

Title (en)

Method to suppress vibrations from an engine driving a vehicle during the transition from acceleration to deceleration

Title (de)

Verfahren zur Unterdrückung des beim Übergang von Zug- auf Schubbetrieb auftretenden Ruckelns einer zum Antrieb eines Kraftfahrzeuges dienenden Brennkraftmaschine

Title (fr)

Méthode pour supprimer les secousses d'un moteur de véhicule lors du passage d'accélération à décélération

Publication

EP 0781911 A3 19990303 (DE)

Application

EP 96119903 A 19961212

Priority

DE 19549076 A 19951229

Abstract (en)

[origin: EP0781911A2] The backfire prevention method allows the fuel feed provided by the fuel injection valves to be disconnected for a selected cylinder or cylinder group when the throttle valve is moved into a closed or approximately closed position after a given delay. The fuel mixture to the remaining cylinders or cylinder groups is adjusted by the fuel injection control simultaneously with the cut-out of the fuel to the selected cylinder or cylinder group

IPC 1-7

F02D 41/04; **F02D 41/12**; **F02D 41/36**

IPC 8 full level

F02D 41/00 (2006.01); **F02D 41/12** (2006.01); **F02D 41/14** (2006.01); **F02D 41/36** (2006.01)

CPC (source: EP)

F02D 41/0087 (2013.01); **F02D 41/123** (2013.01); **F02D 41/1497** (2013.01)

Citation (search report)

- [X] US 4337740 A 19820706 - SUGASAWA FUKASHI, et al
- [A] US 4245471 A 19810120 - SUGASAWA FUKASHI, et al
- [A] US 4655187 A 19870407 - GRAVESTOCK ROBERT E [GB]
- [A] US 4467602 A 19840828 - IIZUKA HARUHIKO [JP], et al
- [A] EP 0596127 A1 19940511 - MITSUBISHI MOTORS CORP [JP]
- [A] EP 0443785 A1 19910828 - LUCAS IND PLC [GB]

Cited by

FR2992361A1; US9212616B2; WO2014011350A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0781911 A2 19970702; **EP 0781911 A3 19990303**; **EP 0781911 B1 20021002**; DE 19549076 A1 19970703; DE 59609749 D1 20021107

DOCDB simple family (application)

EP 96119903 A 19961212; DE 19549076 A 19951229; DE 59609749 T 19961212