

Title (en)

CONDUCTOR ROD FOR THE STATOR OF A GENERATOR, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

LEITERSTAB FÜR DEN STATOR EINES GENERATORS SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

TIGE CONDUCTRICE POUR LE STATOR D'UN GÉNÉRATEUR AINSI QUE SON PROCÉDÉ DE FABRICATION

Publication

EP 2102968 A1 20090923 (DE)

Application

EP 08701395 A 20080110

Priority

- EP 2008050249 W 20080110
- CH 672007 A 20070118

Abstract (en)

[origin: WO2008087093A1] A conductor bar (10) for the stator of a generator comprises multiple internally positioned partial conductors (11) which are surrounded externally by an insulation layer (12) comprising impregnated glass/mica bands (13) wound around the partial conductors (11). To improve the mechanical adhesion between the partial conductors (11) and the insulation layer (12), at least one intermediate layer (17) is provided between the insulation layer (12) and the partial conductors (11).

IPC 8 full level

H02K 3/40 (2006.01); **H02K 15/10** (2006.01)

CPC (source: EP US)

H02K 3/345 (2013.01 - EP US); **H02K 3/40** (2013.01 - EP US); **Y10T 29/49009** (2015.01 - EP US); **Y10T 29/49117** (2015.01 - EP US)

Citation (search report)

See references of WO 2008087093A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008087093 A1 20080724; CA 2675821 A1 20080724; CH 699023 B1 20100115; CN 101584101 A 20091118; EP 2102968 A1 20090923; JP 2010517497 A 20100520; US 2010007226 A1 20100114; US 2011109186 A1 20110512; US 7893358 B2 20110222

DOCDB simple family (application)

EP 2008050249 W 20080110; CA 2675821 A 20080110; CH 672007 A 20070118; CN 200880002522 A 20080110; EP 08701395 A 20080110; JP 2009545892 A 20080110; US 201113006502 A 20110114; US 50235009 A 20090714