

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 1620644 A1 20060201 (DE)

Application
EP 04713841 A 20040224

Priority
• DE 2004000335 W 20040224
• DE 10318639 A 20030424

Abstract (en)
[origin: WO2004094811A1] Disclosed is a fuel injection valve (1), especially for fuel injection systems of internal combustion engines, comprising a piezoelectric or magnetostrictive actuator (4) which can be excited via an electric wire (6) and actuates a valve-sealing body (15) that is disposed inside a housing (2) and cooperates with a valve seat area (16) so as to form a sealing seat. The inventive fuel injection valve (1) further comprises a hydraulic coupling member (10) that is provided with a recess (13) at the discharge end, into which one end (12) of a valve needle (11) engages in a pivotable manner.

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Citation (search report)
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