

Title (en)

Method and device for detecting oxygen concentration

Title (de)

Verfahren und Vorrichtung zur Erfassung einer Sauerstoffkonzentration

Title (fr)

Procédé et dispositif de détection de la concentration d'oxygène

Publication

EP 1333171 A1 20030806 (EN)

Application

EP 03001529 A 20030123

Priority

JP 2002015870 A 20020124

Abstract (en)

An electronic control unit (90) for managing and controlling an operational state of a diesel engine (1) first opens a throttle valve (32) completely during the implementation of fuel cut so as to replace gas remaining in an exhaust system (40) with fresh air in an intake system (30), then closes the throttle valve (32) to stabilize a pressure and a temperature in the exhaust system (40), and makes atmospheric correction. The electronic control unit (90) performs a control of prohibiting fuel from being added within a predetermined period after the start of fuel cut. <IMAGE>

IPC 1-7

F02D 41/24; F02D 41/14; G01N 27/417

IPC 8 full level

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Citation (search report)

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