

Title (en)

Anode switching in a flat panel display

Title (de)

Anodenschaltanordnung für eine flache Anzeigetafel

Title (fr)

Commutation d'une anode d'écran plat de visualisation

Publication

**EP 0747874 A1 19961211 (FR)**

Application

**EP 96410066 A 19960604**

Priority

FR 9507016 A 19950608

Abstract (en)

The screen has an anode with luminophores on at least two sets of conductive strips which are bombarded with electrons from microprints of the cathode. Each set in turn is switched by the control circuit to a voltage below the minimum value of the cathode bias. The circuit incorporates two complementary MOSFETs (MP,MN) with gate electrodes addressed by control signals (CP,CN) via series resistors (R3,R4) and capacitors (C1,C2). The source of the n-channel MOSFET is returned to a negative voltage (VAI) below the minimum potential of the cathode microprints. This maximum amplitude of negative pulses is fixed by the value of an additional Zener diode (DZ2).

Abstract (fr)

L'invention concerne un écran plat de visualisation du type comportant une cathode à micropointes de bombardement électronique d'une anode pourvue d'au moins deux ensembles de bandes conductrices alternées portant des éléments luminophores et un circuit de commande propre à adresser séquentiellement chacun desdits ensembles, ledit circuit de commande comportant des moyens pour porter, au moins temporairement, chaque ensemble de bandes conductrices à un potentiel inférieur à un potentiel minimal de polarisation des micropointes de la cathode. <IMAGE>

IPC 1-7

**G09G 3/22**

IPC 8 full level

**H01J 31/12** (2006.01); **G09G 3/22** (2006.01)

CPC (source: EP US)

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Citation (search report)

[A] EP 0349426 A1 19900103 - COMMISSARIAT ENERGIE ATOMIQUE [FR]

Cited by

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