

Title (en)

Feedthrough for high voltage discharge lines in oil transformers

Title (de)

Durchführung für Hochspannungsausleitungen in Öltransformatoren

Title (fr)

Douille de traversée pour lignes de haute tension dans des transformateurs d'huile

Publication

EP 2442321 B1 20121205 (DE)

Application

EP 10187704 A 20101015

Priority

EP 10187704 A 20101015

Abstract (en)

[origin: EP2442321A1] The calotte (10) has hollow-cylindrical electrically conductive elements (12, 14) arranged around a rotational axis (20). Isolation barriers (30, 34, 38) are adapted to a form of the hollow-cylindrical element, and include flanged socket supports (30, 32) for feedthrough of a shielding pipe (26) to connection devices. The isolation barriers are spaced by isolation rings (42, 44, 46) that are arranged around the rotational axis, where the rings exhibit a wave form flattened in a radial direction.

IPC 8 full level

H01F 27/04 (2006.01)

CPC (source: EP KR US)

H01F 27/02 (2013.01 - KR); **H01F 27/04** (2013.01 - EP US); **H01F 27/12** (2013.01 - KR)

Cited by

WO2017186751A1

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 2442321 A1 20120418; EP 2442321 B1 20121205; BR PI1106207 A2 20130129; CN 102456469 A 20120516; CN 102456469 B 20160406; HR P20130189 T1 20130331; KR 20120039494 A 20120425; RU 2011141754 A 20130420; US 2012090891 A1 20120419; US 8653367 B2 20140218

DOCDB simple family (application)

EP 10187704 A 20101015; BR PI1106207 A 20111014; CN 201110335810 A 20111014; HR P20130189 T 20130304; KR 20110105286 A 20111014; RU 2011141754 A 20111014; US 201113273941 A 20111014