

Title (en)

Exhaust pulsation control system for an internal combustion engine

Title (de)

Abgasschwingungssteuersystem für eine Brennkraftmaschine

Title (fr)

Système de commande de pulsation de gaz d'échappement pour moteurs à combustion interne

Publication

**EP 0735257 A2 19961002 (EN)**

Application

**EP 96105198 A 19960401**

Priority

JP 10015295 A 19950331

Abstract (en)

An exhaust pulsation control system for an internal combustion engine having at least one cylinder communicating with an intake passage via an intake port and with an exhaust passage via an exhaust port, comprises engine operating condition detecting means and exhaust gas temperature detecting means. Further, there is provided a memory storing target values of exhaust gas temperature related to predetermined engine operating conditions and a control means connected to said memory and adapted to control an air/fuel ratio of an air/fuel mixture to be supplied to said engine so as to approach said detected exhaust gas temperature to said target exhaust gas temperature corresponding to the engine operating conditions detected. <IMAGE>

IPC 1-7

**F02D 41/14**

IPC 8 full level

**F02B 27/06** (2006.01); **F02D 35/00** (2006.01); **F02D 41/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/14** (2006.01); **F02M 7/20** (2006.01); **F02M 9/06** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP US)

**F02D 35/0015** (2013.01 - EP US); **F02D 41/1446** (2013.01 - EP); **F02M 7/20** (2013.01 - EP); **F02M 9/06** (2013.01 - EP US); **F02B 2075/027** (2013.01 - EP)

Cited by

US6363312B1; WO2004057165A3; WO0100978A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0735257 A2 19961002**; **EP 0735257 A3 19970820**; **EP 0735257 B1 20011031**; DE 69616401 D1 20011206; DE 69616401 T2 20020516; JP H08270477 A 19961015

DOCDB simple family (application)

**EP 96105198 A 19960401**; DE 69616401 T 19960401; JP 10015295 A 19950331