

Title (en)
Electron tube.

Title (de)
Elektronenröhre.

Title (fr)
Tube à électrons.

Publication
EP 0637053 A3 19951122 (DE)

Application
EP 94202160 A 19940725

Priority
DE 4325609 A 19930730

Abstract (en)
[origin: EP0637053A2] The invention relates to an electron tube, in particular X-ray tube with a cathode arrangement which comprises an electron emitter which is connected to supporting pins which, in turn, are connected to the cathode structure in each case via one fastening element. In this case, particularly simple adjustment of the position of the heating filament results from the fact that the fastening elements in a first region are connected to cathode structures in a second region, which is at a distance from the first region, to the associated supporting pin and that the fastening elements have between the first and the second region a deformation region by means of the deformation of which the position of the electron emitter can be adjusted relative to the cathode structure. <IMAGE>

IPC 1-7
H01J 35/06

IPC 8 full level
H01J 35/06 (2006.01)

CPC (source: EP US)
H01J 35/064 (2019.04 - EP US)

Citation (search report)

- [XA] GB 490377 A 19380812 - STANDARD TELEPHONES CABLES LTD, et al
- [X] US 2113422 A 19380405 - COOLIDGE WILLIAM D
- [X] US 2123607 A 19380712 - LEE JAMES F
- [X] US 2130020 A 19380913 - MCEUEN HARRY B
- [DAA] EP 0273162 A2 19880706 - GEN ELECTRIC [US]
- [A] US 3631289 A 19711228 - PERRY JOHN T, et al
- [DA] PATENT ABSTRACTS OF JAPAN vol. 012, no. 348 (E - 659) 19 September 1988 (1988-09-19)

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0637053 A2 19950201; EP 0637053 A3 19951122; EP 0637053 B1 19990210; DE 4325609 A1 19950202; DE 59407791 D1 19990325; JP 3737530 B2 20060118; JP H07176281 A 19950714; US 5526396 A 19960611

DOCDB simple family (application)
EP 94202160 A 19940725; DE 4325609 A 19930730; DE 59407791 T 19940725; JP 17450194 A 19940726; US 26721094 A 19940708