

Title (en)

OLIGOMERS OF ISONITRILE-METAL COMPLEXES AS TRIPLET EMITTERS FOR OLED APPLICATIONS

Title (de)

OLIGOMERE VON ISONITRIL-METALLKOMPLEXEN ALS TRIPLET-EMITTER FÜR OLED-ANWENDUNGEN

Title (fr)

OLIGOMÈRES DE COMPLEXES MÉTALLIQUES D'ISONITRILE COMME ÉMETTEUR TRIPLE POUR DES APPLICATIONS OLED

Publication

EP 2044168 A1 20090408 (DE)

Application

EP 07765025 A 20070703

Priority

- EP 2007005882 W 20070703
- DE 102006030860 A 20060704

Abstract (en)

[origin: WO2008003464A1] The present invention relates to light-emitting devices and particularly to organic light-emitting devices (OLEDs). In particular, the invention relates to the use of luminescing isonitrile-metal complexes as oligomeric emitters in such devices.

IPC 8 full level

C09K 11/06 (2006.01); **H01L 33/26** (2010.01); **H01L 51/54** (2006.01)

CPC (source: EP US)

C07F 15/0066 (2013.01 - EP US); **C07F 15/0093** (2013.01 - EP US); **C09K 11/06** (2013.01 - EP US); **H05B 33/14** (2013.01 - EP US); **H10K 85/346** (2023.02 - EP US); **C09K 2211/185** (2013.01 - EP US); **H10K 50/11** (2023.02 - EP US); **H10K 85/324** (2023.02 - EP US); **H10K 85/40** (2023.02 - EP US); **H10K 2101/10** (2023.02 - EP US); **Y02E 10/549** (2013.01 - EP US)

Citation (search report)

See references of WO 2008003464A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006030860 A1 20080110; EP 2044168 A1 20090408; JP 2009542023 A 20091126; JP 6013698 B2 20161025; TW 200838975 A 20081001; US 2010141120 A1 20100610; US 9130178 B2 20150908; WO 2008003464 A1 20080110

DOCDB simple family (application)

DE 102006030860 A 20060704; EP 07765025 A 20070703; EP 2007005882 W 20070703; JP 2009517031 A 20070703; TW 96124387 A 20070704; US 30695707 A 20070703