

Title (en)

METHOD FOR THE INJECTOR-SPECIFIC DIAGNOSIS OF A FUEL INJECTION DEVICE AND INTERNAL COMBUSTION ENGINE HAVING A FUEL INJECTION DEVICE

Title (de)

VERFAHREN ZUR INJEKTORINDIVIDUELLEN DIAGNOSE EINER KRAFTSTOFF-EINSPRITZEINRICHTUNG UND BRENNKRAFTMASCHINE MIT EINER KRAFTSTOFF-EINSPRITZEINRICHTUNG

Title (fr)

PROCÉDÉ PERMETTANT LE DIAGNOSTIC POUR CHAQUE INJECTEUR D'UN DISPOSITIF D'INJECTION DE CARBURANT ET MOTEUR À COMBUSTION INTERNE POURVU D'UN DISPOSITIF D'INJECTION DE CARBURANT

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Application

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Abstract (en)

[origin: WO2015022058A1] The invention relates to a method for the injector-specific diagnosis of a fuel injection device (3) of an internal combustion engine (1), comprising the following steps: detecting a pressure progression (D) in an individual accumulator (7) of an injector (5) in a time-resolved manner; evaluating the detected pressure progression (D); determining if there is a fault state of the injection device (3) in the region of the injector (5) on the basis of the detected and evaluated pressure progression (D); and identifying the fault state on the basis of the detected and evaluated pressure progression (D).

IPC 8 full level

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Citation (search report)

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