

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 1115970 B1 20050223 (DE)

Application
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Abstract (en)
[origin: DE19843570A1] The invention relates to a fuel injection valve (1), more particularly, an injection valve for fuel injection systems in internal combustion engines. Said valve comprises a piezoelectric or magnetostrictive actuator (13). Said actuator (13) actuates a valve closing body (3) by means of a valve needle (2) interacting with a valve seat surface (27) to form a sealing seat. A fuel line (8, 10, 11, 12) extends from a fuel admission tube (7) to the sealing seat. The actuator (13) has a tubular shape and encompasses the fuel line (8, 10, 11, 12) at least in certain areas.

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