

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 A1 19970108 (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 (search report)

See references of WO 9526033A1

Designated contracting state (EPC)

DE FR GB IT PT

DOCDB simple family (publication)

DE 4410108 A1 19950928; DE 4410108 C2 19960822; DE 59503170 D1 19980917; EP 0752153 A1 19970108; EP 0752153 B1 19980812; EP 0752153 B2 20020925; JP H09510574 A 19971021; US 5756951 A 19980526; WO 9526033 A1 19950928

DOCDB simple family (application)

DE 4410108 A 19940321; DE 59503170 T 19950310; DE 9500347 W 19950310; EP 95913022 A 19950310; JP 52429095 A 19950310; US 71415896 A 19960923