

Title (en)

Method for operating an internal combustion engine and controlling device for such an engine

Title (de)

Verfahren zum Betreiben einer Brennkraftmaschine und Steuergerät für eine Brennkraftmaschine

Title (fr)

Méthode pour contrôler un moteur à combustion interne et appareil de commande pour ce moteur

Publication

**EP 1538324 A3 20061025 (DE)**

Application

**EP 04023769 A 20041006**

Priority

DE 10356052 A 20031201

Abstract (en)

[origin: EP1538324A2] The engine operating process involves fuel being pumped by a preliminary supply pump in a low pressure region, and by a main supply pump in a pressure store via at least one fuel measuring device into the combustion chamber. A pressure sensor records the pressure for the high pressure region. This value is compared with a preset maximum value in the lower pressure region.

IPC 8 full level

**F02D 41/38** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP)

**F02D 41/2441** (2013.01); **F02D 41/2474** (2013.01); **F02D 41/3836** (2013.01); **F02D 2041/224** (2013.01); **F02D 2200/0602** (2013.01); **F02D 2250/16** (2013.01)

Citation (search report)

- [X] DE 10003906 A1 20010809 - BOSCH GMBH ROBERT [DE]
- [X] DE 10137871 C1 20030306 - SIEMENS AG [DE]
- [X] US 6539921 B1 20030401 - MATSUMURA TOSHIMI [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

**EP 1538324 A2 20050608**; **EP 1538324 A3 20061025**; **EP 1538324 B1 20110511**; DE 10356052 A1 20050623

DOCDB simple family (application)

**EP 04023769 A 20041006**; DE 10356052 A 20031201