

Title (en)

Cathode ray tube comprising a display window.

Title (de)

Elektronenstrahlröhre mit Bildfenster.

Title (fr)

Tube à rayons cathodiques avec fenêtre d'image.

Publication

EP 0516218 B1 19951025 (EN)

Application

EP 92201429 A 19920520

Priority

- EP 92201429 A 19920520
- EP 91201277 A 19910529
- EP 92200351 A 19920210

Abstract (en)

[origin: EP0516218A1] A cathode ray tube comprising a curved substantially rectangular display window, the outside surface and/or inside surface of the display window being given by: $z = f(X, Y)$ where each point situated off the x-axis and the y-axis complies with the formula $-2\sqrt{zxxzxy/\text{sign}XY} < zxy/\text{sign}XY < 0$ where $zxx = \text{DIFFERENTIAL}^2 z / \text{DIFFERENTIAL}^2 X$, $zyy = \text{DIFFERENTIAL}^2 z / \text{DIFFERENTIAL}^2 Y$ and $zxy = \text{DIFFERENTIAL}^2 z / (\text{DIFFERENTIAL} X \text{ DIFFERENTIAL} Y)$ $\text{sign}XY = +1$ for $X*Y > 0$, and $\text{sign}XY = -1$ for $X*Y < 0$. An improved reflection image of linear light sources is obtained. <IMAGE>

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)

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

EP 0516218 A1 19921202; EP 0516218 B1 19951025

DOCDB simple family (application)

EP 92201429 A 19920520