

Title (en)
ELECTRONIC TUBE, PARTICULARLY AN EMITTER TUBE

Publication
EP 0101108 B1 19870121 (DE)

Application
EP 83201027 A 19830712

Priority
CH 455482 A 19820727

Abstract (en)
[origin: US4546286A] In a cathode for a heavy-duty electron tube, the cathode wires (5) lying on the surface (11) of a cylinder between two rigidly constructed connector rings (7, 8) have the form of a surface line with changing pitch. The cathode wires are connected by a support ring (6). The thermal expansion of the cathode wires during operation results only in a shifting on the surface (11). In this manner the cylindrical shape of the cathode and thus the distance to the control grid are maintained without the expensive spring suspension device used in the cage cathode.

IPC 1-7
H01J 1/16; **H01J 19/10**

IPC 8 full level
H01J 1/16 (2006.01); **H01J 1/18** (2006.01)

CPC (source: EP US)
H01J 1/16 (2013.01 - EP US)

Cited by
GB2214705A

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0101108 A1 19840222; **EP 0101108 B1 19870121**; DE 3369423 D1 19870226; JP S5971233 A 19840421; US 4546286 A 19851008

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EP 83201027 A 19830712; DE 3369423 T 19830712; JP 13525983 A 19830726; US 51767883 A 19830727