

Title (en)

METHOD FOR CENTRING AND DIMENSIONING AN IMAGE ON A CATHODE-RAY TUBE

Title (de)

VERFAHREN ZUR ZENTRIERUNG UND ZUR DIMENSIONIERUNG EINES BILDES AUF EINER KATHODENSTRAHLRÖHRE

Title (fr)

PROCEDE DE CENTRAGE ET DE DIMENSIONNEMENT D'UNE IMAGE SUR UN TUBE CATHODIQUE

Publication

EP 1316082 A1 20030604 (FR)

Application

EP 01967457 A 20010907

Priority

- FR 0102790 W 20010907
- FR 0011482 A 20000908

Abstract (en)

[origin: WO0221491A1] The invention concerns a method which consists in: (a) measuring (50) the times (T1HAV, T2HAV) of the black vertical edges of the image and modifying step-by-step the adjustment (HPOS) of the horizontal centring to obtain equal vertical lateral edges; (b) measuring (52) the times (T1HAV and T2HAV) of the black vertical edges of the image to calculate the adjustment (HSIZE) of the horizontal dimension of the image so as to eliminate the black vertical edges; (c) measuring (54) the times (T1VAV and T2VAV) of the horizontal edges of the image to calculate the adjustment of the vertical dimension of the image (VSIZE') and the adjustment of the vertical centring of the image (VPOS') so as to eliminate the black horizontal edges and in centring the image vertically; and (d) recording (56) the adjustment values obtained (HPOS, HSIZE, VSIZE' and VPOS) in a display calculator storage.

IPC 1-7

G09G 1/16; **H04N 3/227**

IPC 8 full level

G09G 1/16 (2006.01); **G09G 5/00** (2006.01); **G09G 5/38** (2006.01); **H04N 3/227** (2006.01)

CPC (source: EP US)

G09G 5/006 (2013.01 - EP US); **H04N 3/227** (2013.01 - EP US); **G09G 2320/08** (2013.01 - EP US); **G09G 2340/0485** (2013.01 - EP US)

Citation (search report)

See references of WO 0221491A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0221491 A1 20020314; EP 1316082 A1 20030604; FR 2813983 A1 20020315; FR 2813983 B1 20021220; US 2004012716 A1 20040122; US 7215378 B2 20070508

DOCDB simple family (application)

FR 0102790 W 20010907; EP 01967457 A 20010907; FR 0011482 A 20000908; US 34454603 A 20030211