

Title (en)

METHOD AND DEVICE FOR DETERMINING THE CHARGING FLANKS OF A PIEZOELECTRIC ACTUATOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN DER LADEFLANKEN EINES PIEZOELEKTRISCHEN AKTORS

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER LES FLANCS DE CHARGE D'UN ACTIONNEUR PIEZO-ELECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2005080776A1] The invention relates to a method for determining the charging flank of a piezoelectric actuator (2) of at least one injector with which a quantity of liquid is injected under high pressure into a cavity, particularly into a combustion chamber of an internal combustion engine. The invention is characterized in that the difference between a cutoff voltage threshold (Ucutoff) and a voltage of the actuator (2) is adjusted to a predeterminable set value shortly before the start of the discharging process (Uadjust).

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