

Title (en)

Electron tube with cylindrical grid.

Title (de)

Elektronenröhre mit zylinderförmigem Gitter.

Title (fr)

Tube électronique à grille cylindrique.

Publication

**EP 0456550 A1 19911113 (FR)**

Application

**EP 91401116 A 19910426**

Priority

FR 9005903 A 19900511

Abstract (en)

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 19/10**; **H01J 19/38**; **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 (search report)

- [X] DE 868320 C 19530223 - SIEMENS AG
- [A] FR 2276681 A1 19760123 - THOMSON CSF [FR]
- [A] US 4546286 A 19851008 - HOLENSTEIN HANS [CH]

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

**EP 0456550 A1 19911113**; **EP 0456550 B1 19960522**; DE 69119645 D1 19960627; FR 2662020 A1 19911115; FR 2662020 B1 19960419; US 5225735 A 19930706

DOCDB simple family (application)

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