

Title (en)  
ENGINE MANAGEMENT SYSTEM

Title (de)  
MOTORSTEUERUNGSSYSTEM

Title (fr)  
SYSTEME DE GESTION D'UN MOTEUR

Publication  
**EP 1177371 A1 20020206 (EN)**

Application  
**EP 00927522 A 20000505**

Priority  
• GB 0001733 W 20000505  
• GB 9910379 A 19990505

Abstract (en)  
[origin: WO0068551A1] An engine management system is disclosed for regulating the quantity of fuel supplied to the engine cylinders of an engine fitted with a three-way catalytic converter. The system operates in its normal mode to regulate the air to fuel ratio (AFR) such that emissions of hydrocarbons, carbon monoxide and oxides of nitrogen are minimised by the action of the catalytic converter. The system can also operate in a second mode in which the feed gases to the catalytic converter have excess oxygen. To regenerate the catalyst, the system switches periodically to the second mode of operation and remains in the second mode only for sufficient time to expose up to the entire volume of the catalytic converter to an oxidising environment.

IPC 1-7  
**F01N 11/00**; **F02D 41/02**; **F02D 41/14**

IPC 8 full level  
**F02D 41/02** (2006.01); **F02D 41/14** (2006.01); **F01N 13/02** (2010.01)

CPC (source: EP)  
**F01N 13/0097** (2014.06); **F02D 41/027** (2013.01); **F02D 41/1408** (2013.01); **Y02T 10/12** (2013.01)

Citation (search report)  
See references of WO 0068551A1

Citation (examination)  
• GB 2276099 A 19940921 - FORD MOTOR CO [GB]  
• JP H0882213 A 19960326 - NISSAN MOTOR

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 0068551 A1 20001116**; EP 1177371 A1 20020206; GB 9910379 D0 19990630

DOCDB simple family (application)  
**GB 0001733 W 20000505**; EP 00927522 A 20000505; GB 9910379 A 19990505