

Title (en)

Method for influencing the extinctive capacity of follow-up current of overvoltage arresters and overvoltage arresters using this method

Title (de)

Verfahren zur Beeinflussung des Folgestromlöschvermögens von Funkenstreckenordnungen und Funkenstreckenordnungen hierfür

Title (fr)

Méthode pour influencer la capacité d'extinction de courant de suivi pour dispositifs parafoudres et dispositifs parafoudre utilisant cette méthode

Publication

EP 0789434 B1 20000705 (DE)

Application

EP 96118511 A 19961119

Priority

DE 19604947 A 19960210

Abstract (en)

[origin: EP0789434A1] The control method is used for an overvoltage diverter device having a pair of spaced electrodes (2a,2b) contained within a housing (6) which contains an arc extinction gas, the volume of the interior (1) of the housing matched to the size of the arc current, to obtain a short-term increase in the internal pressure as a result of the arc current between the electrodes. The internal pressure may increase to between 10 and 60 bar, the overvoltage diverter device provided as a module inserted in an outer housing receiving one or more overvoltage diverter devices.

IPC 1-7

H01T 1/02

IPC 8 full level

H01T 1/02 (2006.01)

CPC (source: EP)

H01T 1/02 (2013.01)

Designated contracting state (EPC)

AT CH DE DK FR IT LI SE

DOCDB simple family (publication)

EP 0789434 A1 19970813; EP 0789434 B1 20000705; AT E194438 T1 20000715; DE 19604947 C1 19970710; DE 19655119 C2 20010125; DE 59605543 D1 20000810; DK 0789434 T3 20001113

DOCDB simple family (application)

EP 96118511 A 19961119; AT 96118511 T 19961119; DE 19604947 A 19960210; DE 19655119 A 19960210; DE 59605543 T 19961119; DK 96118511 T 19961119