ABSTRACT

PULSOMETER WORN ON WRIST AND ASSOCIATED CONTROL METHOD

The invention proposes a pulsometer (10) comprising a case (14) which contains an electronic optical pulse measuring device (18) and an electronic circuit, a tightening wristband (16) which holds the back cover of the case (14) pressed against the wrist (12), characterized in that the electronic optical measuring device (18) includes at least two light sources (E1, E2, E3) and at least two receivers (R1, R2, R3), in that the light sources (E1, E2, E3) and the receivers (R1, R2, R3) are arranged in the form of a matrix comprising two lines (L1, L2) each oriented along an orthogonal direction to the direction (D1) of the wrist (12), and at least two columns (C1, C2, C3), oriented parallel to the direction (D1) of the wrist (12), in that each line (L1, L2) of the matrix alternately contains a light source (E1, E2, E3) and a receiver (R1, R2, R3), and each column (C1, C2, C3) of the matrix contains a light source (E1, E2, E3) and a receiver (R1, R2, R3).

The invention also proposes a control method for this pulsometer (10).

Figure 2