

Title (en)
PROTECTIVE SWITCH OPERATED BY EARTH-LEAK CURRENT

Publication
EP 0001058 B1 19810107 (DE)

Application
EP 78100678 A 19780816

Priority
DE 2739632 A 19770902

Abstract (en)
[origin: EP0001058A1] 1. Fault current-safety switch on whose base are arranged a totalizing current transformer (24), a tripping device and a switch lock and whose base accommodates switch contacts (1, 2) which are actuated by a drum switch (13), characterised in that a) in order to actuate the switch contacts (1, 2) there is provided in each case a contact lever (2) which is supported on the base (3) so as to be mobile in tipping fashion and influenced by a spring (5) and the drum switch (13) on its one side and on its other side bears a mobile switch contact piece (1) opposite to which is arranged a stationary contact piece (6) on a runner (7) which is electrically connected to a terminal (8) on its one side and on its other side changes into an external baffle plate (9) of a pile of quenching-plates (10) which are arranged beneath the terminals (8) ; b) a passage to the base (3) is closed by means of a bipartite sealing piece (16) whose one component (17) forms a receptacle (18) which is U-shaped in profile and beside which a small passage remains, and is designed in such manner that it can engage with the base and whose other component (20) covers the remaining passage and possesses a terminal shoulder (21) beside the first component ; and c) a covering cap (25) of the switch housing engages between the beating plates (27) of the switch lock (28), which is secured to its base, via a centering projection (26).

IPC 1-7
H01H 83/02

IPC 8 full level
H01H 83/02 (2006.01)

CPC (source: EP)
H01H 83/02 (2013.01)

Cited by
EP0017818A1; EP0530392A1; WO2013021117A1

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EP 0001058 A1 19790321; EP 0001058 B1 19810107; AT 381185 B 19860910; AT A614378 A 19860115; DE 2739632 B1 19781130; DE 2739632 C2 19801127; DE 2860418 D1 19810226; DK 144200 B 19820111; DK 144200 C 19820607; DK 357178 A 19790303; ES 473037 A1 19790401; GR 71730 B 19830622; IT 1101054 B 19850928; IT 7827142 A0 19780830; JP S5449571 A 19790418

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