

Title (en)
FUSE WITH AT LEAST ONE MELTING MEMBER

Title (de)
SICHERUNG MIT MINDESTENS EINEM SCHMELZELEMENT

Title (fr)
FUSIBLE DOTÉ D'AU MOINS UN ÉLÉMENT DE FUSION

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Application
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Abstract (en)
[origin: WO2014065763A2] In order to enable forced interruption of an electric circuit (C) due to various reasons even before the excess current occurs therein, the invention proposes a fuse (1), which comprises at least one melting member (2) and a body (10) consisting of electric insulating material and surrounding said melting member (2) which is adjusted to each nominal value of the electric current (I) and electrically connected with each disposable electric contact terminals (11, 12) which are arranged on the external surface of said body (10) of the fuse (1) and via which said fuse (1) is connectable into each disposable primary electric circuit (C), which is then by means of said fuse (1) protected against excess current, in accordance with the present invention such fuse (1) further comprises a resistor (3), in particular a voltage dependent resistor i.e. a varistor (3), the electric resistance of which is inversely proportional to voltage and electric current to which it is exposed, wherein said resistor (3) is located adjacent to said melting member (2) and in a thermal-conductive relationship with said melting member (2), and wherein said resistor (3) is electrically connected into a secondary electric circuit (C"), which includes at least one switch (4), which can be activated in need and independently on situation within the primary electric circuit (C).

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