

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 A3 20000510 (DE)**

Application

**EP 98111478 A 19980623**

Priority

DE 19728798 A 19970705

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.

IPC 1-7

**F02D 41/14**; **F02D 33/02**

IPC 8 full level

**F02D 11/10** (2006.01); **F02D 33/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/14** (2006.01); **F02D 41/18** (2006.01); **F02D 43/00** (2006.01)

CPC (source: EP)

**F02D 41/1475** (2013.01); **F02D 43/00** (2013.01)

Citation (search report)

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