

Title (en)  
Display device

Title (de)  
Anzeigevorrichtung

Title (fr)  
Dispositif de visualisation

Publication  
**EP 0589523 B1 19971217 (EN)**

Application  
**EP 93202700 A 19930917**

Priority  
• EP 93202700 A 19930917  
• EP 92202948 A 19920925

Abstract (en)  
[origin: EP0589523A1] By incorporating two-pole circuits (13) as switching elements in a picture display device based on field emission, the emission (and hence the picture intensity) is substantially defined by the charge of a capacitance (15) associated with a part of a pixel (8). Charge-controlled drive leads to a more accurate adjustment than the voltage-controlled drive used until now and leads to lower drive voltages, less power consumption and a longer lifetime of the phosphors used in the display device. <IMAGE>

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

IPC 8 full level  
**G09G 3/22** (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP)  
**G09G 3/22** (2013.01); **H01J 31/127** (2013.01); **G09G 2300/08** (2013.01); **H01J 2201/319** (2013.01)

Cited by  
US5945968A; EP0798691A1; FR2809862A1; US5844370A; US6195076B1; WO9810457A1; WO9831000A1; US6713970B2; US6266034B1; US6356250B1

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