

Title (en)
COAXIAL RESONATORS FOR GRID TUBES

Publication
EP 0119362 B1 19870401 (FR)

Application
EP 83402411 A 19831213

Priority
FR 8221621 A 19821223

Abstract (en)
[origin: US4571525A] The means providing capacitive decoupling between the inside cylinder and a grid electrode are disposed at about one fourth of the wavelength of the highest operating frequency from the tube end of the inside cylinder. This is a current node, and dielectric losses at the highest frequency are thus greatly reduced. The match is less good at lower frequencies, but the corresponding dielectric losses are much less at lower frequencies. The first piston provides capacitive coupling between the first and second cavities whereby the entire outside cylinder may be maintained at ground potential.

IPC 1-7
H01P 7/04; **H01J 19/80**

IPC 8 full level
H01P 7/06 (2006.01); **H01J 19/80** (2006.01); **H01J 23/20** (2006.01); **H01P 7/04** (2006.01)

CPC (source: EP US)
H01J 19/80 (2013.01 - EP US); **H01P 7/04** (2013.01 - EP US)

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FR 2538612 A1 19840629; **FR 2538612 B1 19851004**; DE 3370724 D1 19870507; EP 0119362 A1 19840926; EP 0119362 B1 19870401; JP S59132540 A 19840730; US 4571525 A 19860218

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