

Title (en)
MECHANISM FOR ADVANCED STRUCTURE GENERATION AND EDITING

Title (de)
MECHANISMUS ZUR ERWEITERTEN STRUKTURERZEUGUNG UND -BEARBEITUNG

Title (fr)
MÉCANISME DE GÉNÉRATION ET D'ÉDITION DE STRUCTURES AVANCÉES

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Application
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Abstract (en)
[origin: WO2011163414A2] Embodiments of the present invention are directed to methods and a mechanism for manipulating images generated by radiotherapy machines used in radiation diagnostic and treatment applications. In one embodiment, a method is provided for intelligent automatic propagation of manual or automatic contouring across linked (e.g., registered) images and image data sets by acquiring one or more images of one or more image data sets; determining the correlation between the images with respect to identified structures; and generating a deformation map that establishes a correspondence for each point in the source image with a point in the target image. Subsequently, the intelligent propagation mechanism applies this deformation map individually to each structure of the source image and propagates the deformed structure to the target image.

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• See references of WO 2011163414A2

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