

Title (en)

Method for controlling a lean burning combustion engine

Title (de)

Verfahren zur Steuerung einer magerlauffähigen Verbrennungskraftmaschine

Title (fr)

Méthode de commande d'un moteur à combustion interne à mélange pauvre

Publication

EP 1199457 A3 20021023 (DE)

Application

EP 01120794 A 20010911

Priority

DE 10051184 A 20001016

Abstract (en)

[origin: EP1199457A2] The invention proposes that the frequency of unacceptable combustion incidents is monitored using known methods for detecting misfires. Depending on this the operating conditions in which operation with a lean mixture is restricted or prohibited.

IPC 1-7

F02D 41/14; F02D 41/22

IPC 8 full level

F02D 41/02 (2006.01); **F02D 41/14** (2006.01); **F02D 41/22** (2006.01)

CPC (source: EP)

F02D 41/0235 (2013.01); **F02D 41/1475** (2013.01); **F02D 41/1498** (2013.01); **F02D 41/22** (2013.01); **F02D 41/3076** (2013.01);
F02D 2200/1015 (2013.01)

Citation (search report)

- [X] DE 19744410 A1 19990415 - FORD GLOBAL TECH INC [US]
- [A] DE 19850786 A1 20000217 - VOLKSWAGEN AG [DE]

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 1199457 A2 20020424; EP 1199457 A3 20021023; EP 1199457 B1 20060816; DE 10051184 A1 20020425; DE 50110740 D1 20060928

DOCDB simple family (application)

EP 01120794 A 20010911; DE 10051184 A 20001016; DE 50110740 T 20010911