

Title (en)

"Supply system of the driving voltage generator of the rows and of the columns of a liquid crystal display"

Title (de)

"Stromversorgungssystem für Spannungsgenerator zur Ansteuerung der Zeilen und Spalten einer Flüssigkristallanzeige"

Title (fr)

"Système d'alimentation de générateur de tensions pour commander des lignes et colonnes d'un dispositif d'affichage à cristaux liquides"

Publication

EP 1324304 A1 20030702 (EN)

Application

EP 01830810 A 20011227

Priority

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Abstract (en)

The present invention refers to a supply system of the driving voltage generator of the rows and of the columns of a liquid crystal display. The supply system comprises first and second generator circuits (D3,D4) which output respective prefixed voltages (V3,V4). Each generator circuit receives two supply voltages. The first generator receives, via one voltage supply terminal, a first voltage (VLCD). The second generator receives, via one voltage supply terminal, a second voltage (GND). The other supply terminals of the generators are each connected to a charge storage device (CTNK), e.g. a capacitor, which acts as a charging tank. Charge stored in the capacitor is shared by both generators, and a control circuit (CONT) causes the voltage across the capacitor to lie within a predefined range. <IMAGE>

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G09G 3/36

IPC 8 full level

G09G 3/36 (2006.01)

CPC (source: EP)

G09G 3/3696 (2013.01); **G09G 3/3622** (2013.01); **G09G 2330/023** (2013.01)

Citation (search report)

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