Title (en)

TRIGGERABLE FUSE FOR LOW VOLTAGE APPLICATIONS

Title (de)

TRIGGERBARE SCHMELZSICHERUNG FÜR NIEDERSPANNUNGSANWENDUNGEN

Title (fr)

CLAQUAGE DU FUSIBLE À DÉCLENCHEMENT DESTINÉ AUX APPLICATIONS BASSE TENSION

Publication

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Application

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Abstract (en)

[origin: WO2018141572A1] The invention relates to a triggered fuse for low-voltage applications for protecting devices that can be connected to a power supply system, in particular surge protection devices, consisting of at least one fusible conductor which is located between two contacts and is arranged in a housing, and also consisting of a trigger device for controlled disconnection of the fusible conductor in the event of malfunctions or overload states of the respective connected device, wherein an arc quenching medium is introduced into the housing. By way of example, an arc quenching medium-free region is formed in the housing such that the at least one fusible conductor is exposed, and a mechanical disconnection element can be introduced into the arc quenching medium-free region via an access point in the housing in order to mechanically destroy the at least one fusible conductor depending on the trigger device, and independently of its melting integral.

IPC 8 full level

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