

Title (en)
INDICATOR AND ARC FAULT DETECTION DEVICE

Title (de)
ANZEIGEVORRICHTUNG UND BRANDSCHUTZSCHALTER

Title (fr)
DISPOSITIF D'AFFICHAGE ET DISJONCTEUR D'ARC ÉLECTRIQUE

Publication
EP 3048630 B1 20200205 (DE)

Application
EP 15198047 A 20151204

Priority
DE 102015201009 A 20150122

Abstract (en)
[origin: CN105826141A] The invention relates to a display device of a fireproof switch (1) for detecting a faulted arc. The display device has a trigger device (20), which comprises a triggering coil (21) and a triggering guide rod (22) which is movably supported relative to the triggering coil. Through electrification of the triggering coil, the triggering guide rod can be moved from a to-be-triggered position to a triggered position. The display device further comprises a display element (10), which can move from a first position to a second position when the fireproof switch is triggered. Through the triggering guide rod in a to-be-triggered position, the display element is fixed and held at the first position, and the display element is released when the triggering guide rod moves towards the triggered position. When the display element is located at the second position, the triggering guide rod is prevented from resetting from the triggered position to the to-be-triggered position. Through the first position of the display element, the to-be-triggered position of the fireproof switch is shown to a user. Through the second position of the display element, the fireproof switch is notified that triggering is completed due to preset faulted current, that is, the faulted arc.

IPC 8 full level
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CPC (source: CN EP)
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Citation (examination)

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Designated contracting state (EPC)
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