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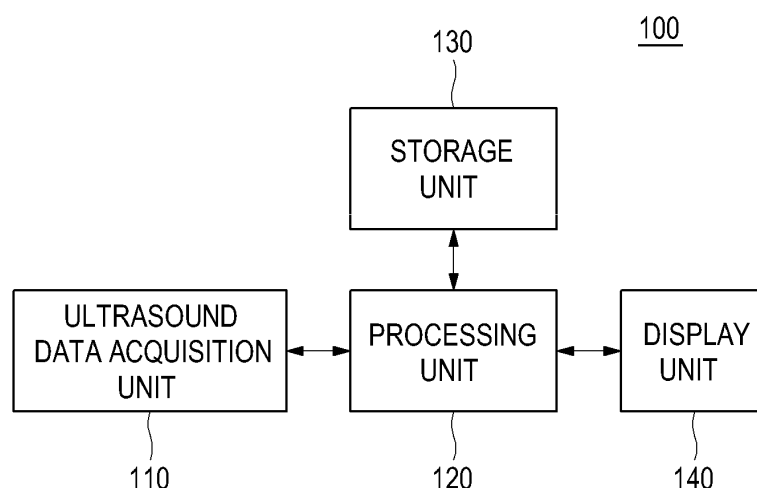
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(54) **Providing ultrasound spatial compound images in an ultrasound system**

(57) Embodiments for providing ultrasound spatial compound images are disclosed. In one embodiment, by way of non-limiting example, an ultrasound system comprises: an ultrasound data acquisition unit configured to acquire ultrasound data for a periodically moving target object; and a processing unit in communication with the ultrasound data acquisition unit, the processing unit be-

ing configured to form a plurality of ultrasound images based on the ultrasound data, detect moving periods of the target object based on the ultrasound images, reconstruct the ultrasound images corresponding to each of the moving periods and perform spatial compounding upon the reconstructed ultrasound images to form ultrasound spatial compound images.

FIG. 1



EP 2 422 704 A3



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 September 2013	Examiner Zaneboni, Thomas
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			

 2
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EUROPEAN SEARCH REPORT

Application Number
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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)
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Place of search Munich		Date of completion of the search 18 September 2013	Examiner Zaneboni, Thomas
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			

2
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 11 17 5026

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)	在超声系统中提供超声空间复合图像		
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优先权	1020100084944 2010-08-31 KR		
其他公开文献	EP2422704A2		
外部链接	Espacenet		

摘要(译)

公开了用于提供超声空间复合图像的实施例。在一个实施例中，作为非限制性示例，超声系统包括：超声数据获取单元，被配置为获取周期性移动的目标对象的超声数据；处理单元，用于与超声数据采集单元通信，处理单元，用于基于超声数据形成多个超声图像，基于超声图像检测目标对象的运动周期，重建对应于超声图像的超声图像每个移动周期并对重建的超声图像执行空间复合以形成超声空间复合图像。

FIG. 1

