

Title (en)

DISPLAY DEVICE ADDRESSING METHOD WITH ALTERNATING ROW SELECTING ORDER AND INTERMEDIATE OFF PULSES

Title (de)

ADRESSIERVERFAHREN FÜR EINE ANZEIGEEINRICHTUNG MIT WECHSELSEITIGER REIHENFOLGE DER ZEILENAUSWAHL UND ZWISCHENZEITLICHEN AUSSCHALTIMPULSEN

Title (fr)

PROCEDE D'ADRESSAGE DE DISPOSITIF D'AFFICHAGE A ORDRE DE SELECTION DE RANGEES ALTERNE ET A IMPULSIONS DE DESACTIVATION INTERMEDIAIRES

Publication

EP 1636781 A1 20060322 (EN)

Application

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Abstract (en)

[origin: WO2004109646A1] A method for addressing a display device comprising, during a first period, applying to one row electrode at a time an ON-select voltage (Vrow,selON) such that pixels connected to this row electrode can be switched ON by a data signal applied to the column electrodes, during a second period, applying the ON-select voltage (Vrow,selON) to one row electrode at a time in reverse order compared to said first period, and in a time slot between said first and second periods, applying to all columns electrodes (28) an OFF voltage (Vcol,OFF) adapted to place all pixels in the OFF state. By applying the second voltage (Vcol,OFF) to all column electrodes (28) in the set, all pixels are switched OFF regardless of the row voltage levels, which makes it possible to provide an addressing scheme which is very robust.

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