

Title (en)

Auxiliary switch for mounting in a circuit breaker or ground fault interruptor or their combination

Title (de)

Hilfsschalter zum Anbau an einen Fehlerstrom- oder Leitungsschutzschalter oder an einen FI-/LS-Schalter

Title (fr)

Interrupteur auxiliaire pour le montage dans un disjoncteur ou interrupteur de fuite à la terre ou leur combinaison

Publication

**EP 1037243 A3 20020102 (DE)**

Application

**EP 00104137 A 20000229**

Priority

DE 19910939 A 19990312

Abstract (en)

[origin: EP1037243A2] The auxiliary switch has a first shaft journal (32) coupled with the selector shaft of a protection switch and a tooth pinion section (34). A second shaft journal (36) has a gearwheel section (35) coupled with the tooth pinion section and a projection (37) received in a recess (39) of a slide (20) such that the rotation of the selector shaft causes rotation of first shaft journal, tooth pinion, gearwheel and second shaft journal for driving the slide.

IPC 1-7

**H01H 71/46**

IPC 8 full level

**H01H 71/46** (2006.01); **H01H 73/04** (2006.01)

CPC (source: EP)

**H01H 71/462** (2013.01); **H01H 73/045** (2013.01)

Citation (search report)

- [XA] DE 3603945 A1 19870813 - SIEMENS AG [DE]
- [AP] EP 0949645 A2 19991013 - ABB ELETTRONCONDUITTURE SPA [IT]
- [A] US 4209761 A 19800624 - KLEIN KEITH W [US], et al
- [A] EP 0454018 A2 19911030 - ABB PATENT GMBH [DE]
- [A] CH 584454 A5 19770131 - BBC BROWN BOVERI & CIE

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19910939 A1 20000914**; EP 1037243 A2 20000920; EP 1037243 A3 20020102; PL 338877 A1 20000925

DOCDB simple family (application)

**DE 19910939 A 19990312**; EP 00104137 A 20000229; PL 33887700 A 20000308