



US005862805A

United States Patent [19]
Nitzan

[11] **Patent Number:** **5,862,805**
[45] **Date of Patent:** **Jan. 26, 1999**

[54] **APPARATUS AND METHOD FOR MEASURING THE VARIABILITY OF CARDIOVASCULAR PARAMETERS**

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[21] Appl. No.: **744,816**

[22] Filed: **Nov. 6, 1996**

[30] **Foreign Application Priority Data**

Nov. 16, 1995 [IT] Italy 116020

[51] **Int. Cl.⁶** **A61B 19/00**

[52] **U.S. Cl.** **128/898; 600/479**

[58] **Field of Search** 128/666, 667, 128/898; 600/481, 480, 485, 479, 507

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[57]

ABSTRACT

Apparatus for measuring the variability of cardiovascular parameters, having a photoplethysmographic (PPG) probe, including a modulated first light source and a photodetector, a demodulator connected to the photodetector for demodulating PPG signals detected by the photodetector, an analog to digital converter for digitizing the demodulated signals, and a processor for repeatedly analysing the PPG signals for a predetermined number of times. A method for measuring the variability of cardiovascular parameters.

4 Claims, 4 Drawing Sheets

