Title (en)

Output control apparatus of internal combustion engine

Title (de)

Leistungs-Regelvorrichtung für Brennkraftmaschine

Title (fr)

Dispositif pour régler la puissance motrice sur des moteur à combustion interne

Publication

EP 1455073 B1 20070808 (EN)

Application

EP 04005154 A 20040304

Priority

JP 2003062300 A 20030307

Abstract (en)

[origin: EP1455073A1] Fuel injection correction amounts QiscON, QiscOFF1 and QiscOFF2 are respectively calculated depending on the operation ranges (S206, S208, S210). However, take-off assist correction itself is performed based on the total amount of all the fuel injection correction amounts. Therefore, even when the operation range is changed while a vehicle takes off from a standstill or immediately after the vehicle takes off, all the fuel injection correction amounts are always reflected on the take-off assist correction. In addition, the gain for calculation of the fuel injection correction amount is changed such that the gain corresponds to the operation range. Accordingly, the engine operation state is reflected on the fuel injection correction amount with responsiveness appropriate for each operation range. Therefore, it is possible to prevent fluctuation in an engine rotational speed and a vehicle speed, and to minimize the sense of discomfort felt by a driver. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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FR2920900A1; EP2514950A1; CN102748148A; ITBO20110214A1

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