

Title (en)

MEDICAL X-RAY APPARATUS SUITABLE FOR THE FORMATION OF TOMOGRAPHIC IMAGES

Title (de)

MEDIZINISCHER RÖNTGENAPPARAT DER DAZU GEEIGNET IST TOMOGRAPHISCHE BILDER ZU ERSTELLEN

Title (fr)

APPAREIL MEDICAL A RAYONS X APPROPRIE A LA FORMATION D'IMAGES TOMOGRAPHIQUES

Publication

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Application

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Abstract (en)

[origin: WO9824368A2] A conventional medical X-ray apparatus, provided with a circular support (4) for the X-ray source (10) and the X-ray image intensifier (12), is arranged to enable coupling of a reciprocating rotary motion of the support (4) to a linear reciprocating motion (14) of the support (4) relative to the patient table (8). The combination of this linear motion to the reciprocating rotation enables the imaging of the plane other than the plane containing the axis of rotation. The choice of the stroke of the reciprocating motion defines the location of the plane to be imaged. Two mutually perpendicular rotations in combination with two mutually perpendicular translations are also feasible.

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