

Title (en)
CATHODE RAY TUBE WITH REDUCED DEPTH

Title (de)
KATHODENSTRAHLRÖHRE MIT VERRINGERTER BAUTIEFE

Title (fr)
TUBE CATHODIQUE A PROFONDEUR REDUITE

Publication
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Application
EP 03748091 A 20030920

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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 ($HD/4 < 0.3D$).

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See references of WO 2004032173A1

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