

Title (en)

Method for controlling idling in an internal combustion engine

Title (de)

Verfahren zur Regelung der Leerlaufdrehzahl einer Brennkraftmaschine

Title (fr)

Méthode de régulation de la vitesse de ralenti pour un moteur à combustion interne

Publication

EP 1072778 A2 20010131 (EN)

Application

EP 00830518 A 20000720

Priority

IT TO990663 A 19990728

Abstract (en)

Method for controlling idling in an internal combustion engine for vehicles, comprising the phases of: supervising at least one operating parameter of the engine, and correcting the quantity of air/fuel delivered to the engine as a function of the variations of the said operating parameter, in order to maintain the revolution speed of the engine essentially equivalent to a pre-established value of reference. The objective of the method is to establish an estimated value of a torque applied to the engine as a function of an angular acceleration value detected during a cycle of the internal combustion engine and to effect a correction of the quantity of air/fuel delivered to the engine as a function of the variations in the said estimated torque value. <IMAGE>

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