

Title (en)

ORGANIC LIGHT-EMITTING DEVICE AND USE OF A TRANSPARENT ELECTROCONDUCTIVE LAYER IN AN ORGANIC LIGHT-EMITTING DEVICE

Title (de)

ORGANISCHE LEUCHTDIODE UND VERWENDUNG EINER TRANSPARENTEN ELEKTRISCH LEITFÄHIGEN SCHICHT IN EINER ORGANISCHEN LEUCHTDIODE

Title (fr)

DISPOSITIF ELECTROLUMINESCENT ORGANIQUE ET UTILISATION D'UNE COUCHE ELECTROCONDUCTRICE TRANSPARENTE DANS UN DISPOSITIF ELECTROLUMINESCENT ORGANIQUE

Publication

EP 1987702 A2 20081105 (FR)

Application

EP 07731655 A 20070221

Priority

- FR 2007050835 W 20070221
- FR 0601596 A 20060222
- FR 0650622 A 20060223

Abstract (en)

[origin: WO2007096565A2] The invention concerns an organic light-emitting device comprising: a substrate, in particular a transparent substrate, a first electrode and a second electrode on a common surface of the substrate, the first electrode being at least semi-transparent or transparent, a light-emitting layer interposed between the first and second electrodes. The invention is characterized in that the first electrode comprises an electroconductive diffusion layer having not less than 2% blur. The invention also concerns the use of an electroconductive diffusion layer having not less than 2% blur as electrode nearest to the substrate of an organic light-emitting device.

IPC 8 full level

H05B 33/28 (2006.01); **C03C 17/34** (2006.01); **G02B 5/02** (2006.01)

CPC (source: EP KR US)

C03C 17/34 (2013.01 - EP KR US); **C03C 17/3655** (2013.01 - EP KR US); **C03C 17/3668** (2013.01 - EP KR US); **C03C 17/38** (2013.01 - EP KR US); **G02B 5/02** (2013.01 - KR); **H01L 23/145** (2013.01 - KR); **H10K 50/816** (2023.02 - EP KR US); **H10K 50/854** (2023.02 - EP KR US); **C03C 2217/77** (2013.01 - EP KR US); **G02B 5/02** (2013.01 - EP US); **H10K 2102/102** (2023.02 - EP KR US); **H10K 2102/103** (2023.02 - EP KR US)

Citation (search report)

See references of WO 2007096565A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007096565 A2 20070830; **WO 2007096565 A3 20071101**; EP 1987702 A2 20081105; JP 2009531811 A 20090903; KR 20080110756 A 20081219; US 2009153026 A1 20090618; US 8427043 B2 20130423

DOCDB simple family (application)

FR 2007050835 W 20070221; EP 07731655 A 20070221; JP 2008555851 A 20070221; KR 20087023138 A 20080922; US 28040107 A 20070221