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(54) **VITALS MONITORING SYSTEM**

(57) A remote care system may include a platform that includes one or more memory devices and one or more processors communicatively coupled to the one or more memory devices. The platform may connect and communicate bi-directionally with a plurality of devices via a gateway device. At least some of the plurality of devices may include sensors capable of gathering vitals data from a patient. The vitals data may include different

types of vitals data. The platform may connect and communicate bi-directionally with another plurality of devices. The other plurality of devices may be remote to the gateway device and the at least some of the plurality of devices. The platform may support continuous and live streaming of the vitals data from the sensors. The platform may perform a set of actions on a per patient basis based on analyzing the vitals data.

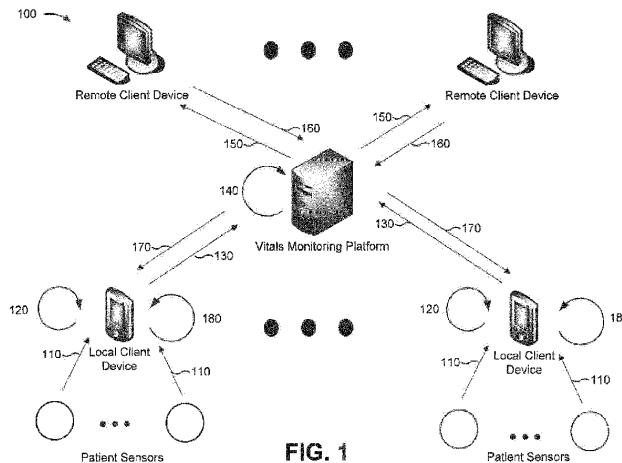


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 19 15 9374

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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	MORENO SILVIA ET AL: "Remote monitoring system of vital signs for triage and detection of anomalous patient states in the emergency room", 2016 XXI SYMPOSIUM ON SIGNAL PROCESSING, IMAGES AND ARTIFICIAL VISION (STSIVA), IEEE, 31 August 2016 (2016-08-31), pages 1-5, XP033004775, DOI: 10.1109/STSIVA.2016.7743353 [retrieved on 2016-11-14] * Abstract * * page 2, right-hand column - page 4 * -----	1-6	INV. G16H40/67 G16H50/30 ADD. G16H80/00 A61B5/00 A61B5/0205 A61B5/024 A61B5/145 A61B5/021 A61B5/0402 A61B5/08 A61B5/1455
X	US 2013/045685 A1 (KIANI MASSI JOE E [US]) 21 February 2013 (2013-02-21) * paragraph [0075] - paragraph [0085] * * paragraph [0397] * -----	1-6	TECHNICAL FIELDS SEARCHED (IPC) G16H
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X	WO 2012/054257 A2 (WELCH ALLYN INC [US]; DELLOSTRITTO JAMES J [US] ET AL.) 26 April 2012 (2012-04-26) * paragraph [0026] * * paragraph [0028] * * paragraph [0029] * * paragraph [0048] * * paragraph [0063] * * paragraph [0074] - paragraph [0075] * * paragraph [0088] * * paragraph [0089] * * paragraph [0100] * ----- -/--	7-11	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 October 2019	Examiner Rivera, Pedro V.
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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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)
X	US 2013/132109 A1 (MRUTHYUNJAYA SUBRAHMANYA R [IN] ET AL) 23 May 2013 (2013-05-23) * paragraph [0004] * * paragraph [0005] * * paragraph [0030] * * paragraph [0034] * * paragraph [0035] * * paragraph [0037] * * paragraph [0042] - paragraph [0043] * * paragraph [0096] * * paragraph [0110] * * paragraph [0112] * -----	12-15	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 October 2019	Examiner Rivera, Pedro V.
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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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

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Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

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No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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see sheet B

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All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

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As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

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Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

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None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 19 15 9374

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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1. claims: 1-6

Medical system for checking parameters out of boundaries

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2. claims: 7-11

Medical system for on-site monitoring of patients.

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3. claims: 12-15

Medical system for remote monitoring of patients.

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

EP 19 15 9374

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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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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US 2013132109 A1	23-05-2013	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	生命有机体监测系统		
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[标]申请(专利权)人(译)	埃森哲环球解决方案有限公司		
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IPC分类号	G16H40/67 G16H50/30 G16H80/00 A61B5/00 A61B5/0205 A61B5/024 A61B5/145 A61B5/021 A61B5/0402 A61B5/08 A61B5/1455		
CPC分类号	A61B5/0022 A61B5/02055 A61B5/021 A61B5/02438 A61B5/0402 A61B5/08 A61B5/14532 A61B5/14551 A61B5/681 A61B5/746 G16H40/67 G16H50/20 G16H50/70 G16H80/00 A61B5/0006 A61B5/0008 A61B5/0205 A61B5/145 A61B5/6801		
优先权	15/950785 2018-04-11 US		
其他公开文献	EP3553788A2		
外部链接	Espacenet		

摘要(译)

远程护理系统可以包括平台，该平台包括一个或多个存储设备以及通信地耦合到一个或多个存储设备的一个或多个处理器。平台可以经由网关设备与多个设备双向连接和通信。多个设备中的至少一些可以包括能够从患者收集生命数据的传感器。生命数据可以包括不同类型的生命数据。该平台可以与另一多个设备双向连接和通信。其他多个设备可以远离网关设备和多个设备中的至少一些。该平台可以支持来自传感器的生命数据的连续和实时流传输。该平台可以基于对生命数据的分析，在每个患者的基础上执行一组动作。

