

Title (en)

USING WIRELESS DATA TRANSMISSION TO MAINTAIN INTRINSIC SAFETY OF A GAS METER

Title (de)

VERWENDUNG VON DRAHTLOSER DATENÜBERTRAGUNG ZUR AUFRECHTERHALTUNG DER EIGENSICHERHEIT EINES GASZÄHLERS

Title (fr)

UTILISATION D'UNE TRANSMISSION DE DONNÉES SANS FIL POUR MAINTENIR LA SÉCURITÉ INTRINSÈQUE D'UN COMPTEUR DE GAZ

Publication

EP 3738328 A1 20201118 (EN)

Application

EP 19738021 A 20190111

Priority

- US 201815869131 A 20180112
- US 2019013184 W 20190111

Abstract (en)

[origin: WO2019140183A1] A gas meter is outfit with near field communication (NFC) devices for in-situ exchange of data. The NFC devices reside in separate compartments. A first compartment houses electronics necessary to generate values for volumetric flow of material in a pipe. The gas meter includes a second compartment with an access point that allows data, including telemetry data, to transmit from the gas meter to a remote device. In operation, the NFC devices exchange data between the first compartment and the second compartment, often through a wall or barrier that prevents flow of fluid between the compartments.

IPC 8 full level

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CPC (source: EP)

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Designated extension state (EPC)

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