

Title (en)

USE OF RYLENE DERIVATIVES AS ACTIVE COMPONENTS IN SOLAR CELLS AND PHOTODETECTORS

Title (de)

VERWENDUNG VON RYLENDERIVATEN ALS AKTIVE KOMPONENTEN IN SOLARZELLEN UND PHOTODETEKTOREN

Title (fr)

UTILISATION DE DERIVÉS DE RYLÈNE EN TANT QUE COMPOSANTS ACTIFS DANS DES CELLULES SOLAIRES ET DES PHOTODÉTECTEURS

Publication

EP 2181096 A1 20100505 (DE)

Application

EP 08775231 A 20080721

Priority

- EP 2008059502 W 20080721
- EP 07112969 A 20070723
- EP 08775231 A 20080721

Abstract (en)

[origin: WO2009013258A1] The invention relates to compounds of general formula (I) and to the use thereof as active materials in solar cells and photodetectors. The variables in formula (I) are defined in the specifications. The formula (I) also has the following example.

IPC 8 full level

C07D 221/18 (2006.01); **C07D 311/78** (2006.01); **C07D 471/06** (2006.01); **H01L 31/04** (2006.01); **H01L 51/46** (2006.01)

CPC (source: EP US)

C07D 221/18 (2013.01 - EP US); **C07D 311/78** (2013.01 - EP US); **C07D 471/06** (2013.01 - EP US); **C09B 5/62** (2013.01 - EP US); **C09B 57/008** (2013.01 - EP US); **H10K 85/621** (2023.02 - EP US); **H10K 85/633** (2023.02 - EP US); **H10K 30/20** (2023.02 - EP US); **H10K 30/50** (2023.02 - EP); **Y02E 10/549** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009013258 A1 20090129; EP 2181096 A1 20100505; US 2010207072 A1 20100819; US 8083971 B2 20111227

DOCDB simple family (application)

EP 2008059502 W 20080721; EP 08775231 A 20080721; US 66897508 A 20080721