

Title (en)

METHOD FOR OPERATING A FUEL INJECTION VALVE

Title (de)

VERFAHREN ZUM BETREIBEN EINES KRAFTSTOFFEINSPRITZVENTILS

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE SOUPAPE D'INJECTION DE CARBURANT

Publication

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Application

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Priority

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- DE 102006058742 A 20061212

Abstract (en)

[origin: WO2008071532A1] The invention relates to a method for operating a fuel injection valve (10), particularly of an internal combustion engine of a motor vehicle, wherein the fuel injection valve (10) comprises a piezoelectric actuator (12) for actuating a valve needle (13), which is preferably hydraulically coupled to the actuator (12). The control voltage (U) of the piezoelectric actuator (12) is evaluated in order to determine an operating state of the fuel injection valve (10). According to the invention, the second temporal derivation of the control voltage (U) and/or a value (ddu) dependant on the second temporal derivation of the control voltage (U) is evaluated.

IPC 8 full level

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