

Title (en)

METHOD OF CONNECTING A PLASMA PANEL TO THE ELECTRICAL POWER SUPPLY THEREFOR IN AN IMAGE DISPLAY DEVICE

Title (de)

VERFAHREN ZUM VERBINDEN EINER PLASMAFEL MIT IHRER ELEKTRISCHEN VERSORGUNG IN EINER VORRICHTUNG ZUM SICHTBARMACHEN VON BILDERN

Title (fr)

MODE DE CONNEXION D'UN PANNEAU A PLASMA A SON ALIMENTATION ELECTRIQUE DANS UN DISPOSITIF DE VISUALISATION D'IMAGES

Publication

EP 1410413 B1 20080521 (FR)

Application

EP 02745533 A 20020614

Priority

- FR 0202043 W 20020614
- FR 0108626 A 20010629

Abstract (en)

[origin: FR2826765A1] The invention relates to a device comprising a metallic support plate (1), the front face of which supports a plasma discharge panel which is equipped with a network of pairs of adjacent electrodes (7, 8) and the rear face of which is equipped with a power supply (13') . According to the invention, the connection ends of the electrodes (7, 8) of one electrode pair are located on opposite edges (5, 6) of the panel and the power circuit of each pair of adjacent electrodes (7, 8) forms a current loop that does not surround the metallic plate (1). In this way, electric losses are restricted in said plate and the cells of the panel operate identically along the entire length of the electrodes.

IPC 8 full level

G09G 3/20 (2006.01); **G09G 3/28** (2013.01); **G09G 3/296** (2013.01); **H01J 5/46** (2006.01); **H01J 11/12** (2012.01); **H01J 11/46** (2012.01); **H01J 17/18** (2012.01)

CPC (source: EP KR US)

H01J 11/12 (2013.01 - EP US); **H01J 11/46** (2013.01 - KR); **H01J 17/18** (2013.01 - KR); **H01J 2211/46** (2013.01 - EP US)

Citation (examination)

JP 2000089723 A 20000331 - HITACHI LTD

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

FR 2826765 A1 20030103; CN 1307676 C 20070328; CN 1522455 A 20040818; DE 60226739 D1 20080703; EP 1410413 A1 20040421; EP 1410413 B1 20080521; JP 2004530951 A 20041007; JP 4264346 B2 20090513; KR 100865681 B1 20081029; KR 20040015288 A 20040218; US 2004169472 A1 20040902; US 7224330 B2 20070529; WO 03003400 A1 20030109

DOCDB simple family (application)

FR 0108626 A 20010629; CN 02813208 A 20020614; DE 60226739 T 20020614; EP 02745533 A 20020614; FR 0202043 W 20020614; JP 2003509484 A 20020614; KR 20037016865 A 20031224; US 48172503 A 20031222