

Title (en)
METHOD FOR PRODUCING A STRUCTURED METAL COATING

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER STRUKTURIERTEN METALLISCHEN BESCHICHTUNG

Title (fr)
PROCÉDÉ DE RÉALISATION D'UN REVÊTEMENT MÉTALLIQUE STRUCTURÉ

Publication
EP 2446720 A2 20120502 (DE)

Application
EP 10726485 A 20100618

Priority

- EP 2010058612 W 20100618
- EP 09163346 A 20090622
- EP 10726485 A 20100618

Abstract (en)
[origin: WO2010149579A2] The invention relates to a method for producing a structured electrically conductive coating on a substrate, wherein at first a monolayer or oligolayer of a surface-hydrophobizing substance is applied onto a surface of the substrate, and subsequently a substance containing electrically conductive particle is applied to the substrate in accordance with a predetermined pattern. The invention further relates to a use of the method for producing solar cells or printed circuit boards, and to an electronic component, comprising a substrate, onto which the structured electrically conductive surface is applied, wherein a monolayer or oligolayer made of a surface-hydrophobizing material is applied onto the substrate, and the structured electrically conductive surface is applied onto the monolayer or oligolayer.

IPC 8 full level
H05K 3/12 (2006.01); **H01L 21/288** (2006.01); **H01L 31/024** (2006.01)

CPC (source: EP KR US)
G03F 7/0002 (2013.01 - KR); **H01L 21/02697** (2013.01 - KR); **H01L 31/022425** (2013.01 - EP KR US); **H05K 3/1208** (2013.01 - EP KR US); **H05K 3/125** (2013.01 - KR); **H05K 3/125** (2013.01 - EP US); **H05K 2203/1173** (2013.01 - EP KR US); **Y02E 10/50** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2010149579A2

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010149579 A2 20101229; WO 2010149579 A3 20110407; AU 2010264870 A1 20120119; CA 2766244 A1 20101229; CN 102804936 A 20121128; EP 2446720 A2 20120502; IL 216898 A0 20120301; IL 216898 A 20150331; JP 2012531034 A 20121206; KR 20120110084 A 20121009; MX 2011013434 A 20120306; RU 2012101934 A 20130727; SG 176819 A1 20120130; TW 201112271 A 20110401; US 2012132274 A1 20120531

DOCDB simple family (application)
EP 2010058612 W 20100618; AU 2010264870 A 20100618; CA 2766244 A 20100618; CN 201080027915 A 20100618; EP 10726485 A 20100618; IL 21689811 A 20111211; JP 2012515509 A 20100618; KR 20127001850 A 20100618; MX 2011013434 A 20100618; RU 2012101934 A 20100618; SG 2011092095 A 20100618; TW 99120308 A 20100622; US 201013380259 A 20100618