

Title (en)
Method for evaluating ignition pulses

Title (de)
Verfahren zum Auswerten von Zündimpulsen

Title (fr)
Dispositif pour l'évaluation d'impulsions d'allumage

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EP 0732499 A3 19971029 (DE)

Application
EP 96109664 A 19921001

Priority

- DE 4136232 A 19911102
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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>

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Citation (search report)

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

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