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(54) **Methods and systems for defining a VOI in an ultrasound imaging space**

(57) An ultrasound imaging system provides for defining a VOI in an ultrasound imaging space. The system defines (102) an initial frame of the VOI in the ultrasound imaging space, receives (104) a selection of at least one reference point at an arbitrary location in the ultrasound imaging space, creates (106) at least one curved surface using at least one element of the initial frame and the at least one reference point, and then creates (108) a VOI based on the curved surface in the ultrasound imaging space.

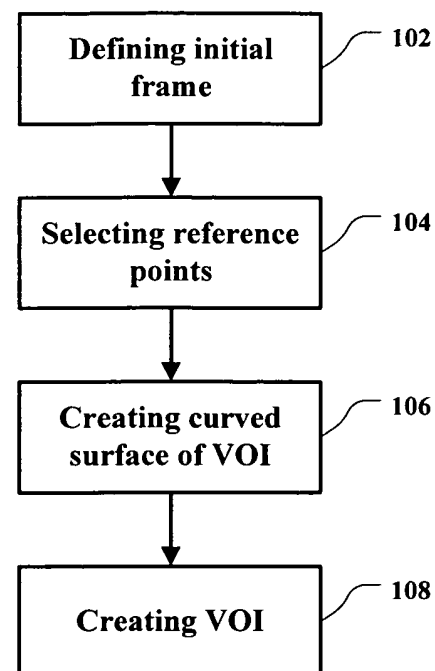


FIG. 3

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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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			TECHNICAL FIELDS SEARCHED (IPC)
			G01S A61B G06T
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 September 2012	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
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The members are as contained in the European Patent Office EDP file on
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专利名称(译)	用于在超声成像空间中定义VOI的方法和系统		
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其他公开文献	EP2333577A2 EP2333577B1		
外部链接	Espacenet		

摘要(译)

超声成像系统用于在超声成像空间中定义VOI。系统定义 (102) 超声成像空间中的VOI的初始帧, 接收 (104) 超声成像空间中的任意位置处的至少一个参考点的选择, 使用 (108) 创建 (108) 至少一个曲面。至少一个初始帧和至少一个参考点的元素, 然后基于超声成像空间中的曲面创建 (108) VOI。

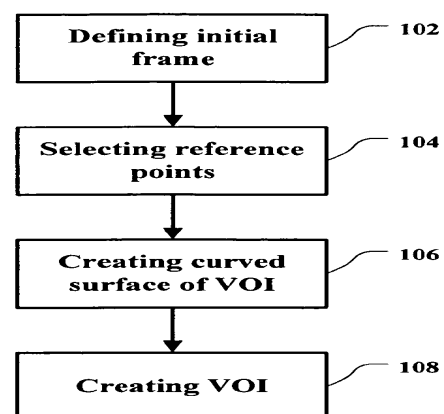


FIG. 3