

Title (en)

ARC QUENCHING CHAMBER WITH THREE BARRIERS FOR THE PASSAGE OF ARC GASSES

Title (de)

LICHTBOGENLÖSCHKAMMER MIT DREI BARRIEREN FÜR DEN DURCHTRITT VON LICHTBOGENGASEN

Title (fr)

CHAMBRE D'EXTINCTION D'ARC A TROIS BARRIERES DE PASSAGE DES GAZ DE L'ARC

Publication

EP 0752153 B2 20020925 (DE)

Application

EP 95913022 A 19950310

Priority

- DE 9500347 W 19950310
- DE 4410108 A 19940321

Abstract (en)

[origin: DE4410108A1] An arc quenching chamber (1) for a power switch has a shaft-shaped body (6) with quenching baffles (10) and an end body (7) that closes the top of the shaft-shaped body (6). The end body (7) contains three barriers (20, 22, 24) for arc gasses. The first and second barriers (20, 22) have strips (15, 21) with an approximately square cross-section mutually spaced apart by twice the distance between the extinguishing baffles (10). Above the second barrier is located a cooling chamber (25) that is outwardly closed by the third barrier (24) provided with outlets (26).

IPC 1-7

H01H 9/34

IPC 8 full level

H01H 9/34 (2006.01)

CPC (source: EP US)

H01H 9/342 (2013.01 - EP US)

Citation (opposition)

Opponent :

- US 3005892 A 19611024 - YARRICK CHARLES J
- FR 2589624 A1 19870507 - MERLIN GERIN [FR]
- DE 3541514 A1 19870527 - SIEMENS AG [DE]
- DE 2905854 A1 19800821 - TERASAKI DENKI SANGYO KK
- WO 9313538 A1 19930708 - LICENTIA GMBH [DE]
- Catalogue distribution basse tension 92/93 der Firma Merlin Gerin
- Masterpact disjoncteur courant continu de 1000 à 8000A der Firma Merlin Gerin

Designated contracting state (EPC)

DE FR GB IT PT

DOCDB simple family (publication)

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