

Title (en)

HEATING ELEMENT FOR INDIRECTLY HEATED CATHODE

Publication

EP 0025946 B1 19850206 (DE)

Application

EP 80105443 A 19800912

Priority

DE 2938248 A 19790921

Abstract (en)

[origin: US4355259A] In a cathode heater, the portion of the coil adjacent to the emitting surface of the cathode has a smaller pitch or is covered with an oxide coating of lower capacity of heat per unit of length than the distant portion. As a result, the emitting surface is heated-up very quickly, and in a picture tube, for example, the picture comes on after a very short time. The heater according to the invention can be exchanged for a conventional heater without electrical and mechanical changes.

IPC 1-7

H01J 1/22; **H01J 29/04**

IPC 8 full level

H01J 1/22 (2006.01); **H01J 1/24** (2006.01)

CPC (source: EP US)

H01J 1/22 (2013.01 - EP US)

Designated contracting state (EPC)

BE FR GB IT NL

DOCDB simple family (publication)

EP 0025946 A1 19810401; **EP 0025946 B1 19850206**; DE 2938248 A1 19810326; JP S56103842 A 19810819; US 4355259 A 19821019

DOCDB simple family (application)

EP 80105443 A 19800912; DE 2938248 A 19790921; JP 12938580 A 19800919; US 18786580 A 19800917