

Title (en)

OPTIMIZED TRANSFORMER, IN PARTICULAR FOR CARRYING OUT DIELECTRIC TESTS

Title (de)

OPTIMISierter TRANSFORMATOR, IM BESONDEREN ZUR AUSFÜHRUNG DIELEKTRISCHER PRÜFUNGEN

Title (fr)

TRANSFORMATEUR OPTIMISÉ, EN PARTICULIER POUR RÉALISER DES ESSAIS DIÉLECTRIQUES

Publication

**EP 2272073 B1 20150429 (EN)**

Application

**EP 09738584 A 20090430**

Priority

- IT 2009000200 W 20090430
- IT VI20080102 A 20080430

Abstract (en)

[origin: WO2009133584A1] An optimized transformer (1), in particular for carrying out dielectric tests, comprising a containment case (2) which is placed on a support structure, a magnetic core (3) placed inside the containment case (2), a primary winding (4), coupled with the magnetic core (3) and a secondary winding (6), magnetically coupled with the primary winding (4) through the magnetic core (3). At least one between the primary winding (4) and the secondary winding (6) comprises a plurality of layers (8) facing one another, defining linear directions (Y) substantially parallel each other, each layer (8) including a plurality of elementary coils independent one from another, electrically connected each other.

IPC 8 full level

**H01F 27/36** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP US)

**H01F 27/324** (2013.01 - EP); **H01F 27/363** (2020.08 - EP US); **H01F 27/322** (2013.01 - EP); **H01F 27/323** (2013.01 - EP); **H01F 27/36** (2013.01 - EP)

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 TR

DOCDB simple family (publication)

**WO 2009133584 A1 20091105**; EP 2272073 A1 20110112; EP 2272073 B1 20150429; IT VI20080102 A1 20091101

DOCDB simple family (application)

**IT 2009000200 W 20090430**; EP 09738584 A 20090430; IT VI20080102 A 20080430