

Title (en)  
METHOD FOR CONTROLLING AND REGULATING AN INTERNAL COMBUSTION ENGINE

Title (de)  
VERFAHREN ZUR STEUERUNG UND REGELUNG EINER BRENNKRAFTMASCHINE

Title (fr)  
PROCÉDÉ DE COMMANDE ET DE RÉGULATION D'UN MOTEUR À COMBUSTION INTERNE

Publication  
**EP 2705237 A1 20140312 (DE)**

Application  
**EP 12719266 A 20120427**

Priority  
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Abstract (en)  
[origin: WO2012150020A1] Proposed is a method for controlling and regulating an internal combustion engine (1) having a common rail system and having a passive pressure limiting valve (11) for discharging fuel out of a rail (6) into the fuel tank (2), in which method, in a first stage, the pressure limiting valve (11) is set as open when the rail pressure, proceeding from a steady-state rail pressure, exceeds a first threshold value and subsequently falls below a second threshold value within a first critical time, wherein the first threshold value characterizes a higher pressure level than the steady-state rail pressure and the second threshold value characterizes a lower pressure level than the first threshold value, and in which method the opening duration of the opened pressure limiting valve (11) is monitored.

IPC 8 full level  
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