

Title (en)

Metering pump for viscous products.

Title (de)

Dosierpumpe für hochviskoses Füllgut.

Title (fr)

Pompe doseuse pour produits à haute viscosité.

Publication

EP 0540944 B1 19950329 (DE)

Application

EP 92118043 A 19921022

Priority

DE 4136097 A 19911102

Abstract (en)

[origin: US5330331A] A metering pump for highly viscous fillings has a crankshaft-type drive for a back-and-forth movement of a piston (1) in a cylinder (2) and a drive for a forward-and-backward rotational movement of a rotary slide valve (4) derived from this. The rotary slide valve (4) has openings and the housing of said rotary slide valve has connections for a suction line (7) and a discharge line (8) for the piston/cylinder unit (1, 2). A plate cam, coupling assembly (14) and clamping lever (25) engaging with the turntable (4) are provided for the rotational movement of the rotary slide valve (4). The coupling assembly (14) has a pivoted lever (20) having an articulated joint (21) formed on one end which in turn is formed on a bearing block (19), arranged locally fixed and slideable. An adjusting drive (30) for altering the position of the bearing block (19) is provided independent from the crankshaft-type drive.

IPC 1-7

F04B 7/00

IPC 8 full level

F04B 7/00 (2006.01); **F04B 15/02** (2006.01)

CPC (source: EP US)

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