

Title (en)

-BASE PART FOR ELECTRICALLY AND MECHANICALLY RECEIVING AT LEAST ONE SURGE ARRESTER WHICH CAN BE INSERTED IN THE BASE

Title (de)

BASISTEIL ZUR ELEKTRISCHEN UND MECHANISCHEN AUFNAHME MINDESTENS EINES IN DAS BASISTEIL EINSTECKBAREN ÜBERSPANNUNGSABLEITERS

Title (fr)

PIÈCE DE BASE CONÇUE POUR LA RÉCEPTION ÉLECTRIQUE ET MÉCANIQUE D'AU MOINS UN PROTECTEUR DE SURTENSION POUVANT ÊTRE ENFICHÉ DANS LA PIÈCE DE BASE

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Application

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Abstract (en)

[origin: WO2008003532A1] The invention relates to a base part (21) for electrically and mechanically receiving at least one surge arrester (20) that can be inserted in the base. Said base part comprises a U-shaped housing having a bottom or base unit (3) in which a switching device (8) for the display or remote indication of error conditions is arranged. The housing has at least one cutout section accommodating at least one spring-loaded push-pin (1) which is functionally connected to the switching device, said push-pin mechanically contacting the surge arrester or a trigger element present in the arrester when the surge arrester is inserted. The invention is characterized in that the spring-loaded push-pin is movably guided in a lock-in gate of the bottom or base unit, a lower projection (4) which is oriented perpendicular to the direction of travel of the push-pin having a sloping surface that corresponds with a sloping surface of a slide (7) which is arranged in the bottom or base unit (3) so as to be displaceable perpendicular to the direction of movement of the push-pin for converting a movement of the push-pin to a displacing movement that is substantially perpendicular thereto so that the slide can be transferred from a first position to a second position for actuating the switching device. The slide is loaded by a spring element in such a manner that the sloping surfaces non-positively engage with each other.

IPC 8 full level

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