

Title (en)
SECONDARY DISTRIBUTION NETWORK TRANSFORMER

Title (de)
ORTSNETZ-TRANSFORMATOR

Title (fr)
TRANSFORMATEUR DE RÉSEAU LOCAL

Publication
EP 2831894 B1 20181226 (DE)

Application
EP 13720298 A 20130423

Priority
• DE 102012207800 A 20120510
• EP 2013058372 W 20130423

Abstract (en)
[origin: WO2013167372A1] A secondary distribution network transformer for supplying power to the secondary distribution network is specified, having: - an active part with primary and secondary windings for transforming a primary medium voltage into a secondary distribution network voltage, wherein the active part is arranged in a transformer tank with cooling and insulating fluid; - a plurality of switching devices for adjusting the ratio between the primary voltage and the secondary voltage, wherein the switching devices on the secondary side are switched between taps of the secondary-side windings and the neutral point of the secondary-side windings and wherein the switching devices in the transformer tank are arranged in the area of the cooling and insulating fluid in the active part underneath the windings.

IPC 8 full level
H01F 27/12 (2006.01); **H01F 29/02** (2006.01)

CPC (source: EP)
H01F 27/12 (2013.01); **H01F 29/025** (2013.01); **H01F 29/04** (2013.01)

Cited by
WO2021001028A1

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)
WO 2013167372 A1 20131114; CN 104272405 A 20150107; DE 102012207800 A1 20131114; EP 2831894 A1 20150204;
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EP 2013058372 W 20130423; CN 201380023511 A 20130423; DE 102012207800 A 20120510; EP 13720298 A 20130423