

Title (en)

CONTROL VALVE FOR A FUEL INJECTOR

Title (de)

STEUERVENTIL FÜR EINEN KRAFTSTOFFINJEKTOR

Title (fr)

SOUPAPE DE COMMANDE POUR INJECTEUR DE CARBURANT

Publication

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Application

EP 08803434 A 20080901

Priority

- EP 2008061451 W 20080901
- DE 102007044361 A 20070917

Abstract (en)

[origin: WO2009037095A1] A control valve (13) is proposed for actuating a control chamber (20) of a fuel injector with a valve element (25) and a valve sleeve (30). The valve sleeve (30) is guided in an axially movable manner and presses with a closing force against a valve seat (38) which is formed on the valve element (25). The valve sleeve (30) is guided by way of an outer circumferential surface (34) in a guide sleeve (50) which is formed as a component which is separate from the valve element (25). A hold-down spring (47) acts on the guide sleeve (50) in such a way that the guide sleeve (50) rests on the valve element (25) in a self-centring manner with respect to the axis of a conical outer surface (28).

IPC 8 full level

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CPC (source: EP)

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