

Title (en)

Cathode ray tube.

Title (de)

Kathodenstrahlröhre.

Title (fr)

Tube à rayons cathodiques.

Publication

EP 0113113 A1 19840711 (EN)

Application

EP 83113068 A 19831223

Priority

- JP 12251483 A 19830705
- JP 23412982 A 19821229
- JP 23413082 A 19821229

Abstract (en)

In a cathode ray tube comprising an electron gun having a cathode 1 and five grids (G1, G2, G3, G4 and G5), the first grid (G1) being a control grid, and the fifth grid (G5) being a final acceleration grid and the second grid (G2) being an acceleration grid, the third grid (G3) is impressed with a higher potential than the neighboring second grid (G2) and the fourth grid (G4), thereby producing an axial potential distribution profile having a maximum point at the region of the third grid (G3), to provide a steeply rising electric field in the beam forming part near the cathode, and on the other hand producing a gently changing potential distribution after the third grid (G3).

IPC 1-7

H01J 29/48; H01J 29/62

IPC 8 full level

H01J 29/48 (2006.01)

CPC (source: EP)

H01J 29/488 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

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