

Title (en)  
FLAT DISPLAY DEVICE

Publication  
**EP 0391140 A3 19910807 (DE)**

Application  
**EP 90105333 A 19900321**

Priority  
DE 3911343 A 19890407

Abstract (en)  
[origin: EP0391140A2] A flat display device has a control arrangement (38) which is held by a frame (18). The frame is connected to the front plate (11) of the display device via a spring arrangement (39, 40, 37). In contrast, an arrangement having cathode wires (25) is mounted on the trough (12) of the device. If the trough is placed on the front plate, contact springs (44) on a contact strip (43) on the said frame of the control arrangement make contact with contacts on a mating contact strip (46) on the trough. In consequence, contact can be made with the control arrangement with a single-piece trough, although the latter is mounted on the front plate. Since the control arrangement is connected to a stable frame, it can be mounted in the interior of the display device in a versatile manner. <IMAGE>

IPC 1-7  
**H01J 31/12**

IPC 8 full level  
**H01J 29/02** (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP)  
**H01J 29/028** (2013.01); **H01J 31/126** (2013.01); **H01J 2329/00** (2013.01)

Citation (search report)  
• [XP] EP 0311938 A2 19890419 - GRAETZ NOKIA GMBH [DE]  
• [A] EP 0250821 A2 19880107 - STANDARD ELEKTRIK LORENZ AG [DE]

Cited by  
DE4202841A1; EP0964424A4; US6285121B1

Designated contracting state (EPC)  
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**EP 0391140 A2 19901010; EP 0391140 A3 19910807; DE 3911343 A1 19901011**

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