

Title (en)
PROTECTIVE SWITCH DEVICE AND MAGNETIC YOKE

Title (de)
SCHUTZSCHALTGERÄT UND MAGNETJOCH

Title (fr)
APPAREIL DE COMMUTATION DE PROTECTION ET CULASSE MAGNÉTIQUE

Publication
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Application
EP 15167305 A 20150512

Priority
DE 102014215007 A 20140730

Abstract (en)
[origin: CN105321749A] A protective switch device and a magnetic yoke. The protective switch device configured in particular as a lead protection switch according to the invention has an input wiring end and an output wiring end which are configured to be used for contacting the protective switch device with an electrical lead. In addition, the protective switch device has a switch contact part, the switch contact part has on a side thereof a fixed contact part which is fixedly arranged in position and a movable contact part moving relative to the fixed contact part, and the fixed contact part and the movable contact part are so configured that an electric arc is formed between the movable contact part and the fixed contact part under the condition that the conductive switch contact part is disconnected. The protective switch device also has a short circuit triggering system which on a side thereof has a coil and a triggering device movably placed relative to the coil and is configured to act on the movable contact part under a triggering circumstance so as to be cause disconnection of the switch contact part. Hereon, the short circuit triggering system has an integrally formed magnetic yoke having a coupling reigon.

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