

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 μm and 2 μm , 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

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Designated contracting state (EPC)
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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

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