

Title (en)

A bushing for a power system and system comprising such a bushing

Title (de)

Durchführung für ein Stromsystem und System mit solch einer Durchführung

Title (fr)

Traversée pour un système d'alimentation et système comportant une telle traversée

Publication

EP 2624259 B1 20190717 (EN)

Application

EP 12153843 A 20120203

Priority

EP 12153843 A 20120203

Abstract (en)

[origin: EP2624259A1] It is presented a bushing (1) comprising a condenser core (3) arranged to house an electrical conductor (15) along a central axis (X) of the condenser core (3), wherein the condenser core (3) has a tapering end portion (3-2a) arranged to be in contact with a fluid dielectric having higher dielectric withstand strength than air, the tapering end portion (3-2a) presenting a surface having a first portion (4-1) with a first inclination (I-1) in the axial direction and a second portion (4-2) with a second inclination (I-2) in the axial direction, which second inclination (I-2) differs from the first inclination (I-1), wherein the first portion (4-1) and the second portion (4-2) define planes that intersect the central axis (X). A system comprising such a bushing is also presented herein.

IPC 8 full level

H01B 17/28 (2006.01); **H01F 27/04** (2006.01)

CPC (source: EP)

H01B 17/28 (2013.01); **H01F 27/04** (2013.01)

Citation (examination)

- GB 290651 A 19290425 - ASS ELECT IND
- US 3394455 A 19680730 - GRIMMER ELMER J

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2624259 A1 20130807; EP 2624259 B1 20190717; EP 2624259 B8 20190911; BR 112014018758 A2 20170620;
BR 112014018758 A8 20170711; BR 112014018758 B1 20220201; CN 104081474 A 20141001; CN 104081474 B 20161005;
WO 2013113783 A1 20130808

DOCDB simple family (application)

EP 12153843 A 20120203; BR 112014018758 A 20130131; CN 201380007796 A 20130131; EP 2013051850 W 20130131