

Title (en)

Device for suppression of leakage of magnetic flux in display apparatus.

Title (de)

Vorrichtung zum Eliminieren von magnetischen Streufeldern in Bildwiedergabeeinrichtungen.

Title (fr)

Dispositif d'élimination de champs de fuite magnétiques dans des dispositifs de visualisation.

Publication

EP 0348205 B1 19951011 (EN)

Application

EP 89306338 A 19890623

Priority

JP 15641188 A 19880624

Abstract (en)

[origin: EP0348205A2] There is disclosed a device for suppression of leakage flux from a deflecting yoke, which is assembled in a display apparatus having a cathode ray tube (a CRT) for displaying an image by radiation of an electron beam from an electron gun to a fluorescent display surface, and the deflecting yoke having some coils arranged at a rear portion of the CRT and for deflecting the electron beam. The device comprises two cancelling wires (5a, 5b) which are disposed at the inner sides of upper and lower ends in front of the CRT and connected in parallel for generating cancellation flux to negate the leakage flux from the coils, and a control circuit (10) for controlling the cancellation flux generated by the wires in the manner that the leakage flux from a face-plate of the CRT is reduced by regulation of current value supplied to the wires.

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US5959392A; US5200673A; EP0547856A1; US5485056A; EP0466064A1; WO9623315A1

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