

Title (en)

Display device adapted to display video signals from different video standards

Title (de)

Anzeigevorrichtung zur Anzeige von Videosignalen aus verschiedenen Videonormen

Title (fr)

Dispositif d'affichage pouvant afficher signaux vidéo de standards vidéo différents

Publication

EP 0694899 B1 20020327 (EN)

Application

EP 95305079 A 19950720

Priority

JP 19287694 A 19940722

Abstract (en)

[origin: EP0694899A1] A display device contrived to improve the quality of a displayed video image by alleviating an undesired phenomenon that the image is seen to be discontinuous in reducing the number of lines of the video signal at a fixed rate. The display device comprises a display panel having a plurality of pixels arranged to form a matrix in conformity with the standard of a normal video signal including a predetermined number of lines per field; a vertical driving circuit for sequentially selecting the pixels of one row; a horizontal driving circuit for writing the video signal in the selected pixels of one row; a signal source for supplying the normal video signal to the display panel and also inputting thereto a second video signal whose number of lines per field is greater than that prescribed in the standard of the normal video signal; and a circuit for controlling the driving of the display panel. This circuit serves to control the timing of the sequential selection by the vertical driving circuit to thereby reduce surplus lines included in the second video signal inputted to the display panel, and further serves to change the positions of the lines to be reduced every field. <MATH>

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G09G 3/20; G09G 3/36

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CPC (source: EP)

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