

Title (en)
WINDING ASSEMBLY FOR A TRANSFORMER AND METHOD FOR MANUFACTURING A WINDING ASSEMBLY FOR A TRANSFORMER

Title (de)
WICKLUNGSANORDNUNG FÜR EINEN TRANSFORMATOR UND VERFAHREN ZUR HERSTELLUNG EINER WICKLUNGSANORDNUNG FÜR EINEN TRANSFORMATOR

Title (fr)
ENSEMBLE D'ENROULEMENT POUR UN TRANSFORMATEUR ET PROCÉDÉ DE FABRICATION D'UN ENSEMBLE D'ENROULEMENT POUR UN TRANSFORMATEUR

Publication
EP 4386787 A1 20240619 (EN)

Application
EP 22213156 A 20221213

Priority
EP 22213156 A 20221213

Abstract (en)
The present disclosure relates to a winding assembly (110) for a transformer (10) including at least one first winding (112) configured to be wound about a core (14) of the transformer (10), at least one second winding (118) configured to be wound around the first winding (112), the first winding (112) and the second winding (118) being spaced apart from each other in a radial direction (R) by at least one gap (122), and at least one securing device (126) connected to the first winding (112) and the second winding (118) by a material-bond (128) to secure the first winding (112) to the second winding (118) to reduce movement of the first winding (112) and the second winding (118) relative to each other, the securing device (126) being arranged in the gap (122) to partially occupy the gap (122). The present disclosure also relates to a method for manufacturing a winding assembly (110).

IPC 8 full level
H01F 27/30 (2006.01); **H01F 41/04** (2006.01); **H01F 27/08** (2006.01)

CPC (source: EP)
H01F 27/303 (2013.01); **H01F 41/04** (2013.01); **H01F 27/08** (2013.01); **H01F 27/306** (2013.01)

Citation (search report)

- [X] CN 206353477 U 20170725 - JINGZHOU JIANGLING SHENDA ELECTRIC CO LTD
- [X] JP 5362756 B2 20131211
- [X] WO 9216955 A1 19921001 - SIEMENS AG [DE]
- [X] CH 664844 A5 19880331 - ELIN UNION AG

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4386787 A1 20240619; WO 2024126462 A1 20240620

DOCDB simple family (application)
EP 22213156 A 20221213; EP 2023085297 W 20231212