

Title (en)

Method for operating an internal combustion engine, in particular for a motor vehicle

Title (de)

Verfahren zum Betreiben einer Brennkraftmaschine insbesondere eines Kraftfahrzeugs

Title (fr)

Procédé pour faire fonctionner un moteur à combustion interne, en particulier un moteur d'automobile

Publication

EP 1279822 A3 20060308 (DE)

Application

EP 02014152 A 20020625

Priority

DE 10136179 A 20010725

Abstract (en)

[origin: EP1279822A2] The operating method has fuel fed from a metering device (15) to a high pressure pump (16), supplying the fuel to a common-rail pressure reservoir (17) for the fuel injection jets (21). The quantity of fuel provided by the metering device is limited by the maximum feed rate of the high pressure pump, the limitation over-ridden by a control device (20) upon a reduction in the pressure in the common-rail pressure reservoir, with indication of a fault in front of the high pressure pump upon a subsequent pressure increase and a fault after the high pressure pump upon no pressure increase. Also included are Independent claims for the following: (a) a computer program for a control device for and automobile IC engine; (b) a control device for an automobile IC engine; (c) an automobile IC engine.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 19614884 A1 19971023 - BOSCH GMBH ROBERT [DE]
- [A] DE 19937962 A1 20010215 - BOSCH GMBH ROBERT [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 633 (M - 1513) 24 November 1993 (1993-11-24)

Cited by

FR2862714A1; US10400731B2; WO2016096229A1

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