

Title (en)
FUEL INJECTION DEVICE

Title (de)
VORRICHTUNG ZUM EINSPRITZEN VON KRAFTSTOFF

Title (fr)
DISPOSITIF D'INJECTION DE CARBURANT

Publication
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Application
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Abstract (en)
[origin: WO2006097398A1] Conventional fuel injection devices comprise at least one fuel injection valve. This fuel injection valve is provided with an intensifier piston which intensifies the pressure of the liquid supplied to the fuel injection valve from a rail pressure to a higher pressure by hydraulic translation, the disadvantage of this method being that this kind of pressure intensification is complex and complicated. The aim of the invention is therefore to simplify pressure intensification and reduce its costs. For this purpose, the inventive device is provided with at least one electromagnetic pressure intensifier (5) on at least one fuel injection valve (1).

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