

Title (en)

Interrupting device for high caliber circuit breaker

Title (de)

Unterbrechungsvorrichtung für hochkalibrigen Lastschalter

Title (fr)

Dispositif de coupure pour un disjoncteur électrique à forts calibres

Publication

EP 0817224 B1 20020403 (FR)

Application

EP 97410070 A 19970703

Priority

FR 9608638 A 19960705

Abstract (en)

[origin: EP0817224A1] At the first level, in the compartment (34) near the contacts (17, 18), the arc is laminated at the beginning of the opening of the moving contact (17) so as to turn the arc by upper and lower arc guide horns (28, 30) extending into the second compartment (36). The half-shells have a section standing proud in the second compartment to form a transverse zig-zag between the guides. The extinction chamber (22) is in the third compartment (38) with a first series of decompression holes (44) made in the shells in the neighbourhood of a step with a chamfered edge (48) separating the second and third compartments and opening out before the holes. A gas exit hole (54) lies at the top of the third compartment.

IPC 1-7

H01H 9/34

IPC 8 full level

H01H 9/34 (2006.01)

CPC (source: EP)

H01H 9/346 (2013.01); **H01H 9/342** (2013.01)

Cited by

EP1191560A1; CN106898530A

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0817224 A1 19980107; EP 0817224 B1 20020403; CN 1067487 C 20010620; CN 1174391 A 19980225; DE 69711504 D1 20020508; DE 69711504 T2 20020926; EA 000195 B1 19981224; EA 199700072 A1 19980226; ES 2175313 T3 20021116; FR 2750795 A1 19980109; FR 2750795 B1 19980925

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