

Title (en)

Locking device for an electrical switch

Title (de)

Verklüpfungseinrichtung für einen elektrischen Schalter

Title (fr)

Dispositif d'encliquetage pour un interrupteur électrique

Publication

EP 0854490 A3 20001227 (DE)

Application

EP 98100529 A 19980114

Priority

DE 19701470 A 19970117

Abstract (en)

[origin: DE19701470C1] The arrangement has a contact lever (3) and an elbow joint (2,3) used to effect an over dead point position. The overstroke required to generate contact pressure and overcome tolerances and contact burn-off is produced by a movement which changes the length of one elbow joint arm. The arm of the elbow joint forming a latching lever acts directly on a contact lever rotatably mounted on a fixed axle. A switching lever (1) rotates about an axle (1B) and a latching lever is rotatably mounted in it in a bearing point in the form of an elongated hole.

IPC 1-7

H01H 71/50; **H01H 71/52**

IPC 8 full level

H01H 71/52 (2006.01)

CPC (source: EP)

H01H 71/526 (2013.01)

Citation (search report)

- [YA] DE 3619242 A1 19871210 - KLOECKNER MOELLER ELEKTRIZIT [DE]
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- [A] DE 1908723 A1 19700903 - MAIS ADOLF ROLF
- [A] DE 2132738 B1 19720706 - ELLENBERGER & POENSGEN
- [A] DE 2544470 A1 19770407 - GEYER FA CHRISTIAN
- [AD] DE 3517748 C1 19860227 - LICENTIA GMBH

Cited by

CN106449310A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 19701470 C1 19980102; EP 0854490 A2 19980722; EP 0854490 A3 20001227

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