

Title (en)

Controlling the gray scale of plasma display devices

Title (de)

Graustufensteuerung für Plasma-Anzeigevorrichtungen

Title (fr)

Commande d'échelle de gris pour des dispositifs d'affichage à plasma

Publication

EP 0887785 A2 19981230 (EN)

Application

EP 98203252 A 19940131

Priority

- EP 94300695 A 19940131
- JP 28834593 A 19931117

Abstract (en)

A method of controlling the gray scale of a plasma display device, comprising the steps of: forming a frame for an image by a plurality of subframes each having a specific weight value; and displaying an image on the plasma display device by optionally combining gray levels of the subframes. A ratio of brightnesses of each gray level is calculated so as to substantially correspond with a ratio of the specific weight values of each gray level, a ratio of numbers of sustain emissions of each gray level being not coincident with the ratio of the specific weight values of each gray level. Therefore, an enhancement of the display quality of the plasma display device can be realized. <IMAGE> <IMAGE>

IPC 1-7

G09G 3/28

IPC 8 full level

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CPC (source: EP)

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EP 0653740 A2 19950517; **EP 0653740 A3 19960626**; **EP 0653740 B1 20000426**; DE 69424122 D1 20000531; DE 69424122 T2 20010201; DE 69431681 D1 20021212; DE 69431681 T2 20030313; EP 0887785 A2 19981230; EP 0887785 A3 20000329; EP 0887785 B1 20021106; JP 2856241 B2 19990210; JP H07140928 A 19950602; KR 970000911 B1 19970121

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