

Title (en)

DEVICE COMPRISING AT LEAST TWO ORGANIC ELECTROLUMINESCENT DIODES

Title (de)

VORRICHTUNG MINDESTENS ZWEI ORGANISCHE ELEKTROLUMINESZIERENDE DIODEN ENTHALTEND

Title (fr)

DISPOSITIF COMPRENANT AU MOINS DEUX DIODES ÉLECTROLUMINESCENTES ORGANIQUES

Publication

EP 3175492 A1 20170607 (FR)

Application

EP 15726038 A 20150519

Priority

- FR 1454740 A 20140526
- EP 2015060933 W 20150519

Abstract (en)

[origin: WO2015180996A1] The present invention relates to a device comprising at least two organic light emitting diodes including, on a substrate (100), a lower layer (200), an organic layer (300) and an upper layer (500), characterized in that: - said device comprises an isolated area (250) of the lower layer (200) separated from a remaining area of the lower layer (200) by a trench (50); - a contact point (400) of the first electrode is positioned in electrical continuity with the remaining area of the lower layer (200); - said device comprises a succession of two-layer stacks comprising an insulating layer (610, 620, 630) and a conductive layer (710, 720, 730).

IPC 8 full level

H01L 51/52 (2006.01); **H01L 27/32** (2006.01); **F21Y 115/15** (2016.01)

CPC (source: EP US)

H10K 50/805 (2023.02 - EP US); **H10K 59/221** (2023.02 - EP); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Citation (search report)

See references of WO 2015180996A1

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)

FR 3021460 A1 20151127; **FR 3021460 B1 20170310**; EP 3175492 A1 20170607; WO 2015180996 A1 20151203

DOCDB simple family (application)

FR 1454740 A 20140526; EP 15726038 A 20150519; EP 2015060933 W 20150519