

Title (en)
Pump with filter

Title (de)
Pumpe mit Filter

Title (fr)
Pompe avec filtre

Publication
EP 1416158 B1 20050907 (DE)

Application
EP 03103981 A 20031028

Priority
DE 10250241 A 20021029

Abstract (en)
[origin: EP1416158A1] The pump (1), for liquids (2) contaminated with solid matter, has at least one filter (6) in the pump chamber (4). The pump chamber has an inflow (5) and an outflow (7) valve. The pump unit (8), with a membrane (9), is moved to and fro by a push rod (10), with a radial reciprocating movement. The pump drive (3), rotating around an axis (A), is mounted within a radially variable guide contour (11), in a positive fit. The push rod rides in the guide contour in a positive fit through a roller bearing (12).

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F04B 1/12

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F04B 1/12 (2006.01)

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