

Title (en)

ELECTRON TUBE OF COAXIAL CONSTRUCTION WITH CATHODE, GRID AND ANODE SHAPED AS CYLINDER OR CYLINDER SHELL, AND WITH AN EQUIPMENT ELIMINATING BREMSFELD OSCILLATION DISTURBANCES

Publication

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Application

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Priority

DE 3027756 A 19800722

Abstract (en)

[origin: US4501990A] Electron tube assemble having coaxial electrodes and grids, including a tube with given electrode trajectories and oscillation period, and interfering retarding-field effect elimination means disposed around the tube for generating a magnetic field having field lines running inside the tube substantially parallel to the electrodes and grids deflecting the trajectories of the electrons moving radially with respect to the anode during operation of the tube and substantially perpendicularly intersecting and elongating the trajectories of the electrons for increasing the oscillation period of the electrons and eliminating interfering retarding-field effects.

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