

Title (en)

METHOD FOR CONTROLLING A FUEL PRESSURE IN A FUEL SUPPLY DEVICE OF A COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM STEUERN EINES KRAFTSTOFFDRUCKS IN EINER ZUFÜHRUNGSEINRICHTUNG FÜR KRAFTSTOFF EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE REGULATION DE LA PRESSION DU CARBURANT DANS UN DISPOSITIF D'ALIMENTATION EN CARBURANT D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1616093 B1 20060906 (DE)

Application

EP 04719978 A 20040312

Priority

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- DE 10318646 A 20030424

Abstract (en)

[origin: WO2004094806A1] A fuel supply device of a combustion engine comprises a fuel pump that pumps fuel into a fuel accumulator, which provides injection valves with fuel and which is connected to a regulator valve that sets the fuel pressure according to an actuating signal (SG). The fuel pressure in the supply device is controlled in such a manner that the actuating signal (SG) is determined according to a desired fuel pressure (FUP_SP) and to a quantity that characterizes the dynamics of the flow of the fuel through the regulator valve, and the regulator valve is subsequently controlled by the actuating signal (SG).

IPC 8 full level

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