

Title (en)
SENSOR UNIT

Title (de)
SENSOREINHEIT

Title (fr)
UNITÉ DE DÉTECTION

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Application
EP 07785111 A 20070828

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Abstract (en)
[origin: WO2008025182A2] The invention relates to a sensor unit for measuring a measurement variable in a medium (2), in particular in an aggressive liquid or gaseous medium (2), said unit comprising a sensor (4) which is arranged in a sensor capsule (3) and has a sensor region (6) which is arranged on a base body (5), wherein, in order to detect the measurement variable in the sensor region (6), a measurement opening (7) is provided in the sensor capsule (3). On a side facing the measurement opening (7), the sensor region (6) has a measurement surface (9) which is provided with measurement electronics (8), wherein an electrical supply line (10) is provided on the sensor (4) for the purpose of transmitting a sensor signal which is generated by the measurement electronics (8). According to the invention, a plated-through hole (11) is provided in the base body (5), which plated-through hole is used to connect the measurement electronics (8) to the electrical supply line (10) via signals through the base body (5), on a base side (12) of the sensor (4) which faces away from the measurement opening (7).

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