

Title (en)

X-ray apparatus with servo control of the focus position.

Title (de)

Röntgengerät mit Regelung der Lage des Brennflecks.

Title (fr)

Dispositif radiologique à asservissement en position de foyer.

Publication

EP 0170551 A1 19860205 (FR)

Application

EP 85401212 A 19850618

Priority

FR 8410356 A 19840629

Abstract (en)

[origin: US4675891A] The invention relates to an X-ray apparatus with focus position control, the focus being formed on the anode of an X-ray tube with magnetic bearings. The X-ray apparatus comprises a focus position sensing device cooperating with electronic means associated with the magnetic bearings, in order to control the position of the focus by displacing a rotor under the action of the magnetic bearings.

Abstract (fr)

L'invention concerne un dispositif radiologique à asservissement en position d'un foyer, ledit foyer (f) étant formé sur l'anode (9) d'un tube radiogène (3) à paliers magnétiques (PM1, PM2). Le dispositif radiologique (1) comporte un dispositif capteur (14) de position de foyer coopérant avec des moyens électroniques (12) associés aux paliers magnétiques (PM1, PM2), pour asservir la position dudit foyer (f) en déplaçant un rotor (8) sous l'action desdits paliers magnétiques (PM1, PM2).

IPC 1-7

H01J 35/10; H01J 35/24; H05G 1/26

IPC 8 full level

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CPC (source: EP US)

H01J 35/103 (2013.01 - EP US); **H01J 35/24** (2013.01 - EP US); **H05G 1/26** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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