

Title (en)

High-voltage generator and X-ray apparatus.

Title (de)

Hochspannungsgenerator und Röntgengerät.

Title (fr)

Ensemble générateur haute tension et dispositif radiogène.

Publication

EP 0198741 A1 19861022 (FR)

Application

EP 86400587 A 19860319

Priority

FR 8504337 A 19850322

Abstract (en)

[origin: US4720844A] An assembly consisting of a high-voltage generator and an X-ray device comprises a shield housing containing an X-ray tube supplied with high voltage by a high-voltage generator. The high-voltage generator comprises a step-up transformer which is located outside the shield housing and supplies a voltage-multiplier device mounted within the housing.

Abstract (fr)

La présente invention concerne un ensemble générateur haute tension et un dispositif radiogène, comportant une gaine protectrice (2) contenant un tube radiogène (3) alimenté en haute tension par un générateur haute tension (8-9). Le générateur haute tension (8-9) comporte un transformateur élévateur (9) situé à l'extérieur de ladite gaine de protection (2) et alimentant un dispositif multiplicateur de tension (8) disposé dans ladite gaine protectrice (2).

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

Citation (search report)

- [A] FR 2516336 A3 19830513 - SIEMENS AG [DE]
- [A] GB 608646 A 19480917 - GEN ELECTRIC CO LTD, et al
- [A] FR 1384648 A 19650108 - USINES BALTEAU
- [A] EP 0003946 A1 19790905 - BALTEAU SA [BE]
- [A] EP 0063183 A1 19821027 - PENNWALT CORP [US]
- [A] GEC JOURNAL, vol. 16, no. 10, octobre 1949, pages 175-183, Wembley, GB; D.H. DONALDSON et al.: "A 250 Kilovolt X-ray equipment for deep therapy"

Cited by

EP0810815A1; FR2735282A1; EP0267568A3; EP0531190A1; FR2680938A1; US5303283A; EP0253533A3; WO8905564A1

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