

Publication

**EP 0753879 A3 19970129**

Application

**EP 96304941 A 19960704**

Priority

GB 9514005 A 19950710

Abstract (en)

[origin: EP0753879A2] An inductive output tube, such as an IOT has a generally cylindrical input cavity (7) within which an annular channel (32) is defined by part of the cavity wall (30) and other walls (33 and 34) to give a U-shaped cross-section. The channel (32) is substantially wholly filled with high frequency energy absorbing material such as ferrite loaded silicone rubber (35). This prevents unwanted oscillations and because of the large surface area of the channel in contact with the material (35) it is particularly efficient. Other configurations and locations of the channel (32) are also possible and the absorbing material may occupy only part of the channel (32) providing that it is in contact with the surfaces of the channel walls (30,33,34).

IPC 1-7

**H01J 25/04**; H01J 23/15; H01J 23/54

IPC 8 full level

**H01J 23/15** (2006.01); **H01J 23/54** (2006.01); **H01J 25/04** (2006.01)

CPC (source: EP)

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Citation (search report)

- [DXY] EP 0632481 A1 19950104 - EEV LTD [GB]
- [Y] EP 0652580 A1 19950510 - EEV LTD [GB]

Cited by

FR2767963A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**EP 0753879 A2 19970115**; **EP 0753879 A3 19970129**; CA 2180491 A1 19970111; CN 1149194 A 19970507; GB 2303244 A 19970212; GB 9514005 D0 19950906; GB 9613896 D0 19960904

DOCDB simple family (application)

**EP 96304941 A 19960704**; CA 2180491 A 19960704; CN 96110946 A 19960710; GB 9514005 A 19950710; GB 9613896 A 19960703