

Title (en)  
PEDAL TELESCOPING DEVICE.

Title (de)  
VORRICHTUNG ZUM TELESKOPIEREN EINES PEDALES.

Title (fr)  
DISPOSITIF DE MOUVEMENT TELESCOPIQUE DE PEDALES.

Publication  
**EP 0041560 A4 19820429 (EN)**

Application  
**EP 81900167 A 19801125**

Priority  
US 10062579 A 19791205

Abstract (en)  
[origin: WO8101620A1] An apparatus for changing the leverage of a bicycle pedal (5/41) by telescoping the pedal (5/41) on the pedal arm (13/51) during rotation of the pedal arm (13/51) and pedal guide (1/39) around the pedal axis; the apparatus comprising a pedal guide (1/39) which includes a lead bolt (7/45) and has the pedal (5/41) attached thereto, a pedal arm (13/51), a cam plate (31/33) a cam ring (32/34), a ring bearing (127/129), a pedal axle (19), a sprocket (97), and a spindle housing (12). The lead bolt (7/45) of the pedal guide (1/39) rotatably attaches to the cam ring (32/34) which peripherally encloses the ring bearing (127/129). The ring bearing (127/129) is peripherally located around the pedal arm (13/51) and pedal guide (1/39) rotate, the cam ring (32/34) and cam plate (31/33) control the telescoping motion of the pedal (5/41) and pedal guide (1/39) by controlling the movement of the lead bolt (7/45) of the pedal guide (1/39). The pedal guide (1/39) slides on the pedal arm (13/51). The sprocket (97) is fixedly connected to the pedal axle (19).

IPC 1-7  
**G05G 1/14**

IPC 8 full level  
**B62M 3/06** (2006.01); **B62M 3/04** (2006.01)

IPC 8 main group level  
**B62K** (2006.01)

CPC (source: EP)  
**B62M 3/04** (2013.01)

Citation (search report)

- FR 937252 A 19480812
- FR 1015009 A 19520826
- FR 957403 A 19500220
- FR 2265607 A1 19751024 - COUTZAC HENRI [FR]

Designated contracting state (EPC)  
AT CH DE FR GB LI NL SE

DOCDB simple family (publication)  
**WO 8101620 A1 19810611**; BR 8008938 A 19811020; CA 1163285 A 19840306; DK 338081 A 19810729; EP 0041560 A1 19811216; EP 0041560 A4 19820429; ES 497404 A0 19820116; ES 8202304 A1 19820116; IT 1141635 B 19861001; IT 8068850 A0 19801204; JP S56501644 A 19811112; MX 151650 A 19850125

DOCDB simple family (application)  
**US 8001579 W 19801125**; BR 8008938 A 19801125; CA 366040 A 19801203; DK 338081 A 19810729; EP 81900167 A 19801125; ES 497404 A 19801203; IT 6885080 A 19801204; JP 50035581 A 19801125; MX 18504480 A 19801204