

Title (en)
SWITCH BLADE ROLLING DEVICE

Title (de)
WEICHENZUNGENROLLVORRICHTUNG

Title (fr)
DISPOSITIF DE ROULEMENT DE LAMES D'AIGUILLES

Publication
EP 0700474 B1 19990908 (DE)

Application
EP 93924497 A 19931115

Priority
• CZ 9300026 W 19931115
• CZ 99193 A 19930525

Abstract (en)
[origin: US5628480A] PCT No. PCT/CZ93/00026 Sec. 371 Date Nov. 27, 1995 Sec. 102(e) Date Nov. 27, 1995 PCT Filed Nov. 15, 1993 PCT Pub. No. WO94/28246 PCT Pub. Date Dec. 8, 1994A switch blade rolling device has a suspended rolling support on which the switch blade is moved, a body provided with a hook, side parts, a transverse end wall with an end opening and a bottom transverse wall with a bottom opening. The clamping claw is anchored in the end opening and the elastic support is screwed into the bottom opening. The free end of an oscillating lever is supported at the top on the elastic support and is mounted in the longitudinal direction with an oscillating lever bolt between side parts. The oscillating lever carries two rollers on roll bolts. The first roller is arranged above the elastic support and is mounted in the longitudinal direction with an oscillating lever bolt between side parts. The oscillating lever carries two rollers on roll bolts. The first roller is arranged above the elastic support and the second roller is arranged between the oscillating lever bolt and the first roller. At the same time, the axle base of the roller is smaller than the width of the switch blade foot. The distance between the inner edge of the switch blade foot and the surface of the second roller in the position where the switch blade is located on the blade support lies between 0 and 50 mm, preferably between 1 and 5 mm.

IPC 1-7
E01B 7/02

IPC 8 full level
E01B 7/02 (2006.01)

CPC (source: EP US)
E01B 7/02 (2013.01 - EP US); **E01B 2202/027** (2013.01 - EP US); **E01B 2202/046** (2013.01 - EP US)

Cited by
DE102008052152B4; DE102004004784A1; DE102004004784B4; DE102008052152A1; US7766283B2; US8237981B2

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