

Title (en)  
HIGH-VOLTAGE ELECTRICAL TRANSFORMER WITH INSULATING HOUSING

Title (de)  
ELEKTRISCHER HOCHSPANNUNGSTRANSFORMATOR MIT ISOLIERGEHÄUSE

Title (fr)  
TRANSFORMATEUR ELECTRIQUE HAUTE TENSION A BOITIER ISOLANT

Publication  
**EP 3535767 A1 20190911 (FR)**

Application  
**EP 17797709 A 20171030**

Priority  
• FR 1660601 A 20161102  
• FR 2017052988 W 20171030

Abstract (en)  
[origin: WO2018083409A1] The invention provides a high-voltage electrical transformer including: - a magnetic circuit (20); - at least one primary winding (22) and at least one secondary winding (24), each including at least one conductor which is wound in the form of turns around the magnetic circuit (20); - an electrically insulating housing (26) which encapsulates the magnetic circuit (20) and which has an outer envelope surface (28) on which the primary and secondary winding are wound and an inner envelope surface which defines an inner volume in which the magnetic circuit (20) is accommodated, characterized in that each turn of a winding (22, 24) is accommodated in a winding groove which is formed in the outer envelope surface (28) of the insulating housing (26), and in that each winding groove is provided with a conductive groove layer.

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Citation (search report)  
See references of WO 2018083409A1

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