

Title (en)

METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE USING LAMBDA REGULATION

Title (de)

VERFAHREN ZUR STEUERUNG EINER BRENNKRAFTMASCHINE MIT EINER LAMBDA-REGELUNG

Title (fr)

PROCEDE DE COMMANDE D'UN MOTEUR A COMBUSTION FAISANT INTERVENIR UNE REGULATION LAMBDA

Publication

EP 1595065 A1 20051116 (DE)

Application

EP 04702331 A 20040115

Priority

- EP 2004000269 W 20040115
- DE 10307004 A 20030219

Abstract (en)

[origin: DE10307004B3] The control method has the presence of defined activation conditions after cold-starting of the engine checked for before measuring the temperature of the IC engine, used for addressing a characteristic which provides a value for the fuel mixture for the engine. During the lambda regulation the presence of adaption conditions is detected, with determination of an adaption value from the regulation parameters of the lambda regulator, used with the measured engine temperature for correction of the characteristic.

IPC 1-7

F02D 41/14; F02D 41/06; F02D 41/04

IPC 8 full level

F02D 41/06 (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP US)

F02D 41/068 (2013.01 - EP US); **F02D 41/1486** (2013.01 - EP US); **F02D 41/2454** (2013.01 - EP US); **F02D 41/2441** (2013.01 - EP US)

Citation (search report)

See references of WO 2004074663A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 10307004 B3 20040805; DE 502004006771 D1 20080521; EP 1595065 A1 20051116; EP 1595065 B1 20080409; US 2006137667 A1 20060629; US 7191771 B2 20070320; WO 2004074663 A1 20040902

DOCDB simple family (application)

DE 10307004 A 20030219; DE 502004006771 T 20040115; EP 04702331 A 20040115; EP 2004000269 W 20040115; US 54504005 A 20050811