

Title (en)

ELECTRIC SAFETY SWITCH FOR APPARATUS

Publication

EP 0120836 B1 19861029 (DE)

Application

EP 82903043 A 19821011

Priority

- EP 8200224 W 19821011
- EP 82109364 A 19821011

Abstract (en)

[origin: EP0105945A1] In a miniaturised circuit breaker with short-circuit and excess current protection and a signal converter for operating and protecting domestic equipment, office machines, production devices and such like, its switching and release mechanism consists of the combination (mounted on a common axis) of a clamping body (5) with an unlatching lever (4) mounted therein, a swivelling contact piece (6) and a driver lever (14) with the functional involvement of a plurality of spring elements which are arranged at a central point underneath the operating mechanics (1-3) and between the hinged armature system (8) and the bimetallic strips (10) and above the arc extinguishing chamber (12), the (additional) changeover contact device (13) and the various switching connections (15). <IMAGE>

IPC 1-7

H01H 71/52

IPC 8 full level

H01H 71/02 (2006.01); **H01H 71/46** (2006.01); **H01H 71/52** (2006.01); **H01H 71/54** (2006.01); **H01H 73/52** (2006.01)

CPC (source: EP US)

H01H 71/02 (2013.01 - EP US); **H01H 71/0207** (2013.01 - EP US); **H01H 71/46** (2013.01 - EP US); **H01H 71/526** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0105945 A1 19840425; CA 1202653 A 19860401; EP 0120836 A1 19841010; EP 0120836 B1 19861029; JP H0336264 B2 19910530; JP S59501884 A 19841108; US 4559510 A 19851217; WO 8401663 A1 19840426

DOCDB simple family (application)

EP 82109364 A 19821011; CA 438319 A 19831004; EP 8200224 W 19821011; EP 82903043 A 19821011; JP 50307982 A 19821011; US 59556884 A 19840302