

Title (en)

PLASMA DISPLAY PANEL WITH MICROWAVE RADIATION DISCHARGE EXCITATION

Title (de)

PLASMAANZEIGETAFEL MIT MIKROWELLENSTRAHLUNGSENTLADUNGSERREGUNG

Title (fr)

PANNEAU DE VISUALISATION A PLASMA A EXCITATION DES DECHARGES PAR RAYONNEMENT MICRO-ONDE

Publication

**EP 1500121 A1 20050126 (FR)**

Application

**EP 03747462 A 20030410**

Priority

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- FR 0205420 A 20020430

Abstract (en)

[origin: WO03094189A1] The invention concerns a display panel comprising a front faceplate (1) and a rear faceplate (4) providing between them a two-dimensional matrix of zones filled with discharge gas, addressing means (X, Y) for selectively activating pre-selected discharge zones by depositing therein electric charges, and a device for generating microwave electromagnetic radiation (7) adapted to apply through the rear faceplate (4) to the assembly of the display panel discharge zones, a microwave radiation of sufficient intensity to generate plasma discharges solely in the activated discharge zones. Thus, an easy-to-monitor panel with high luminous efficacy is obtained wherein the addressing and maintenance functions are separate.

IPC 1-7

**H01J 11/00**; **G09G 3/28**

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/2807** (2013.01); **H01J 11/00** (2012.01); **H01J 17/49** (2012.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 03094189A1

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