

Title (en)

A SENSOR UNIT FOR MEASURING PRESSURE AND/OR TEMPERATURE IN A PIPELINE

Title (de)

SENSORBAUEINHEIT ZUR MESSUNG DES DRUCKS UND/ODER DER TEMPERATUR IN EINER ROHRLEITUNG

Title (fr)

UNITE DE DETECTION

Publication

**EP 1421356 A2 20040526 (EN)**

Application

**EP 02755286 A 20020830**

Priority

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- GB 0128739 A 20011130
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Abstract (en)

[origin: WO03021218A2] The present invention provides a sensor unit 10 connectable in a water pipeline of a water system comprising a domestic water heater. The sensor unit comprises a housing 11, 12, a pressure sensor 13 located in the housing 11, 12 and operable to provide an electrical signal indicative of water pressure, and a temperature sensor 14 located in the housing 11, 12 and operable to provide an electrical signal indicative of water temperature. The housing 11, 12 has a communication aperture 17 in a surface thereof which allows communication of water pressure to the pressure sensor 13 located in the housing 11, 12. The housing 11, 12 has an arm 16 which when the sensor unit 10 is connected in the water pipeline extends towards the centre of the water flow and which has located therein at least a part of the temperature sensor 14.

[origin: WO03021218A2] The present invention provides a sensor unit (10) connectable in a water pipeline of a water system comprising a domestic water heater. The sensor unit comprises a housing (11, 12), a pressure sensor (13) located in the housing (11, 12) and operable to provide an electrical signal indicative of water pressure, and a temperature sensor (14) located in the housing (11, 12) and operable to provide an electrical signal indicative of water temperature. The housing (11, 12) has a communication aperture (17) in a surface thereof which allows communication of water pressure to the pressure sensor (13) located in the housing (11, 12). The housing (11, 12) has an arm (16) which when the sensor unit (10) is connected in the water pipeline extends towards the centre of the water flow and which has located therein at least a part of the temperature sensor (14).

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