

Title (en)

PUSH PLUNGER PUMP FOR DISPENSING FLUID MEDIA

Publication

EP 0199143 B1 19890614 (DE)

Application

EP 86104327 A 19860327

Priority

DE 3514719 A 19850424

Abstract (en)

[origin: US4762475A] A thrust piston pump for the delivery of media has a spring constructed in one piece with the piston rod of a piston unit and located in the pump chamber, which is guided on a sloping surface formed by an internal cone. The piston rod is constructed in such a way that an axially resiliently compressible, sleeve-like piston collar can be fitted from the outer end of the piston rod. The fastening cap can be constructed in one piece with a flange edge, a ring packing and/or a component of the cylinder casing, particularly its cylinder cover. This leads to high pump reliability, in the case of simple construction and easy assembly.

IPC 1-7

B05B 11/00; **B67D 5/02**; **F04B 9/14**

IPC 8 full level

F04B 53/18 (2006.01); **B05B 11/00** (2006.01); **B67D 7/02** (2010.01); **F04B 9/14** (2006.01)

CPC (source: EP US)

B05B 11/1026 (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US)

Cited by

FR2779185A1; US5375745A; DE102010048085A1; EP0547439A1; US5363993A; EP0505974A1; US5316198A; US9204994B2

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