

Title (en)  
Transformer and method for manufacturing a transformer

Title (de)  
Transformator und Verfahren zur Herstellung eines Transformators

Title (fr)  
Transformateur et procédé de fabrication d'un transformateur

Publication  
**EP 2645384 B1 20181114 (DE)**

Application  
**EP 12161388 A 20120327**

Priority  
EP 12161388 A 20120327

Abstract (en)  
[origin: EP2645384A1] The transformer (T) has a high voltage primary winding (4) i.e. layer winding, and a low voltage secondary winding i.e. traction secondary winding (3), provided in a pipe winding arrangement. A shielding cylinder (6) is concentrically arranged between the primary winding and the secondary winding. The shielding cylinder includes an electrically conductive shielding layer (6.3), which is approximately concentric to a cylinder casing surface. The shielding layer is electrically connected with a ground contact of the transformer, and provided with a ring band and an elongate band. An independent claim is also included for a method for manufacturing a transformer.

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 27/36** (2006.01)

CPC (source: EP US)  
**H01F 27/288** (2013.01 - EP); **H01F 27/36** (2013.01 - EP); **H01F 27/363** (2020.08 - EP US)

Cited by  
CN105097253A; CN107978441A; CN104916413A; CN103996507A; WO2024104618A1

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 2645384 A1 20131002**; **EP 2645384 B1 20181114**; CN 104170035 A 20141126; CN 104170035 B 20161102; PL 2645384 T3 20190531; WO 2013143865 A1 20131003

DOCDB simple family (application)  
**EP 12161388 A 20120327**; CN 201380015198 A 20130314; EP 2013055247 W 20130314; PL 12161388 T 20120327