

Title (en)
Automatic bicycle derailleur

Title (de)
Automatische Dettenschaltung

Title (fr)
Derailleur automatique de bicyclette

Publication
EP 0979193 A1 20000216 (DE)

Application
EP 99930896 A 19990112

Priority
• DE 19802563 A 19980123
• EP 9900126 W 19990112

Abstract (en)
[origin: WO9937529A1] The invention relates to a device for automatically actuating a bicycle derailleur with multiple gear shifting. The inventive device comprises a mechanism which regulates centrifugal force. Said regulating mechanism is rotationally arranged on the wheel axle (8), is coupled to the wheel hub on the entry side, and is coupled on the exit side to an actuating element (6) provided for multiple gear shifting. A reduction gear is arranged between the wheel hub (4) and the drive element (12) of the regulating mechanism, said drive element being located on the entry side. The movement of the regulating mechanism (16) located on the exit side is moved outward via a regulating element (76) which is arranged in the wheel axle and which can be longitudinally displaced. Said regulating element sits closely against the regulating mechanism (16) by means of a drive pin (74).

IPC 1-7
B62M 9/04; **B62M 9/10**; **B62M 11/14**; **B62M 25/02**

IPC 8 full level
B62M 9/04 (2006.01); **B62M 9/10** (2006.01); **B62M 11/14** (2006.01); **B62M 25/02** (2006.01)

CPC (source: EP)
B62M 9/04 (2013.01); **B62M 9/10** (2013.01); **B62M 11/14** (2013.01); **B62M 25/02** (2013.01)

Citation (search report)
See references of WO 9937529A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 9937529 A1 19990729; **WO 9937529 A9 19991014**; DE 19802563 C1 19990916; EP 0979193 A1 20000216; TW 404916 B 20000911

DOCDB simple family (application)
EP 9900126 W 19990112; DE 19802563 A 19980123; EP 99930896 A 19990112; TW 88101024 A 19990122