

Title (en)

Method of determining injection parameters for an injector

Title (de)

Verfahren zur Bestimmung der Einspritzparameter eines Injektors

Title (fr)

Procédé permettant de déterminer les paramètres d'injection d'un injecteur

Publication

EP 2453124 A1 20120516 (EN)

Application

EP 10191380 A 20101116

Priority

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Abstract (en)

A method of determining a minimum drive pulse (MDP) for an injector (7) in a fuel system (1) within an engine, the injector being associated with a source of pressurised fuel (4), the method comprising: (a) sending a drive pulse of a first length to the injector; (b) determining an expected pressure in the fuel system at a given time; (c) measuring an actual pressure in the fuel system at the given time; (d) determining if an injection event has occurred by comparing the expected and actual values; (e) repeating steps (a) to (d) with drive pulses of progressively increasing lengths until an injection event has occurred and setting the drive pulse length associated with the injection event as the MDP of the injector.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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