

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

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Application
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Abstract (en)
[origin: WO0244552A1] The invention relates to a fuel injection valve for fuel injection systems of internal combustion engines, comprising a valve needle (3) and a valve closing body (4) functionally linked therewith that interacts with a valve face (6) disposed in a valve seat body (5) to give a sealing seat. A plurality of recesses (34) are provided downstream of the sealing seat in the valve seat body (5). An orifice plate (31) is disposed downstream of the valve seat body (5) and is provided with at least one spray orifice (7) per recess (34). The cross-section of said spray orifice is smaller than that of the recess (34) and disposed in such a manner that its inlet cross-section lies completely within the outlet cross-section of the respective recess (34).

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