

Title (en)

Independant sustain and address plasma display panel.

Title (de)

Plasmaanzeigetafel mit unabh{ngigen Schaltungen für Entladungsschaltung und Adressierung.

Title (fr)

Panneau d'affichage à plasma à circuits d'entretien et d'adressage indépendants.

Publication

EP 0266462 B1 19931027 (EN)

Application

EP 86308593 A 19861104

Priority

EP 86308593 A 19861104

Abstract (en)

[origin: EP0266462A1] An AC gas discharge display panel is described which employs the phenomenon of plasma spreading. In the panel, plasma spreading or "coupling" is employed to couple the plasma at an addressed cell to one of a plurality of pixels to be illuminated. The spreading is controlled by assuring that the cell wall voltages are properly related so that the plasma's electrons migrate to a region where the voltages are approximately equal to or more positive than the wall voltages where the plasma originated. Paired sustain electrodes are selectively energized to enable diversion of the coupled plasma to the desired pixel, so that upon subsequent applications of a sustain voltage, the desired pixel is illuminated (or erased) as the case may be.

IPC 1-7

G09G 3/28

IPC 8 full level

G09G 3/292 (2013.01); **G09G 3/293** (2013.01); **G09G 3/294** (2013.01); **G09G 3/297** (2013.01); **G09G 3/298** (2013.01); **H01J 11/12** (2012.01)

CPC (source: EP)

G09G 3/2927 (2013.01); **G09G 3/293** (2013.01); **G09G 3/294** (2013.01); **G09G 3/297** (2013.01); **G09G 3/298** (2013.01); **H01J 11/12** (2013.01); **G09G 3/2983** (2013.01); **G09G 3/2986** (2013.01); **G09G 2320/0228** (2013.01)

Citation (examination)

EP 0261584 A2 19880330 - UNIV ILLINOIS [US]

Cited by

EP0590798A1; EP1116204A4; EP0938072A1; EP0357485A1; FR2635901A1; US5075597A; GB2266007B; EP0356313A1; FR2635902A1; US5030888A; US6727869B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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