

Title (en)

FUEL INJECTION VALVE AND METHOD FOR OPERATING A FUEL INJECTION VALVE

Title (de)

BRENNSTOFFEINSPRITZVENTIL UND VERFAHREN ZUM BETREIBEN EINES BRENNSTOFFEINSPRITZVENTILS

Title (fr)

SOUPAPE D'INJECTION DE CARBURANT ET PROCEDE POUR LA FAIRE FONCTIONNER

Publication

**EP 1147306 A1 20011024 (DE)**

Application

**EP 99955754 A 19990922**

Priority

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Abstract (en)

[origin: DE19901711A1] The invention relates to a fuel injection valve (1), more particularly, an injection valve for fuel injection systems in internal combustion engines, having a piezoelectric or magnetostrictive actuator (3) and a valve closing body (12) actuated by the actuator (3) along an actuation path (6, 24, 10, 9), cooperating with a valve seat surface (13) to form a sealed seat. A gap (24) is formed in the actuation path (6, 24, 10, 9) during the non-excited non-operational state of the actuator.

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