

Title (en)

FUEL INJECTION VALVE FOR HIGH-PRESSURE INJECTION WITH IMPROVED FUEL SUPPLY CONTROL

Title (de)

KRAFTSTOFF-EINSPRITZVENTIL FÜR HOCHDRUCK-EINSPRITZUNG MIT VERBESSERTER STEUERUNG DER KRAFTSTOFFZUFUHR

Title (fr)

SOUPAPE D'INJECTION DE CARBURANT POUR INJECTION HAUTE PRESSION AVEC COMMANDE AMELIOREE DE L'AMENEE DE CARBURANT

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Application

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Abstract (en)

[origin: DE19827267A1] The invention relates to a fuel injection valve for high-pressure fuel injection from a high-pressure storage tank to a combustion chamber of an internal combustion engine, more particularly, a diesel engine. The fuel injection valve has a solenoid valve serving to lower (injecting position) or to build up (closing position) fuel pressure in a control chamber (3) by means of a throttle (4) having at least one throttle channel segment (5) defined by channel walls. According to the invention, the throttle channel segment (5) is essentially embodied in the shape of or as a throttle orifice.

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