

Title (en)

Control system for internal combustion engine

Title (de)

Steuersystem für einen Verbrennungsmotor

Title (fr)

Système de contrôle pour moteur à combustion interne

Publication

EP 2058489 B1 20160727 (EN)

Application

EP 08253549 A 20081030

Priority

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- JP 2007290200 A 20071107
- JP 2007290201 A 20071107

Abstract (en)

[origin: EP2058489A2] In a system for controlling an internal combustion engine (12) mounted on a vehicle (10) and having an actuator (44) that drives a throttle valve (24) installed in an intake pipe (22) of the engine, it is configured to comprise a throttle opening sensor (52) that produces an output indicative of opening of the throttle valve (24), and to determine an output of the throttle opening sensor (52) at a time when the throttle valve (24) is driven to a fully-closed position by the actuator as a full-close reference TPS_fully_close; determine a full-open reference TPS_wot corresponding to a fully-opened position of the throttle valve (24) based on the determined full-close reference; and control the operation of the actuator (44) such that the throttle valve opening becomes a desired value that is determined within a range defined by the full-close reference and the full-open reference. With this, the full-close reference and full-open reference can be determined accurately and promptly.

IPC 8 full level

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CPC (source: EP)

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Cited by

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