

Title (en)
FLAT DISPLAY

Title (de)
FLACHE ANZEIGE

Title (fr)
ECRAN PLAT

Publication
EP 1096536 A1 20010502 (EN)

Application
EP 00921041 A 20000426

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Abstract (en)
A flat display device comprises first electrode (2) formed on a first substrate (1) by coating, an insulation layer (3) formed on the first substrate (1) by coating so as to cover the first electrode (2), wherein dielectric constant and thickness thereof are selected so as to block the function of a dielectric layer covering a discharge electrode of AC type PDP, second electrode (4) formed on the insulation layer (3) by coating such that it opposes and intersects the first electrode (2), so as to form matrix electrode in cooperation with the first electrode (2) via the insulation layer, plural island-like electrodes (6) formed in the vicinity of the second electrode (4) on the insulation layer (3) and connected to the first electrode (2) through each conductor (26) passing through the insulation layer (3), and dielectric layer (7) formed on the insulation layer by coating such that it covers the second electrode (4) and the plural island-like electrodes (6), wherein discharge is selectively conducted between the second electrode (4) and the plural island-like electrodes (6) located in the vicinity of the second electrode (4) of the plural island-like electrodes (6). Consequently, there is a flat display device of a simple structure thereby securing an easy production and cheap price, in which discharge operation is stabilized and cross-talk between adjacent display cells is difficult to occur thereby securing a high resolution. <IMAGE>

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H01J 11/02; H01J 17/49

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