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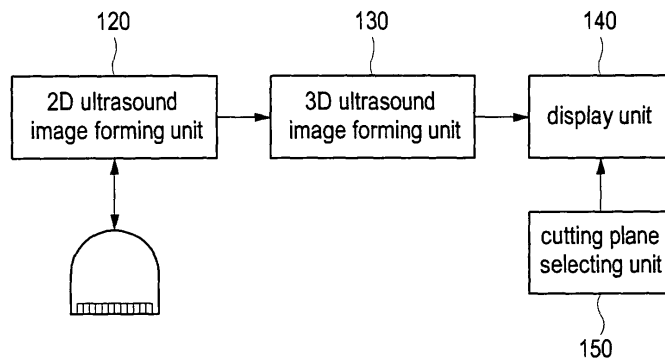
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(54) **Apparatus and method for displaying an ultrasound image**

(57) Embodiments of the present invention may provide an apparatus and a method of displaying a 3-dimensional ultrasound image formed based on 2-dimensional ultrasound images in an ultrasound diagnostic system. The method of displaying an ultrasound image in an ultrasound diagnostic system, comprises: a) forming a plurality of sequential 2-dimensional ultrasound images based on ultrasound echo signals reflected from a predetermined region of a target object; b) selecting a pre-

determined number of consecutive 2-dimensional ultrasound images from the 2-dimensional ultrasound images; c) superposing the selected 2-dimensional ultrasound images to form a 3-dimensional ultrasound image; d) setting at least one line on the 3-dimensional ultrasound image; e) cutting the 3-dimensional ultrasound image along the line to obtain a plurality of cutting planes; f) selecting one cutting plane from the cutting planes; and g) rendering the selected cutting plane and displaying the rendered cutting plane.

FIG. 1



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ANNEX TO THE EUROPEAN SEARCH REPORT  
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专利名称(译)	用于显示超声图像的设备和方法		
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摘要(译)

本发明的实施例可以提供一种在超声诊断系统中显示基于二维超声图像形成的三维超声图像的装置和方法。在超声诊断系统中显示超声图像的方法包括：a) 基于从目标对象的预定区域反射的超声回波信号形成多个连续的2维超声图像；b) 从2维超声图像中选择预定数量的连续2维超声图像；c) 叠加所选择的二维超声图像以形成三维超声图像；d) 在三维超声图像上设置至少一条线；e) 沿着线切割三维超声图像以获得多个切割平面；f) 从切割平面中选择一个切割平面；g) 渲染选定的切割平面并显示渲染的切割平面。

FIG. 1

