

Title (en)

Multiphase dry-type transformer with at least two coils

Title (de)

Mehrphasiger Trocken-Transformator mit mindestens zwei Spulen

Title (fr)

Transformateur multiphasé doté d'au moins deux bobines

Publication

EP 2405451 B1 20180124 (DE)

Application

EP 10007133 A 20100710

Priority

EP 10007133 A 20100710

Abstract (en)

[origin: EP2405451A1] The transformer has intermediate-phase barriers (4) made of an electrically insulating material and arranged in an intermediate space between coils (1-3). The barriers are formed as plate-shaped barriers in form of linear, planar and rectangular plates. Creepage path projections are arranged at outer edges of the barriers that are formed as a single-piece molded part with the projections. The barriers are connected with each other by a spacer that is made of an electrically insulating material. A groove is closed on one side for locking a corner area of the barriers.

IPC 8 full level

H01F 5/06 (2006.01); **H01F 27/32** (2006.01); **H01F 30/12** (2006.01)

CPC (source: EP KR US)

H01F 5/06 (2013.01 - EP US); **H01F 27/32** (2013.01 - KR); **H01F 27/324** (2013.01 - EP US); **H01F 30/12** (2013.01 - EP US)

Cited by

DE102016125112A1

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2405451 A1 20120111; **EP 2405451 B1 20180124**; BR 112013000645 A2 20160531; BR 112013000645 B1 20200227; CN 102971810 A 20130313; ES 2666328 T3 20180504; KR 101825984 B1 20180208; KR 20130098892 A 20130905; US 2013127582 A1 20130523; US 9214265 B2 20151215; WO 2012007101 A1 20120119

DOCDB simple family (application)

EP 10007133 A 20100710; BR 112013000645 A 20110628; CN 201180034192 A 20110628; EP 2011003160 W 20110628; ES 10007133 T 20100710; KR 20127032977 A 20110628; US 201313737705 A 20130109