

Title (en)

ELECTRODE FOR PRODUCING A CORONA EFFECT

Title (de)

ELEKTRODE FÜR DIE ERZEUGUNG EINER KORONAENTLADUNG

Title (fr)

ÉLECTRODE POUR LA GÉNÉRATION D'UN EFFET COURONNE

Publication

EP 3871300 B1 20240410 (DE)

Application

EP 19805885 A 20191024

Priority

- DE 102018126843 A 20181026
- DE 2019200120 W 20191024

Abstract (en)

[origin: WO2020083448A1] An electrode (1) for producing a corona effect consists of an electrically conductive metal core (2) which is inserted into a dielectric ceramic casing (3). In order to fasten the core (2) in the casing (3), a hold-down element in the form of a tube (5) is inserted into the casing, which hold-down element is supported against the upper face of the core (2) and against the roof of the casing (3) at three contact lines (9, 10, 11). The hold-down element can deform in the event of heating such that the forces at the contact lines (10, 11, 12) are not increased and the brittle material of the casing (3) is prevented from being forced open.

IPC 8 full level

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CPC (source: EP)

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