

Title (en)

Electronic fluorescent display system.

Title (de)

Elektronisches Fluoreszenzanzeigesystem.

Title (fr)

Appareil de visualisation électronique fluorescent.

Publication

EP 0446041 A2 19910911 (EN)

Application

EP 91301882 A 19910306

Priority

- CN 90101232 A 19900306
- US 65786791 A 19910225

Abstract (en)

A cathodoluminescent device (101) employs elongated grid electrodes (105) such as small gauge wires for addressing and controlling the brightness of the display, thereby increasing the osmotic coefficient of the grid electrodes (105). End portions of the cathode filaments (104) are bent into springs to reduce cold terminal effects. The edges of the face plate (108) of the device are curved to reduce the visual effects of mosaic slots. The display may be operated at low anode voltage with increased luminescence so that full screen scanning is possible. Different sections of narrow strips (111) forming a staggered structure strengthens the integrity of the device and reduces dark areas in the display. <IMAGE>

IPC 1-7

H01J 31/12; H01J 31/15

IPC 8 full level

H01J 1/18 (2006.01); **H01J 29/02** (2006.01); **H01J 31/12** (2006.01); **H01J 31/15** (2006.01); **G02F 1/13357** (2006.01)

CPC (source: EP)

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