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**Lee**

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(54) **3D ULTRASOUND SYSTEM AND METHOD FOR OPERATING 3D ULTRASOUND SYSTEM**

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This patent is subject to a terminal disclaimer.

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See application file for complete search history.

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(57) **ABSTRACT**

A 3-dimensional (3D) ultrasound system and a method for operating a 3D ultrasound system are provided. A 3D ultrasound system includes an extractor, a processor, and a controller. The extractor scans an image of an object in a human body, and extracts a region of interest (ROI) image in an inputted ROI with respect to a selected image. The processor detects edges from a plurality of side images of the object with respect to the ROI image. The controller measures the thickness of the image using the detected edges.

**12 Claims, 3 Drawing Sheets**

