

Title (en)

SWITCHING MECHANISM OF A PROTECTIVE SWITCH

Publication

**EP 0255483 B1 19930310 (DE)**

Application

**EP 87810418 A 19870727**

Priority

CH 299386 A 19860725

Abstract (en)

[origin: EP0255483A2] In a switching mechanism 1 of a protective switch, it is proposed that the bell crank 8 and the tripping lever 10 form such an angle with respect to one another that the resulting force on the latch and on the tripping movement B of the impact armature 14 are both smaller when making contact with the contact parts 3 and 4 than in the fully switched-on state of the protective switch. The individual parts of the switching mechanism 1 are designed to be compatible with automata. A guide clip 12 and a guide 13 in the base part of the housing 2 ensure that the switching mechanism is not tilted, even when the housing is open. <IMAGE>

IPC 1-7

**H01H 71/52**

IPC 8 full level

**H01H 71/52** (2006.01)

CPC (source: EP)

**H01H 71/526** (2013.01)

Cited by

EP1753005A1; DE102005038149A1; US7495189B2

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

**EP 0255483 A2 19880203; EP 0255483 A3 19891213; EP 0255483 B1 19930310**; CH 670330 A5 19890531; DE 3784582 D1 19930415

DOCDB simple family (application)

**EP 87810418 A 19870727**; CH 299386 A 19860725; DE 3784582 T 19870727