

Title (en)

Power switch with extinguishing section for extinguishing an electric arc

Title (de)

Stromschalter mit Löschabschnitt zur Löschung eines Lichtbogens

Title (fr)

Régulateur-disjoncteur avec section d'arrêt pour supprimer un arc électrique

Publication

EP 2696360 B1 20170405 (DE)

Application

EP 13154070 A 20130205

Priority

AT 3182012 U 20120807

Abstract (en)

[origin: EP2696360A1] The switch has a contact body (2) whose switching chamber (4) comprises an extinguishing section (12), where an arc (3) is deflectable in the extinguishing section and formed between contact portions (7) of a contact bridge (1) and a contact piece. The extinguishing section is limited in a longitudinal direction (13) by first and second extinguishing section walls (16, 17) and in a width direction (14) by third and fourth extinguishing section walls (20, 21). The four extinguishing section walls form three closed corners (22) and an open corner (23).

IPC 8 full level

H01H 9/30 (2006.01); **H01H 9/44** (2006.01); **H01H 9/34** (2006.01)

CPC (source: AT EP)

H01H 9/30 (2013.01 - AT); **H01H 9/302** (2013.01 - EP); **H01H 9/443** (2013.01 - EP); **H01H 11/00** (2013.01 - AT); **H01H 9/346** (2013.01 - EP)

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DOCDB simple family (publication)

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