

Title (en)

FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFFEINSPRITZEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION

Publication

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Application

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Abstract (en)

[origin: WO02086308A1] The invention relates to a fuel injection device comprising at least one electro valve (50) for controlling the injection of fuel. The electro valve (50) is controlled by an electric control device (52) and comprises a solenoid coil (88), a displaceable piston-shaped magneto armature (80), which displaces a valve element (56) between at least two positions, a magnetic disk (74) which attracts the magneto armature (80) when current flows through the solenoid coil (88), and a pot-shaped capsule (81) wherein the magneto armature (80) is immersed. The magnetic armature (80) is at least directly guideable in a sliding manner. Said magneto armature (80) is guided in a sliding manner into the capsule (81) via the exterior jacket thereof.

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