

Title (en)
ELECTRICAL TRANSFORMER FOR REMOTE HIGH VOLTAGE DEVICES

Title (de)
ELEKTRISCHER TRANSFORMATOR FÜR ENTFERNTTE HOCHSPANNUNGSVORRICHTUNGEN

Title (fr)
TRANSFORMATEUR ÉLECTRIQUE POUR DES ÉQUIPEMENTS HAUTE TENSION DISTANTS

Publication
EP 3394867 B1 20200205 (FR)

Application
EP 16825455 A 20161206

Priority
• FR 1563062 A 20151222
• FR 2016053224 W 20161206

Abstract (en)
[origin: WO2017109317A1] The invention relates to an electrical transformer (1) comprising a cable (11) including: a central section (2), an intermediate section (3) and a peripheral section (4), the central section (2) comprising a first winding (21) of a primary circuit and a first winding of a secondary circuit (22), and a first insulation layer (23) between said winding of the primary circuit and said winding of the secondary circuit, the intermediate section (3) surrounding the central section (2) and comprising a magnetic core (31), the peripheral section (4) surrounding the intermediate section (3) and comprising a second winding (41) of the primary circuit and a second winding (42) of the secondary circuit, and a second insulation layer (43) between said winding of the primary circuit and said winding of the secondary circuit; electrical connections (51, 52) between the first and second windings of the primary circuit and between the first and second windings of the secondary circuit.

IPC 8 full level
H01F 27/32 (2006.01); **H01F 30/06** (2006.01); **H01F 30/10** (2006.01)

CPC (source: EP KR)
H01F 27/324 (2013.01 - EP KR); **H01F 30/10** (2013.01 - EP KR); **H01F 2027/2833** (2013.01 - EP KR)

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)
FR 3045925 A1 20170623; **FR 3045925 B1 20180216**; CN 108463861 A 20180828; EP 3394867 A1 20181031; EP 3394867 B1 20200205; ES 2773516 T3 20200713; JP 2019503074 A 20190131; KR 20180095074 A 20180824; PL 3394867 T3 20200713; WO 2017109317 A1 20170629

DOCDB simple family (application)
FR 1563062 A 20151222; CN 201680079062 A 20161206; EP 16825455 A 20161206; ES 16825455 T 20161206; FR 2016053224 W 20161206; JP 2018532195 A 20161206; KR 20187020919 A 20161206; PL 16825455 T 20161206