

Title (en)

Method for manufacturing an uv-cured composite insulator

Title (de)

Verfahren zur Herstellung eines UV-ausgehärteten Verbundstoffisolators

Title (fr)

Procédé de fabrication d'un isolant composite durci aux UV& xA;

Publication

**EP 2372723 A1 20111005 (EN)**

Application

**EP 10157455 A 20100324**

Priority

EP 10157455 A 20100324

Abstract (en)

The present invention is concerned with the curing of electrical insulators, and particular with improving the curing of electrical insulators. A method (100) of manufacturing an electrical insulator for high voltage or high current applications 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 electrical insulator 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)

CPC (source: EP)

**H01B 3/48** (2013.01); **H01B 19/02** (2013.01); **H01F 5/06** (2013.01)

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)

AL BA ME RS

DOCDB simple family (publication)

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