

Title (en)
DEVICE FOR PROTECTING AN ELECTRIC CIRCUIT

Title (de)
SCHUTZVORRICHTUNG FÜR EINE ELEKTRISCHE SCHALTUNG

Title (fr)
DISPOSITIF DE PROTECTION D'UN CIRCUIT ELECTRIQUE

Publication
EP 1258020 A1 20021120 (EN)

Application
EP 00985145 A 20001130

Priority
• EP 0012312 W 20001130
• IT MI992719 A 19991227

Abstract (en)
[origin: WO0148780A1] A device for protecting an electric circuit against a condition of earth leakage current in excess of a preset limit, comprising: an interruption unit, which has at least one fixed contact and one moving contact which can be mutually coupled/uncoupled in order to close/open the circuit; a release unit, which is operatively associated with the interruption unit and comprises a kinematic mechanism which is suitable to open said contacts; a relay, which comprises a case, from which a release pin suitable to actuate said kinematic mechanism protrudes, and actuation means, arranged in the case, which are suitable to actuate the release pin when said condition of earth leakage current exceeding the preset limit occurs; means for adjusting the position of the release pin with respect to the kinematic mechanism; whose particularity consists of the fact that said adjustment means comprise a contoured pin which is operatively associated with said case and is suitable to adjust the position of the release pin with respect to said kinematic mechanism.

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