

Title (en)

CAPACITIVE GRADED HIGH VOLTAGE BUSHING

Title (de)

KAPAZITIV ABGESTUFTE HOCHSPANNUNGSDURCHFÜHRUNG

Title (fr)

TRAVERSÉE HAUTE TENSION À GRADIENT CAPACITIF

Publication

EP 3576108 B1 20230510 (EN)

Application

EP 18175557 A 20180601

Priority

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Abstract (en)

[origin: EP3576108A1] The present invention concerns a capacitive graded bushing (1) for high electric voltage comprising:- an insulator (11) comprising an insulator chamber (111) for receiving an electrical conductor (13) and insulating matter (12);- the electrical conductor (13) located within the bushing (1) and extending through the insulator chamber (111);- the insulating matter (12) surrounding the electrical conductor (13) and comprising several concentric (cylindrical) conductive layers (121) surrounding the electrical conductor (13) for forming a uniform core insulation called hereafter capacitive graded core (16);characterized in that a dielectric insulation material (12) impregnated with an ester liquid is placed between two successive conductive layers (121).

IPC 8 full level

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CPC (source: EP)

H01B 3/20 (2013.01); **H01B 17/28** (2013.01); **H01B 17/34** (2013.01)

Cited by

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