

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 B1 20021106 (EN)**

Application

**EP 98203252 A 19940131**

Priority

- EP 94300695 A 19940131
- JP 28834593 A 19931117

Abstract (en)

[origin: EP0653740A2] 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

**G09G 3/28** (2013.01); **G09G 3/20** (2006.01); **G09G 3/288** (2013.01); **G09G 3/291** (2013.01); **G09G 3/294** (2013.01); **G09G 3/298** (2013.01)

CPC (source: EP)

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Cited by

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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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