

Title (en)
OLEDs WITH INCREASED LIGHT YIELD

Title (de)
OLED'S MIT ERHÖHTER LICHT-AUSKOPPLUNG

Title (fr)
DIODES ELECTROLUMINESCENTES ORGANIQUES A EXTRACTION ACCRUE DE LUMIERE

Publication
EP 1969653 A1 20080917 (DE)

Application
EP 06829325 A 20061206

Priority
• EP 2006011686 W 20061206
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Abstract (en)
[origin: WO2007076913A1] The invention relates to relates to OLEDs which comprise at least one substrate, a first electrode, at least one organic light-emitting layer and a second electrode, either the substrate and the first electrode, the second electrode or the substrate, the first and the second electrode being transparent. The invention is characterized in that at least one transparent layer is arranged on the substrate and/or the transparent second electrode. Said layer contains transparent, preferably spherical particles which protrude at least partially from the at least one layer. The invention also relates to a method for producing the OLEDs and to their use, especially in lighting devices and displays.

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H01L 51/52 (2006.01); **F21K 99/00** (2010.01)

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Citation (search report)
See references of WO 2007076913A1

Citation (examination)
US 2001033135 A1 20011025 - DUGGAL ANIL RAJ [US], et al

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