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(54) **Integrated anesthesia monitoring and ultrasound display**

(57) An apparatus and method for synchronizing the hemodynamic measurements (36,38,40) from a patient monitoring system (46) and the ultrasound images (32) from an ultrasound monitoring system (44). The synchronized images and measurements can be combined and displayed on a single display (48) that includes both the ultrasound images and the hemodynamic patient measurements. The combined display receives synchronized

information (50) from both the ultrasound monitoring system and the hemodynamic patient monitoring system and displays the combined information on a single monitor. In addition to displaying the synchronized combined information, the system stores the synchronized information for later playback. The playback of the stored images and measurements is synchronized such that the clinician can be presented with the combined information in a usable manner.

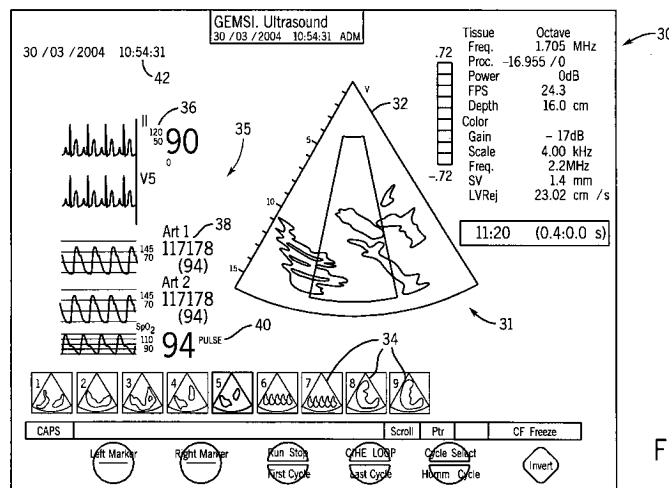


FIG. 3

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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2004/147842 A1 (DESMARIS ROBERT J [US]) 29 July 2004 (2004-07-29) * paragraphs [0005], [0027] - [0034] * -----	1-10	INV. A61B5/0205 A61B8/00
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			TECHNICAL FIELDS SEARCHED (IPC)
			A61B G06F
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 18 June 2010	Examiner Clevorn, Jens
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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18-06-2010

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摘要(译)

一种用于使来自患者监测系统 (46) 的血液动力学测量值 (36,38,40) 与来自超声波监测系统 (44) 的超声波图像 (32) 同步的装置和方法。可以将同步的图像和测量结果组合并显示在包括超声图像和血液动力学患者测量值的单个显示器 (48) 上。组合显示器从超声监测系统和血液动力学患者监测系统接收同步信息 (50)，并在单个监测器上显示组合信息。除了显示同步的组合信息之外，系统还存储同步的信息以供以后回放。对所存储的图像和测量的回放进行同步，使得可以以可用的方式向临床医生呈现组合的信息。

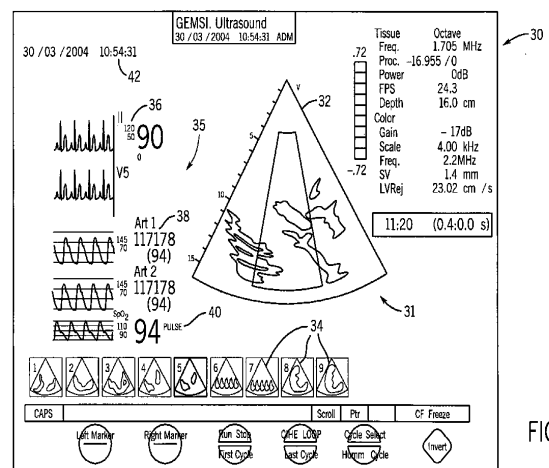


FIG. 3