

Title (en)

Control mechanism for a miniature electric switch.

Title (de)

Steuermechanismus eines elektrischen Kleinschalters.

Title (fr)

Mecanisme de commande d'un disjoncteur électrique miniature.

Publication

EP 0295158 A1 19881214 (FR)

Application

EP 88401151 A 19880511

Priority

FR 8708037 A 19870609

Abstract (en)

Mechanism which comprises a handle (24) coupled to a transmission rod (28) to form a toggle (30), a device for supporting the moving contact (14) having a plate (40) rotatably mounted on a pivot (38), and a mechanical link (48) which can be broken under the action of a trip lever (44, 34). The link (48) is formed by a catch (54) for retaining the trip lever (42) interacting with a hook (50) pivotably mounted on an axle (52) of the plate (40). The rod (28) is directly coupled to the hook (50), the whole constituting a demultiplier stage allowing a reduction in the tripping effort. The bimetallic strip (44) is connected to the trip lever (42) by a rotary slide-valve (60) with one-way transmission. <IMAGE>

IPC 1-7

H01H 71/52

IPC 8 full level

H01H 71/12 (2006.01); **H01H 71/52** (2006.01); **H01H 73/12** (2006.01); **H01H 73/26** (2006.01); **H01H 71/04** (2006.01)

CPC (source: EP US)

H01H 71/526 (2013.01 - EP US); **H01H 71/04** (2013.01 - EP US)

Citation (search report)

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