of the storage vessel, whereby the pump cylinder (2), smaller than the diameter of the device, is held inside the latter. The piston rod (9) is guided with limited movement in a bore of the device longitudinally and against the force of a return spring (17). A ventilation duct (24) is provided in the storage vessel and the bore of the device designed to guide the piston rod continues in a coaxially arranged stub pipe (8) leading to the section pipe of the piston pump. The piston rod penetrates the above mentioned bore and pipe stub leaving an air gap (10) and has in the pump cylinder between the cover of the device and pump piston located in its end position a ventilation opening (32).

IPC 1-7

**B67D 5/02**; **B67D 5/42**

IPC 8 full level

**B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **B67D 7/02** (2010.01); **B67D 7/60** (2010.01)

CPC (source: EP)

**B05B 11/1023** (2023.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**DE 8531330 U1 19860306**; DE 3666942 D1 19891221; EP 0245319 A1 19871119; EP 0245319 B1 19891115; WO 8702976 A1 19870521

DOCDB simple family (application)

**DE 8531330 U 19851106**; DE 3666942 T 19861104; DE 8600438 W 19861104; EP 86906280 A 19861104