

Title (en)

AIR-FUEL MIXTURE REGULATING SYSTEM IN AN INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFF/LUFT-GEMISCHREGELUNGSSYSTEM EINER BRENNKRAFTMASCHINE

Title (fr)

SYSTEME DE REGULATION DU MELANGE CARBURANT-AIR POUR MOTEUR A COMBUSTION INTERNE

Publication

EP 0964989 A1 19991222 (DE)

Application

EP 98966554 A 19981217

Priority

- DE 9803708 W 19981217
- DE 19757893 A 19971224

Abstract (en)

[origin: DE19757893A1] Disclosed is a method for regulating the air-fuel mixture in an internal combustion engine, wherein the rate of combustion (WF) of the air-fuel mixture is detected as a measure of the above-mentioned proportion. To detect the above-mentioned measure, the direction of modification of the mean rate of combustion (WF) is detected in addition to the absolute value of the rate of combustion (WF) as a function of the air-fuel mixture in the above-mentioned absolute value.

IPC 1-7

F02D 41/14; **F02D 35/02**

IPC 8 full level

F02D 35/02 (2006.01); **F02D 41/04** (2006.01); **F02D 41/14** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP)

F02D 35/021 (2013.01); **F02D 41/1458** (2013.01)

Citation (search report)

See references of WO 9934103A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19757893 A1 19990701; DE 59810162 D1 20031218; EP 0964989 A1 19991222; EP 0964989 B1 20031112; JP 2001513167 A 20010828; WO 9934103 A1 19990708

DOCDB simple family (application)

DE 19757893 A 19971224; DE 59810162 T 19981217; DE 9803708 W 19981217; EP 98966554 A 19981217; JP 53438099 A 19981217