

ABSTRACT

PORTABLE ELECTRONIC APPLIANCE INCLUDING A PRESSURE SENSOR

In an electronic apparatus worn on the wrist such as a diver's wristwatch or an altimeter, a pressure sensor (10) is mounted from the exterior in a housing (11), located in one flank (9) of the case (2) of the apparatus and closed by a cap (13) provided with at least one orifice (32) for transmitting the ambient pressure towards said housing. The sensor is mounted in the housing by means of a sealing gasket (12). A protective screen (14) is placed between the central wall (31) of the cap and the exposed surface (22) of the sensor, in order to prevent solid bodies and/or solar light being able to damage the sensor. Preferably, this screen is formed by a perforated plate fixed to the cap and whose holes (42) are shifted laterally with respect to each orifice (32) of the cap, such that all of the transmission paths of the ambient pressure from the exterior to the exposed surface of the sensor are sinuous.

Figure 2