

Title (en)

METHOD FOR OPERATING AN INJECTION VALVE

Title (de)

VERFAHREN ZUM BETREIBEN EINES EINSPRITZVENTILS

Title (fr)

PROCÉDÉ D'UTILISATION D'UN INJECTEUR

Publication

EP 2100020 B1 20140402 (DE)

Application

EP 07822494 A 20071112

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- DE 102006058744 A 20061212

Abstract (en)

[origin: WO2008071507A1] The invention relates to a method for operating an injection valve (10), in particular, a fuel injection valve on an internal combustion engine of a motor vehicle, the injection valve (10) comprising a piezoelectric actuator (12) for operating a valve needle (13), coupled to the actuator (12) preferably by hydraulic means. According to the invention, starting from an output voltage ($U_{₀}$) corresponding to a first operating state for the injection valve (10), the actuator (12) is recharged i.e. charged or discharged, to a target voltage ($U_{₁}$) corresponding to a second operating state of the injection valve (10), over a given voltage difference ($?U$).

IPC 8 full level

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Citation (examination)

- WO 2005026516 A1 20050324 - BOSCH GMBH ROBERT [DE], et al
- WO 2008049704 A1 20080502 - BOSCH GMBH ROBERT [DE], et al & EP 2084383 A1 20090805 - BOSCH GMBH ROBERT [DE]

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DOCDB simple family (publication)

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