

Title (en)

Electron gun for a color picture tube.

Title (de)

Elektronenkanone für eine Farbbildröhre.

Title (fr)

Canon à électrons pour tube image couleur.

Publication

EP 0655763 A1 19950531 (EN)

Application

EP 94118716 A 19941128

Priority

KR 930026168 A 19931130

Abstract (en)

The gun according to present invention has a triple electrodes part as a source of the electron beam, and prefocusing and main lens part for focusing and accelerating the beam. The prefocusing lens part includes a plurality of focusing electrodes (21,22,23,24) for forming at least one quadrapole lens in which the intensity of vertical lens is weaker than that of horizontal lens. According to the present invention, the effect of the spherical aberration to the beam entering the main lens can be reduced. <IMAGE>

IPC 1-7

H01J 29/50

IPC 8 full level

H01J 29/48 (2006.01); **H01J 29/50** (2006.01)

CPC (source: EP KR)

H01J 29/50 (2013.01 - KR); **H01J 29/503** (2013.01 - EP); **H01J 2229/4841** (2013.01 - EP)

Citation (search report)

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- [PA] US 5281896 A 19940125 - BAE MIN-CHEOL [KR], et al
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Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

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EP 0655763 A1 19950531; CN 1108798 A 19950920; JP H0817359 A 19960119; KR 950015511 A 19950617

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