

Title (en)
MEASURING DEVICE AND METHOD FOR DETERMINING TEMPERATURE AND/OR PRESSURE AND USE OF SAID MEASURING DEVICE

Title (de)
MESSVORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG VON TEMPERATUR UND/ODER DRUCK UND VERWENDUNG DER MESSVORRICHTUNG

Title (fr)
DISPOSITIF DE MESURE ET PROCEDE POUR DETERMINER LA TEMPERATURE ET/OU LA PRESSION ET UTILISATION DE CE DISPOSITIF DE MESURE

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Application
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Abstract (en)
[origin: WO2006030011A1] The invention relates to a measuring device for determining temperature and/or pressure. Said device comprises at least one transceiver (S/E) for ultrasonic pulses (50, 63, 70) and an element for reflecting (15, 16, 17) ultrasonic pulses (50, 53a). According to the invention, at least one ultrasonic pulse (50) can be sent from the transceiver (S/E) through an object (2), which at least partially transmits ultrasonic pulses (50, 63, 70), into the reflective element. In addition, the ultrasonic pulse(s) (50, 53a) can be reflected in a temperature-correlated manner from the reflective element to the transceiver (S/E).

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