

Title (en)

CAPACITIVE COUPLING DEVICE FOR ELECTRONIC TUBES AND ELECTRONIC TUBE COMPRISING SUCH A DEVICE

Publication

**EP 0009431 B1 19811125 (FR)**

Application

**EP 79400611 A 19790904**

Priority

FR 7827254 A 19780922

Abstract (en)

[origin: US4302705A] A coupling electrode is placed within the vacuum envelope of an electron tube of coaxial geometry which is insulated from the anode of the tube by means of an insulator. The insulator is joined to the coupling electrode and the anode of the tube by means of flanged collars. One of these collars may serve to connect the coupling electrode to one or a number of external circuits. A capacitive coupling is established between a top cap of one grid of the tube, namely the grid cap located nearest the coupling electrode, and the coupling electrode. The distance and therefore the coupling capacitance between the grid cap and the coupling electrode can be made variable by mounting the coupling electrode on a deformable metallic bellows element.

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