

Title (en)

ARC CHAMBER FOR AN ELECTRICAL SWITCH DEVICE

Publication

**EP 0492336 A3 19930120 (DE)**

Application

**EP 91121513 A 19911216**

Priority

DE 4041887 A 19901227

Abstract (en)

[origin: EP0492336A2] An arc chamber, especially for an electrical line protection circuit breaker, has two arc splitter rails (15, 18) which are used for guiding an arc (22) which occurs at a contact point (10) when a switching event occurs into an arc extinguishing laminate stack (16). In order to improve the current-limiting capability and the dielectric strength of the installation apparatus, at least one of the arc splitter rails (40, 32) is separated so that, when the arc is burning in the arc extinguishing laminate stack, a further partial arc (41, 36) is drawn between the edges of the gap (40, 32). <IMAGE>

IPC 1-7

**H01H 9/46**

IPC 8 full level

**H01H 9/46** (2006.01)

CPC (source: EP)

**H01H 9/46** (2013.01)

Citation (search report)

- [Y] GB 2169450 A 19860709 - SCHUPA ELEKTRO GMBH & CO KG
- [Y] DE 7015884 U 19710624 - SIEMENS AG [DE]
- [A] US 3325617 A 19670613 - CARTER WILLIAM A
- [A] FR 2357049 A1 19780127 - SIEMENS AG [DE]
- [A] US 1751205 A 19300318 - HELLMUND RUDOLF E

Cited by

DE19810981A1; EP0706245A3; CN107017137A; DE102011102257B4; DE102011123020B3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0492336 A2 19920701; EP 0492336 A3 19930120; DE 4041887 A1 19920702**

DOCDB simple family (application)

**EP 91121513 A 19911216; DE 4041887 A 19901227**