

Title (en)

METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM STEUERN EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE POUR REGULER UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1000235 A1 20000517 (DE)

Application

EP 98947302 A 19980717

Priority

- DE 9802019 W 19980717
- DE 19733106 A 19970731

Abstract (en)

[origin: DE19733106A1] According to the method provided for in the invention, a measurement value (TQ_MES) of an actual torque is determined. An estimated value (TQ_AV) of the actual torque is determined according to the operating variables of the internal combustion engine. A corrected value (COR) is calculated on the basis of the estimated value (TQ_AV) and the measurement value (TQ_MES) of the actual torque. A set point value (TQ_SP_MAF) of the torque to be controlled by means of the air mass flow is determined according to a pedal position (PV) determined by a pedal position sensor (61), calculated using at least one other operating variable and corrected according to the corrected value (COR).

IPC 1-7

F02D 41/14; F02D 11/10

IPC 8 full level

F02D 11/10 (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP KR US)

F02D 11/105 (2013.01 - EP US); **F02D 41/14** (2013.01 - KR); **F02D 41/1401** (2013.01 - EP US); **F02D 2041/1433** (2013.01 - EP US);
F02D 2200/1002 (2013.01 - EP US); **F02D 2200/1004** (2013.01 - EP US); **F02D 2200/1006** (2013.01 - EP US); **F02D 2250/18** (2013.01 - EP US)

Citation (search report)

See references of WO 9906686A1

Cited by

DE102004029097B4

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

DE 19733106 A1 19990204; DE 59807478 D1 20030417; EP 1000235 A1 20000517; EP 1000235 B1 20030312; KR 100629014 B1 20060926;
KR 20010022380 A 20010315; US 6237563 B1 20010529; WO 9906686 A1 19990211

DOCDB simple family (application)

DE 19733106 A 19970731; DE 59807478 T 19980717; DE 9802019 W 19980717; EP 98947302 A 19980717; KR 20007000959 A 20000128;
US 49478100 A 20000131