

Title (en)

Method and apparatus for processing video pictures to improve grey scale resolution of a display device

Title (de)

Verfahren und Vorrichtung zur Verbesserung der Grauwertauflösung einer Bildanzeigevorrichtung

Title (fr)

Procédé et dispositif d'amélioration de la résolution en niveau de gris d'un dispositif d'affichage d'images

Publication

EP 1353315 A1 20031015 (EN)

Application

EP 03290429 A 20030221

Priority

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- EP 02290907 A 20020411

Abstract (en)

The present invention relates to a method for improving grey scale fidelity portrayal of pictures displayed on matrix display screens. The method comprises the following steps : a) for a given peak white level, distributing the sustain pulses among the sub-fields, the number of pulses corresponding to the sub-field weighting, b) mapping the sub-field codes to luminance codes, c) re-ordering luminance codes in a definite order, d) mapping the video levels to the available luminance codes, e) processing the video levels to achieve intermediate levels of luminance f) then, mapping luminance codes to the output sub-field codes. <??>The method is used in plasma display panels (P DP). <IMAGE>

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G09G 3/28

IPC 8 full level

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Citation (search report)

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