

Title (en)
HIGH-VOLTAGE INSULATOR

Title (de)
HOCHSPANNUNGSISOLATOR

Title (fr)
ISOLATEUR HAUTE TENSION

Publication
EP 3109867 B1 20170830 (DE)

Application
EP 16171528 A 20160526

Priority
DE 102015211939 A 20150626

Abstract (en)
[origin: CA2933882A1] A high-voltage insulator has an insulating body which is arranged around a high-voltage conductor. The high-voltage insulator has a damping chamber which at least partially engages around the insulating body and which is filled with an electrically insulating damping medium for damping an action of external mechanical force on the insulating body. A transformer bushing for routing a high-voltage conductor out of a transformer housing in an electrically insulating manner is further disclosed. The transformer bushing is characterized in that the transformer bushing contains a high-voltage insulator.

IPC 8 full level
H01B 17/28 (2006.01); **H01B 17/32** (2006.01)

CPC (source: EP US)
H01B 3/12 (2013.01 - EP US); **H01B 3/30** (2013.01 - EP US); **H01B 7/0225** (2013.01 - US); **H01B 7/189** (2013.01 - US);
H01B 17/26 (2013.01 - US); **H01B 17/28** (2013.01 - EP US); **H01B 17/32** (2013.01 - EP US); **H01F 27/04** (2013.01 - EP US)

Cited by
WO2019020311A1; US11469014B2

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 3109867 A1 20161228; **EP 3109867 B1 20170830**; CA 2933882 A1 20161226; CA 2933882 C 20190226; DE 102015211939 A1 20161229;
US 2016379736 A1 20161229; US 9837184 B2 20171205

DOCDB simple family (application)
EP 16171528 A 20160526; CA 2933882 A 20160623; DE 102015211939 A 20150626; US 201615193166 A 20160627