

Title (en)

Apparatus for varying the engine torque in particular operating states of an internal combustion engine.

Title (de)

Vorrichtung zum Verändern des Drehmoments während besonderer Betriebszustände einer Brennkraftmaschine.

Title (fr)

Dispositif pour modifier le couple moteur dans des états de fonctionnement particuliers d'un moteur à combustion interne.

Publication

EP 0646710 A1 19950405 (EN)

Application

EP 94115402 A 19940929

Priority

IT BO930388 A 19930930

Abstract (en)

The apparatus 1 comprises sensors 3 which detect engine parameters, an electronic injection system 4, a block 13 for control, according to stored maps, of the injection system in the state of normal distribution of air/fuel mixture, means 43 and 44, activated in the mixture cut-off state, which compare, for each engine stroke, the value F of the angular position of the throttle of the air intake manifold with a first threshold value MF2 and the value RPM of the number of engine revolutions with a second threshold value MRPM2, and means 53, activated when the value of the position of the throttle is greater than the first threshold value or when the value of the number of engine revolutions is smaller than the second threshold value, which control, for each cylinder of the engine and according to a table, the inflow of the mixture in order to pass, in a predetermined time, from the cut-off state of the mixture to that of normal distribution with a predetermined rate of variation of the engine torque. <IMAGE>

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- [XA] EP 0501541 A1 19920902 - GEN MOTORS CORP [US]
- [Y] GB 2138176 A 19841017 - HONDA MOTOR CO LTD
- [Y] FR 2406080 A1 19790511 - NISSAN MOTOR [JP]
- [A] US 4259723 A 19810331 - FUJISAWA HIDEYA, et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 124 (M - 301)<1561> 9 June 1984 (1984-06-09)

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