

Title (en)
CATHODE RAY TUBE WITH REDUCED DEPTH

Title (de)
KATHODENSTRAHLRÖHRE MIT VERRINGERTER BAUTIEFE

Title (fr)
TUBE CATHODIQUE A PROFONDEUR REDUITE

Publication
EP 1550143 A1 20050706 (EN)

Application
EP 03748091 A 20030920

Priority

- EP 03748091 A 20030920
- EP 0310697 W 20030920
- EP 02079576 A 20021002

Abstract (en)
[origin: WO2004032173A1] A cathode ray tube (1) comprises a panel portion (2), a funnel portion (3) and a neck portion (4) with an electron gun (5). The screen of the cathode ray tube has a diagonal D of more than 28 inches. The panel portion (2) has a seal edge (21a) with a thickness (Tshort) at the end of the short axis of 0.019D to 0.0275D, where D is the length of the diagonal of the screen, and a front part (22) having a thickness (Tfront) at least 10% smaller than the thickness (Tshort) of the edge of the panel portion. The depth of the cathode ray tube at a point halfway between the centre of the screen and the end of the diagonal is less than 0.3D ($HD/4 < 0.3D$).

IPC 1-7
H01J 29/86

IPC 8 full level
H01J 29/86 (2006.01)

CPC (source: EP)
H01J 29/861 (2013.01); **H01J 2229/862** (2013.01)

Citation (search report)
See references of WO 2004032173A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004032173 A1 20040415; AU 2003267412 A1 20040423; CN 100343940 C 20071017; CN 1708825 A 20051214; EP 1550143 A1 20050706

DOCDB simple family (application)
EP 0310697 W 20030920; AU 2003267412 A 20030920; CN 03825522 A 20030920; EP 03748091 A 20030920