

Title (en)

Method and apparatus for controlling an internal combustion engine

Title (de)

Verfahren und Vorrichtung zur Steuerung einer Brennkraftmaschine

Title (fr)

Méthode et appareil pour la commande d'un moteur à combustion interne

Publication

**EP 0764777 A3 19981223 (DE)**

Application

**EP 96110218 A 19960625**

Priority

- DE 19535418 A 19950923
- DE 19605417 A 19960214

Abstract (en)

[origin: EP0764777A2] Fuel is supplied by a pump into a high pressure part, and fuel feed to cylinders is controlled by solenoid valves. In the case of failure, fuel is supplied in an angled sector, in which the supply does not influence the torque. This is in the lower dead centre area of the cylinder concerned. The supplied fuel volume causes a pressure drop in the high pressure part. The volume of fuel supplied causes a flow limiter in the part to stop the fuel flow. This applies only to the faulty cylinder. Supply is within an angled sector of 100 degrees and 200 degrees crankshaft after the upper dead centre of the cylinder concerned.

IPC 1-7

**F02D 41/22**; **F02D 41/38**

IPC 8 full level

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CPC (source: EP KR)

**F02D 41/22** (2013.01 - EP KR); **F02D 41/3836** (2013.01 - EP); **F02B 3/06** (2013.01 - EP); **F02D 2041/223** (2013.01 - EP)

Citation (search report)

- [A] DE 4344190 A1 19950629 - ORANGE GMBH [DE]
- [A] US 5201294 A 19930413 - OSUKA ISAO [JP]
- [A] DE 4229409 A1 19940310 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by

EP2071167A1; FR2762358A1; EP2123890A1; EP1087121A3; CN103052784A; EP2187029A1; CN101737185A; EP0899443A3; US7735472B2; US7891342B2; US8240290B2

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