

Title (en)

Electroluminescent display drive circuitry.

Title (de)

Treiberschaltung für eine Elektrolumineszenzanzeigetafel.

Title (fr)

Circuit de commande pour un panneau électroluminescent.

Publication

EP 0277254 A1 19880810 (EN)

Application

EP 87101375 A 19870202

Priority

EP 87101375 A 19870202

Abstract (en)

An electroluminescent display drive circuit which compensates for the decrease in capacitance of the electroluminescent display panel that is experienced as the panel ages; this is accomplished by use of an RC time constant which will effectively increase the voltage presented across the electroluminescent display panel as the capacitive element of the RC time constant decreases with age of the panel. Also presented is high frequency power supply to excite electroluminescent displays without a transformer such that the voltage across the display is in phase with the current through the display thereby reducing the effect of power factor and electromagnetic interference.

IPC 1-7

G09G 3/30; G09G 3/12

IPC 8 full level

G09G 3/02 (2006.01); **G09G 3/30** (2006.01)

CPC (source: EP)

G09G 3/02 (2013.01); **G09G 3/30** (2013.01); G09G 2310/0267 (2013.01); G09G 2310/0275 (2013.01); G09G 2320/043 (2013.01)

Citation (search report)

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- [A] GB 2105085 A 19830316 - SHARP KK [JP]
- [A] FR 2473207 A1 19810710 - GTE LABORATORIES INC [US]
- [A] PROCEEDING OF THE SOCIETY FOR INFORMATION DISPLAY, vol. 18, no. 2, second quarter 1977, pages 125-133, K.O. FUGATE: "High display viewability provided by thin-film EL, black layer, and TFT drive"

Cited by

AU648693B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0277254 A1 19880810

DOCDB simple family (application)

EP 87101375 A 19870202