

Title (en)
CRASH-SAFE PEDALS IN A VEHICLE

Title (de)
CRASH-SICHERE PEDALERIE IN EINEM FAHRZEUG

Title (fr)
ENSEMBLE PEDALE ATRAUMATIQUE

Publication
EP 1272377 A1 20030108 (DE)

Application
EP 01943213 A 20010402

Priority

- DE 10016598 A 20000404
- DE 10053996 A 20001031
- EP 0103723 W 20010402

Abstract (en)
[origin: WO0174628A1] The invention relates to pedals for use in motor vehicles. The aim of the invention is to prevent the pedal lever (4) from hitting the leg (13) of the driver, when a crash occurs, through displacement of the actuating rod (11) of the brake booster (9). This is achieved by preventing the pedal lever (4) from rotating in a direction counter to the direction of actuation. Several measures are provided. One of said measures consists in exclusively allowing forces to be transmitted in one direction of actuation. This can occur with the aid of a traction rod (14) which is unable to transmit any pressure forces. Another measure consists in mounting the pedal lever on a separately arranged cross member (21), as opposed to mounting it against the engine compartment.

IPC 1-7
B60R 21/09; **B60T 7/06**

IPC 8 full level
B60R 21/02 (2006.01); **B60R 21/09** (2006.01); **B60T 7/06** (2006.01); **B60R 21/00** (2006.01)

CPC (source: EP US)
B60R 21/0286 (2013.01 - EP US); **B60R 21/09** (2013.01 - EP US); **B60T 7/065** (2013.01 - EP US); **B60R 2021/0053** (2013.01 - EP US); **Y10T 74/20888** (2015.01 - EP US)

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 0174628 A1 20011011; EP 1272377 A1 20030108; US 2003075005 A1 20030424

DOCDB simple family (application)
EP 0103723 W 20010402; EP 01943213 A 20010402; US 24089402 A 20021004