

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)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2696360 A1 20140212; **EP 2696360 B1 20170405**; AT 13887 U1 20141115; CN 103578819 A 20140212; CN 103578819 B 20170412; DK 2696360 T3 20170515; ES 2625203 T3 20170718

DOCDB simple family (application)
EP 13154070 A 20130205; AT 3182012 U 20120807; CN 201310339471 A 20130806; DK 13154070 T 20130205; ES 13154070 T 20130205