

Title (en)

WATCH PROVIDING BAROMETER AND ALTIMETER READING, AND METHOD FOR MAKING SAME

Title (de)

UHR MIT BAROMETER ODER HÖHENANZEIGE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

MONTRE FOURNISSANT UNE INDICATION BAROMETRIQUE OU ALTIMETRIQUE, ET SON PROCEDE DE FABRICATION

Publication

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Application

**EP 99962265 A 19991222**

Priority

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- EP 98124577 A 19981223

Abstract (en)

[origin: WO0039644A1] The invention concerns a wristwatch comprising in its case a resistive piezoelectric pressure and temperature sensor (26) exposed to a pressure chamber (42) communicating with the outside environment, for measuring ambient pressure. In order to provide individual calibration depending on temperature followed by a permanent correction of the sensor pressure signals, the latter is fixed to the lower surface of a printed circuit card (30) bearing the electronic circuits (35) processing the sensor signals. The calibration parameters are recorded in a non-volatile memory (36) of said circuits. A rigid and sealed separating partition (43) forms an internal floor separating the pressure chamber (42) from the watch sealed part.

IPC 8 full level

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