

Title (en)

PROCESS AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 0760056 A1 19970305 (DE)**

Application

**EP 95915778 A 19950412**

Priority

- DE 9500505 W 19950412
- DE 4416611 A 19940511

Abstract (en)

[origin: DE4416611A1] The proposal is for a process and device for controlling an internal combustion engine in which a lean fuel-air mixture is supplied in at least a first operating range. When the driver requires more power, e.g. in non-idling operation or in the neighbourhood of full-load running, a stoichiometric mixture is supplied, in which, during the transition, the change in torque owing to the change in the fuel-air mixture is substantially offset by a corresponding adjustment of the air supply to the internal combustion engine.

IPC 1-7

**F02D 41/14**; **F02D 41/10**; **F02D 33/02**

IPC 8 full level

**F02D 33/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/10** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP US)

**F02D 41/04** (2013.01 - EP US); **F02D 41/1475** (2013.01 - EP US); **F02D 41/1456** (2013.01 - EP US); **F02D 2250/21** (2013.01 - EP US)

Citation (search report)

See references of WO 9531636A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 4416611 A1 19951116**; CN 1067141 C 20010613; CN 1149906 A 19970514; DE 59504697 D1 19990211; EP 0760056 A1 19970305; EP 0760056 B1 19981230; JP 3880618 B2 20070214; JP H10500188 A 19980106; US 5746176 A 19980505; WO 9531636 A1 19951123

DOCDB simple family (application)

**DE 4416611 A 19940511**; CN 95192955 A 19950412; DE 59504697 T 19950412; DE 9500505 W 19950412; EP 95915778 A 19950412; JP 52927595 A 19950412; US 73754996 A 19961112