

Title (en)

Method for evaluating ignition pulses

Title (de)

Verfahren zum Auswerten von Zündimpulsen

Title (fr)

Dispositif pour l'évaluation d'impulsions d'allumage

Publication

EP 0732499 A3 19971029 (DE)

Application

EP 96109664 A 19921001

Priority

- DE 4136232 A 19911102
- EP 92116797 A 19921001

Abstract (en)

[origin: EP0540878A2] Methods for evaluating ignition pulses (51, 52, 53, 54) of an internal combustion engine with spark ignition are proposed, in which methods in each case the amplitude of the detected pulses (51, 52, 53, 54) are compared with a predetermined variable threshold (57, 58) and those pulses (51, 52, 53, 54) which exceed the threshold (57, 58) are evaluated. According to a first embodiment, there is provision for the threshold (57, 58) to be fixed at a value at which the time intervals (62, 63, 64) of at least two successive pulses (52, 51; 53, 52; 54, 53) lie within a predetermined ratio. According to a different embodiment in which the ignition pulses (51) of a reference cylinder are additionally detected, there is provision for the threshold (57, 58) to be fixed at a value at which the number of detected ignition pulses (51, 52, 53, 54) within an interval which is given by the interval between two successive pulses (51) of the reference cylinder corresponds to an expected number. <IMAGE>

IPC 1-7

F02P 17/02

IPC 8 full level

F02P 17/00 (2006.01); **F02P 17/02** (2006.01); **F02P 17/04** (2006.01)

CPC (source: EP)

F02P 17/02 (2013.01); **F02P 17/04** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 022 (M - 054) 10 February 1981 (1981-02-10)

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0540878 A2 19930512; EP 0540878 A3 19940810; EP 0540878 B1 19990113; DE 4136232 A1 19930506; DE 59209617 D1 19990225; DE 59209853 D1 20000831; EP 0732499 A2 19960918; EP 0732499 A3 19971029; EP 0732499 B1 20000726; ES 2128334 T3 19990516; ES 2150619 T3 20001201

DOCDB simple family (application)

EP 92116797 A 19921001; DE 4136232 A 19911102; DE 59209617 T 19921001; DE 59209853 T 19921001; EP 96109664 A 19921001; ES 92116797 T 19921001; ES 96109664 T 19921001