

Title (en)

Color cathode ray tube provided with a beam convergence adjustment device

Title (de)

Mit einer Justiervorrichtung, zur Konvergierung eines Strahlenbündels versehene Farbkathodenstrahlröhre

Title (fr)

Tube à rayons cathodiques couleur pourvu d'un dispositif d'ajustement pour la convergence d'un faisceau

Publication

EP 0843333 A3 19990602 (EN)

Application

EP 97119888 A 19971113

Priority

JP 30271496 A 19961114

Abstract (en)

[origin: EP0843333A2] A color cathode ray tube includes an evacuated envelope (1) formed of a panel portion (1A) carrying a phosphor screen (4) on an inner surface thereof, a neck portion (1B), a funnel portion (1C) connecting the panel portion and the neck portion, a three-beam, in-line type electron gun (2) housed in the neck portion for generating a center electron beam and two side electron beams, a deflection device (6), adjustable magnetic field producing device (7, 12) mounted on the neck portion for moving the two side electron beams in mutually opposing directions, and a magnetic structure mounted on the neck portion for producing such a fixed magnetic field as to move the two side electron beams in mutually opposing directions. <IMAGE>

IPC 1-7

H01J 29/70

IPC 8 full level

H01J 31/20 (2006.01); **H01J 29/54** (2006.01); **H01J 29/68** (2006.01)

CPC (source: EP)

H01J 29/68 (2013.01); **H01J 2229/5682** (2013.01); **H01J 2229/703** (2013.01)

Citation (search report)

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EP1117123A1; EP1503397A3; US6448706B1; US7038368B2

Designated contracting state (EPC)

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