

Title (en)  
Color cathode ray tube apparatus

Title (de)  
Farbbildröhre

Title (fr)  
Tube à rayons cathodiques couleur

Publication  
**EP 0348912 B1 19970305 (EN)**

Application  
**EP 89111701 A 19890627**

Priority  
JP 15697488 A 19880627

Abstract (en)  
[origin: EP0348912A2] Magnets (56a, 56b, 110a, 110b, 112a, 112b) for applying a pincushion type magnetic field to three electron beams emitted from an electron gun assembly (42) is arranged between the deflection device and the lens unit of the electron gun assembly. The pincushion type stationary magnetic field produced by the magnets correct deflection aberrations of the electron beams due to the magnetic field of the deflection device and improves the focusing characteristic on the periphery of a screen (46).

IPC 1-7  
**H01J 29/56**; **H01J 29/76**

IPC 8 full level  
**H01J 29/56** (2006.01); **H01J 29/76** (2006.01)

CPC (source: EP KR)  
**H01J 29/566** (2013.01 - EP); **H01J 29/76** (2013.01 - EP KR)

Cited by  
EP1231625A4; EP0456224A3

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0348912 A2 19900103**; **EP 0348912 A3 19910710**; **EP 0348912 B1 19970305**; CN 1017483 B 19920715; CN 1039148 A 19900124; DE 68927809 D1 19970410; DE 68927809 T2 19970904; KR 900000962 A 19900131; KR 920000940 B1 19920131

DOCDB simple family (application)  
**EP 89111701 A 19890627**; CN 89104457 A 19890626; DE 68927809 T 19890627; KR 890008785 A 19890626