

Title (en)

METHOD FOR ADAPTING A MEASURED VALUE OF AN AIR MASS SENSOR

Title (de)

VERFAHREN ZUM ADAPTIEREN EINES MESSWERTES EINES LUFTMASSENSORS

Title (fr)

PROCEDE POUR ADAPTER UNE VALEUR DE MESURE D'UN DETECTEUR DE MASSE D'AIR

Publication

EP 1711703 A1 20061018 (DE)

Application

EP 05716613 A 20050201

Priority

- EP 2005050424 W 20050201
- DE 102004005134 A 20040202

Abstract (en)

[origin: WO2005073542A1] The invention relates to a method for adapting a measured value (MW1) of an air mass sensor by determining a correction value (KW) in the event of predetermined operating conditions (BB1), namely depending on the measured value (MW1) and a comparative value (VW) which in turn depends on at least one additional measured value (MW2) of a second sensor. An adaptation value (AD1) is adapted depending on the correction value (VW), on the duration (D_AD1) since the last determination of the adaptation value (AD1) and on the change of the adaptation value (AD1) since the last adaptation of the adaptation value (AD1). Subsequently measured values (MW1) are corrected using the adaptation value (AD1).

IPC 8 full level

F02D 41/14 (2006.01); **F02D 41/18** (2006.01)

CPC (source: EP US)

F02D 41/187 (2013.01 - EP US); **F02D 41/2474** (2013.01 - EP US); **F02D 41/2454** (2013.01 - EP US)

Citation (search report)

See references of WO 2005073542A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2005073542 A1 20050811; DE 102004005134 A1 20050818; DE 502005007931 D1 20091001; EP 1711703 A1 20061018; EP 1711703 B1 20090819; US 2008141975 A1 20080619; US 7444852 B2 20081104

DOCDB simple family (application)

EP 2005050424 W 20050201; DE 102004005134 A 20040202; DE 502005007931 T 20050201; EP 05716613 A 20050201; US 59761606 A 20060801