

Title (en)

POWER DEVICE WITH INSULATION COMPOSITION SHOWING THERMO-REVERSIBLE OIL-TO-GEL-TRANSITION

Title (de)

LEISTUNGSVORRICHTUNG MIT ISOLIERUNGSZUSAMMENSETZUNG MIT THERMO-REVERSIBLEM ÖL-ZU-GEL-ÜBERGANG

Title (fr)

DISPOSITIF DE PUISSANCE AYANT UNE COMPOSITION D'ISOLATION MONTRANT UNE TRANSITION HUILE-GEL THERMO-RÉVERSIBLE

Publication

EP 3544031 B1 20220504 (EN)

Application

EP 18162464 A 20180319

Priority

EP 18162464 A 20180319

Abstract (en)

[origin: EP3544031A1] An electrical power device is provided, which comprises an element producing heat during operation; and an enclosure holding an insulation composition, which is in thermal contact with the element, wherein the insulation composition comprises: an ester oil, and a polymer. Further, a method of treating a leak in a power device having an enclosure holding such an insulation composition is provided.

IPC 8 full level

H01F 27/12 (2006.01); **H01B 3/20** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

H01F 27/12 (2013.01); **H01F 27/321** (2013.01); **H01B 3/20** (2013.01); **H01B 3/30** (2013.01)

Cited by

US2023121933A1; US11769608B2; WO2023274498A1

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 3544031 A1 20190925; EP 3544031 B1 20220504

DOCDB simple family (application)

EP 18162464 A 20180319