

Title (en)

Compensation of the electrical alternating field at the face of cathode ray picture tubes

Title (de)

Kompensation des elektrischen Wechselfeldes an der Frontfläche von Kathodenstrahl-Bildröhren

Title (fr)

Compensation du champ alternant sur le front de tubes images à rayons cathodiques

Publication

EP 0523322 B1 19960508 (DE)

Application

EP 92105012 A 19920323

Priority

DE 4123565 A 19910716

Abstract (en)

[origin: US5243262A] A method and apparatus for compensating the alternating electrical fields present at the front surface of a cathode ray picture tube wherein the high-voltage signal supplied to the high-voltage terminal of the tube is tapped to extract an alternating voltage signal therefrom, and the alternating voltage signal is inverted and amplified and then applied to a suitable external electrode placed in the proximity of the picture tube. The external electrode can be a framing band, an aquadag region or a ring electrode, among other things. Furthermore, combination of these electrodes can be employed.

IPC 1-7

H01J 29/98; H04N 9/29; H01J 29/00

IPC 8 full level

H01J 29/02 (2006.01); **H01J 29/00** (2006.01); **H01J 29/88** (2006.01); **H01J 29/98** (2006.01); **H04N 9/29** (2006.01)

CPC (source: EP US)

H01J 29/003 (2013.01 - EP US); **H01J 29/98** (2013.01 - EP US); **H01J 2229/0015** (2013.01 - EP US)

Citation (examination)

- EP 0500349 A1 19920826 - NANA O CORP [JP]
- EP 0498589 A2 19920812 - SALCOMP OY [FI]

Cited by

GB2279216A; EP0630036A1; EP0602983B1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

DE 4123565 C1 19920917; DE 59206213 D1 19960613; EP 0523322 A1 19930120; EP 0523322 B1 19960508; FI 922163 A0 19920513; FI 922163 A 19930117; JP H05242821 A 19930921; NO 921821 D0 19920508; NO 921821 L 19930118; US 5243262 A 19930907

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