

Title (en)  
REMOTE MEASUREMENT SYSTEM

Title (de)  
FERNMESSSYSTEM

Title (fr)  
SYSTEME DE MESURE A DISTANCE

Publication  
**EP 1499862 A1 20050126 (EN)**

Application  
**EP 03732981 A 20030428**

Priority  
• IE 0300061 W 20030428  
• US 37543302 P 20020426

Abstract (en)  
[origin: WO03091672A1] A system has a sensor 3 on a fuel tank coupled magnetically with a float gauge fitted inside the tank, and provides a visual indication of the tank level and an electrical signal to a measurement unit (MU 2). The MU 2 is a battery-powered, microprocessor-controlled device located at the fuel tank. It logs the sensor reading at predefined times and periodically transmits the level history to a transmitter unit (TU 4) using radio frequencies. The TU 4 is a battery-powered, microprocessor-controlled receiver device that periodically receives and stores the level history from the MU 2. It scans the received level history for alarm limit breaches, and on alarm and on a periodic basis dials over the public telephone network 5 to a monitoring centre to deliver the level history.

IPC 1-7  
**G01F 23/00**; G01F 23/30; G08C 17/02; G08B 21/00; G08B 25/08; G08B 25/10

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
See references of WO 03091672A1

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