

Title (en)

Method and device for suppression of leakage of magnetic flux in display apparatus

Title (de)

Verfahren und Vorrichtung zur Unterdrückung des Streufeldes in Anzeigegeräten

Title (fr)

Méthode et dispositif pour supprimer des fuites de flux magnétique d'un appareil d'affichage

Publication

EP 0371618 B1 19970115 (EN)

Application

EP 89311241 A 19891031

Priority

JP 27467288 A 19881031

Abstract (en)

[origin: EP0371618A1] A device for suppression of leakage of the magnetic flux in a cathode ray tube display apparatus which comprises at least a cathode ray tube having a face plate and horizontal beam deflection circuit generating the leakage, the deflection circuit comprising a pair of upper and lower coils each of which has a bend-up section producing a first magnetic field which deflects an electron beam of the cathode ray tube, and a second magnetic field produced as the leakage the first and second magnetic field forming a boundary plane therebetween, so that two boundary planes are formed of said upper and lower deflection coils, respectively, said device comprising; a pair of conductors each of which has a main portion and a lead portion connected to the main portion, said main portion of the pair of conductors being disposed approximately within said boundary plane and along approximately top and bottom rims of the face plate, respectively, said lead portion of the pair of conductors disposed along a side wall of a funnel of the cathode ray tube in such a form that one end of the lead portion is bent along a side rim of the face plate to couple with said main portion and another end of the lead portion extends toward a rear of the horizontal beam deflector, the pair of conductors being driven with a current proportional to a horizontal deflection current flowing through the horizontal beam deflectors.

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