

Title (en)
COPLANAR DISCHARGE FACEPLATES FOR PLASMA DISPLAY PANEL PROVIDING ADAPTED SURFACE POTENTIAL DISTRIBUTION

Title (de)
COPLANARE ENTLADUNGS-FRONTPLATTEN FÜR EINE PLASMAANZEIGETAFEL MIT ANGEPASTER OBERFLÄCHENPOTENTIALVERTEILUNG

Title (fr)
DALLE DE DECHARGES COPLANAIRES POUR PANNEAU DE VISUALISATION A PLASMA APPORTANT UNE DISTRIBUTION DE POTENTIEL DE SURFACE ADAPTEE.

Publication
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Application
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Priority
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Abstract (en)
[origin: WO2004001786A2] The invention concerns a faceplate (1) comprising, for each discharge zone (3), at least two electrode elements (4, 4') having an axis of symmetry Ox and which are adapted such that the surface potential V(x) measured at the dielectric layer surface covering said elements increases, away from the edge of the discharge elements, continuously or discontinuously, without decreasing portion, when a constant potential difference is applied between the two electrodes serving said discharge zone, thereby substantially enhancing the panel luminous efficacy.

IPC 8 full level
G09G 3/291 (2013.01); **H01J 11/12** (2012.01); **G09G 3/296** (2013.01); **H01J 11/24** (2012.01); **H01J 11/38** (2012.01)

CPC (source: EP KR US)
G09G 3/291 (2013.01 - KR); **G09G 3/296** (2013.01 - KR); **H01J 11/12** (2013.01 - EP US); **H01J 11/24** (2013.01 - EP US); **H01J 11/38** (2013.01 - EP US); **H01J 2211/245** (2013.01 - EP US)

Citation (examination)
• EP 0993017 A1 20000412 - FUJITSU LTD [JP]
• EP 1032015 A2 20000830 - FUJITSU LTD [JP]
• US 2002008473 A1 20020124 - KANAZAWA YOSHIKAZU [JP], et al

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FR 2841378 A1 20031226; AU 2003255512 A1 20040106; AU 2003255512 A8 20040106; CN 100377281 C 20080326; CN 1663008 A 20050831; EP 1516348 A2 20050323; EP 1516348 B1 20120912; JP 2005531110 A 20051013; JP 4637576 B2 20110223; KR 100985491 B1 20101008; KR 20050008850 A 20050121; US 2006043891 A1 20060302; US 7586465 B2 20090908; WO 2004001786 A2 20031231; WO 2004001786 A3 20040219

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