

Title (en)

X-RAY SYSTEM FOR THE CREATION OF DIAGNOSTIC X-RAY IMAGES USING CONTRAST MEDIA

Title (de)

RÖNTGENSYSTEM ZUR ERSTELLUNG DIAGNOSTISCHER RÖNTGENDARSTELLUNGEN UNTER APPLIKATION VON KONTRASTMITTELN

Title (fr)

SYSTEME RADIOGRAPHIQUE DESTINE A LA CREATION DE REPRESENTATIONS RADIOGRAPHIQUES PAR APPLICATION D'AGENTS DE CONTRASTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007051739A2] The invention relates to an x-ray system comprising a selecting means for finding the best combination between the contrast medium and the energy spectrum of an x-radiation used for a scan so as to optimize the noise-to-contrast ratio, a method for creating X-ray images with the aid of contrast media by taking into account an optimal combination between the contrast medium and the energy spectrum of an X-radiation used for a scan, and the use of a lanthanide-containing complex for producing a contrast medium used for optimizing the combination between the contrast medium and the radiation in order to obtain a maximum contrast-to-noise ratio in an X-ray image.

IPC 8 full level

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