

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  
**EP 0755535 A1 19970129 (EN)**

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).

IPC 1-7  
**G05D 13/62**

IPC 8 full level  
**B60K 26/02** (2006.01); **B60K 31/04** (2006.01); **F02D 11/10** (2006.01); **G05G 1/00** (2006.01)

CPC (source: EP KR)  
**B60K 26/02** (2013.01 - EP); **B60K 31/02** (2013.01 - KR); **B60K 31/047** (2013.01 - EP); **F02D 11/10** (2013.01 - EP); **B60K 2310/00** (2013.01 - KR); **B60L 2250/26** (2013.01 - EP); **B60W 2540/10** (2013.01 - EP); **F02D 11/105** (2013.01 - EP)

Citation (search report)  
See references of WO 9527237A1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**WO 9527237 A1 19951012**; AU 7468194 A 19951023; BR 9408557 A 19970819; CA 2186466 A1 19951012; CN 1145673 A 19970319; EP 0755535 A1 19970129; KR 950028987 A 19951122; KR 960007409 B1 19960531

DOCDB simple family (application)  
**KR 9400112 W 19940818**; AU 7468194 A 19940818; BR 9408557 A 19940818; CA 2186466 A 19940818; CN 94195071 A 19940818; EP 94924409 A 19940818; KR 19940006909 A 19940401