

Title (en)
FUEL-INJECTION VALVE

Title (de)
KRAFTSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
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Application
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Priority
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Abstract (en)
[origin: WO03031807A1] The invention relates to a fuel-injection valve (2) for injecting fuel into the combustion chamber of an internal combustion engine. Said valve comprises a valve body (4) with a tip that contains injection orifices (20) and a valve needle (6), which is axially displaceable in the valve body (4), a cone located on the tip (8) of the valve needle (6) selectively releasing and blocking a fuel passage to the injection orifices (20). According to the invention, the fuel-injection valve has a respective groove-type recess (38) in the tip (8) of the valve needle (6), said recess being allocated to each injection orifice (20).

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• DE 4203343 C1 19930519 - MTU FRIEDRICHSHAFEN GMBH [DE]
• JP 2000265927 A 20000926 - TOYOTA MOTOR CORP

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