

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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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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CPC (source: EP US)

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WO 0039644 A1 20000706; CN 1145861 C 20040414; CN 1335948 A 20020213; CN 1525269 A 20040901; DE 69940644 D1 20090507; EP 1141788 A1 20011010; EP 1141788 B1 20090325; HK 1044052 A1 20021004; HK 1044052 B 20050204; JP 2002533733 A 20021008; JP 4594531 B2 20101208; US 2004160859 A1 20040819; US 6754137 B1 20040622

DOCDB simple family (application)

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