

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 cooperated 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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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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