

Title (en)

HIGH PRESSURE FUEL PUMP FOR A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)

HOCHDRUCK-KRAFTSTOFFPUMPE FÜR EIN KRAFTSTOFF-EINSPRITZSYSTEM EINER BRENNKRAFTMASCHINE

Title (fr)

POMPE A CARBURANT HAUTE PRESSION POUR SYSTEME D'INJECTION DE CARBURANT DE MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007009828A1] The invention relates to a high pressure fuel pump (18, 218) for a fuel injection system (12, 212) of an internal combustion engine, having a pump housing (46) in which is formed a working space (64), into which fuel can be supplied from a low pressure region (78) of the radial piston pump (18, 218), the working space (64) being delimited by a pump piston (52) which can be driven, in order to pressurize the fuel, by an external drive, in particular by a camshaft of an internal combustion engine (10, 210), wherein in order to meter the fuel quantity supplied to the working space (64), a throttle device having a variable throttle action (88, 288) is arranged on or in the pump housing (46).

IPC 8 full level

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