

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.

IPC 1-7

H01J 19/78

IPC 8 full level

H01J 19/78 (2006.01)

CPC (source: EP US)

H01J 19/78 (2013.01 - EP US)

Designated contracting state (EPC)

CH DE GB NL

DOCDB simple family (publication)

EP 0009431 A1 19800402; EP 0009431 B1 19811125; DE 2961453 D1 19820128; FR 2437061 A1 19800418; FR 2437061 B1 19810227; US 4302705 A 19811124

DOCDB simple family (application)

EP 79400611 A 19790904; DE 2961453 T 19790904; FR 7827254 A 19780922; US 7677579 A 19790918