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(54) Transtelephonic multifunctional electrocardiograph

(57) This application proposes a multifunctional diagnostic device and in particular an intermittent dynamic electro-cardiographic device with smart control and telematic transmission.

More in particular it relates to a diagnostic device with different sensors which can collect different biological signals such as heart rate, arterial pressure etc., an analogic/digital converter for sensor signals, a portable signal receiver which can analyse and process such data and a device to activate tele-transmission via GSM or other to the central server of all or part of the data.

The analogic/digital converter is placed close to the sensors so that the signals can be converted immediately on reception and transmitted digitally which is easier to manage and significantly reduces external interference.

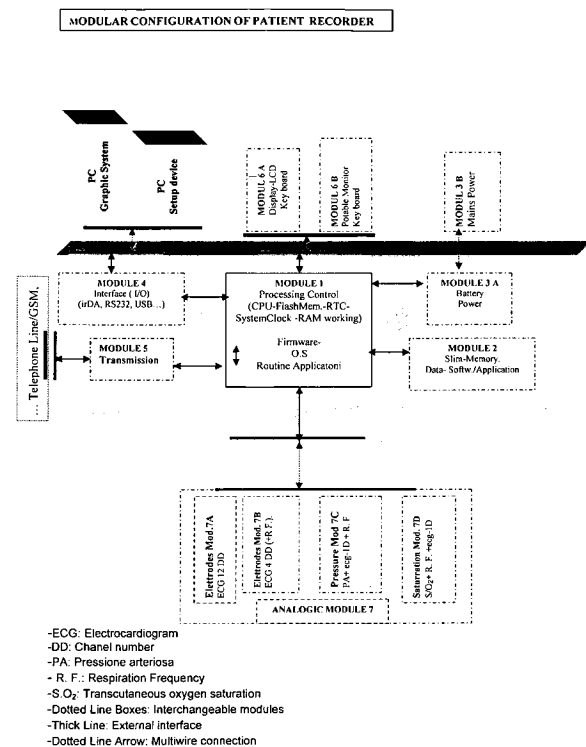


Fig. 1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 05 00 8606

DOCUMENTS CONSIDERED TO BE RELEVANT			
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)
			G06F A61B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Berlin		1 February 2006	Clevorn, J
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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 05 00 8606

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
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专利名称(译)	Transtelephonic多功能心电图仪		
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其他公开文献	EP1589464A2		
外部链接	Espacenet		

摘要(译)

该申请提出了一种多功能诊断设备，特别是具有智能控制和远程信息传输的间歇动态心电图设备。更具体地说，它涉及具有不同传感器的诊断装置，其可以收集不同的生物信号，例如心率，动脉压等，用于传感器信号的模拟/数字转换器，可以分析和处理这种数据的便携式信号接收器，以及用于通过GSM或其他方式激活全部或部分数据的中央服务器的远程传输的设备。模拟/数字转换器靠近传感器放置，以便在接收时立即转换信号并以数字方式传输，这更易于管理并显著减少外部干扰。

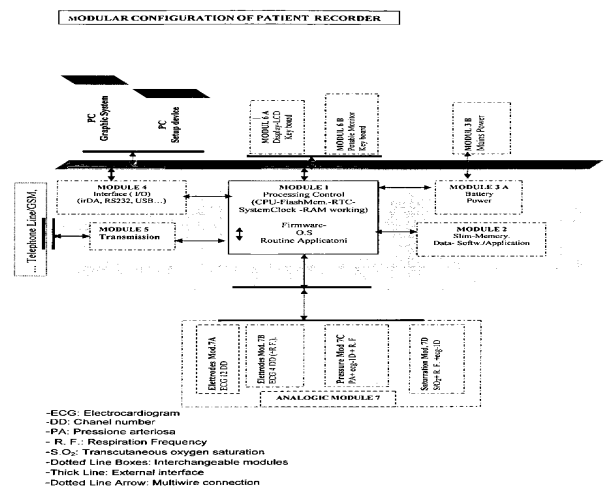


Fig. 1