

Title (en)

Transient injection quantity control apparatus and method of diesel engine

Title (de)

Verfahren und Vorrichtung zur Steuerung der Übergangseinspritzmenge eines Dieselmotors

Title (fr)

Méthode et dispositif pour commander la quantité d'injection en phase transitoire d'un moteur diesel

Publication

EP 0924417 B1 20040818 (EN)

Application

EP 98123368 A 19981208

Priority

JP 35368197 A 19971222

Abstract (en)

[origin: EP0924417A2] Even in the course of executing smoothing process of fuel injection quantity of a diesel engine (1), the increase in a basic fuel injection quantity is switched to the increased quantity having a smaller increase rate depending on an accelerator opening degree and a driver's request for deceleration so as to improve drivability by intensifying the response to the driver's request for acceleration. As a result, even in the course of executing the acceleration smoothing control, the acceleration can be suppressed in quick response to the driver's request for deceleration to be immediately satisfied, resulting in excellent drivability. <IMAGE>

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IPC 8 full level

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