

Title (en)

FLUORINATED AMINES AS SAM IN OLEDs

Title (de)

FLUORIERTE AMINE ALS SAM BEI OLED

Title (fr)

AMINES FLUORÉES EN TANT QUE SAM DANS DES DEL ORGANIQUES

Publication

**EP 2700112 A1 20140226 (EN)**

Application

**EP 12716243 A 20120416**

Priority

- DE 102011018480 A 20110421
- US 201161480433 P 20110429
- EP 2012001631 W 20120416

Abstract (en)

[origin: WO2012143109A1] The present invention relates to a layer body, at least comprising - a first layer comprising a conductive polymer; - a further layer following the first layer, comprising a fluorinated amine. The invention also relates to a process for the production of a layer body, the layer body obtainable by this process, electronic components comprising a layer body as well as the use of a fluorinated amine.

IPC 8 full level

**H01L 51/00** (2006.01)

CPC (source: EP KR)

**B32B 27/08** (2013.01 - KR); **B32B 27/18** (2013.01 - KR); **B32B 27/28** (2013.01 - KR); **H01G 11/48** (2013.01 - EP); **H10K 85/1135** (2023.02 - EP);  
**H10K 50/17** (2023.02 - EP KR); **Y02E 10/549** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (examination)

- DE 102009037691 A1 20110303 - SIEMENS AG [DE]
- JP H10275682 A 19981013 - NEC CORP
- See also references of WO 2012143109A1

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

DOCDB simple family (publication)

**DE 102011018480 A1 20121025**; EP 2700112 A1 20140226; KR 20140032406 A 20140314; TW 201307062 A 20130216;  
WO 2012143109 A1 20121026

DOCDB simple family (application)

**DE 102011018480 A 20110421**; EP 12716243 A 20120416; EP 2012001631 W 20120416; KR 20137030843 A 20120416;  
TW 101113733 A 20120418