

Title (en)

Method for manufacturing an uv-cured coil of a transformer

Title (de)

Procédé de fabrication d'une bobine durcie aux UV d'un transformateur

Title (fr)

Verfahren zur Herstellung einer UV-ausgehärteten Spule eines Transformators

Publication

**EP 2372724 A1 20111005 (EN)**

Application

**EP 10157476 A 20100324**

Priority

EP 10157476 A 20100324

Abstract (en)

The present invention is concerned with the curing of coils of a transformer, and particular with improving the curing of coils of a transformer. A method (100) of manufacturing a coil body of a transformer utilizing UV-curing is provided comprising the steps of providing fibres (202), impregnating the fibres (202) with an UV-curable matrix (203) by an impregnation device (201, 101), forming a tubular coil body of a transformer by using the fibres (202, 102), and curing the UV-curable matrix (203) by exposing the impregnated fibres (202) to UV-radiation (206) emitted from an UV-light source (205, 103).

IPC 8 full level

**H01B 19/00** (2006.01); **H01F 5/06** (2006.01); **H01F 6/06** (2006.01)

CPC (source: EP)

**H01F 27/325** (2013.01); **H01F 41/098** (2016.01)

Citation (search report)

- [Y] WO 9933073 A1 19990701 - SIEMENS AG [DE], et al
- [Y] WO 2004086429 A1 20041007 - KOMPOZITOR MUANYAGIPARI FEJLES [HU], et al
- [Y] JP S54124070 A 19790926 - MITSUBISHI ELECTRIC CORP

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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