

Title (en)

Cathode ray tube displays having saddle-type deflecting coils

Title (de)

Kathodenstrahlröhrenanzeige mit Ablenkeinheit vom Satteltyp

Title (fr)

Dispositif d'affichage à tube à rayons cathodiques avec bobines de deflexion du type à selle

Publication

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Application

EP 96112723 A 19960807

Priority

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Abstract (en)

[origin: EP0823723A1] A cathode ray tube display which can reduce the temperature rise of its deflection yoke, not by using either extra-fine wires or litz wires but by increasing the heat radiation of its saddle-type coils, is provided. A deflection yoke (8) arranged in the rear periphery of a cathode ray tube display main body (1) comprises a saddle-type horizontal coil (4), an insulating frame (5) located outside of the saddle-type horizontal coil (4), a saddle-type vertical coil (6) and a ferrite core (7) located outside the insulating frame (5). The surface of the saddle-type horizontal coil (4) is partially exposed from the screen-side end face (9) of the ferrite core (7) toward the screen, and the surface area of the exposed part is predetermined to be from 100 to 298cm². Similarly, the exposed surface area of the saddle-type vertical coil (6) is predetermined to be from 55 to 185cm². <IMAGE>

IPC 1-7

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IPC 8 full level

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