

Title (en)

Fuel supply control system for internal combustion engine

Title (de)

System für die Kraftstoffzufuhr in einer Brennkraftmaschine

Title (fr)

Système de commande d'alimentation en carburant de moteur à explosion interne

Publication

EP 1371836 A2 20031217 (EN)

Application

EP 03013060 A 20030610

Priority

- JP 2002169008 A 20020610
- JP 2003134554 A 20030513

Abstract (en)

A fuel supply control system is arranged to execute a first diagnosis based on the a fuel injection quantity (Qi) and a fuel pump discharge quantity (Q) after a feedback control of a fuel pressure (p) is started, to execute a second diagnosis when a result of the first diagnosis is NG or when the fuel pump discharge quantity (Q) approximately takes one of a maximum quantity (MAX) or minimum quantity (MIN) of the fuel pump discharge quantity, and to make a NG decision in the second diagnosis when a condition of a magnitude of a difference (Pcal) between a target fuel pressure (Pt) and an actual fuel pressure (P) is greater than a predetermined pressure is maintained for a predetermined time period (T).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

JP H10176589 A 19980630 - FORD GLOBAL TECH INC

Cited by

DE102011004378B4; CN102817733A; US11242815B2; US8806927B2; WO2009141200A1; WO2012110540A1

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