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A Method For Manufacturing A Three Dimensional Anatomical Structure



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MEGA-TREND

- Healthcare
- Wellness and Well Being (HWW)

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 8

PATENT/ GRANTED NUMBER

- UI 2013700700

▶ TECHNOLOGY OVERVIEW

A method for manufacturing a three-dimensional anatomical structure comprising the steps of obtaining a plurality of medical images containing at least one anatomical region of interest, wherein each anatomical region of interest is defined based on a grey level value on the medical images; segmenting each medical image based on the anatomical region of interest to obtain the grey level value; converting the grey level values of the respective segmented medical images into vector data; interpolating the vector data of each segmented medical image to form a three-dimensional data; and producing a three-dimensional anatomical structure of the region of interest from the three-dimensional data.

CONTACT US!

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