

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 1604105 B1 20070815 (DE)

Application
EP 04705047 A 20040126

Priority
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• DE 10310499 A 20030311

Abstract (en)
[origin: DE10310499A1] The fuel injection valve (1) has a piezoelectric, electrostrictive or magnetostrictive actuator (3), cooperating with a valve needle (6), acted on by a resetting spring (9), for operation of a valve closure (7) and a hydraulic coupler (4) having a piston (25) provided with an internal hollow space (40) communicating with the coupling space (27) provided between the piston and a reception opening (24), for acting as a pressure equalization chamber.

IPC 8 full level
F02M 61/16 (2006.01); **F02M 51/06** (2006.01); **F02M 61/08** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
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