

Title (en)

APPARATUS AND METHOD FOR ENHANCING REMOTE SENSOR PERFORMANCE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERHÖHUNG DER LEISTUNG EINES FERNSENSORS

Title (fr)

ACCROISSEMENT DU RENDEMENT ET DE L'UTILITE D'UNE SONDE A DISTANCE

Publication

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Application

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Abstract (en)

[origin: WO0046485A2] Apparatus and methods for sensing one or more physical parameters at a remote location while minimizing or eliminating contact between reservoir fluids and the like at the remote location and the sensor used to sense the physical parameters. In one embodiment the apparatus isolates the sensor within a tube containing the sensor. Specifically, apparatus includes a tubing containing a communication cable and a sensor in communication with the cable, the sensor being located within the tubing proximate the remote location. A sealing device is configured to seal a section of the tubing containing the sensor from fluid flow within the tubing, the sealing device being configured to be actuated between a sealing state and a non-sealing state.

IPC 8 full level

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