

Title (en)
Accelerator pedal for motorized vehicle

Title (de)
Gaspedal für Fahrzeug

Title (fr)
Pédale d'accélérateur pour véhicule motorisé

Publication
EP 1942390 A1 20080709 (EN)

Application
EP 08154991 A 20040527

Priority
• EP 04753520 A 20040527
• US 47413503 P 20030529

Abstract (en)
An accelerator pedal assembly that provides a hysteresis in pedal force-response upon actuation is provided. The accelerator pedal assembly includes a housing (32), an elongated pedal arm (22) terminating at one end in a rotatable drum (29) defining a curved braking surface (42), a brake pad (44) having a curved contact surface (70) substantially complementary to the braking surface (42) and a bias spring device (46) operably situated between the pedal arm (22) and the brake pad (44). The pedal arm (22) is rotatably mounted to the housing (32) such that the curved braking surface (42) rotates as the pedal moves. The brake pad (44) defines a primary pivot axis and is pivotably mounted for frictional engagement with the braking surface (42). The bias spring (46) serves to urge the contact surface (70) of the brake pad (44) into frictional engagement with the braking surface (42) of the drum (29).

IPC 8 full level
G05G 1/30 (2008.04); **G05G 5/03** (2006.01)

CPC (source: EP)
G05G 1/30 (2013.01); **G05G 5/03** (2013.01)

Citation (applicant)
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• US 5524589 A 19960611 - KIKKAWA MITSUO [JP], et al
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DE FR GB

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