



New connection on: : 02-12-2020 : 06:43:13 - Last disconnection on: : 02-12-2020 : 06:43:07

V 4.0.0.44803(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#{D201820}) (RPM D201820)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 8] concentrator and consumpt+ and transformer+ and wireless and (web or app)

Results in EPODOC 0

[SS 9] web or app

Results in EPODOC 413.002

[SS 10] concentrator and consumpt+

Results in EPODOC 1.547

[SS 11] 9 and wireless

Results in EPODOC 12.631

[SS 12] 10 and 11

Results in EPODOC 5

[SS 13] ..li



1/5 © EPODOC / EPO

PN - [CN209015320U](#) U 20190621

PR - CN201822201260U 20181226

AP - [CN201822201260U](#) 20181226

DT - I

PA - LIAONING HENGTONG OF ELECTRONIC SCIENCE AND TECH CO LTD

TI - Network payment **wireless** remote water meter

AB - The utility model provides a network payment **wireless** remote water meter. The MICROCHIP processor is respectively connected with an XM _ 470M micropower **wireless** data transmission module and a clock chip; two ends of the MICROCHIP processor are respectively connected with a water flow measuring device and a display, and the upper part of the MICROCHIP processor is respectively connected with a valve driving module and a digital integrated circuit; the **wireless** remote water meters are communicated with the data **concentrator**, the data **concentrator** is communicated with the cloud data server,

after a user pays through the network payment **APP**, the cloud data server transmits data back to the **concentrator**, and the **concentrator** transmits the data back to the remote water meters to control the valve to be opened and closed. According to the utility model, online water fee payment can be realized, the system has the advantages of labor saving, speed improvement and payment accuracy, and meanwhile, a water supply company can also know the water **consumption** information of a user at any time to prevent water stealing and water leakage. The water meter is suitable for online payment.

2/5 © EPODOC / EPO

PN - [CN206772373U](#) U 20171219
 PR - CN201720402472U 20170418
 AP - [CN201720402472U](#) 20170418
 DT - I
 PA - FUJIAN QIANGMIN INFORMATION TECH CO LTD
 TI - Intelligence teletransmission water meter device and monitoring system based on EMTC
 AB - The utility model relates to an intelligence water meter device and monitoring communication technology field provide an intelligence teletransmission water meter device and monitoring system based on EMTC, it uses to check meter management system, **APP** including micro controller unit, pressure sensor, temperature sensor, flow sensor, eMTC communication module, display element, button, memory cell, power supply unit, long -range cloud platform, **wireless** teletransmission. The utility model discloses a combine to possess extensively cover, the ability is connected to magnanimity, low -power **consumption** and low -cost eMTC communication module, realizes all need not changing in several years the intelligent water gauge of battery, the frequency of the plant maintenance that significantly reduces alleviates staff's work load, do not have usage data **concentrator** or gateway, with low costs, fault rate is hanged down, compare with modes such as adopting GPRS, have continuous quality advantage of obvious network and lower network delay, and the collection of combination flow, pressure and temperature, the integrated level is high, has practical value, is fit for the marketing, broad prospect.

3/5 © EPODOC / EPO

PN - [CN107063379A](#) 20170818
 PR - CN201710256548 20170418
 AP - [CN201710256548](#) 20170418
 DT - I
 CI - G01F15/061 (CN)
 - G08C17/02 (CN)
 PA - FUJIAN QIANGMIN INFORMATION TECH CO LTD
 TI - eMTC-based intelligent remote water meter device and monitoring system
 AB - The invention relates to the technical field of intelligent remote water meter device and monitoring communication, and provides an eMTC-based intelligent remote water meter device and monitoring system. The eMTC-based intelligent remote water meter device and monitoring system include a microcontroller unit, a pressure sensor, a temperature sensor, a flow sensor, an eMTC communication module, a display unit, a button, a memory unit, a power supply unit, a remote cloud platform, a **wireless** remote meter reading management system, and an **APP** application. The eMTC communication

module is wide in coverage, has mass connection capacity, is low in power **consumption**, and is low in cost, a battery of the intelligent water meter does not have to be changed in several years, the frequency of device maintenance is greatly reduced, and the working load of workers can be relieved; a data **concentrator** or a gateway is avoided, the cost is low, and the fault rate is low; and compared with the manners such as GPRS, the eMTC-based intelligent remote water meter device and monitoring system have a significant net continuous quality advantage and lower network delay; flow, pressure and temperature acquisition can be achieved, and the eMTC-based intelligent remote water meter device and monitoring system are high in integration level, have practical value, are suitable for market promotion, and are wide in prospect.

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PN - [CN105590432](#) A 20160518
 PR - CN201410574034 20141024
 AP - [CN201410574034](#) 20141024
 DT - I
 PA - QINGDAO XINYIFA INDUSTRY & TRADE CO LTD
 TI - Electric quantity **wireless** metering system
 AB - The invention relates to an electric quantity **wireless** metering system which includes a monitoring center and a **concentrator** arranged at a data collection point. A plurality of computers are connected to the monitoring center. A GPRS module is connected to the monitoring center for receiving information. A GPRS module arranged on the **concentrator** at the data collection point is used for sending information. A collector is connected to the **concentrator** and is connected to a plurality of user electricity meters. The system achieves **wireless** collection of electricity **consumption** information of users, and achieves online pre-paying and real-time monitoring on electricity **consumption** situation through statistical processing on data, thereby effectively preventing arrears and electricity stealing and the like. The monitoring center publishes the electricity **consumption** information of the users on **Web** through Internet, so that users can query the information conveniently, thereby effectively avoiding dispute. The system is low in cost, and is a high-effective and reliable automatic meter reading system.

5/5 © EPODOC / EPO

PN - [CN105513310](#) A 20160420
 PR - CN201410498649 20140926
 AP - [CN201410498649](#) 20140926
 DT - I
 PA - QINGDAO XINYIFA INDUSTRY & TRADE CO LTD
 TI - Intelligent electric quantity counting system
 AB - The invention relates to an intelligent electric quantity counting system, which comprises a monitoring center and a **concentrator** disposed at a data collection point. Specifically, the monitoring center is connected to a plurality of computers, the monitoring center is connected to a GPRS module for receiving information; the **concentrator** disposed at the data collection point is provided with a GPRS module for sending information, the **concentrator** is connected to a collector, and the collector is connected to multiple user electric meters. The device provided by the invention realizes **wireless** acquisition of user's power **consumption** information, and performs statistical processing on data to realize pre-payment on the internet and real-time

monitoring of the power **consumption** condition, and effectively prevents the occurrence of arrearage, electricity stealing and the like. The monitoring center conducts **Web** publishing of user's power **consumption** information through the Internet, facilitates user's query, and effectively avoids disputes. At the same time, the system is low in cost, and is an efficient and reliable automatic meter reading system.

[SS 13]