

Title (en)

DETECTION OF ABNORMAL AND INDUCTION OF NORMAL HEART RATE VARIABILITY

Title (de)

ERKENNUNG VON ABNORMALER HERZFREQUENZ UND HERBEIFÜHRUNG VON NORMALER HERZFREQUENZ

Title (fr)

DETECTION DE LA VARIATION ANORMALE DE LA FREQUENCE CARDIAQUE ET INDUCTION D'UNE VARIATION DE FREQUENCE CARDIAQUE NORMALE

Publication

EP 0771170 A4 20000517 (EN)

Application

EP 95926301 A 19950713

Priority

- US 9508943 W 19950713
- US 27432194 A 19940713
- US 48298095 A 19950607

Abstract (en)

[origin: WO9602185A1] A microprocessor (300) with a date and time clock gathers time interval data (80, 86). The duration of time intervals in an electrocardiogram, or pulses are recorded. Stress data accumulated for the user are down loaded to a PC (301). The battery power pack (303) supplies electricity to operate the components (80 - 318). The user's stress status is displayed on a liquid crystal diode (302), and the voice microprocessor (318) broadcasts from a micro-speaker CPR instructions. If the battery (303) has less than a 20 % charge, a buzzer (304) notifies the user.

IPC 1-7

A61B 5/0404; **A61N 1/365**

IPC 8 full level

A61B 5/0205 (2006.01); **A61B 5/024** (2006.01); **A61B 5/352** (2021.01); **A61N 1/36** (2006.01); **A61N 1/365** (2006.01); **A61N 1/39** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XY] US 4862361 A 19890829 - GORDON DAVID [US], et al
- [X] US 4018219 A 19770419 - HOJAIBAN GEORGE
- [Y] US 4827943 A 19890509 - BORNIN ROBERT [US], et al
- [A] WO 8809146 A1 19881201 - ELECTRIC POWER RES INST [US]
- [A] US 5226425 A 19930713 - RIGHTER WILLIAM H [US]
- [A] US 5042497 A 19910827 - SHAPLAND J EDWARD [US]
- [A] WO 9406350 A1 19940331 - UNIV GEORGETOWN [US]
- See references of WO 9602185A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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