

Title (en)
DEVICE FOR CONTROLLING ACCELERATOR PEDAL OF VEHICLE

Title (de)
VORRICHTUNG ZUR STEUERUNG DES GASPEDALS EINES FAHRZEUGE

Title (fr)
DISPOSITIF DE COMMANDE DE LA PEDALE D'ACCELERATEUR D'UN VEHICULE

Publication
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Application
EP 94924409 A 19940818

Priority

- KR 19940006909 A 19940401
- KR 9400112 W 19940818

Abstract (en)
[origin: WO9527237A1] An accelerator pedal control device for a vehicle including a pedal position sensor (S1) for sensing an actuated position of an accelerator pedal (P), a solenoid position sensor (S2) for sensing an actuated position of a solenoid device (2), an RPM sensor (K) for detecting an engine RPM of the vehicle, a vehicle speed sensor (E) for detecting a speed of the vehicle, and an electronic control unit (ECU) for receiving output signals from the pedal position sensor (S1), the solenoid position sensor (S2), the RPM sensor (K) and the vehicle speed sensor (E), controlling an operating voltage to be applied to the solenoid device (2) and a duty ratio depending on the actuated position of the accelerator pedal (P) until the vehicle speed detected by the vehicle speed sensor (E) reaches a first predetermined vehicle speed, while comparing the received signals from the pedal position sensor (S1) and the solenoid position sensor (S2) with each other and increasing the duty ratio by a predetermined rate when the signal from the pedal position sensor (S1) has a higher value than the signal from the solenoid position sensor (S2).

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IPC 8 full level
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Citation (search report)
See references of WO 9527237A1

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