

Title (en)
FUEL PUMP

Title (de)
KRAFTSTOFFPUMPE

Title (fr)
POMPE DE CARBURANT

Publication
EP 0850359 A1 19980701 (DE)

Application
EP 97921619 A 19970418

Priority
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Abstract (en)
[origin: DE19627757A1] In fuel feeding piston pumps, there is a danger that the shaft bearing be affected by fuel entering the area of the shaft bearing. In the disclosed fuel pump (2), a separating space (20) is provided between the shaft bearing (14) and a fuel-containing chamber (16). The separating space (20) contains air, for example, as separating medium, and communicates with an air inlet of the internal combustion engine. This ensures that no fuel can escape into the area of the shaft bearing (14) nor outwards. This fuel pump is particularly suitable for internal combustion engines in which the fuel must be supplied under high pressure.

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F04B 1/04; **F02M 37/04**

IPC 8 full level
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