

Title (en)

Electron tube with cylindrical grid

Title (de)

Elektronenröhre mit zylinderförmigem Gitter

Title (fr)

Tube électronique à grille cylindrique

Publication

**EP 0456550 B1 19960522 (FR)**

Application

**EP 91401116 A 19910426**

Priority

FR 9005903 A 19900511

Abstract (en)

[origin: EP0456550A1] The invention relates to electron tubes with concentric cylindrical electrodes. <??>This tube includes at least one grid of mesh type, a grid cell (34) being defined by several bars (35) in contact via their ends, each point of contact producing a node (36). <??>So as to limit grid current, the area of a node is reduced. Only three bars (35) leave each node (36). The mesh cells (34) are hexagonal. <??>Application to power tubes of triode or tetrode type. <IMAGE>

IPC 1-7

**H01J 19/38**; **H01J 19/10**; **H01J 21/14**

IPC 8 full level

**H01J 19/38** (2006.01); **H01J 21/10** (2006.01)

CPC (source: EP US)

**H01J 19/38** (2013.01 - EP US); **H01J 21/10** (2013.01 - EP US)

Citation (examination)

- FR 2358011 A1 19780203 - THOMSON CSF [FR]
- US 4684994 A 19870804 - VRIJSEN GERARDUS A H M [NL], et al
- US 4767964 A 19880830 - MCGLOTHLAN J KIRK [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 91401116 A 19910426**; DE 69119645 T 19910426; FR 9005903 A 19900511; US 69272191 A 19910429