Title (en)

Internal combustion engine control apparatus and method for controlling the same

Title (de)

Verfahren und Vorrichtung zur Steuerung einer Brennkraftmaschine

Title (fr)

Méthode et appareil pour contrôler un moteur à combustion

Publication

EP 1158151 A2 20011128 (EN)

Application

EP 01112559 A 20010523

Priority

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Abstract (en)

A forced stoichiometric combustion is executed every time a cumulative travel distance of a vehicle increases by a distance, thereby creating an opportunity to determine an air-fuel ratio value in a region in which a rich spike control is performed. Therefore, the determination of an air-fuel ratio value can be precisely calculated so that the air-fuel ratio value corresponds to a value that reflects a deviation of the actual air-fuel ratio and a proper value. Accordingly, it becomes possible to control, with high precision, correlation between the air-fuel ratio and a proper value based on the determined air-fuel ratio value during a fuel-rich combustion that is caused by the rich spike control. <IMAGE>

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F02D 41/02; F02D 41/14; F02D 41/30

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CPC (source: EP US)

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Citation (applicant)

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