

Title (en)

OPTIMIZED SHIELDED TRANSFORMER, IN PARTICULAR FOR CARRYING OUT DIELECTRIC TESTS

Title (de)

TRANSFORMATOR MIT EINER OPTIMIERTE ABSCHIRMUNG, INSBESONDERE ZUR DURCHFÜHRUNG VON DIELEKTRISCHER TESTS

Title (fr)

TRANSFORMATEUR BLINDÉ OPTIMISÉ, NOTAMMENT POUR RÉALISER DES ESSAIS DIÉLECTRIQUES

Publication

EP 2289080 B1 20150225 (EN)

Application

EP 09754361 A 20090430

Priority

- IT 2009000199 W 20090430
- IT VI20080124 A 20080528

Abstract (en)

[origin: WO2009144759A1] An optimized shielding 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) positioned 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). The transformer (1) includes a shaped protection screen (8), facing the primary winding (4) and provided with a metallic outer surface (8a) which splits up in uniform and capacitive way on the primary winding (4) a possible voltage impulse which affects the shaped screen (8) itself.

IPC 8 full level

H01F 27/32 (2006.01); **H01F 27/28** (2006.01); **H01F 27/36** (2006.01); **H01F 30/10** (2006.01)

CPC (source: EP US)

H01F 27/321 (2013.01 - EP); **H01F 27/363** (2020.08 - EP US); **H01F 27/2885** (2013.01 - EP); **H01F 27/36** (2013.01 - EP); **H01F 30/10** (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 2009144759 A1 20091203; EP 2289080 A1 20110302; EP 2289080 B1 20150225; IT VI20080124 A1 20091129

DOCDB simple family (application)

IT 2009000199 W 20090430; EP 09754361 A 20090430; IT VI20080124 A 20080528