

Title (en)

HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED ORGANIC ELECTRONIC DEVICES

Title (de)

LEITFÄHIGE POLYMERE MIT HOHEM WIDERSTAND, INSBESONDERE VERWENDBAR FÜR HOCHEFFIZIENTE ORGANISCHE ELEKTRONISCHE ANZEIGE MIT MEHREREN BILDELEMENTEN

Title (fr)

POLYMERES CONDUCTEURS HAUTE RESISTANCE, UTILISES DANS DES DISPOSITIFS ELECTRONIQUES ORGANIQUES PIXELISES A HAUT RENDEMENT

Publication

**EP 1292985 A2 20030319 (EN)**

Application

**EP 01946100 A 20010605**

Priority

- US 0118189 W 20010605
- US 21273600 P 20000620

Abstract (en)

[origin: WO0199192A2] In pixellated electronic devices such as polymer emissive displays (PEDs), good operating lifetime is achieved through the use of a high resistivity buffer layer of conductive organic polymer between the anode layer and the photoactive layer. The improved high resistivity conductive layer gives long lifetime with reduced or no cross-talk and current leakage between neighboring pixels.

IPC 1-7

**H01L 27/00**

IPC 8 full level

**H01L 27/32** (2006.01); **H01L 51/50** (2006.01); **H01L 51/52** (2006.01); **H05B 33/10** (2006.01)

CPC (source: EP KR)

**H05B 33/22** (2013.01 - KR); **H10K 50/171** (2023.02 - EP KR); **H10K 59/17** (2023.02 - EP KR)

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