

Title (en)

High voltage unit for X-ray tube with a secondary circuit integrated cooling tank.

Title (de)

Hochspannungsanlage für Röntgenröhre mit in Sekundärkreis integriertem Kühlbehälter.

Title (fr)

Bloc haute tension pour tube à rayons X avec cuve de refroidissement intégrée au circuit secondaire.

Publication

EP 0430755 B1 19941005 (FR)

Application

EP 90403252 A 19901116

Priority

FR 8915509 A 19891124

Abstract (en)

[origin: US5060253A] The invention relates to high-voltage power supplies for X-ray tubes in radiological apparatuses. The invention lies in the fact that the secondary windings of the transformer, the capacitors, and the diodes of the rectifier and voltage-doubler circuits, are all disposed in an enclosure made from two half-shells, whereas the primary winding and the magnetic circuit are disposed outside the enclosure.

IPC 1-7

H05G 1/06; **H05G 1/10**

IPC 8 full level

H05G 1/06 (2006.01); **H05G 1/10** (2006.01)

CPC (source: EP US)

H05G 1/025 (2013.01 - EP US); **H05G 1/06** (2013.01 - EP US); **H05G 1/10** (2013.01 - EP US)

Cited by

EP0531189A1; FR2680939A1; US5257304A; EP0909012A1; FR2769787A1; US6115236A; FR2700657A1; US5384821A

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EP 90403252 A 19901116; DE 69013123 T 19901116; FR 8915509 A 19891124; US 61710090 A 19901123