

Title (en)  
CONTROL MECHANISM FOR A MINIATURE ELECTRIC SWITCH

Publication  
**EP 0295158 B1 19920722 (FR)**

Application  
**EP 88401151 A 19880511**

Priority  
FR 8708037 A 19870609

Abstract (en)  
[origin: EP0295158A1] 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)

Cited by  
EP0577586A1; CN103021746A; EP1096530A3; CN101923992A; CZ300092B6; EP0564380A1; FR2689309A1; FR2766292A1; EP0897188A1; EP0393566A1; FR2646015A1; EP0798756A1; FR2746957A1; TR27123A; EP1995754A1; EP0661724A3; EP0564379A1; FR2689308A1; EP0408466A3; FR2649826A1; EA014194B1; US7839241B2; EP2365510A1; EP3029703A1; WO2016087768A1

Designated contracting state (EPC)  
BE CH DE ES GB IT LI SE

DOCDB simple family (publication)  
**EP 0295158 A1 19881214; EP 0295158 B1 19920722**; AU 1751388 A 19881215; AU 607227 B2 19910228; CA 1327625 C 19940308; CN 1018684 B 19921014; CN 88103427 A 19881228; DE 3872955 D1 19920827; DE 3872955 T2 19930311; ES 2034301 T3 19930401; FR 2616583 A1 19881216; FR 2616583 B1 19950106; HK 41895 A 19950331; IN 171389 B 19920926; JP 2735565 B2 19980402; JP S63313445 A 19881221; PT 87685 A 19890531; PT 87685 B 19930930; TN SN88051 A1 19900710; US 4916420 A 19900410; YU 109388 A 19910228; YU 47468 B 19951003; ZA 883640 B 19881129

DOCDB simple family (application)  
**EP 88401151 A 19880511**; AU 1751388 A 19880608; CA 567239 A 19880519; CN 88103427 A 19880608; DE 3872955 T 19880511; ES 88401151 T 19880511; FR 8708037 A 19870609; HK 41895 A 19950109; IN 347MA1988 A 19880524; JP 13539188 A 19880601; PT 8768588 A 19880608; TN SN88051 A 19880527; US 19490188 A 19880517; YU 109388 A 19880606; ZA 883640 A 19880523