

Title (en)

Plasma display device provided with drive means suitable for carrying out rapid charge-equalization operations

Title (de)

Plasmabildanzeigevorrichtung mit Treibereinheit zur Ausführung eines schnellen Ladungsausgleichs

Title (fr)

Dispositif de visualisation à plasma comprenant des circuits pour égaliser rapidement les charges

Publication

EP 1445756 A3 20090225 (EN)

Application

EP 04075385 A 20040206

Priority

FR 0301370 A 20030206

Abstract (en)

[origin: EP1445756A2] Conventionally, the drive means are suitable for generating charge-equalization or reset operations, then address operations and then sustain operations: the invention relates to division of the reset operations into two successive steps: ## a metastable space charge-generation step P1; ## an accelerated charge-generation end step P2 during which the system operates in the mode with weak discharges between the electrodes E1, E2, serving at least for addressing. Thanks to this division, the reset operations may be shortened and the luminous performance of the panel and/or the manufacturing yields of plasma panels may be improved.

IPC 8 full level

G09G 3/20 (2006.01); **G09G 3/292** (2013.01); **G09G 3/294** (2013.01)

CPC (source: EP KR)

G09G 3/2927 (2013.01 - EP); **G09G 3/2948** (2013.01 - EP); **G09G 3/296** (2013.01 - KR); **G09G 2310/066** (2013.01 - EP); **G09G 2320/0238** (2013.01 - EP)

Citation (search report)

- [DA] US 5745086 A 19980428 - WEBER LARRY F [US]
- [A] EP 1003149 A1 20000524 - FUJITSU LTD [JP]
- [A] US 2003006945 A1 20030109 - LIM GEUN SOO [KR], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 04075385 A 20040206; CN 200410004857 A 20040206; FR 0301370 A 20030206; JP 2004029754 A 20040205; KR 20040007191 A 20040204; TW 93102710 A 20040206