Title (en)

A DEVICE FOR PROTECTION AGAINST OVERCURRENTS IN ELECTRIC CIRCUITS

Title (de)

ÜBERSTROMSCHUTZVORRICHTUNG FÜR ELEKTRISCHE SCHALTUNGEN

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES COURANTS DE SURCHARGE DANS LES CIRCUITS ELECTRIQUES

Publication

EP 0767981 A1 19970416 (EN)

Application

EP 95922857 A 19950615

Priority

- SE 9500731 W 19950615
- SE 9401379 A 19940422

Abstract (en)

[origin: WO9534931A1] A device for protection against overcurrents in electric circuits. The device comprises at least one electrically conductive elastomeric body (10) and two electrodes (12, 14) which are intended to supply circuit current through said body, and constructed to repel one another under the influence of short circuit currents. Each electrode is in abutment with the elastomeric body at corresponding positions, either directly or through the intermediary of an intermediate part. Abutment pressure is obtained through the medium of a pressure device, so that in the absence of pressure the elastomeric body (10) is deformed by the pressure device at respective abutment sites. The elastomeric body (10) and the electrodes (12, 14) are in respect of their contact areas, located in a liquid environment (44) - which especially can be in paste consistency - with residue solving properties. A contact means, in the form of at least one raster-like layer (20, 22) is arranged so that in contact with at least one electrode and an abutting elastomeric body and/or between two abutting elastomeric bodies, said means will provide an increased contact effect in that the layer will sink into the abutting elastomeric body when pressure is applied.

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IPC 8 full level

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