

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>

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H01J 35/10

IPC 8 full level
H01J 35/10 (2006.01)

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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