

Title (en)

Control apparatus for an engine, engine, control method of an engine, and computer program product

Title (de)

Steuerungssystem für einen Motor, Motor, Steuerungsmethode für einen Motor und Computerprogramm-Produkt

Title (fr)

Dispositif de commande d'un moteur, moteur, méthode de commande pour un moteur et produit de programme informatique

Publication

**EP 1464818 A1 20041006 (EN)**

Application

**EP 04007120 A 20040324**

Priority

JP 2003096032 A 20030331

Abstract (en)

A control apparatus for an engine which prevents the clogging of the filter or accompanying abnormal burnup, even with the occurrence of a failure of a sensor for detecting the amount of the exhausted particulate trapped in the particulate filter. In case that a malfunction is detected in pressure sensors and a temperature sensor for detecting the upstream exhaust-gas pressure, the downstream exhaust-gas pressure, and the second exhaust-gas temperature as parameter values associated with the amount of the exhausted particulate trapped in a particulate filter, a control unit performs a control to suppress the particulate filter from being clogged with the exhausted particulate by controlling the operational condition of an engine in comparison with the case without the detection of the malfunction. <IMAGE>

IPC 1-7

**F02D 41/22**; **F02D 41/02**

IPC 8 full level

**F02M 25/07** (2006.01); **F01N 3/02** (2006.01); **F02D 21/08** (2006.01); **F02D 41/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/22** (2006.01); **F02D 41/40** (2006.01); **F02D 43/00** (2006.01)

CPC (source: EP)

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Citation (applicant)

JP H06280544 A 19941004 - TOYOTA MOTOR CORP

Citation (search report)

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- [A] WO 02073011 A1 20020919 - BOSCH GMBH ROBERT [DE], et al
- [A] EP 0349788 A1 19900110 - IVECO FIAT [IT]
- [DX] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01 28 February 1995 (1995-02-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05 3 May 2002 (2002-05-03)

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DE

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