

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

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0589523 A1 19940330; EP 0589523 B1 19971217

DOCDB simple family (application)
EP 93202700 A 19930917