

Title (en)

Alternating current power line insulator with a protective spark arrester.

Title (de)

Wechselstrom-Oberleitungsisolator mit Lichtbogen-Schutzanordnung.

Title (fr)

Isolateur de ligne à courant alternatif muni d'un éclateur de protection.

Publication

EP 0406099 B1 19940323 (FR)

Application

EP 90401827 A 19900626

Priority

FR 8908823 A 19890630

Abstract (en)

[origin: EP0406099A1] Alternating current power line insulator with a protective spark arrester formed from two horns fixed by means of adjustable supports in such a way that the spacing between these horns is well defined, characterised by the fact that between the end (13) of the said insulator (1) intended to be connected to earth and the support for the corresponding horn (7) is interposed a composite follow-current interrupting device (20) comprising, between two metal end-fittings (23, 24), at least one thyristor, the assembly being provided with a casing and a synthetic covering. <IMAGE>

IPC 1-7

H01B 17/46; **H01T 1/16**

IPC 8 full level

H01B 17/46 (2006.01); **H01T 1/16** (2006.01); **H01T 4/14** (2006.01)

CPC (source: EP)

H01B 17/46 (2013.01); **H01C 7/12** (2013.01); **H01T 1/16** (2013.01); **H01T 4/14** (2013.01)

Cited by

EP3073588A1; CN103414108A; US5473116A; EP0506393A3; US5663863A; FR3107809A1; WO2016150709A1; WO2005078461A3; US10672541B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0406099 A1 19910102; **EP 0406099 B1 19940323**; AT E103411 T1 19940415; BR 9003040 A 19910820; DE 69007554 D1 19940428; DE 69007554 T2 19940721; FR 2649243 A1 19910104; FR 2649243 B1 19940429

DOCDB simple family (application)

EP 90401827 A 19900626; AT 90401827 T 19900626; BR 9003040 A 19900629; DE 69007554 T 19900626; FR 8908823 A 19890630