

Title (en)
LIGHTNING-PROTECTION SPARK GAP

Title (de)
BLITZSCHUTZ-FUNKENSTRECKE

Title (fr)
ÉCLATEUR À ÉTINCELLE DE PROTECTION CONTRE LA FOUDRE

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Application
EP 20734723 A 20200624

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Abstract (en)
[origin: WO2020260400A1] The present invention provides a lightning-protection spark gap with a first diverging electrode (3a), which has a first outer side (Aa) and a first inner side (1a), and a second diverging electrode (3b), which has a second outer side (Ab) and a second inner side (1b), wherein the first and the second diverging electrodes (3a, 3b) are formed from a conductive basic material which has a first electrical conductivity, wherein an ignition region (Z) and an adjoining propagation region (L) for an arc are formed between the first inner side (1a) of the first diverging electrode (3a) and the second inner side (1b) of the second diverging electrode (3b), wherein a conductive layer (6a, 6b) composed of a conductive material with a second electrical conductivity is applied to the basic material at least in regions at least in the propagation region (L) of one of the first and the second diverging electrodes (3a, 3b), and wherein the second electrical conductivity is higher than the first electrical conductivity.

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