

Title (en)

CATHODE RAY TUBE FOR COLOR DISPLAY

Publication

**EP 0237005 A3 19881012 (EN)**

Application

**EP 87103329 A 19870309**

Priority

- JP 5291786 A 19860311
- JP 24456286 A 19861015

Abstract (en)

[origin: EP0237005A2] An electron gun has a G2 electrode having a horizontally positioned oblong groove thereon and three apertures for passing three electron beams, which are disposed on a bottom of said groove, and intensity of an electric field on the axis of each electron gun between the G2 electrode (12) and a G3 electrode, diameters of respective apertures of a G1 electrode (11), the G2 electrode (12) and the G3 electrode (13), distance interval between an emitter and the G1 electrode (11), between the emitter and the G2 electrode (12) and between the G1 electrode (11) and the G2 (12) are selected in a predetermined relation, and thereby a generation of moire image interference fringes are prevented.

IPC 1-7

**H01J 29/50**

IPC 8 full level

**H01J 29/50** (2006.01)

CPC (source: EP)

**H01J 29/503** (2013.01); **H01J 2229/4865** (2013.01); **H01J 2229/4872** (2013.01)

Citation (search report)

- [A] EP 0117475 A1 19840905 - MATSUSHITA ELECTRONICS CORP [JP]
- [A] EP 0111872 A1 19840627 - MATSUSHITA ELECTRONICS CORP [JP]
- [A] GB 2020092 A 19791107 - RCA CORP
- [A] FR 2437062 A1 19800418 - RCA CORP [US]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 48 (E-6)[530], 12th April 1980, page 107 E 6; & JP-A-55 019 730 (MATSUSHITA DENSHI KOGYO K.K.) 12-02-1980

Cited by

KR100418934B1; EP0691672A1; NL8902679A; EP0441486A3; FR2644628A1; WO9635224A1; WO9011612A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0237005 A2 19870916; EP 0237005 A3 19881012**

DOCDB simple family (application)

**EP 87103329 A 19870309**