

Title (en)
cathode ray tube for color display.

Title (de)
Farbbildröhre.

Title (fr)
Tube image couleur.

Publication
EP 0237005 A2 19870916 (EN)

Application
EP 87103329 A 19870309

Priority
• JP 5291786 A 19860311
• JP 24456286 A 19861015

Abstract (en)
An electron gun has a G2 electrode having a horizontally positioned oblong groove thereon and three aperturs 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.

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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)

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

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DE FR GB

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