

Title (en)

POLYTHIOPHENE-CONTAINING INK COMPOSITIONS FOR INKJET PRINTING

Title (de)

POLYTHIOPHENHALTIGE TINTENZUSAMMENSETZUNGEN FÜR TINTENSTRAHLDRUCK

Title (fr)

COMPOSITIONS D'ENCRE CONTENANT DES POLYTHIOPHÈNES POUR IMPRESSION PAR JET D'ENCRE

Publication

**EP 3063800 A4 20170621 (EN)**

Application

**EP 13896242 A 20131204**

Priority

- US 201361898343 P 20131031
- US 2013073175 W 20131204

Abstract (en)

[origin: WO2015065499A2] Ink compositions comprising polythiophenes and methicone that are formulated for inkjet printing the hole injecting layer (HIL) of an organic light emitting diode (OLED) are provided. Also provided are methods of inkjet printing the HILs using the ink compositions.

IPC 8 full level

**H01L 51/50** (2006.01)

CPC (source: CN EP KR)

**C09D 11/102** (2013.01 - CN); **C09D 11/30** (2013.01 - CN KR); **C09D 11/36** (2013.01 - KR); **C09D 11/52** (2013.01 - KR);  
**C09D 181/02** (2013.01 - KR); **H10K 71/135** (2023.02 - CN EP KR); **H10K 71/15** (2023.02 - KR); **H10K 85/113** (2023.02 - KR);  
**H10K 50/17** (2023.02 - CN EP KR); **H10K 85/113** (2023.02 - EP)

Citation (search report)

- [IY] WO 2013040468 A1 20130321 - KATEEVA INC [US], et al
- [Y] US 2009103284 A1 20090423 - SUZUKI TOMOYUKI [JP], et al

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 2015065499 A2 20150507**; **WO 2015065499 A3 20150716**; CN 105658742 A 20160608; CN 105658742 B 20180330;  
CN 108219588 A 20180629; EP 3063800 A2 20160907; EP 3063800 A4 20170621; JP 2017502485 A 20170119; JP 2018119164 A 20180802;  
JP 6438041 B2 20181212; KR 20160078973 A 20160705; KR 20180108917 A 20181004

DOCDB simple family (application)

**US 2013073175 W 20131204**; CN 201380080634 A 20131204; CN 201810153650 A 20131204; EP 13896242 A 20131204;  
JP 2016552406 A 20131204; JP 2018088641 A 20180502; KR 20167011210 A 20131204; KR 20187027819 A 20131204