

Title (en)
Method for controlling the power of a vehicle

Title (de)
Verfahren zur Einstellung der Antriebsleistung eines Kraftfahrzeuges

Title (fr)
Procédé de réglage de la puissance d'un véhicule

Publication
EP 0937886 A3 20010425 (DE)

Application
EP 99101945 A 19990130

Priority
DE 19807126 A 19980220

Abstract (en)
[origin: EP0937886A2] The method involves defining three operating conditions, whereby in a first condition the optimal torque adjustment results through a load regulation, in a second condition the torque adjustment results as fast as possible through an additional ignition angle adjustment, and in a third working condition the torque setting for the load regulation is fixed, and the remaining torque adjustment results through an additional ignition angle adjustment. The method involves adjusting the drive power of a motor vehicle with an externally ignited combustion engine, having devices for setting a nominal torque on the base of a torque selected by the driver, and, if necessary, further torques, and devices for adjusting this nominal torque through influencing a load and/or an ignition angle. Three operating conditions are, whereby in a first condition the optimal torque adjustment results through a load regulation, in a second condition the torque adjustment results as fast as possible through an additional ignition angle adjustment, and in a third working condition the torque setting for the load regulation is fixed, and the remaining torque adjustment results through an additional ignition angle adjustment.

IPC 1-7
F02D 43/00

IPC 8 full level
B60W 10/04 (2006.01); **B60W 10/10** (2006.01); **F02D 37/02** (2006.01); **F02D 41/14** (2006.01); **F02D 43/00** (2006.01); **F02D 45/00** (2006.01); **F02P 5/15** (2006.01)

CPC (source: EP US)
F02D 37/02 (2013.01 - EP US); **F02D 41/14** (2013.01 - EP US); **F02D 43/00** (2013.01 - EP US); **F02D 2041/1411** (2013.01 - EP US); **F02D 2200/1004** (2013.01 - EP US); **F02D 2250/18** (2013.01 - EP US)

Citation (search report)

- [E] DE 19803387 C1 19990318 - DAIMLER BENZ AG [DE]
- [E] DE 19739567 A1 19990311 - BOSCH GMBH ROBERT [DE]
- [A] DE 19630213 C1 19970731 - DAIMLER BENZ AG [DE]
- [A] US 5431242 A 19950711 - IWATA TORU [JP], et al
- [A] DE 19618893 A1 19971113 - BOSCH GMBH ROBERT [DE]
- [A] DE 4407475 A1 19950914 - BOSCH GMBH ROBERT [DE]
- [A] DE 19517675 A1 19961114 - BOSCH GMBH ROBERT [DE]
- [A] DE 3728573 C1 19881124 - DAIMLER BENZ AG

Cited by
DE102004005450B4; US6786197B2; US6845750B2; WO0144644A3; WO0144639A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0937886 A2 19990825; EP 0937886 A3 20010425; EP 0937886 B1 20060104; DE 19807126 A1 19990826; DE 19807126 C2 20001116; DE 59913003 D1 20060330; ES 2255738 T3 20060701; JP H11315746 A 19991116; US 6119654 A 20000919

DOCDB simple family (application)
EP 99101945 A 19990130; DE 19807126 A 19980220; DE 59913003 T 19990130; ES 99101945 T 19990130; JP 7626499 A 19990216; US 25394699 A 19990222