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(54) Automated collection and analysis patient care system and method for diagnosing and monitoring congestive heart failure and outcomes therof

(57) An automated system and method for diagnosing and monitoring congestive heart failure and outcomes thereof is described. A plurality of monitoring sets is retrieved from a database. Each of the monitoring sets include recorded measures relating to patient information recorded on a substantially continuous basis. A patient status change is determined by comparing at least one recorded measure from each of the monitoring

sets to at least one other recorded measure. Both recorded measures relate to the same type of patient information. Each patient status change is tested against an indicator threshold corresponding to the same type of patient information as the recorded measures which were compared. The indicator threshold corresponds to a quantifiable physiological measure of a pathophysiology indicative of congestive heart failure.

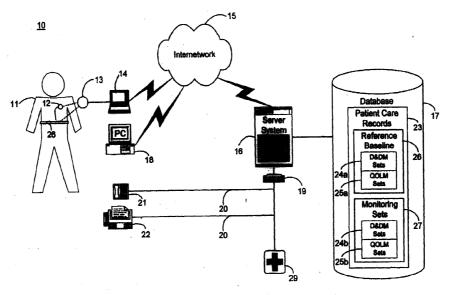


FIGURE 1



EUROPEAN SEARCH REPORT

Application Number EP 00 65 0193

Category	Citation of document with in		Relevant	CLASSIFICATION OF THE		
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	THE HAGUE	20 March 2	002	Sch	enkels, P	
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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20-03-2002

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FORM P0459

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



专利名称(译)	自动收集和分析患者护理系统和方法,用于诊断和监测充血性心力衰竭及其结果				
公开(公告)号	EP1102196A3	公开(公告)日	2002-05-15		
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申请(专利权)人(译)	心脏智能CORPORATION				
当前申请(专利权)人(译)	心脏智能CORPORATION				
[标]发明人	BARDY GUST H				
发明人	BARDY, GUST H.				
IPC分类号	A61B5/00 A61B5/02 A61B5/0205 A G06F19/00	A61B5/024 A61B5/0402 A61B5/	0452 A61B5/07 A61B5/08 A61B5/11		
CPC分类号	A61B5/0002 A61B5/0031 A61B5/02 A61B5/0816 A61B5/11 A61B5/1112 /0242 G06F19/324 G06F19/325 G0 Y10S128/923 A61B5/0004 A61B5/0/7275 A61B5/7278 A61B5/7282	2 A61B5/145 A61B5/14532 A61 06F19/3418 G16H10/60 G16H1	5/00 G16H40/67 G16H50/30		
优先权	09/441623 1999-11-16 US				
其他公开文献	EP1102196A2				
外部链接	<u>Espacenet</u>				

摘要(译)

描述了用于诊断和监测充血性心力衰竭及其结果的自动化系统和方法。从数据库检索多个监视集。每个监测组包括与基本连续记录的患者信息有关的记录测量。通过将来自每个监测组的至少一个记录的测量值与至少一个其他记录的测量值进行比较来确定患者状态变化。两种记录的测量都与相同类型的患者信息有关。针对与所比较的记录测量的相同类型的患者信息相对应的指标阈值来测试每个患者状态变化。指标阈值对应于指示充血性心力衰竭的病理生理学的可量化生理测量。

