

Title (en)

DEVICE AND METHOD FOR AUTOMATIC MEASURING CONSUMED GAS BY CALCULATING PERIODIC MOVEMENT OF OPERATION INNER MECHANISM OF METERS

Title (de)

EINRICHTUNG UND VERFAHREN ZUR AUTOMATISCHEN MESSUNG VON VERBRAUCHTEM GAS DURCH BERECHNUNG DER PERIODISCHEN BEWEGUNG BEIM BETRIEB DES INNEREN MECHANISMUS VON FEHLERN

Title (fr)

DISPOSITIF ET PROCEDE PERMETTANT DE MESURER AUTOMATIQUEMENT LA QUANTITE DE GAZ CONSOMMEE PAR CALCUL DE MOUVEMENT PERIODIQUE DE MECANISME DE FONCTIONNEMENT INTERNE DE COMPTEURS

Publication

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Application

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Abstract (en)

[origin: WO2007032044A1] The invention relates to a device and to a method for automatic measurement of consumed gas amount, that can be applied to a gas meter (14) . The device comprises at least a magnetic field detection module (6) , that can be fixed close to said gas meter and suitable for detecting magnetic field variations about said gas meter due to periodic movement of said meter inner operation mechanism following the passage of gas inside the same meter, obtaining at least a corresponding signal; and processing means (3) connected with said at least a magnetic field detection module, said processing means being suitable for measuring passage of gas through said gas meter by detection and measurement of said periodic variations of magnetic field and of said signals detected by said at least one magnetic field detection module, thus acquiring data concerning gas consumption.

IPC 8 full level

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