Title (en)

Method and device for the operation of a drive engine

Title (de)

Verfahren und Vorrichtung zum Betreiben eines Antriebmotors

Title (fr)

Procédé et dispositif de commande d'un moteur d'entraînement

Publication

EP 1277940 A3 20060503 (DE)

Application

EP 02013385 A 20020619

Priority

DE 10135143 A 20010719

Abstract (en)

[origin: EP1277940A2] An adjustment value for an idling regulator, locks onto a resultant preset rating and changes by relying on engine RPMs or a time factor as an idling operation changes to a non-idling operation. Signals match vehicle speed (VFZG) and accelerator pedal position (PWG). These values are translated into a driver's torque requirement in a map of characteristics. This requirement is fed to an adjustment stage (102) to be corrected by a weighted torque loss (MKORR). Independent claims are also included for a device for operating a drive motor with a control unit and an idling regulator to match a driver's intentions and for a computer program with program code.

IPC 8 full level

F02D 41/16 (2006.01); **F02D 45/00** (2006.01); **F02D 37/02** (2006.01); **F02D 41/08** (2006.01); **F02D 41/32** (2006.01); **F02P 5/155** (2006.01)

CPC (source: EP)

F02D 37/02 (2013.01); **F02D 41/16** (2013.01); F02D 2200/1006 (2013.01); F02D 2200/602 (2013.01); F02D 2250/18 (2013.01); F02D 2250/21 (2013.01)

Citation (search report)

- [X] EP 1052390 A2 20001115 - FORD GLOBAL TECH INC [US]
- [X] US 5901682 A 19990511 - MCGEE BRIAN G [US], et al
- [X] EP 0494337 A2 19920715 - VDO SCHINDLING [DE]

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1277940 A2 20030122; **EP 1277940 A3 20060503**; **EP 1277940 B1 20080528**; DE 10135143 A1 20030130; DE 50212311 D1 20080710; JP 2003049693 A 20030221

DOCDB simple family (application)

EP 02013385 A 20020619; DE 10135143 A 20010719; DE 50212311 T 20020619; JP 2002194348 A 20020703