

Title (en)
ADJUSTABLE PEDAL UNIT

Title (de)
VERSTELLBARE PEDALWERKE

Title (fr)
SYSTEME DE PEDALE REGLABLE

Publication
EP 1272909 B1 20050622 (DE)

Application
EP 01933590 A 20010405

Priority
• DE 0101365 W 20010405
• DE 10017531 A 20000410

Abstract (en)
[origin: WO0177772A1] The invention relates to a pedal unit, comprising a four-bar parallelogram. The pedal unit is made up of an upper retainer piece (8), a lower retainer bracket (11), with footplate (12) attached and two roughly parallel arms (9, 10), which are each rotatably mounted at one end on the upper retainer piece (8) and at the other end on the lower retainer bracket (12). The pedal unit may rotate about a main bearing (B). An adjuster device for the adjustment of the footplate (11), predominantly in the X-direction, is provided. The upper retainer piece (8) and a sliding block (5) are mounted on a guide pinion (6), in a displaceable and adjustable manner. A rod bearing (A) is arranged on the guide pinion (6), whereas the main bearing (B) is arranged on the sliding block (5) and a main bearing tie (3) and a rod bearing tie (4) are provided, one end of each being rotatably connected to a solid bearing block (1) and the other free end, rotatably mounted in the main bearing (B), or the rod bearing (A). A longitudinally adjustable strut (13) is mounted between the arms (9, 10), with both ends rotatably connected to the above arms.

IPC 1-7
G05G 1/14

IPC 8 full level
B60T 7/06 (2006.01); **G05G 1/30** (2008.04); **G05G 1/405** (2008.04)

CPC (source: EP US)
G05G 1/405 (2013.01 - EP US); **Y10T 74/20528** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0177772 A1 20011018; AT E298432 T1 20050715; AU 6005501 A 20011023; DE 10017531 A1 20011115; DE 10017531 C2 20020307; DE 50106584 D1 20050728; EP 1272909 A1 20030108; EP 1272909 B1 20050622; JP 2003530634 A 20031014; US 2003047022 A1 20030313; US 6840132 B2 20050111

DOCDB simple family (application)
DE 0101365 W 20010405; AT 01933590 T 20010405; AU 6005501 A 20010405; DE 10017531 A 20000410; DE 50106584 T 20010405; EP 01933590 A 20010405; JP 2001574562 A 20010405; US 23990902 A 20020926