

Title (en)

Motor stator shielding device for a rotating anode x-ray tube.

Title (de)

Motorstatorabschirmanordnung für eine Drehanode-Röntgenröhre.

Title (fr)

Dispositif de blindage d'un stator de moteur pour anode tournante de tube à rayons X.

Publication

EP 0509901 A1 19921021 (FR)

Application

EP 92401039 A 19920414

Priority

FR 9104734 A 19910417

Abstract (en)

The invention relates to rotating anode X-ray tubes. <??>The invention lies in the fact that the shielding of the stator is obtained by a first conductive layer (36) which is deposited on the external wall of an insulating bell-mouth (31) and which exhibits an electrical discontinuity (37) and by a second conductive layer (38) which is deposited on the internal wall of an insulating section 25, the bell-mouth and the section enveloping the stator 18 and thus creating an electrostatic shield against the high-frequency oscillations which result from the "crackling" of the tube. <??>The invention is applicable to tubes for radiology instruments. <IMAGE>

IPC 1-7

H01J 35/10; H01J 35/16

IPC 8 full level

H01J 35/10 (2006.01); **H01J 35/16** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [A] EP 0151878 A1 19850821 - TOSHIBA KK [JP]
- [A] GB 2094057 A 19820908 - RAYTHEON CO
- [A] US 2703373 A 19550301 - CUMMINGS HAROLD R

Designated contracting state (EPC)

DE NL

DOCDB simple family (publication)

EP 0509901 A1 19921021; EP 0509901 B1 19970305; DE 69217694 D1 19970410; DE 69217694 T2 19970703; FR 2675630 A1 19921023; FR 2675630 B1 19930716; JP 3266310 B2 20020318; JP H05135720 A 19930601; US 5206892 A 19930427

DOCDB simple family (application)

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