

Title (en)

Electronic fuel injection control device

Title (de)

Elektronische Kraftstoffeinspritzsteuervorrichtung

Title (fr)

Dispositif électronique de commande d'injection de carburant

Publication

**EP 0740060 A2 19961030 (EN)**

Application

**EP 96106460 A 19960424**

Priority

JP 9898495 A 19950424

Abstract (en)

To perform correction of a fuel injection amount according to atmospheric pressure PA with a high precision over the whole range from a low-load condition to a high-load condition of an engine 4 even when the engine 4 is a multiple throttle valve type engine. In an electronic fuel injection control device 1 for performing correction of a basic fuel injection amount set according to intake manifold vacuum PB, according to atmospheric pressure, atmospheric pressure correction coefficient setting means 21 includes atmospheric pressure correction coefficient tables 21a and 21b preliminarily storing atmospheric pressure PA correction coefficients KpaL and KpaH respectively for a low-load condition and a high-load condition, and applicable table selecting means 21c. Load condition deciding means 21d decides an engine load condition according to intake manifold vacuum PB, and the applicable table selecting means 21c selects either the atmospheric pressure correction coefficient KpaL or KpaH according to a decision output 21f from the load condition deciding means 21d. Load condition decision threshold computing means 21e can vary a load condition decision threshold PBsud according to atmospheric pressure PA. <IMAGE>

IPC 1-7

**F02D 41/32**; **F02D 41/04**

IPC 8 full level

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CPC (source: EP)

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