

Title (en)

Colour television or colour monitor with flat screen

Title (de)

Farbfernsehgerät oder Farbmonitor mit flachem Bildschirm

Title (fr)

Téléviseur-couleur ou moniteur en couleur à écran plat

Publication

EP 0975003 B1 20030129 (DE)

Application

EP 98113322 A 19980716

Priority

EP 98113322 A 19980716

Abstract (en)

[origin: EP0975003A1] The cathode ray tube television/monitor has an electron lens system (49) for changing the separation between electron beams at a deflection unit (46) or electron gun (42) of the tube. An electron lens controller (48) controls the lens system according to deflection control signals (47) or synchronization pulses (44) of a video signal (40). The lens controller sets the beam separation according to an expression incorporating parameters determined by the dimensional structure of the cathode ray tube. The electron lens system is formed by a double magnetic quadrupole.

IPC 1-7

H01J 29/70

IPC 8 full level

H01J 29/70 (2006.01)

CPC (source: EP US)

H01J 29/70 (2013.01 - EP US)

Citation (examination)

WO 9744808 A1 19971127 - PHILIPS ELECTRONICS NV [NL], et al

Cited by

EP1209718A1; EP1026900A3; WO0033349A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0975003 A1 20000126; EP 0975003 B1 20030129; DE 59807070 D1 20030306; US 6483558 B1 20021119

DOCDB simple family (application)

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