

Title (en)

SLIDING INSERT FOR SWITCHING DEVICES AND FOR SLIDING SURFACES FOR MOVABLE CROSS FOG POINTS, AND PROCESS FOR FASTENING SAID SLIDING INSERT ON THE SLIDING BED OF SWITCHING DEVICES

Publication

**EP 0409961 B1 19930519 (DE)**

Application

**EP 90903358 A 19900212**

Priority

DE 3904026 A 19890210

Abstract (en)

[origin: US5127613A] PCT No. PCT/EP90/00229 Sec. 371 Date Oct. 9, 1990 Sec. 102(e) Date Oct. 9, 1990 PCT Filed Feb. 12, 1990 PCT Pub. No. WO90/09484 PCT Pub. Date Aug. 23, 1990. The antifriction insert (1) for slide surfaces of switching devices is fixed to a base member (5) in that the base member includes a recess with grooves at both sides. At least one of the grooves has upwardly open hollows (9). The antifriction insert has projections associated with these hollows (9) so that the antifriction insert can be introduced from above into the base member (5) and then only needs to be displaced by the length of the projections in order to obtain safe securing.

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 2202/042** (2013.01 - EP US); **E01B 2202/06** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**US 5127613 A 19920707**; AT E89624 T1 19930615; CA 2028839 A1 19900811; DE 3904026 A1 19900816; DE 3904026 C2 19920319; DE 59001478 D1 19930624; DK 0409961 T3 19930614; EP 0409961 A1 19910130; EP 0409961 B1 19930519; ES 2040594 T3 19931016; FI 904977 A0 19901009; FI 91302 B 19940228; FI 91302 C 19940610; WO 9009484 A1 19900823

DOCDB simple family (application)

**US 58515890 A 19901009**; AT 90903358 T 19900212; CA 2028839 A 19900212; DE 3904026 A 19890210; DE 59001478 T 19900212; DK 90903358 T 19900212; EP 9000229 W 19900212; EP 90903358 A 19900212; ES 90903358 T 19900212; FI 904977 A 19901009