

Title (en)

METHOD AND APPARATUS FOR GENERATING 3D MODELS FROM MEDICAL IMAGES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GENERIEREN VON 3D-MODELLEN MEDIZINISCHER BILDER

Title (fr)

PROCEDE POUR GENERER DES MODELES EN 3D A PARTIR D'IMAGES MEDICALES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9959106A1] A system for relating images and generating a 3D model of anatomy is described. This can be accomplished using three modules. A sculptor module (115) is used to spatially relate images of a patient. The images are generated using a number of different techniques, such as optical and x-ray. The sculptor allows a user to identify the location of different anatomical points in each of the images. Thus, a sculptor allows a user to relate different anatomical points to each other in a 3D space and also relate the points to the images. The clinician module (125) uses the related points to modify or customize a stock model (e.g., a standard anatomical 3D model). The customized model that is created corresponds to a 3D model of the patient's anatomy.

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