

Title (en)

SEMICONDUCTOR MATERIALS BASED ON DITHIENOPYRIDONE COPOLYMERS

Title (de)

HALBLEITERMATERIALIEN AUF DER BASIS VON DITHIENPYRIDON-COPOLYMEREN

Title (fr)

MATÉRIAUX SEMI-CONDUCTEURS À BASE DE COPOLYMÈRES DE DITHIENOPYRIDONE

Publication

EP 2702085 A1 20140305 (EN)

Application

EP 12714013 A 20120416

Priority

- US 201161479444 P 20110427
- EP 11163952 A 20110427
- EP 2012056943 W 20120416
- EP 12714013 A 20120416

Abstract (en)

[origin: WO2012146504A1] The present invention provides a polymer comprising a unit of formula (1) or/and (1') The present invention also provides an electronic device comprising the polymer as semiconducting material.

IPC 8 full level

C08G 61/12 (2006.01); **H10K 99/00** (2023.01)

CPC (source: EP KR)

C08G 61/12 (2013.01 - KR); **C08G 61/123** (2013.01 - EP); **C08G 61/126** (2013.01 - EP); **C08L 65/00** (2013.01 - KR); **H10K 10/00** (2023.02 - KR); **H10K 30/00** (2023.02 - KR); **H10K 85/113** (2023.02 - EP); **H10K 85/151** (2023.02 - EP); **H10K 99/00** (2023.02 - KR); **C08G 2261/3243** (2013.01 - EP); **C08G 2261/3246** (2013.01 - EP); **C08G 2261/3422** (2013.01 - EP); **C08G 2261/344** (2013.01 - EP); **C08G 2261/414** (2013.01 - EP); **C08G 2261/51** (2013.01 - EP); **C08G 2261/596** (2013.01 - EP); **C08G 2261/91** (2013.01 - EP); **H10K 10/484** (2023.02 - EP); **Y02E 10/549** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

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)

WO 2012146504 A1 20121101; CN 103517936 A 20140115; EP 2702085 A1 20140305; JP 2014518904 A 20140807; KR 101486693 B1 20150126; KR 20140018345 A 20140212

DOCDB simple family (application)

EP 2012056943 W 20120416; CN 201280018847 A 20120416; EP 12714013 A 20120416; JP 2014506816 A 20120416; KR 20137031041 A 20120416