

Title (en)

PROCESS AND DEVICE FOR TESTING A FUEL INJECTOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PRÜFUNG EINES KRAFTSTOFFINJEKTORS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONTRÔLE D'UN INJECTEUR DE CARBURANT

Publication

**EP 2529098 A1 20121205 (DE)**

Application

**EP 11700512 A 20110103**

Priority

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- EP 2011050009 W 20110103

Abstract (en)

[origin: WO2011092042A1] The invention relates to a process for selecting a method for determining the injection time of individual injection processes of a fuel injector (2), which can be supplied with pressurized fuel via a feed line (4), comprising the following steps: actuating the fuel injector (2) using various known actuation durations around a predefined operating point of the fuel injector (2); detecting (100) the pressure course over time in the feed line (4) for a number of injection processes; evaluating (200) the detected pressure courses over time using at least two different methods (211, 212, 213) for determining the injection time from the associated pressure course; determining the correlation (221, 222, 223) between the determined injection times and the associated actuation duration; selecting (230) the method with the highest correlation.

IPC 8 full level

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Citation (search report)

See references of WO 2011092042A1

Citation (examination)

WO 2004046541 A1 20040603 - DAIMLER CHRYSLER AG [DE], et al

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DOCDB simple family (application)

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