Title (en)

ROTATING ANODE WITH A SURFACE COATING FOR X-RAY TUBES

Publication

EP 0168736 A3 19871119 (DE)

Application

EP 85108417 A 19850706

Priority

AT 228784 A 19840716

Abstract (en)

[origin: EP0168736A2] 1. A rotary X-ray anode having a ring-shaped focal track area comprised of a basic body (1), with or without a separate layer of the focal track area, made of high-melting metals and/or their alloys and a coating (2) made of high-melting compounds, said coating (2) applied to at least partial zones of said rotary X-ray anode and covering said focal track area, characterized in, that the thermal emissive coating (2) having a thickness in the range of 0.1 mu m and 2 mu m, whereby the source of the X-rays is remaining predominantly within the material of the focal track beneath the coating (2).

IPC 1-7

H01J 35/10

IPC 8 full level

H01J 9/14 (2006.01); **H01J 35/10** (2006.01)

CPC (source: EP US)

F04D 29/5806 (2013.01 - EP); **H01J 35/105** (2013.01 - EP US)

Citation (search report)

- [A] US 3037142 A 19620529 - ROGER GRIFFOUL, et al
- [A] US 4227112 A 19801007 - WAUGH JOHN S, et al
- [AD] FR 1371880 A 19640911 - THOMSON HOUSTON COMP FRANCAISE

Cited by

AT699U1; DE102008032995A1; EP0300808A3; CN117174557A

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0168736 A2 19860122; **EP 0168736 A3 19871119**; **EP 0168736 B1 19891004**; AT 381805 B 19861210; AT A228784 A 19860415; DE 3573488 D1 19891109; JP S6139352 A 19860225

DOCDB simple family (application)

EP 85108417 A 19850706; AT 228784 A 19840716; DE 3573488 T 19850706; JP 15686685 A 19850716