

Title (en)
ELECTRICAL SWITCH

Publication
EP 0212983 A3 19890524 (EN)

Application
EP 86306520 A 19860822

Priority
GB 8521140 A 19850823

Abstract (en)
[origin: EP0212983A2] A switch includes first and second contacts (1), (9), each having a substantially rectangular contact area, at least one of the contacts (9) being movable between an open and closed position. The contact area of each of the contacts is provided with contact regions separated by arc rooting zones of high electric field intensity. The contacts are disposed such that on separation thereof each of the contact regions (7; 52, 53, 54) of the first contact (1) are separated from those (10, 11, 12; 56, 57, 58) of the second contact (9) substantially simultaneously. In the event of arcing occurring on separation of the contacts, the arc rooting zones are such that the arcing is encouraged to follow a multiplicity of paths between the contacts. The contacts may consist of finger portions (7) with slots (4), (5) therebetween. Alternatively the arc rooting zones may consist of projections (55) or holes (51).

IPC 1-7
H01H 9/40

IPC 8 full level
H01H 1/06 (2006.01); **H01H 9/40** (2006.01); **H01H 73/04** (2006.01)

CPC (source: EP)
H01H 9/40 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL SE

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