

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 B1 19981216 (EN)**

Application

**EP 94115402 A 19940929**

Priority

IT BO930388 A 19930930

Abstract (en)

[origin: EP0646710A1] 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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