

Title (en)
DOSING PUMP WITH MAGNETIC CONTROL

Title (de)
MAGNETISCH GESTEUERTE DOSIERPUMPE

Title (fr)
POMPE DOSEUSE A COMMANDE MAGNETIQUE

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Application
EP 97931886 A 19970707

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Abstract (en)
[origin: WO9802658A1] The invention concerns a dosing pump comprising a pumping chamber (2) with a longitudinal axis (3) and having an intake orifice (4) and a delivery orifice (5), a plunger (6; 30) run through by a pumping orifice (7), a rod for actuating (8) the plunger (6; 30), a non-return valve (17) mounted moveable with respect to the plunger (6; 30), and a sleeve (9) made of non-magnetic material fixedly mounted in the pump body (1) parallel to the longitudinal axis (3) of the pumping chamber (2) and with a closed end (10) located inside the pump body (1) and an open end (11) opening outside the pump body (1), the actuating rod being provided with a magnetic element (12) co-operating, through the sleeve with a magnetic ring (13) enclosing the sleeve (19) and connected to the plunger (6; 30).

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