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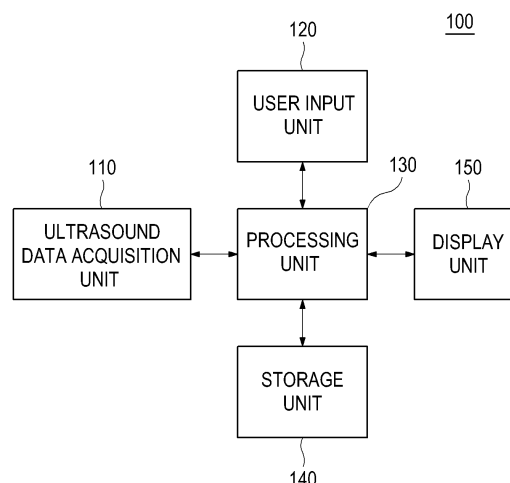
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(54) **Providing multiple 3-dimensional ultrasound images in an ultrasound image**

(57) Embodiments for providing a plurality of 3-dimensional ultrasound images in an ultrasound system are disclosed. The ultrasound system includes: an ultrasound data acquisition unit configured to acquire a first ultrasound frame data set from a target object; a processing unit configured to form a 2-dimensional ultrasound image based on the first ultrasound frame data set; and a user input unit for allowing a user to input user input information, wherein the processing unit is further con-

figured to set a plurality of regions of interest (ROIS) in either a multiple ROI setting way or a single ROI setting way based on the user input information, wherein the ultrasound data acquisition unit is further configured to acquire a plurality of second ultrasound frame data sets according to the setting of ROIS, and wherein the processing unit is further configured to form multiple 3-dimensional ultrasound images corresponding to the respective ROIS.

FIG. 1



EP 2 339 368 A3



EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 6 245 017 B1 (HASHIMOTO SHINICHI [JP] ET AL) 12 June 2001 (2001-06-12) * figures 10, 16, 17A, 17B * * column 6, line 35 - column 7, line 55 * * column 9, line 34 - column 10, line 54 * * column 11, line 12 - line 34 * -----	1-15	INV. G01S7/52 G01S15/89 A61B8/00
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A	US 2008/063305 A1 (LIM BYOUNG HOON [KR]) 13 March 2008 (2008-03-13) * abstract; figure 3 * -----	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B G01S
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 27 May 2013	Examiner Knoll, Bernhard
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 10 19 4131

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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专利名称(译)	在超声图像中提供多个三维超声图像		
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外部链接	Espacenet		

摘要(译)

公开了用于在超声系统中提供多个三维超声图像的实施例。超声系统包括：超声数据获取单元，被配置为从目标对象获取第一超声帧数据集；处理单元，被配置为基于第一超声帧数据集形成2维超声图像；用户输入单元，用于允许用户输入用户输入信息，其中，处理单元还用于基于用户以多ROI设置方式或单ROI设置方式设置多个感兴趣区域（ ROIS ）输入信息，其中，超声数据获取单元还用于根据ROIS的设置获取多个第二超声帧数据集，其中，处理单元还用于形成与各个ROIS对应的多个三维超声图像。

FIG. 1

