

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 0853724 B1 20011121 (DE)

Application
EP 97917265 A 19970315

Priority
• DE 9700533 W 19970315
• DE 19631066 A 19960801

Abstract (en)
[origin: DE19631066A1] Fuel injection valves for internal combustion engines wherein the valve seat body is produced by a series of complex operating methods are already known. With the novel valve, a valve seat body which is of simple design and can be produced economically is used. The valve seat body (16) is made by stamping and deep-drawing sheet metal, and is pot-shaped with a seat body base (19) and a seat body annular edge (20). Formed in the seat body base (19) is a valve seat (24). A perforated injection plate (34) is welded to the valve seat body (16). The fuel injection valve is particularly suitable for fuel injection systems of mixture-compressing, spark-ignition engines.

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IPC 8 full level
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