

Title (en)  
INJECTOR

Title (de)  
INJEKTOR

Title (fr)  
INJECTEUR

Publication  
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Application  
**EP 08736615 A 20080429**

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Abstract (en)  
[origin: WO2008138743A1] The invention relates to an injector (1) for injecting fuel into a combustion chamber of an internal combustion engine, particularly a common rail injector, comprising a control valve (18) having an axially adjustable valve sleeve (17) that is guided on the outer circumference, the control valve being used to release and block the fuel flow through a discharge duct (14) introduced in a valve piece in the direction of a low-pressure region (12) of the injector (1) from a control chamber (5), which is operatively connected to an axially adjustable valve element (2). According to the invention, the valve sleeve (17) is guided on the outer circumference by a guide element (26), the element being formed as a component that is separate from the valve piece (6) and fixed to the valve piece (6).

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