

Title (en)
OVERVOLTAGE ARRESTER WITH SPARK GAP

Publication
EP 0024584 B1 19841121 (DE)

Application
EP 80104593 A 19800804

Priority
DE 2934236 A 19790824

Abstract (en)
[origin: US4345295A] In an arrester for limiting overvoltages in a low voltage power system and for coupling conductors which are normally resistively separated from one another for lightning protection, which arrester includes at least two electrodes spaced apart to define at least one spark gap forming an arc discharge region, and an insulating member holding the electrodes in spaced-apart relation, there is provided a chamber adjacent the arc discharge region and having a chamber wall of an insulating material which emits a quenching gas under the effect of heat and which is provided with at least one outlet aperture through which the gases emitted under the effect of the heat generated during arc discharge can escape.

IPC 1-7
H01T 1/10

IPC 8 full level
H01T 1/10 (2006.01)

CPC (source: EP US)
H01T 1/10 (2013.01 - EP US)

Cited by
EP0600222A1; EP0789434A1; AU621091B2

Designated contracting state (EPC)
BE CH LI NL

DOCDB simple family (publication)
EP 0024584 A1 19810311; EP 0024584 B1 19841121; CA 1158299 A 19831206; DE 2934236 A1 19810326; DE 2934236 C2 19830224; DK 155479 B 19890410; DK 155479 C 19890904; DK 360080 A 19810225; US 4345295 A 19820817

DOCDB simple family (application)
EP 80104593 A 19800804; CA 358827 A 19800822; DE 2934236 A 19790824; DK 360080 A 19800821; US 17970680 A 19800820