

Title (en)

An x-ray generating apparatus.

Title (de)

Apparat zur Erzeugung von Röntgenstrahlen.

Title (fr)

Appareil de production de rayons X.

Publication

EP 0530424 A1 19930310 (EN)

Application

EP 91610073 A 19910903

Priority

EP 91610073 A 19910903

Abstract (en)

In an X-ray generating apparatus, primarily for field use, comprising a casing (1) in which an X-ray tube (4) is arranged for emission of X-rays towards a beam port (13) provided in a wall (12) of said casing, the casing comprises means (5) for supplying a high voltage to said X-ray tube (4) and a radiation shielding (9, 10, 11), preferably made of lead, for preventing emission of X-rays in non-desired directions. At least part (14) of the shielding is applied externally to wall parts (12) of the casing surrounding the X-ray tube (4) and is protected against corrosion or mechanical damage by means of a protective cover (15), e.g. in the form of shock-absorbing rubber hose, which can be drawn onto the external shielding. <IMAGE>

IPC 1-7

H01J 35/16; H05G 1/06

IPC 8 full level

H05G 1/06 (2006.01)

CPC (source: EP)

H05G 1/06 (2013.01)

Citation (search report)

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