Title (en)

DEVICE FOR IMPROVING THE ELECTRICAL PROPERTIES OF A COATING OF A CONDUCTOR OR THE LIKE BY INSULATING MATERIALS, AND METHOD FOR USING SAID DEVICE

Title (de)

VORRICHTUNG ZUR VERBESSERUNG DER ELEKTRISCHEN EIGENSCHAFTEN EINER BESCHICHTUNG VON ELEKTRISCHEN LEITERN DURCH ISOLIERSUBSTRATE, SOWIE VERFAHREN ZUR ANWENDUNG EINER DERARTIGEN VORRICHTUNG

Title (fr)

DISPOSITIF POUR AMÉLIORER LES PROPRIÉTÉS ÉLECTRIQUES D'UN REVÊTEMENT D'UN CONDUCTEUR OU ANALOGUE AU MOYEN DE MATÉRIAUX ISOLANTS, ET PROCÉDÉ D'UTILISATION DE CE DISPOSITIF

Publication

EP 2663983 A2 20131120 (DE)

Application

EP 12706448 A 20120112

Priority

- DE 102011008656 A 20110114
- DE 102012000121 A 20120105
- DE 102012000132 A 20120105
- DE 102012000125 A 20120105
- DE 102012000122 A 20120105
- EP 2012000139 W 20120112

Abstract (en)

[origin: WO2012095321A2] The invention relates to a device for improving the dielectric strength of an insulating substrate on the surface of an electric conductor, a device being mounted downstream of the coating device of the conductor, which device achieves an alignment of the molecules and/or nanoparticles or the like of the still liquid insulation substrate by exposing the device to a high voltage. The invention also relates to a method for using said device, whereby a symmetric anisotropic alignment of the molecules and/or nanoparticles or the like in the device is carried out.

IPC 8 full level

H01B 7/00 (2006.01); **B29C 48/05** (2019.01); **B29C 48/30** (2019.01); **C25D 13/22** (2006.01); **H01B 13/00** (2006.01); **H01B 13/14** (2006.01)

CPC (source: EP)

B29C 48/05 (2019.01); **C25D 13/22** (2013.01); **H01B 13/0033** (2013.01); **H01B 13/145** (2013.01)

Citation (search report)

See references of WO 2012095321A2

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)

DE 102012000121 A1 20120719; DE 102012000122 A1 20120719; DE 102012000125 A1 20120719; DE 102012000132 A1 20120719; EP 2663983 A2 20131120; WO 2012095321 A2 20120719; WO 2012095321 A3 20121122

DOCDB simple family (application)

DE 102012000121 A 20120105; DE 102012000122 A 20120105; DE 102012000125 A 20120105; DE 102012000132 A 20120105; EP 12706448 A 20120112; EP 2012000139 W 20120112