

Title (en)

Method for adjusting a fuel injection valve and fuel injection valve.

Title (de)

Verfahren zur Einstellung eines Brennstoffeinspritzventils und Brennstoffeinspritzventil.

Title (fr)

Procédé d'ajustement d'une soupape d'injection de combustible et soupape d'injection de combustible.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0523405A2] In known fuel injection valves, the front face of a nozzle body for adjusting the static amount of fuel delivered during the stationary opening state of the fuel injection valve is ground off until the actual amount measured corresponds to the predetermined reference amount of fuel. This method of adjustment has the disadvantage, however, that the front face of the nozzle body can be ground off only when the valve is partially dismantled. In the method according to the invention, the static amount of fuel is adjusted directly on the otherwise finally assembled fuel injection valve, so that the dispersion of the static amount of fuel of the individual fuel injection valves is minimised. For this purpose, a throttle device (87), which serves for metering of the fuel and whose free flow cross-section (89) is variable, is provided upstream of the valve seat. The method according to the invention is suitable for fuel injection valves of various types. <IMAGE>

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Cited by

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