

Title (en)

METHOD AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF POUR REGULER UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1554482 A1 20050720 (DE)

Application

EP 03809696 A 20030710

Priority

- DE 0302318 W 20030710
- DE 10248603 A 20021017

Abstract (en)

[origin: WO2004040114A1] A method and a device for controlling an internal combustion engine are disclosed, in particular for controlling the amount of injected fuel. A parameter characterising the fuel amount is determined from operating parameters, from which control signals for an actuator are determined. A correction value for correcting the parameter determining the fuel amount is determined from the engine speed, the parameter determining the fuel amount and the parameter determining the delivery start point.

IPC 1-7

F02D 41/40; F02D 41/38

IPC 8 full level

F02D 41/00 (2006.01); **F02D 41/24** (2006.01); **F02D 41/38** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP US)

F02D 41/008 (2013.01 - EP US); **F02D 41/2435** (2013.01 - EP US); **F02D 41/2467** (2013.01 - EP US); **F02D 41/40** (2013.01 - EP US);
Y02T 10/40 (2013.01 - EP US)

Citation (search report)

See references of WO 2004040114A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 10248603 A1 20040429; CN 100412341 C 20080820; CN 1688802 A 20051026; EP 1554482 A1 20050720; US 2006122764 A1 20060608;
US 7302336 B2 20071127; WO 2004040114 A1 20040513

DOCDB simple family (application)

DE 10248603 A 20021017; CN 03824353 A 20030710; DE 0302318 W 20030710; EP 03809696 A 20030710; US 53191005 A 20051031