

Title (en)

METHOD FOR CONTROLLING THE ADDRESSING OF AN AC PLASMA DISPLAY PANEL

Title (de)

VERFAHREN ZUR ADRESSIERUNGSANSTEUERUNG EINER WECHSELSTROMPLASMAANZEIGETAFEL

Title (fr)

PROCEDE DE COMMANDE D'ADRESSAGE D'UN PANNEAU A PLASMA DE TYPE ALTERNATIF

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Application

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Priority

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Abstract (en)

[origin: FR2758204A1] the invention concerns a method for controlling the addressing of an AC plasma display panel, the implementation of which enables the use of low-cost components and the reduction of capacitive consumption. The panel comprises line electrodes (Y1 to Y6) intersecting with column electrodes (X1 to X6) the intersection points of which define cells (C1 to C36); maintenance signals (SE) are applied to the line electrodes by means of at least one control circuit (2). The method is characterised in that it consists in effecting the addressing of the cells (C1 to C36) by superposing supplementary voltage levels (PS1, PS2) on the maintenance signals (SE), then in superposing subsequently addressing pulses (IE, IS) on said supplementary levels. This method enables the reduction, with respect to prior art, of the amplitude of addressing pulses, resulting in less demand on the control circuit characteristics, which leads the reduction of the capacitive consumption. The invention is applicable to all types of AC plasma display panels.

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