

Title (en)

METHOD FOR PRODUCTION OF A FUEL INJECTION VALVE AND FUEL INJECTION VALVE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BRENNSTOFFEINSPRITZVENTILS UND BRENNSTOFFEINSPRITZVENTIL

Title (fr)

PROCEDE DE PRODUCTION D'UNE SOUPAPE D'INJECTION DE CARBURANT, ET SOUPAPE D'INJECTION DE CARBURANT

Publication

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Application

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Abstract (en)

[origin: WO2005064148A1] The invention relates to a fuel injection valve with a valve longitudinal axis (10), a fuel inlet nozzle (41), a valve closing body which moves axially along the valve longitudinal axis (10) and cooperates with a valve seat, provided on a valve seat body and at least one spray opening, downstream of the valve seat. The fuel inlet nozzle (41), made from a thin-walled tube (44), runs, starting at an inlet opening (60), with an upstream section (62) at an angle (A) to the valve longitudinal axis (10) which is larger than 0 DEG and less than or equal to 90 DEG . The fuel inlet nozzle (41) finally terminates at the downstream section (63) thereof on the valve longitudinal axis (10). The fuel injection valve is particularly suitable for application in fuel injection units in mixture-compressing, spark-ignited, internal combustion engines.

IPC 8 full level

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