

Title (en)

Cathode ray tube display monitor with stray magnetic field compensation.

Title (de)

Kathodenstrahlmonitor mit Kompensation für magnetische Streufelder.

Title (fr)

Moniteur d'affichage à tube cathodique avec compensation des fuites du champ magnétique.

Publication

**EP 0349098 A1 19900103 (EN)**

Application

**EP 89303223 A 19890418**

Priority

EP 88305986 A 19880630

Abstract (en)

The stray low frequency magnetic field (S) from an electromagnetic yoke assembly (2) which is produced in front of the CRT (1) screen (3) is compensated with a pair of coils (5 and 6) whose axes are inclined to one another to intersect on the side of the coils remote from the CRT screen. Preferably the coil axes intersect on the axis (4) of the CRT and are equally inclined thereto. Optionally, the stray magnetic field (S) is sensed by a sensing coils (8 and 9) connected in a feedback loop to control the current in the compensating coils (5 and 6).

IPC 1-7

**H01J 29/76**

IPC 8 full level

**H04N 9/29** (2006.01); **H01J 29/00** (2006.01); **H01J 29/76** (2006.01)

CPC (source: EP)

**H01J 29/003** (2013.01); **H01J 29/76** (2013.01); **H01J 2229/0015** (2013.01)

Citation (search report)

- [AD] WO 8705437 A1 19870911 - BLIXT AUTOVISION [SE]
- [A] EP 0258891 A2 19880309 - DENKI ONKYO CO LTD [JP]
- [A] EP 0039502 A1 19811111 - SIEMENS AG [DE]
- [X] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 30, no. 12, May 1988, pages 9-10, New York, US; "Cancellation of leaked magnetic flux"

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Designated contracting state (EPC)

DE FR GB

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**EP 0349098 A1 19900103**; EP 0348571 A1 19900103; JP H0246085 A 19900215; JP H048997 B2 19920218

DOCDB simple family (application)

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