

Title (en)

Metering pump made of plastics for pasty material.

Title (de)

Dosierpumpe aus Kunststoff für pastenartige Stoffe.

Title (fr)

Pompe de dosage en matière synthétique pour matériau pâteux.

Publication

EP 0560060 B1 19941228 (DE)

Application

EP 93101902 A 19930208

Priority

DE 4207800 A 19920312

Abstract (en)

[origin: EP0560060A1] The metering pump made of plastic for dispensing metered amounts of pasty materials from a bottle-like, can-like or tube-like paste container (3), with a resilient bellows (13) as pump element, which is arranged between, and so as to join, an upper housing part (4) and a lower housing part (3) which is movable telescopically with respect thereto. The upper end section (13/1) of the bellows encloses in a sealing manner an annular wall (33) of an intermediate wall (27), provided with a paste passage, of the upper housing part (4). The lower end section (14) of the bellows bears in a sealing manner against an annular collar (15) of the lower housing part (3). The upper housing part consists of two hollow bodies with a closable outlet opening. A hollow guide body (23) projects into the hollow space, located above the intermediate wall (27), of the hollow body (22), provided with the outlet opening (53) and a terminating end wall (55), of the upper housing part (4). Said hollow guide body (23) delimits a paste accumulation space (93) which is provided with the outlet opening (53) and is connected to a paste passage of the intermediate wall (27). The guide body (23) is provided with a resilient membrane wall (80) which has a plug-like closing element (82) which is coaxial with the outlet opening (53). <IMAGE>

IPC 1-7

B05B 11/00

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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