

Title (en)  
Mounting of spacers in a flat display

Title (de)  
Montieren von Abstandshaltern in einer flachen Anzeigetafel

Title (fr)  
Pose d'espaceurs dans un écran plat de visualisation

Publication  
**EP 0867912 A1 19980930 (FR)**

Application  
**EP 98410032 A 19980326**

Priority  
FR 9704096 A 19970328

Abstract (en)  
The flat screen display panel consists of two parallel plates defining between them an inter-electrode space. At least one of the parallel plates comprises small projecting tabs (20) in the active region. These tabs project a distance which is significantly less than the thickness of the space separating the two parallel plates. The tabs are grouped in either groups of three or four, and in such a group define a seating for a ball (23). The tabs may be aligned on the insulating lines which separate adjacent pixels of the screen, and may be in two pairs aligned along perpendicular axes. The ball serves as a spacer, defining the inter-electrode space and ensuring a uniform separation.

Abstract (fr)  
L'invention concerne un écran plat de visualisation constitué de deux plaques parallèles, définissant un espace inter-électrodes, au moins une première plaque de l'écran comportant, hors de zones actives, des plots (20) saillants en direction d'une deuxième plaque et d'une épaisseur nettement inférieure à l'épaisseur de l'espace inter-électrodes, les plots étant répartis par groupes d'au moins trois plots pour constituer des logements (22) de réception de billes (23) de définition de l'espace inter-électrodes. <IMAGE>

IPC 1-7  
**H01J 29/82**

IPC 8 full level  
**H01J 29/87** (2006.01); **G09F 9/30** (2006.01); **H01J 9/18** (2006.01); **H01J 29/02** (2006.01); **H01J 31/12** (2006.01)

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Citation (search report)

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