

Title (en)

Generator for the operation of the rotating anode of an x-ray tube.

Title (de)

Generator zum Betreiben einer Drehanoden-Röntgenröhre.

Title (fr)

Générateur pour le fonctionnement d'un tube à rayons x à anode tournante.

Publication

**EP 0401901 B1 19941102 (DE)**

Application

**EP 90201378 A 19900530**

Priority

DE 3918164 A 19890603

Abstract (en)

[origin: EP0401901A2] The invention describes a generator for driving a rotating-anode X-ray tube (1), whose rotor (12) and stator (13, 14, 15) carry the high-tension potential on the anode side. Such a generator can be designed particularly simply according to the invention in that an isolating transformer (4) is provided whose primary winding (41) can be connected to an AC voltage source (2, 3), in that the secondary winding (42) of the isolating transformer is coupled to a rectifier (51) for supplying an inverter (7) which generates the AC current for the stator windings (13, 14, 15) from the rectified voltage, and in that the inverter is electrically connected to the high-tension generator (91). <IMAGE>

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**H05G 1/66**

IPC 8 full level

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