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 0646712 A1 19950405 (EN)

Application
EP 94115403 A 19940929

Priority
IT BO930389 A 19930930

Abstract (en)
The system comprises sensors (3) which detect parameters of the engine; an electronic injection device (4) a block which controls the injection device in normal fuel-air mixture-delivery conditions; means (23) which compare for each engine phase the value (F) of the position of the air induction manifold butterfly valve with a first threshold value (MF1); means (24) which for each engine phase, compare the value (RPM) of the engine speed with a second threshold value (MRPM1); and means (25), activated if the value of the butterfly position is less than the first threshold value and the value of the engine speed is greater than the second threshold value to control, for each cylinder of the engine and according to a table (28) the rate of flow of fuel-air mixture so as to change from normal fuel-delivery conditions to a fuel mixture cut-off condition with a predetermined law of variation of engine torque. <IMAGE>

IPC 1-7
F02D 41/12; F02D 17/02; F02D 37/02

IPC 8 full level
F02D 41/12 (2006.01)

CPC (source: EP)
F02D 41/123 (2013.01); **F02D 41/126** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
DE ES FR GB SE

DOCDB simple family (publication)
EP 0646712 A1 19950405; **EP 0646712 B1 19981216**; BR 9403625 A 19950530; DE 69415257 D1 19990128; DE 69415257 T2 19990701; ES 2127864 T3 19990501; IT 1264227 B1 19960923; IT BO930389 A0 19930930; IT BO930389 A1 19950330

DOCDB simple family (application)
EP 94115403 A 19940929; BR 9403625 A 19940926; DE 69415257 T 19940929; ES 94115403 T 19940929; IT BO930389 A 19930930