

Title (en)

Method for controlling the intake air quantity in an internal combustion engine

Title (de)

Verfahren zur Steuerung der Ansaugluftmenge eines Verbrennungsmotors

Title (fr)

Méthode de commande de la quantité d'air d'admission d'un moteur à combustion interne

Publication

EP 0889217 B1 20030903 (DE)

Application

EP 98111478 A 19980623

Priority

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Abstract (en)

[origin: EP0889217A2] The control has an electronic engine control, an accelerator pedal position sensor and an electronic throttle, for allowing operation of the engine in a stoichiometric combustion mode, or a lean-running combustion mode, by regulating the quantity of air supplied to the engine. The electronic engine control has a decision stage, providing a signal indicating the engine combustion mode, for selecting between alternate air quantity characteristics (40, 64), addressed by the engine load, for providing the corresponding combustion air quantity, for addressing a further characteristic (50), to provide a setting value for control of the throttle actuator.

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