

Title (en)
METHOD FOR OPERATING AN INJECTION VALVE

Title (de)
VERFAHREN ZUM BETREIBEN EINES EINSPRITZVENTILS

Title (fr)
PROCÉDÉ D'UTILISATION D'UN INJECTEUR

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Application
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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 (ΔU).

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