

Title (en)
FUEL INJECTOR

Title (de)
KRAFTSTOFFINJEKTOR

Title (fr)
INJECTEUR DE CARBURANT

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Application
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Abstract (en)
[origin: WO2009092508A1] The invention relates to an injector (1) for injecting fuel into a combustion chamber of an internal combustion engine, in particular a common rail injector, with an injection valve element (9) which can be adjusted between a closed position and an open position which allows fuel to flow into the combustion chamber depending on the fuel pressure in a control chamber (11) and a control valve (21) provided in the control chamber (11) having a control valve element (22) adjustable relative to a control valve seat (28) provided on an injector component (13) by means of an actuator (31) guided on the outer circumference thereof by means of a guide component (33). According to the invention, the guide component (33) contacts a second centering surface (39) of the injector component (13) with a first centering surface (38).

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