

Title (en)

Fuel metering control system for internal combustion engine

Title (de)

Regelungssystem für die Brennstoffdosierung eines Innenverbrennungsmotors

Title (fr)

Système de commande du dosage de carburant pour un moteur à combustion interne

Publication

EP 0719919 B1 20030409 (EN)

Application

EP 96300001 A 19960102

Priority

- JP 34002994 A 19941230
- JP 6165095 A 19950225

Abstract (en)

[origin: EP0719919A2] A fuel metering control system for an internal combustion engine having a plurality of cylinders. The system includes an air/fuel ratio sensor and engine operating condition detecting means for detecting engine operating conditions such as engine speed and engine load. The basic quantity of fuel injection is determined by retrieving mapped data according to the detected parameters. A plurality of controllers are provided all using outputs of the air/fuel ratio sensor. The controllers are configured to receive the sensor outputs through filters having different cutout frequency so as to avoid control interference therebetween. <IMAGE>

IPC 1-7

F02D 41/14; G05B 13/02

IPC 8 full level

F02D 41/00 (2006.01); **F02D 41/14** (2006.01); **F02D 41/34** (2006.01)

CPC (source: EP)

F02D 41/008 (2013.01); **F02D 41/1402** (2013.01); **F02D 41/1473** (2013.01); **F02D 41/1456** (2013.01); **F02D 2041/1409** (2013.01); **F02D 2041/1415** (2013.01); **F02D 2041/1416** (2013.01); **F02D 2041/1417** (2013.01); **F02D 2041/1418** (2013.01); **F02D 2041/142** (2013.01); **F02D 2041/1426** (2013.01); **F02D 2041/1431** (2013.01); **F02D 2041/1433** (2013.01)

Citation (examination)

- EP 0408206 A2 19910116 - FORD MOTOR CO [GB], et al
- EP 0492431 A1 19920701 - MARELLI AUTRONICA [IT]
- US 4990235 A 19910205 - CHUJO YOSHIKI [JP]

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US5974870A; EP1223328A1; US2022268217A1; US11927141B2; WO9735106A3; US6718942B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0719919 A2 19960703; **EP 0719919 A3 19981216**; **EP 0719919 B1 20030409**; DE 69627218 D1 20030515; DE 69627218 T2 20031106

DOCDB simple family (application)

EP 96300001 A 19960102; DE 69627218 T 19960102