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

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Application

EP 94300695 A 19940131

Priority

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Abstract (en)

A method of controlling the gray scale of a plasma display device has a forming step of forming a frame for an image by a plurality of subframes each having a different brightness, a setting step of setting the number of sustain emissions of the each subframe individually for each subframe, and a displaying step of displaying the image on the plasma display device by a gray scale display having a specific brightness. The number of sustain emissions in each subframe is set individually by the individual subframe, and this can establish a linear relation between the gray level and the corresponding brightness. Therefore, an enhancement of 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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Cited by

EP0833299A1; EP1172791A3; EP1544838A1; EP0987676A1; KR100849008B1; EP0945845A3; EP0847037A1; EP1139322A3; EP1162594A3; EP0851400A1; US6037917A; EP0930603A3; EP1130564A3; EP0707302A3; US5790095A; EP1065645A3; FR2738654A1; US5835072A; CN1109326C; EP2219171A1; EP1345198A3; EP1746564A3; EP2131347A1; EP1331624A1; EP0845769A1; US6072448A; KR101021861B1; EP0991051A1; CN1110784C; EP0924683A3; EP1022714A3; EP1065648A3; US7098876B2; US6323880B1; US8441415B2; US6724356B1; US6243073B1; US6326938B1; US7075560B2; WO9930308A1; WO9930309A1; WO9853442A1; WO02073581A3; US6650307B1; US6388678B1; US6690388B2; WO2005059879A1; WO03063123A1; US7126562B1; US6646625B1; US6967636B2; US7042424B2; US6313814B1; US6331843B1; US6351253B2; US6353424B2; US6384803B2; US6388645B2; US6400346B2

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