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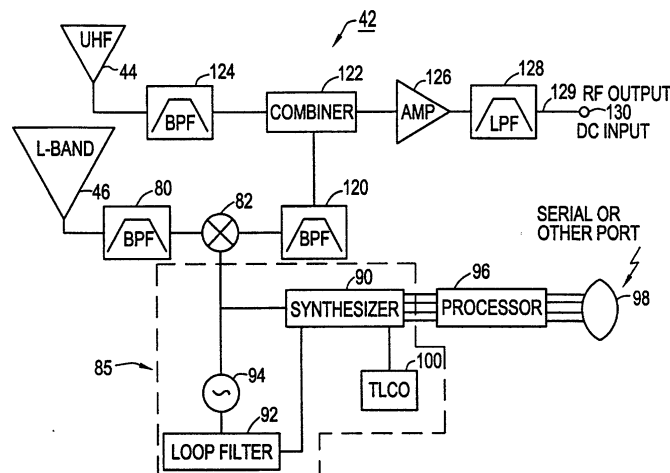
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(54) **Dual band telemetry system**

(57) A dual band telemetry system useful for monitoring patients in a care unit of a health care facility. The system includes an antenna system with a first antenna (44) tuned to receive a signal in a first frequency band, a second antenna (46) tuned to receive a signal in a second frequency band, a down converter (85) for producing a frequency translation signal, and a mixer (82) coupled to the second antenna. The mixer (82) combines the signal received by the second antenna with the frequency translation signal to produce a signal having a frequency in the first frequency band. A combiner (122) coupled to the mixer and the first antenna combines the signal generated by the mixer with the signal received by the first antenna. The combined signals are ultimately delivered to a central station (12) for processing.

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FIG. 2





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EUROPEAN SEARCH REPORT

Application Number
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			H04B A61B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 4 February 2004	Examiner Lindberg, P
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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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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摘要(译)

双频遥测系统，用于监视医疗机构护理单元中的患者。该系统包括天线系统，其具有被调谐以接收第一频带中的信号的第一天线（44），被调谐以接收第二频带中的信号的第二天线（46），用于产生第二频带的下转换器（85）。频率转换信号和耦合到第二天线的混频器（82）。混频器（82）将由第二天线接收的信号与频率转换信号组合，以产生具有第一频带中的频率的信号。耦合到混频器和第一天线的组合器（122）将混频器产生的信号与第一天线接收的信号组合。组合的信号最终被传送到中心站（12）以进行处理。

FIG. 2

