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(54) Fusion of computerized medical data

(57) A method and system of diagnosing cardiac syndromes. The method includes acquiring data from a first and second diagnostic test, and then processing the data from the first and second diagnostic test to produce an first and second indicator. Next the indicators are combined and a risk of a cardiac syndrome based on the combination of indicators is calculated. The system includes a first and a second physiological activity acquisition module and a fusion engine to receive the data acquired by the modules and to generate a risk of ACS based on a combination of the data.

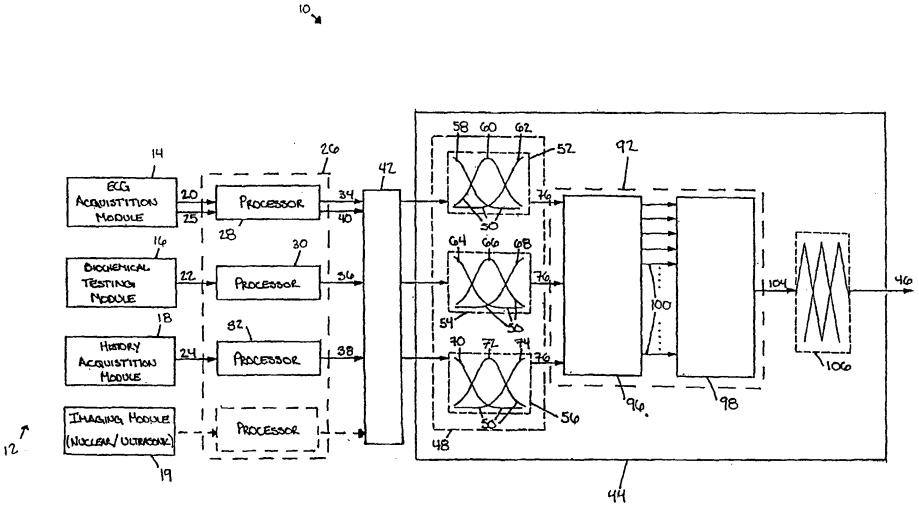

FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 8263

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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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Y	* page 6, line 29 - page 21, line 20 *	2,3	
X	JORGENSEN J S PEDERSEN J B PEDERSEN S M: "Use of neural networks to diagnose acute myocardial infarction. I. Methodology" CLINICAL CHEMISTRY, AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY, WASHINGTON, DC, US, vol. 42, no. 4, 1996, pages 604-612, XP002955435 ISSN: 0009-9147 * abstract *	1,4,6, 8-10	
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Y	CIOS, K.J., GOODENDAY, L.S., SHAH, K.K., SERPEN, G.: "A novel algorithm for classification of SPECT images of a human heart" NINTH IEEE SYMPOSIUM ON COMPUTER-BASED MEDICAL SYSTEMS, 1996, PROCEEDINGS, 17 June 1996 (1996-06-17), - 18 June 1996 (1996-06-18) pages 1-5, XP002394417 * the whole document *	2,3	

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	10 August 2006	Chabros, C

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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D : document cited in the application
L : document cited for other reasons

& : member of the same patent family, corresponding document

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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 8263

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	ROSANNA DEGANI: "Computerized Electrocardiogram Diagnosis: Fuzzy Approach" METHODS OF INFORMATION IN MEDICINE, vol. 31, 1992, pages 225-233, XP009070780	1-10	
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The present search report has been drawn up for all claims

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Munich	10 August 2006	Chabros, C

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 02 25 8263

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10-08-2006

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

专利名称(译)	计算机化医疗数据的融合		
公开(公告)号	EP1320061A3	公开(公告)日	2006-09-27
申请号	EP2002258263	申请日	2002-11-29
[标]申请(专利权)人(译)	GE医疗系统信息技术公司		
申请(专利权)人(译)	GE医疗系统信息技术股份有限公司.		
当前申请(专利权)人(译)	GE医疗系统信息技术股份有限公司.		
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IPC分类号	G06F19/00 A61B5/04 A61B5/00 A61B5/0402 A61B10/00		
CPC分类号	A61B5/04012 A61B5/7264 A61B5/7275 G16H10/60 G16H15/00 G16H50/20 G16H50/30		
优先权	10/683322 2001-12-13 US		
其他公开文献	EP1320061A2		
外部链接	Espacenet		

摘要(译)

一种诊断心脏综合征的方法和系统。该方法包括从第一和第二诊断测试中获取数据，然后处理来自第一和第二诊断测试的数据以产生第一和第二指示符。接下来，将指标组合，并计算基于指标组合的心脏综合征风险。该系统包括第一和第二生理活动获取模块和融合引擎，用于接收由模块获取的数据并基于数据的组合产生ACS的风险。

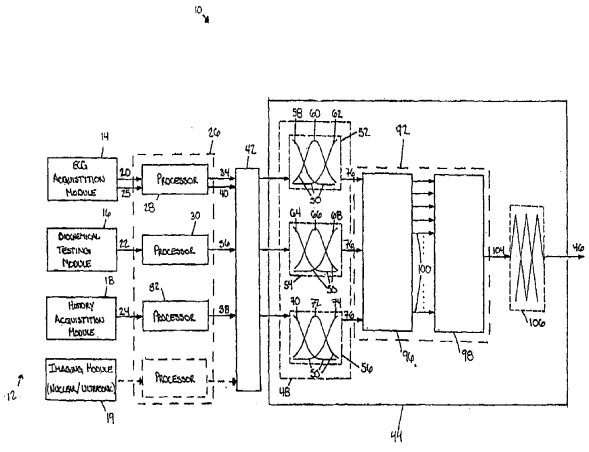

FIG. 1