Title (en)

HOLDING DEVICE FOR A CAST RESIN TRANSFORMER WINDING

Title (de)

HALTEVORRICHTUNG FÜR EINE GIESSHARZTRANSFORMATOREN-WICKLUNG

Title (fr)

DISPOSITIF DE RETENUE POUR UN ENROULEMENT DE TRANSFORMATEURS À IMPRÉGNATION INTÉGRALE DE RÉSINE

Publication

EP 2345049 A1 20110720 (DE)

Application

EP 09737387 A 20091005

Priority

- EP 2009062910 W 20091005
- DE 102008055882 A 20081103

Abstract (en)

[origin: WO2010060672A1] The invention relates to a holding device for fastening a cast resin transformer winding relative to a transformer core having a support element and a receiving element attached to a tie rod. By fastening the support element to the receiving element attached to the tie rod, a cast resin transformer winding can be fixed rigidly and precisely centered relative to a transformer core. By attaching the receiving element directly on the tie rod, circulation in the lower region of the cast resin transformer winding or of an insulating cylinder also attached to the support element is ensured and thereby the thermal properties of a cast resin transformer winding produced in this way are improved. Furthermore a modular and thus simple design of the cast resin transformer is possible due to the possibility of connecting the receiving element to the tie rod by way of the support element.

IPC 8 full level

H01F 27/30 (2006.01); **H01F 27/26** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP US)

H01F 27/306 (2013.01 - EP US); H01F 27/263 (2013.01 - EP US); H01F 27/327 (2013.01 - EP US)

Citation (search report)

See references of WO 2010060672A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008055882 A1 20100506; BR PI0921440 A2 20160105; BR PI0921440 B1 20190306; BR PI0921440 B8 20230425; CN 102203889 A 20110928; CN 102203889 B 20130424; DK 2345049 T3 20180122; EP 2345049 A1 20110720; EP 2345049 B1 20171129; MX 2011003222 A 20110421; PL 2345049 T3 20180530; RU 2011116050 A 20121210; RU 2483381 C2 20130527; UA 98272 C2 20120425; US 2011210812 A1 20110901; WO 2010060672 A1 20100603

DOCDB simple family (application)

DE 102008055882 A 20081103; BR PI0921440 A 20091005; CN 200980143158 A 20091005; DK 09737387 T 20091005; EP 09737387 A 20091005; EP 2009062910 W 20091005; MX 2011003222 A 20091005; PL 09737387 T 20091005; RU 2011116050 A 20091005; UA A201105520 A 20091005; US 200913127272 A 20091005