

Title (en)
STOP CONTROL DEVICE FOR ENGINE

Title (de)
VORRICHTUNG ZUR STEUERUNG VON MOTORSTOPP

Title (fr)
DISPOSITIF DE COMMANDE D'ARRÊT POUR MOTEUR

Publication
EP 2251537 A1 20101117 (EN)

Application
EP 09713282 A 20090217

Priority
• JP 2009052672 W 20090217
• JP 2008037456 A 20080219

Abstract (en)
A stop control device for an engine suppresses vibration of the engine occurring when the engine is stopped and prevents collision of the valve of the intake throttle valve at the same time. The stop control device includes an intake throttle valve 13 provided to be openable and closeable inside an intake passage 11 of an engine 1 and capable of closing the inside of the intake passage 11, and control means 14 for controlling the intake throttle valve 13. The control means 14 controls the intake throttle valve 13 so that the intake throttle valve 13 is rapidly closed to a predetermined opening degree near the completely closed state when the engine 1 is stopped, and controls, when the intake throttle valve 13 becomes the predetermined opening degree near the completely closed state, the intake throttle valve 13 so that the intake throttle valve 13 is closed to the completely closed state slower than when the intake throttle valve is closed to the predetermined opening degree near the completely closed state, so as to prevent the occurrence of an excessive impact when the intake throttle valve 13 closes the inside of the intake passage 11.

IPC 8 full level
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CPC (source: EP)
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