

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
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Application
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Abstract (en)
[origin: WO02073026A1] The invention relates to a fuel injection valve (1), particularly for directly injecting fuel into the combustion chamber of a mixture compressing, spark ignition internal combustion engine. The fuel injection valve comprises a valve housing formed by a nozzle body (2) and a sealing ring (34) which seals the fuel injection valve (1) in relation to a cylinder head (42) in the internal combustion engine. The sealing ring (34) is externally conically profiled, whereby the external radius of the sealing ring (34) and a projection (35) protruding over the nozzle body (2) on the sealing ring (34) increases in the direction of discharge.

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