

Title (en)

RADIOLOGICAL IMAGE SENSING SYSTEM FOR SCANNING X-RAY GENERATOR

Title (de)

RÖNTGENBILDSSENSORVORRICHTUNG FÜR ABTASTRÖNTGENSTRAHLUNGSQUELLE

Title (fr)

SYSTEME DE DETECTION D'IMAGE RADIOLOGIQUE POUR GENERATEUR DE RAYONS X A BALAYAGE

Publication

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Application

EP 00993753 A 20001228

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Abstract (en)

[origin: FR2803394A1] The invention concerns a radiological image sensing system capable of co-operating with a scanning X-ray generator (10) designed to generate a X-radiation (1) scanning a surface (2) whereof the image is to be produced. The X-radiation (1) irradiates successively portions (2') of the surface whereof the image is to be produced (2). The X-radiation derived from a portion (2') bears a radiological image of said portion. The sensing system comprises an image sensor (22, 52) which is stationary relative to the scanning and dimensioned so as to acquire an image of the whole surface (2) whereof the image is to be produced via the X-radiation derived from the portions (2'). It further comprises means (24, 240) for limiting, at a given time, the image sensor (22, 52) acquisition to that of the image of the irradiated portion (2') at said time, said limiting means being synchronised with the scanning and in geometric correspondence with the irradiated portion (2').

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