

Title (en)
Medium frequency transformer

Title (de)
Mittelfrequenz-Transformator

Title (fr)
Transformateur à fréquence moyenne

Publication
EP 2696358 B1 20181010 (DE)

Application
EP 12005803 A 20120810

Priority
EP 12005803 A 20120810

Abstract (en)
[origin: EP2696358A1] The transformer has housings (200,201) inside which winding chambers (1-3) provided with primary and secondary windings (31,32) are arranged. The winding chambers are filled with an insulating fluid (87-91), and the housings are partially filled with insulating fluid so that the windings are surrounded by insulating fluid. The winding chambers are closed and separated from one another by using insulating partition wall (5,6). Isolation barriers made of solid insulation is formed within the housing for dividing the insulating fluid.

IPC 8 full level
H01F 27/32 (2006.01)

CPC (source: EP US)
H01F 5/06 (2013.01 - US); **H01F 27/02** (2013.01 - US); **H01F 27/06** (2013.01 - US); **H01F 27/08** (2013.01 - US); **H01F 27/10** (2013.01 - US); **H01F 27/321** (2013.01 - EP US); **H01F 30/10** (2013.01 - US)

Cited by
DE102018202245A1; CN117059371A; CN105676089A; EP3910654A1; EP3629349A1; CN113921242A; EP4099347A1; US12051537B2; WO2020064514A1; WO2022253918A1

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)
EP 2696358 A1 20140212; EP 2696358 B1 20181010; CN 103578715 A 20140212; CN 103578715 B 20170609; ES 2705048 T3 20190321; JP 2014039031 A 20140227; US 2014159846 A1 20140612; US 9437356 B2 20160906

DOCDB simple family (application)
EP 12005803 A 20120810; CN 201310325712 A 20130730; ES 12005803 T 20120810; JP 2013167306 A 20130812; US 201313935141 A 20130703