

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 A2 20111026 (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)

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