

Title (en)

Arc control device with arc interruption plates.

Title (de)

Lichtbogenlöschkammer mit Löschblechen.

Title (fr)

Chambre d'extinction d'arc avec plaques d'extinction.

Publication

EP 0382325 B1 19940112 (DE)

Application

EP 90250027 A 19900201

Priority

- DE 3904268 A 19890208
- DE 3912726 A 19890414

Abstract (en)

[origin: EP0382325A1] 2.1 The features of an arc control device are described, which can be used for voltages even above 1000 V with little gas emission and good current limiting. 2.2 The arc control device (4) contains arc interruption plates (7, 7') which have a plurality of notches (15, 15') of equal size and arranged side-by-side. As a result of an offset of the notches (15, 15') in the successive arc interruption plates (7, 7') there appear to be additional notches (17, 18) formed with a depth which is less than that of the actual notches (15). The offset can be produced by means of an asymmetrical arrangement of the notches (15, 15') in the arc interruption plates (7, 7') and the alternately rotated installation, or, in the case of symmetrically arranged notches, by the mutually displaced installation, of successive arc interruption plates (25). 2.3 The arc control device (4) is especially suitable for DC high- speed switches. <IMAGE>

IPC 1-7

H01H 9/36

IPC 8 full level

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CPC (source: EP)

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