

Title (en)

METHOD OF MAKING A CORONA ELECTRODE AND ELECTRODE MADE BY THIS METHOD

Publication

EP 0273165 B1 19921007 (DE)

Application

EP 87116693 A 19871112

Priority

- DE 3640966 A 19861129
- DE 8632118 U 19861129

Abstract (en)

[origin: US4841409A] A corona discharge electrode has a core made of a malleable, at least partially electrically conductive graphite material. The core is coated by a relatively thin layer of a dielectric material of an oxide free ceramic such as silicon nitride, boron nitride or aluminum nitride. The density of the dielectric layer is at least 95% of the theoretically attainable density.

IPC 1-7

H01T 19/00

IPC 8 full level

H01T 19/00 (2006.01)

CPC (source: EP US)

H01T 19/00 (2013.01 - EP US)

Citation (examination)

- Patent Abstracts of Japan, Band 10, Nr. 327 (P-513), 07.11.86, & JP-A-61 132 966 (KOBE STEEL)
- Patent Abstracts of Japan, Band 3, Nr. 47 (E-105), 20.04.79, & JP-A-54 025 493 (SHARP)
- Patent Abstracts of Japan, Band 9, Nr. 34 (M-357), 14.02.85, & JP-A-59 176 054 (MATSUSHITA)
- Patent Abstracts of Japan, Band 8, Nr. 68 (P-264), 30.03.84 & JP-A-58 215 743 (HITACHI)

Cited by

US10979260B2; US11063798B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0273165 A2 19880706; EP 0273165 A3 19880720; EP 0273165 B1 19921007; DE 3782152 D1 19921112; ES 2035015 T3 19930416; US 4841409 A 19890620

DOCDB simple family (application)

EP 87116693 A 19871112; DE 3782152 T 19871112; ES 87116693 T 19871112; US 12728087 A 19871130