

Title (en)

METHOD FOR CORRECTING AN INTERNAL COMBUSTION ENGINE TORQUE JERKS

Title (de)

VERFAHREN ZUR KORREKTUR VON DREHMOMENTSTÖSSEN EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE CORRECTION DES A-COUPS DE COUPLE D'UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1002190 A1 20000524 (FR)**

Application

**EP 98941507 A 19980731**

Priority

- FR 9801706 W 19980731
- FR 9709856 A 19970801

Abstract (en)

[origin: FR2766872A1] The invention concerns a method for correcting a fuel injection internal combustion engine (1) torque jerks comprising an electronic engine control system (7) determining according to the engine operating conditions, the engine control parameter values ( alpha PAP,Av,Ti), whereby at least one control parameter ( alpha PAP) is corrected in response to the engine torque oscillations. The invention is characterised in that it comprises the following steps: computing said control parameter value ( alpha PAP) on the basis of the accelerator pedal ( alpha PED) position; determining the correction (Corr alpha PAP) to be applied to said control parameter ( alpha PAP) by filtering the engine shaft rotation speed (N).

IPC 1-7

**F02D 11/10**; **F02D 41/14**

IPC 8 full level

**F02D 9/02** (2006.01); **F02D 11/10** (2006.01); **F02D 37/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/14** (2006.01); **F02D 45/00** (2006.01); **F02D 41/34** (2006.01)

CPC (source: EP US)

**F02D 11/105** (2013.01 - EP US); **F02D 37/02** (2013.01 - EP US); **F02D 41/1497** (2013.01 - EP US); **F02D 41/0097** (2013.01 - EP US); **F02D 2041/1432** (2013.01 - EP US)

Citation (search report)

See references of WO 9906685A1

Cited by

KR100747803B1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

**FR 2766872 A1 19990205**; **FR 2766872 B1 19991015**; EP 1002190 A1 20000524; JP 2001512209 A 20010821; US 6311670 B1 20011106; WO 9906685 A1 19990211

DOCDB simple family (application)

**FR 9709856 A 19970801**; EP 98941507 A 19980731; FR 9801706 W 19980731; JP 2000505414 A 19980731; US 46340600 A 20000622