

Title (en)
Railway switch drive.

Title (de)
Weichenantrieb.

Title (fr)
Commande d'aiguillage.

Publication
EP 0457754 B1 19940928 (DE)

Application
EP 91890102 A 19910513

Priority
AT 105790 A 19900514

Abstract (en)
[origin: EP0457754A2] Points mechanism, in which the points blades are fixed in the limit positions by means of monitoring rods, and the power transmission from the drive unit to the connecting rods (1) takes place by means of a roller (3) which engages in a frictionally locking manner in a recess (2), the roller being guided in a housing (4) arranged slidably on the connecting rods and being pressed into the recess by a locking bolt. The locking bolt (5) is locked at its end facing away from the roller (3) by means of a rigid locking device (8 and 9) fixed to the housing (4), which device contains a threaded plate (9) which can be screwed into the housing (4) and has a bore (13) which is concentric with respect to the bolt (5) and whose diameter is larger than the external diameter of the bolt (5), and a shearing disc (8) which is clamped in between the bolt (5) and the threaded plate (9) and has predetermined resistance to fracture. <IMAGE>

IPC 1-7
B61L 5/10

IPC 8 full level
B61L 5/10 (2006.01)

CPC (source: EP)
B61L 5/10 (2013.01)

Cited by
CN1299941C; EP0645295A3; EP0603156A1; EP3147174A1

Designated contracting state (EPC)
BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0457754 A2 19911121; EP 0457754 A3 19930421; EP 0457754 B1 19940928; AT 393250 B 19910910; AT A105790 A 19910215; CS 9101401 A2 19911217; CZ 279514 B6 19950517; DE 59103079 D1 19941103; DK 0457754 T3 19941114; ES 2064982 T3 19950201; HU 215423 B 19981228; HU T57296 A 19911128; PL 164324 B1 19940729; SK 278855 B6 19980408

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