

Title (en)

ELECTRICAL CIRCUIT FOR PREVENTING AN ARC ACROSS AN ELECTRICAL CONTACT

Title (de)

ELEKTRISCHE SCHALTUNG ZUR VERMEIDUNG EINES LICHTBOGENS ÜBER EINEM ELEKTRISCHEN KONTAKT

Title (fr)

CIRCUIT ELECTRIQUE PERMETTANT D'EVITER LA FORMATION D'UN ARC ELECTRIQUE AU-DESSUS D'UN CONTACT ELECTRIQUE

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Application

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Abstract (en)

[origin: WO02071429A1] The invention relates to an electrical circuit for preventing an arc across an electrical contact on opening the contact, whereby the electrical circuit comprises a timer which forces a time-delayed increase in the contact voltage in comparison with an unconnected contact. According to the invention, an electrical circuit for preventing an arc across an electrical contact, which very probably restricts the formation of an arc on opening said circuit contact and is furthermore economically produced and may be miniaturised may be achieved, whereby said electrical circuit comprises a transistor, wired in parallel to the circuit contact. Said transistor may be, for example, a power MOSFET, operated in the source circuit, or a Darlington transistor, formed by a bipolar transistor and a field effect transistor.

IPC 8 full level

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