

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

Publication  
**EP 2220357 A1 20100825 (DE)**

Application  
**EP 08855978 A 20081126**

Priority  
• EP 2008066195 W 20081126  
• DE 102007058539 A 20071206

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<sub>Ist</sub>) 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<sub>Soll\_Ziel</sub>) predetermined for greater torque contributions, and whereby the actual value is adjusted to the higher target value (p<sub>Soll\_Ziel</sub>) 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<sub>Ist</sub>) 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.

IPC 8 full level  
**F02D 41/38** (2006.01)

CPC (source: EP US)  
**B60W 10/02** (2013.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP US); **F02D 41/3836** (2013.01 - EP US); **B60W 2710/0616** (2013.01 - EP US); **F02D 2200/0602** (2013.01 - EP US); **F02D 2200/0604** (2013.01 - EP US); **F02D 2250/04** (2013.01 - EP US); **F02D 2250/31** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009071473A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 102007058539 A1 20090610**; CN 101889135 A 20101117; CN 101889135 B 20130619; EP 2220357 A1 20100825; US 2010229831 A1 20100916; US 8418675 B2 20130416; WO 2009071473 A1 20090611

DOCDB simple family (application)  
**DE 102007058539 A 20071206**; CN 200880119218 A 20081126; EP 08855978 A 20081126; EP 2008066195 W 20081126; US 73925308 A 20081126