

Title (en)

METHOD FOR SHORTENING THE HEATINGTIME OF AN INDIRECTLY HEATED CATHODE

Publication

**EP 0045932 B1 19860507 (DE)**

Application

**EP 81106086 A 19810804**

Priority

DE 3029853 A 19800807

Abstract (en)

[origin: US4401919A] To achieve an optimum reduction of the warmup time of a Wehnelt cathode, by maintaining a good efficiency, it is proposed to use as a cathode a triode system arranged within the usual cathode sleeve, with the inside of the base plate, on the outside of which the electron-emitting layer is deposited, serving as the anode, so that the electron-emitting layer is heated by the anode dissipation of the triode system.

IPC 1-7

**H01J 1/22**; H01J 9/08; H01J 1/20; H01J 29/04

IPC 8 full level

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