

Title (en)

ADJUSTABLE PEDAL APPARATUS FOR VEHICLES

Title (de)

VERSCHIEBBARE PEDALVORRICHTUNG FÜR KRAFTFAHRZEUGE

Title (fr)

APPAREIL DE PEDALE AJUSTABLE POUR VEHICULES

Publication

**EP 1316006 A1 20030604 (EN)**

Application

**EP 01961648 A 20010717**

Priority

- US 0122413 W 20010717
- US 22839500 P 20000828

Abstract (en)

[origin: WO0219051A1] A pedal-supporting apparatus (20) includes a support (21) configured for attachment to a vehicle firewall, and a brake pedal subassembly (22) and an accelerator pedal subassembly (23) pivoted to the support (21). The brake pedal subassembly (22) includes an upper portion pivotally engaging the support, and a brake pedal coupled to the upper portion (32) by a linear adjustment device comprising a vertically-elongated C-shaped track and follower. A rack on the track is engaged by a worm gear (30) for adjusting the brake pedal location. The accelerator pedal subassembly (22) is similarly supported. A reversible motor includes a driving gear, and gear-driven cables engage the driving gear and extend from the driving gear in series to worm gears (30) on each adjustment device so that the brake pedal and accelerator pedal are simultaneously and equally adjusted upon actuation of the motor. A stop lever is incorporated into the pedal as desired.

IPC 1-7

**G05G 1/00**

IPC 8 full level

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