

Title (en)

AN IMPROVED ELECTRODE STRUCTURE FOR ORGANIC LIGHT EMITTING DIODE DEVICES

Title (de)

EINE VERBESSERTE ELEKTRODENSTRUKTUR FÜR ORGANISCHE, LICHEMITTIERENDE DIODEN

Title (fr)

STRUCTURE D'ELECTRODES AMELIOREE POUR DISPOSITIFS ORGANIQUES A DIODES ELECTROLUMINESCENTES

Publication

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Application

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Abstract (en)

[origin: WO9960599A1] An improved organic light emitting diode device (20) is disclosed. The organic light emitting diode device (20) includes a first electrode (25), a second electrode (22), and an organic stack (23) interposed between the first electrode (25) and the second electrode (22). The organic stack (23) may include hole transport materials located on one side of the stack and electron transport materials located on another side of the stack. The improvement includes a thin layer (24) of high work function material interposed between the first electrode (25) and the organic stack (23). The organic light emitting diode device (20) according to the present invention has improved stability.

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