

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE, DEVICE FOR THE OPEN-LOOP AND/OR CLOSED-LOOP CONTROL OF AN INTERNAL COMBUSTION ENGINE, INJECTION SYSTEM AND INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BETRIEB EINER BRENNKRAFTMASCHINE, EINRICHTUNG ZUM STEUERN UND/ODER REGELN EINER BRENNKRAFTMASCHINE, EINSPRITZSYSTEM UND BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE, DISPOSITIF DE COMMANDE ET/OU DE RÉGULATION D'UN MOTEUR À COMBUSTION INTERNE, SYSTÈME D'INJECTION ET MOTEUR À COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2017186326A1] The invention relates to a method for operating an internal combustion engine, which comprises an engine having a number of cylinders and comprises an injection system having high-pressure components, in particular an injection system that has a common rail and that has a number of injectors associated with the cylinders, in particular wherein an individual accumulator is associated with each injector, which individual accumulator is designed to store fuel from the common rail for the injector, wherein the method has the following steps: starting the internal combustion engine, operating the internal combustion engine, shutting off the internal combustion engine. According to the invention, the following steps are provided in the method: a state indicating an engine standstill is detected, in particular after the internal combustion engine has been shut off, a high-pressure limit value is defined and a target high pressure is specified, a leakage is produced in the common rail without injection, the fuel pressure in the common rail is reduced to the defined high-pressure limit value below the target high pressure by means of the leakage.

IPC 8 full level

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