Title (en)
DEVICE FOR CONTROLLING A MATRIX DISPLAY CELL

Title (de)
VORRICHTUNG ZUR STEUERUNG EINER MATRIXANZEIGESTELLE

Title (fr)
DISPOSITIF DE COMMANDE D'UNE CELLULE D'UN ECRAN MATRICIEL

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Abstract (en)
[origin: FR2772501A1] The invention concerns a device for controlling a matrix display cell comprising a set of control circuits (P'ij) arranged in lines and in columns and controlling an elementary point (XL), the state of each elementary point being a function of first and second control signals (L'i, C'j) applied on the control circuit (P'ij) respectively by the lines (L'l) and the columns (C'j). The control circuit (P'ij) consists of a first transistor (MN2) connecting the elementary point (XL) to the corresponding line (L'i) receiving the first signal and a second transistor (MN1) whereof a first electrode is connected to the first transistor grid, which is itself connected to the corresponding column (C'j) receiving the second signal, and whereof the second electrode is connected to a reference potential. The invention is particularly applicable to flat screens such as liquid crystal displays or electroluminescent displays.

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