

Publication

**EP 0729128 A3 19960911**

Application

**EP 96410011 A 19960208**

Priority

FR 9502066 A 19950217

Abstract (en)

[origin: EP0729128A2] A flat display screen has a micro-point cathode (1) and a grid (3) with corresponding holes. The anode (5) is organised in red, green, and blue columns (7) and their supply polarity is individually controlled by switching (21) and counting (22) units. The counting unit (22) produces a potential proportional to the charge on the individual anode column and this is compared to a preset threshold value of brilliance (LUM) by an operational amplifier within the switching unit (21). When the threshold is reached the applied potential is reduced to earth preventing any further increase in brilliance.

IPC 1-7

**G09G 3/22**

IPC 8 full level

**H04N 5/70** (2006.01); **G09G 3/22** (2006.01); **G09G 3/30** (2006.01); **H01J 31/12** (2006.01); **G09G 3/20** (2006.01)

CPC (source: EP US)

**G09G 3/22** (2013.01 - EP US); **G09G 3/2014** (2013.01 - EP US); **G09G 2310/027** (2013.01 - EP US)

Citation (search report)

- [A] US 5008657 A 19910416 - HANSON CHARLES M [US], et al
- [A] EP 0349426 A1 19900103 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- [A] EP 0345148 A1 19891206 - COMMISSARIAT ENERGIE ATOMIQUE [FR]

Cited by

US5945968A; US7663618B2; WO0014708A3; WO9831000A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0729128 A2 19960828**; **EP 0729128 A3 19960911**; FR 2730843 A1 19960823; FR 2730843 B1 19970509; JP H08265674 A 19961011; US 6020864 A 20000201

DOCDB simple family (application)

**EP 96410011 A 19960208**; FR 9502066 A 19950217; JP 5257296 A 19960216; US 60208496 A 19960215