

Title (en)

ELECTRONIC CONTROL CELL FOR AN ACTIVE MATRIX DISPLAY ORGANIC ELECTROLUMINESCENT DIODE AND METHODS FOR THE OPERATION THEREOF AND DISPLAY

Title (de)

ELEKTRONISCHE STEUERZELLE FÜR EINE ORGANISCHE ELEKTROLUMINESZENZDIODE EINER AKTIVMATRIXANZEIGE UND VERFAHREN ZU IHREM BETRIEB UND ANZEIGE

Title (fr)

CELLULE DE COMMANDE ELECTRONIQUE POUR DIODE ELECTROLUMINESCENTE ORGANIQUE D AFFICHEUR A MATRICE ACTIVE, PROCEDES DE FONCTIONNEMENT ET AFFICHEUR

Publication

EP 1695332 A2 20060830 (FR)

Application

EP 04816539 A 20041213

Priority

- FR 2004050685 W 20041213
- FR 0351026 A 20031211

Abstract (en)

[origin: FR2863758A1] The cell has a control transistor (61) operated as an electronic switch based on a control signal arriving on a control line (5'). A capacitive storage circuit storing the control signal has a capacitor (C) on the control line, where the voltages at the terminals of the capacitor decrease during a time period. The storage of the signal is temporary due to discharge of load through a resistor (R f) in parallel to the capacitor. Independent claims are also included for the following: (A) a process of operating an electronic control cell for an organic light emitting diode (OLED) of a pixel or segment of a display (B) a display having an organic light emitting diode of pixel and/or segments using an electronic control cell.

IPC 8 full level

G09G 3/32 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)

G09G 3/3233 (2013.01 - EP KR US); **G09G 3/3258** (2013.01 - EP KR US); **G09G 2300/0842** (2013.01 - EP KR US); **G09G 2310/066** (2013.01 - EP KR US); **G09G 2320/0261** (2013.01 - EP KR US)

Citation (search report)

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DOCDB simple family (publication)

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FR 0351026 A 20031211; CN 200480040246 A 20041213; EP 04816539 A 20041213; FR 2004050685 W 20041213; JP 2006543592 A 20041213; KR 20067013875 A 20060710; US 58249304 A 20041213