

Title (en)

METHOD AND DEVICE FOR CONSTRUCTING AN IMAGE IN A SPATIAL VOLUME

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BILDREKONSTRUKTION EINES RAUMVOLUMENS

Title (fr)

PROCEDE ET DISPOSITIF SERVANT A RECONSTITUER UNE IMAGE REPRESENTANT UN VOLUME SPATIAL

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Abstract (en)

[origin: US2004114728A1] The invention relates to a method and a device for reconstructing an image in a spatial volume on the basis of acquired projections, wherein during a reconstruction step each acquired projection or each region of an acquired projection is fed once into a data processing system from a memory for the acquired projections and the intensity of a voxel of the reconstructed spatial volume image is updated during the reconstruction step for each voxel relevant projection or region.

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