

Title (en)

Intake air flow control system for internal combustion engine

Title (de)

System zur Steuerung der Ansaugluftmenge für eine Brennkraftmaschine

Title (fr)

Système de commande de débit d'air pour moteur à combustion interne

Publication

EP 1431553 B1 20130710 (EN)

Application

EP 03104340 A 20031124

Priority

JP 2002350553 A 20021202

Abstract (en)

[origin: EP1431553A2] To provide an intake air flow control system for an internal combustion engine with which it is possible to prevent a rise in cost and to prevent adverse effects on the starting characteristics of the internal combustion engine. At the time of performing a reference position adjustment of an auxiliary intake air flow control valve, when both a first re-reading condition where the absolute value of the difference between a target idling engine speed and a current idling engine speed is smaller than a first threshold and a second re-reading condition where the absolute value of the difference between a calculated intake flow rate and a reference intake flow rate is greater than a second threshold are established, step S5 is performed in which a valve opening corresponding to the reference intake flow rate on a reference characteristic basis is used in place of a valve opening corresponding to the calculated intake flow rate.

IPC 8 full level

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CPC (source: EP)

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