

Title (en)
Electric switch

Title (de)
Elektrischer Schalter

Title (fr)
Commutateur électrique

Publication
EP 0624889 B1 19970730 (DE)

Application
EP 94106939 A 19940504

Priority
DE 4315485 A 19930510

Abstract (en)
[origin: EP0624889A1] An electrical switch has a contact point which is composed of a moving contact piece (12) and a stationary contact piece (13) and is located in an antechamber in front of an arc splitter stack. The stationary contact piece is connected via a connecting conductor (18) to a connecting terminal, the connecting conductor covering the antechamber plate and running partially parallel to that arc guide rail which is opposite the arc guide rail to which the stationary contact piece (13) is fitted. Located between the antechamber and the connecting conductor (18) is an antechamber plate (28) which engages by means of a wall piece (29) into the intermediate space between the subregion (22) and the arc guide rail (26), in order to insulate them from one another. An optimum blowing effect onto the arc (30) during a switching operation is produced as a result of the arrangement of the connecting conductor above the antechamber plate and the parallel-running subregion (22). <IMAGE>

IPC 1-7
H01H 9/44; **H01H 9/46**

IPC 8 full level
H01H 9/44 (2006.01); **H01H 9/46** (2006.01)

CPC (source: EP)
H01H 9/44 (2013.01); **H01H 9/46** (2013.01)

Cited by
AT411408B; DE19524915A1; DE19524915C2

Designated contracting state (EPC)
DE ES FR IT

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EP 0624889 A1 19941117; **EP 0624889 B1 19970730**; DE 4315485 A1 19941117; DE 59403513 D1 19970904; ES 2107704 T3 19971201

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EP 94106939 A 19940504; DE 4315485 A 19930510; DE 59403513 T 19940504; ES 94106939 T 19940504