

Title (en)

ORGANIC LIGHT-EMITTING DIODE DEVICE COMPRISING A SUBSTRATE INCLUDING A TRANSPARENT LAYERED ELEMENT

Title (de)

ORGANISCHE LEUCHTDIODENVORRICHTUNG MIT EINEM SUBSTRAT MIT EINEM TRANSPARENTEN GESCHICHTETEN ELEMENT

Title (fr)

DISPOSITIF A DIODE ELECTROLUMINESCENTE ORGANIQUE COMPORANT UN SUPPORT COMPRENANT UN ELEMENT EN COUCHES TRANSPARENT

Publication

EP 2856533 A1 20150408 (FR)

Application

EP 13729401 A 20130523

Priority

- FR 1254868 A 20120525
- FR 2013051123 W 20130523

Abstract (en)

[origin: WO2013175130A1] The invention relates to an organic light-emitting diode device (6) comprising a substrate (5) including a transparent layered element (1) having specular transmission and diffuse reflection, used as an extraction solution. The invention also relates to the method for producing the device and to the use of the substrate in an organic light-emitting diode device. The invention further relates to a substrate covered with an electrode that is particularly suitable for producing the aforementioned diode devices.

IPC 8 full level

H01L 51/52 (2006.01)

CPC (source: CN EP KR US)

H10K 50/81 (2023.02 - US); **H10K 50/828** (2023.02 - US); **H10K 50/85** (2023.02 - US); **H10K 50/854** (2023.02 - CN EP KR US);
H10K 50/858 (2023.02 - CN EP KR US); **H10K 71/00** (2023.02 - US); **H10K 85/141** (2023.02 - US); **Y10T 428/24471** (2015.01 - EP US)

Cited by

WO2020143996A1; WO2021139994A1; WO2021139992A1; WO2021139995A1; WO2021233827A1; WO2021213884A1; WO2022152511A1;
DE202021004272U1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013175130 A1 20131128; CN 104303329 A 20150121; EP 2856533 A1 20150408; FR 2991101 A1 20131129; FR 2991101 B1 20160506;
HK 1202186 A1 20150918; JP 2015517726 A 20150622; KR 20150024816 A 20150309; RU 2014152718 A 20160720;
US 2015171370 A1 20150618

DOCDB simple family (application)

FR 2013051123 W 20130523; CN 201380026968 A 20130523; EP 13729401 A 20130523; FR 1254868 A 20120525; HK 15102615 A 20150316;
JP 2015513248 A 20130523; KR 20147032544 A 20130523; RU 2014152718 A 20130523; US 201314403406 A 20130523