

Title (en)

CATHODE RAY TUBE WITH MAGNETIC RING

Publication

**EP 0068182 B1 19851127 (DE)**

Application

**EP 82104948 A 19820605**

Priority

DE 3123298 A 19810612

Abstract (en)

[origin: CA1194076A] Cathode-Ray Tube with Magnetic Ring A cathode-ray tube 10 with a deflection system 15 and an electron gun 14 having a magnetic ring 19 attached thereto is designed so that the magnetic ring 19 is not covered by the deflection system 15. To achieve this, the magnetic ring 19 is placed further to the back of the colour-picture tube 10 than in conventional tubes, and/or the deflection system 15 is made shorter at the back. On an adjusting apparatus comprising both a magnetizing device and a deflection-system-positioning device, the magnetization of the magnetic ring and the positioning of the deflection system of such a tube 10 can be performed simultaneously and independent of each other. The measure can be taken on all tubes having a deflection system 15 and a magnetic ring 19 for adjusting the positions of at least two electron beams; in the case of colour-picture tubes, colour purity and static convergence are adjusted with such a ring.

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IPC 8 full level

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