

Title (en)
Method for controlling an internal combustion engine

Title (de)
Verfahren zum Steuern einer Brennkraftmaschine

Title (fr)
Méthode de commande d'un moteur à combustion interne

Publication
EP 0875673 B1 20030820 (DE)

Application
EP 98107031 A 19980417

Priority
DE 19718719 A 19970502

Abstract (en)
[origin: EP0875673A2] The operating control method detects the position of the throttle pedal and the engine revs, for ascertaining the idling condition of the engine, with calculation of a torque value (TQ-1-PD) using a characteristic field (KF1) addressed by the rev differential (N- GRD) and the difference (N-DIF) between the actual revs and a given revs value. The required engine torque (TQ-IS-XSP) is determined using the calculated torque and at least one monitored engine operating parameter, used for providing a setting signal for adjusting a setting element for the engine.

IPC 1-7
F02D 41/08; F02D 31/00; F02D 41/14

IPC 8 full level
F02D 31/00 (2006.01); **F02D 41/08** (2006.01); **F02D 41/14** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP)
F02D 31/003 (2013.01); **F02D 31/008** (2013.01); **F02D 41/083** (2013.01); **F02D 41/1497** (2013.01); **F02D 41/1498** (2013.01); **F02D 41/2422** (2013.01); F02D 2200/1006 (2013.01); F02D 2200/1012 (2013.01); F02D 2250/18 (2013.01)

Cited by
FR2799235A1; FR2920830A1; EP1683953A1; FR3000992A1; FR2901319A1; EP2791491A4; DE19947052C1; GB2355317A; GB2355317B; EP1234969A3; US6807939B1; US7685998B2; US6852066B2; US7530344B2; WO03023210A1; WO0134959A1; WO0223030A1; WO2006094892A1; WO03067061A1; WO2006029945A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0875673 A2 19981104; **EP 0875673 A3 20000412**; **EP 0875673 B1 20030820**; DE 59809316 D1 20030925

DOCDB simple family (application)
EP 98107031 A 19980417; DE 59809316 T 19980417