

Title (en)

METHOD FOR DETERMINING AN OPENING TIME OF AN INJECTOR HAVING A SOLENOID VALVE, COMPUTER PROGRAM, CONTROL APPARATUS, INTERNAL COMBUSTION ENGINE AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUM ERMITTELN EINES ÖFFNUNGSZEITPUNKTS EINES INJEKTORS MIT EINEM MAGNETVENTIL, COMPUTERPROGRAMM, STEUERGERÄT, VERBRENNUNGSKRAFTMASCHINE UND KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UN TEMPS D'OUVERTURE D'UN INJECTEUR POURVU D'UNE ÉLECTROVANNE, PROGRAMME INFORMATIQUE, APPAREIL DE COMMANDE, MOTEUR À COMBUSTION INTERNE ET VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2022090395A1] The invention relates to a method for determining an opening time of an injector having a solenoid valve. The method comprises: determining a time of contact of the armature, at which an armature of a solenoid valve comes into contact with a valve needle of the solenoid valve; determining an opening delay time of the injector, which corresponds to a time span between the time of contact of the armature and an opening time of the solenoid valve; and determining an opening time of the injector based on the time of contact of the armature and the opening delay time.

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