

Title (en)
PLASMA PANEL WITH CELL CONDITIONING EFFECT

Title (de)
PLASMAANZEIGE MIT ZELLENKONDITIONIERUNGSEFFEKT

Title (fr)
PANNEAU A PLASMA A EFFET DE CONDITIONNEMENT DE CELLULES

Publication
EP 0988643 B1 20050824 (FR)

Application
EP 98929503 A 19980605

Priority
• FR 9801153 W 19980605
• FR 9707181 A 19970610

Abstract (en)
[origin: FR2764437A1] The invention concerns plasma panels, more particularly means for obtaining so-called cell conditioning effect. A plasma panel comprises a front faceplate (2a) and a rear faceplate (3a), between which are constituted cells (C1 to Cn). The two faceplates are assembled together by bracing means (S1 to S4) which determine the distance (d1) between the two faceplates. The plasma panel further comprises barriers (B1 to B5) arranged between the two faceplates, and serving in particular to prevent the discharges of one cell from extending to the other neighbouring cells (C1 to Cn). The invention is characterised in that the height (H2) of the barriers (B1 to B5) is less than the distance (D1) between the faceplates (2a, 3a). This arrangement provides a conditioning effect to the cells (C1 to Cn) thereby enabling them to be activated more speedily. The invention is in particular applicable to plasma panels using luminophores of different colours.

IPC 1-7
H01J 17/49

IPC 8 full level
H01J 11/12 (2012.01); **H01J 11/36** (2012.01)

CPC (source: EP KR US)
H01J 11/12 (2013.01 - EP US); **H01J 11/36** (2013.01 - EP KR US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
FR 2764437 A1 19981211; FR 2764437 B1 19990827; DE 69831330 D1 20050929; EP 0988643 A1 20000329; EP 0988643 B1 20050824; JP 2002503384 A 20020129; KR 100616324 B1 20060828; KR 20010013568 A 20010226; TW 432351 B 20010501; US 6400079 B1 20020604; WO 9857347 A1 19981217

DOCDB simple family (application)
FR 9707181 A 19970610; DE 69831330 T 19980605; EP 98929503 A 19980605; FR 9801153 W 19980605; JP 50175199 A 19980605; KR 19997011575 A 19980605; TW 87108736 A 19980603; US 44533899 A 19991207