

Title (en)

X-RAY GENERATOR FOR OPERATING AN X-RAY TUBE WITH EARTHED RADIOLOGICAL COMPONENTS

Publication

EP 0416708 A3 19910807 (DE)

Application

EP 90202356 A 19900905

Priority

DE 3929888 A 19890908

Abstract (en)

[origin: EP0416708A2] The invention relates to an X-ray generator for operating an X-ray tube with earthed tube parts and with a high-voltage transformer arrangement having in each case a secondary winding for generating the positive and negative high-voltage for the anode and cathode respectively of the X-ray tube. The unfavourable voltage distribution produced when such an X-ray tube is supplied by a high-impedance generator is overcome in a simple manner in that the two secondary windings each have a primary winding allocated to them and that an inductor can be connected in series with the primary winding for generating the anode voltage, by means of a switching device. <IMAGE>

IPC 1-7

H05G 1/10

IPC 8 full level

H05G 1/12 (2006.01); **H05G 1/10** (2006.01); **H05G 1/32** (2006.01); **H05G 1/70** (2006.01)

CPC (source: EP US)

H05G 1/10 (2013.01 - EP US)

Citation (search report)

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