

Title (en)

FUEL SUPPLY PUMP FOR A FUEL INJECTION PUMP FOR INTERNAL COMBUSTION ENGINES

Title (de)

KRAFTSTOFF-FÖRDERPUMPE FÜR EINE KRAFTSTOFF-EINSPRITZPUMPE FÜR BRENNKRAFTMASCHINEN

Title (fr)

POMPE D'ALIMENTATION EN CARBURANT POUR POMPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE

Publication

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Application

EP 97914123 A 19970206

Priority

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- DE 19625567 A 19960626

Abstract (en)

[origin: WO9749916A1] The invention relates to a fuel supply pump for a fuel injection pump for internal combustion engines, with a driven pair of meshing pinions (7, 9) rotating in a pump chamber (3) which feed the fuel from a suction chamber (13) connected to a tank along a supply channel (17) formed between the faces of the pinions (7, 9) and the peripheral wall of the pump chamber (3) to a pressure chamber (15) connected to the fuel injection pump, in which there is a channel (26) connecting the suction chamber (13) to the pressure chamber (15) which can be connected to a venting device (28), and upstream and downstream of the venting device (28) there is a pressure valve (33, 38) for a directional flow in the channel (26).

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