

Title (en)  
X-ray tube with rotary anode

Title (de)  
Drehanodenröntgenröhre

Title (fr)  
Tube à rayons X avec anode tournante

Publication  
**EP 0462657 B1 19960124 (DE)**

Application  
**EP 91201472 A 19910613**

Priority  
DE 4019614 A 19900620

Abstract (en)  
[origin: EP0462657A1] The invention relates to a rotating anode X-ray tube having means for changing, as a result of the operating mode, the thermal resistance of the heat dissipation path which dissipates heat from a rotating anode plate (2) via a bearing (5). The cooling time of the rotating anode plate is reduced without unacceptably increasing the bearing temperature, in that a device (7, 11) is provided by means of which the change in the thermal resistance is effected as a function of the temperature change, of a component (3, 7) which also rotates, resulting after switching off the electron beam. <IMAGE>

IPC 1-7  
**H01J 35/10**

IPC 8 full level  
**H01J 35/10** (2006.01)

CPC (source: EP US)  
**H01J 35/107** (2019.04 - EP US)

Cited by  
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**EP 0462657 A1 19911227; EP 0462657 B1 19960124**; DE 4019614 A1 19920102; DE 59107296 D1 19960307; JP 3065715 B2 20000717; JP H04248235 A 19920903; US 5146483 A 19920908

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**EP 91201472 A 19910613**; DE 4019614 A 19900620; DE 59107296 T 19910613; JP 14618791 A 19910618; US 71730391 A 19910618