

Title (en)
Protective switch device and magnet yoke

Title (de)
Schutzschaltgerät und Magnetjoch

Title (fr)
Appareil de commutation de protection et culasse magnétique

Publication
EP 2685482 B1 20170531 (DE)

Application
EP 13165024 A 20130424

Priority
DE 102012212236 A 20120712

Abstract (en)
[origin: EP2685482A1] The device (1) has input and output terminals contacting the device with an electric line. A switching contact comprises a fixed contact piece (4) relative to a movable contact piece (5). The contact pieces are formed such that a light arc is formed between the contact pieces when opening the contact. The contact is electric conductively connected with the terminals over a current path. A current guide section of the path is formed and cooperates with the arc such that a resulting electromagnetic field is formed in which the arc interacts so as to drive the arc by the contact.

IPC 8 full level
H01H 9/44 (2006.01); **H01H 50/36** (2006.01); **H01H 71/24** (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP)
H01H 9/44 (2013.01); **H01H 50/36** (2013.01); **H01H 73/18** (2013.01); **H01H 2071/249** (2013.01)

Citation (examination)

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- DE 102010036215 A1 20120301 - SIEMENS AG [DE]
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Designated contracting state (EPC)
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EP 13165024 A 20130424; CN 201310292736 A 20130712; DE 102012212236 A 20120712