

Title (en)

SOLENOID VALVE WITH FLOODED ARMATURE CHAMBER

Title (de)

MAGNETVENTIL MIT GEFLUTETEM ANKERRAUM

Title (fr)

ÉLECTROVANNE À ESPACE D'INDUIT NOYÉ

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Application

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Abstract (en)

[origin: WO2007128607A1] The invention relates to a fuel injector (10), comprising a solenoid valve (12), with a magnetic yoke (16), a solenoid coil (18) and an armature (32, 34). The armature (32, 34) is loaded in the closing direction by means of a closing spring (26). A cavity (50) including a controlled amount runs between a front face (58) of the magnetic yoke(16) and a front face (54) of the armature (32, 34). A recess (56, 66) increasing the volume of the cavity (50) is embodied on one of the front faces (54, 58).

IPC 8 full level

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