

Title (en)

A CIRCUIT FOR AND METHOD OF DRIVING A FLAT PANEL DISPLAY IN A SUB FIELD MODE AND A FLAT PANEL DISPLAY WITH SUCH A CIRCUIT

Title (de)

SCHALTUNG UND METHODE ZUR ANSTEUERUNG EINES FLACHBILDSCHIRMS IN EINEM TEILFELDMODUS UND FLACHBILDSCHIRM MIT EINER SOLCHEN SCHALTUNG

Title (fr)

CIRCUIT ET PROCEDE D'ATTAQUE D'UN PANNEAU D'AFFICHAGE PLAT EN MODE SOUS-CHAMP, ET PANNEAU D'AFFICHAGE PLAT EQUIPE D'UN TEL CIRCUIT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9839762A1] A flat panel display (PD) comprises a plurality of display elements (C) arranged in a matrix of rows and columns, and electrodes (Sc, D, Su) associated to display elements (C) in a row or a column. The flat panel display (PD) is driven in a sub field mode wherein a field period (Tf) of a received display information (Pi) is divided (1) into consecutive sub field periods (Tsf) having an address period (Tp) preceeding a display period (Ts). Within a field period (Tf), a predetermined order of weight factors (Wf) each associated with a corresponding one of the display periods (Ts) is generated (1). The electrodes (Sc, D, Su) are interconnected in at least two groups (Sce, Sco; Sue, Suo). Drive signals corresponding to the weight factors (Wf) are supplied (2, 3, 4, 5; 2, 3, 4, 5, 6) to each of the at least two groups. Within a same field period (Tf), the predetermined order of weight factors (Wf) is adapted to associate a different order of weight factors (Wf) to the display periods (Ts) of the at least two groups of electrodes (Sce, Sco; Sue, Suo).

IPC 1-7

G09G 3/28

IPC 8 full level

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