Title (en)

Method for optimizing of the combustion of a self-ignited internal combustion engine

Title (de)

Verfahrensweise zur Optimierung der Verbrennung eines selbstgezündeten Verbrennungsmotors

Title (fr)

Procédé d'optimisation de la combustion d'un moteur à combustion interne fonctionnant en auto-allumage

Publication

EP 1207290 A3 20071121 (FR)

Application

EP 01402805 A 20011030

Priority

FR 0015040 A 20001120

Abstract (en)

[origin: EP1207290A2] The state of the combustion of an air/carburant mix in the combustion chamber (14) is measured. After measure signals are processed and sent in a logical processing unit form (46). There is at least one combustion control parameter, which is adjusted in order to obtain the desired combustion for cycles to follow. The control parameters are determined in order to optimise the combustion.

IPC 8 full level

F02D 9/02 (2006.01); **F02D 41/14** (2006.01); **F02D 9/04** (2006.01); **F02D 13/02** (2006.01); **F02D 21/08** (2006.01); **F02D 35/02** (2006.01); **F02D 41/02** (2006.01); **F02D 41/04** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP US)

F02D 35/02 (2013.01 - EP US); **F02D 41/1401** (2013.01 - EP US); F02D 35/021 (2013.01 - EP US); F02D 35/023 (2013.01 - EP US); F02D 35/027 (2013.01 - EP US); F02D 2041/1418 (2013.01 - EP US); F02D 2041/1419 (2013.01 - EP US); F02D 2041/142 (2013.01 - EP US); F02D 2250/12 (2013.01 - EP US)

Citation (search report)

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- [DA] WO 9940296 A1 19990812 - DAIMLER CHRYSLER AG [DE], et al
- [A] FR 2790516 A1 20000908 - RENAULT [FR]
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 1207290 A2 20020522; **EP 1207290 A3 20071121**; FR 2816989 A1 20020524; FR 2816989 B1 20030516; JP 2002195062 A 20020710; US 2002059918 A1 20020523; US 6543418 B2 20030408

DOCDB simple family (application)

EP 01402805 A 20011030; FR 0015040 A 20001120; JP 2001354607 A 20011120; US 98784701 A 20011116