Title (en)

X-RAY DIAGNOSTIC APPARATUS

Publication

EP 0226037 B1 19891025 (DE)

Application

EP 86115629 A 19861111

Priority

DE 3541612 A 19851125

Abstract (en)

[origin: US4731803A] A circuit for operating an X-ray tube, such as in a medical diagnostics apparatus, is connected with a high-voltage generator and a switch mechanism for connecting and disconnecting the X-ray tube to the high-voltage generator. A resistor is disposed in a circuit branch which can be connected in parallel across the X-ray tube by a switch controlled by the aforementioned switch mechanism. If the X-ray tube is disconnected from the power source, the switch closes the circuit branch and causes the resistor to be connected across the X-ray tube. As a result, the X-ray tube voltage decreases relatively quickly after the high-voltage is disconnected. The resistor across the X-ray tube may be a variable resistor, such as a high-voltage triode.

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H05G 1/56

IPC 8 full level

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CPC (source: EP US)

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EP 86115629 A 19861111; DE 3541612 A 19851125; DE 3666651 T 19861111; JP 18038686 U 19861121; US 91567386 A 19861006