

Title (en)

ELECTRONIC DEVICES HAVING LONG LIFETIME

Title (de)

ELEKTRONISCHE VORRICHTUNGEN MIT HOHER LEBENSDAUER

Title (fr)

DISPOSITIFS ÉLECTRONIQUES POSSÉDANT UNE LONGUE DURÉE DE VIE

Publication

EP 2379671 A4 20121128 (EN)

Application

EP 09835779 A 20091222

Priority

- US 2009069255 W 20091222
- US 13983408 P 20081222
- US 15618109 P 20090227
- US 16640009 P 20090403
- US 17614109 P 20090507
- US 17940709 P 20090519
- US 22868909 P 20090727
- US 23359209 P 20090813
- US 23957409 P 20090903
- US 24656309 P 20090929
- US 25601209 P 20091029
- US 26792809 P 20091209

Abstract (en)

[origin: TW201035281A] An organic light-emitting diode is provided having an anode, a cathode, and an organic active layer therebetween. The organic active layer includes a deuterated compound and the device has a calculated half-life at 1000 nits of at least 5000 hours.

IPC 8 full level

C09K 11/06 (2006.01); **H01L 51/54** (2006.01); **H01L 51/00** (2006.01)

CPC (source: EP KR)

H10K 50/11 (2023.02 - KR); **H10K 50/14** (2023.02 - KR); **H10K 85/111** (2023.02 - EP KR); **H10K 85/615** (2023.02 - KR); **H10K 85/631** (2023.02 - EP KR); **H10K 50/11** (2023.02 - EP); **H10K 50/14** (2023.02 - EP); **H10K 50/17** (2023.02 - EP KR)

Citation (search report)

- [X] EP 1995292 A1 20081126 - FUJIFILM CORP [JP]
- [X] WO 0247440 A1 20020613 - CANON KK [JP], et al
- [X] WO 2006121237 A1 20061116 - DOOSAN CORP [KR], et al
- [X] WO 2006095951 A1 20060914 - DOOSAN CORP [KR], et al
- [X] WO 2008029670 A1 20080313 - NIPPON STEEL CHEMICAL CO [JP], et al & EP 2075310 A1 20090701 - NIPPON STEEL CHEMICAL CO [JP]

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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