

Title (en)

METHOD FOR OPTIMISING THE PERFORMANCE OF THE INTERNAL COMBUSTION ENGINE OF A VEHICLE, SUCH AS AN AUTOMOTIVE VEHICLE

Title (de)

VERFAHREN ZUR LEISTUNGSOPTIMIERUNG DES VERBRENNUNGSMOTORS EINES FAHRZEUGES WIE ETWA EINES AUTOS

Title (fr)

PROCEDE D'OPTIMISATION DES PERFORMANCES D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE, TEL QU'UN VEHICULE AUTOMOBILE

Publication

EP 2066894 B1 20110518 (FR)

Application

EP 07848354 A 20070920

Priority

- FR 2007051983 W 20070920
- FR 0653995 A 20060928

Abstract (en)

[origin: WO2008037913A1] The present invention relates to a method for optimising the performance of the internal combustion engine of a vehicle, such as an automotive vehicle. According to the invention, the method is characterised in that it comprises incrementing a time counter (CT) each time the engine enters a critical operation zone determined by the revolution speed and the load of the engine corresponding to the highest temperatures in the exhaust gases, and modifying the engine settings to decrease the temperature of the exhaust gases when the engine has been operating in the critical zone for a predetermined cumulated duration. The invention can be used in the field of automotive vehicles.

IPC 8 full level

F02D 41/02 (2006.01); **F02N 11/00** (2006.01)

CPC (source: EP)

F02D 41/0235 (2013.01); **F02D 41/1447** (2013.01); **F02D 41/22** (2013.01); **F02D 41/2429** (2013.01); **F02D 41/2441** (2013.01); **F02D 2041/0265** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008037913 A1 20080403; AT E510121 T1 20110615; EP 2066894 A1 20090610; EP 2066894 B1 20110518; FR 2906570 A1 20080404; FR 2906570 B1 20081219

DOCDB simple family (application)

FR 2007051983 W 20070920; AT 07848354 T 20070920; EP 07848354 A 20070920; FR 0653995 A 20060928