

Title (en)
Fuel pump with filter control

Title (de)
Brennstoffpumpe mit Filtersteuerung

Title (fr)
Pompe à combustible avec contrôle du filtre

Publication
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Application
EP 09157989 A 20090415

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Abstract (en)
[origin: EP2241533A1] The invention relates to a fuel pump unit (8) for a fuel dispensing unit comprising a pump (9) with a suction side (14) and a pressure side (15), said suction side (14) having an inlet (16) equipped with a fuel filter (17), and a bypass channel (18) connecting said pressure side (15) to said suction side (14) via said fuel filter (17). The fuel pump unit is characterised in that said fuel pump unit (8) further comprises a control device (7) adapted to periodically start said pump (9), when the fuel flow through said fuel filter (17) has stopped, to recirculate fuel via said bypass channel (18) and through said fuel filter (17) to reduce clogging of the filter. The invention also relates to a fuel dispensing unit comprising such a fuel pump unit (8) and a method for reducing the clogging of a fuel filter (17) in a fuel pump unit (8).

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Cited by
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