

Title (en)

METHOD FOR PRODUCING AN ACTIVE LAYER CAPABLE OF EMITTING AN ELECTRIC CURRENT UNDER IRRADIATION

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER AKTIVEN SCHICHT ZUR EMISSION EINES ELEKTRISCHEN STROMES UNTER STRAHLUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE COUCHE ACTIVE SUSCEPTIBLE D'ÉMETTRE UN COURANT ÉLECTRIQUE SOUS IRRADIATION

Publication

**EP 3020078 A1 20160518 (FR)**

Application

**EP 14747092 A 20140710**

Priority

- FR 1356832 A 20130711
- FR 2014051772 W 20140710

Abstract (en)

[origin: WO2015004393A1] Method for producing an active layer capable of emitting an electric current under irradiation The present invention concerns the field of organic electronics for photovoltaic energy, that is to say the conversion of light energy into electricity. The invention relates in particular to a method for producing an active layer capable of emitting an electric current under light irradiation, said layer combining a ferroelectric polymer material and a semiconductor polymer allowing the transformation of light energy into electricity.

IPC 8 full level

**H01L 51/42** (2006.01)

CPC (source: EP US)

**H10K 30/00** (2023.02 - US); **H10K 30/30** (2023.02 - US); **H10K 71/12** (2023.02 - US); **H10K 85/113** (2023.02 - US);  
**H10K 85/151** (2023.02 - EP US); **H10K 30/50** (2023.02 - EP); **H10K 30/60** (2023.02 - EP); **H10K 71/12** (2023.02 - EP);  
**H10K 85/113** (2023.02 - EP); **Y02E 10/549** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

C-Set (source: EP US)

**C09D 127/16** + **C08L 65/02**

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 2015004393 A1 20150115**; CN 105518893 A 20160420; EP 3020078 A1 20160518; FR 3008548 A1 20150116; FR 3008548 B1 20161209;  
JP 2016525793 A 20160825; KR 20160032159 A 20160323; SG 11201600190X A 20160226; US 2016141534 A1 20160519

DOCDB simple family (application)

**FR 2014051772 W 20140710**; CN 201480049600 A 20140710; EP 14747092 A 20140710; FR 1356832 A 20130711;  
JP 2016524878 A 20140710; KR 20167003533 A 20140710; SG 11201600190X A 20140710; US 201414904331 A 20140710