

Title (en)
METHOD FOR ADJUSTING A FUEL PRESSURE

Title (de)
VERFAHREN ZUM EINSTELLEN EINES KRAFTSTOFFDRUCKS

Title (fr)
PROCÉDÉ DE RÉGLAGE D'UNE PRESSION DE CARBURANT

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Application
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Abstract (en)
[origin: WO2009071473A1] The invention relates to a method for adjusting a fuel pressure in a high-pressure fuel accumulator (32) of an accumulator injection system (30) of an internal combustion engine (12) as a first drive motor disposed in a drivetrain (10) together with a second drive motor (14), in which variable torque contributions of the internal combustion engine (12) and the second drive motor (14) are superimposed, whereby an actual value (p_{Ist}) of the fuel pressure (p), appearing in the high-pressure fuel accumulator (32) when the torque contribution of the internal combustion engine (12) is low, deviates from a target value (p_{Soll_Ziel}) predetermined for greater torque contributions, and whereby the actual value is adjusted to the higher target value (p_{Soll_Ziel}) thereof when the torque contribution is increased from the lower to the higher torque contribution of the internal combustion engine (12). The method is characterized in that the adjustment is performed so that a rate of change of the actual value (p_{Ist}) does not exceed a predetermined limit value during the adjustment. The invention further relates to a control device (54) set up to perform the method.

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