

Title (en)

METHODS AND APPARATUS FOR UPDATING FIRMWARE IN AN ELECTRONIC ELECTRICITY METER

Title (de)

Verfahren und Vorrichtung zur aktualisierung der firmware eines elektronischerStromzählers

Title (fr)

PROCEDES ET APPAREIL DE MISE A JOUR DE MICROLOGICIEL DANS UN COMPTEUR D'ELECTRICITE ELECTRONIQUE

Publication

EP 1116039 A1 20010718 (EN)

Application

EP 00941768 A 20000629

Priority

- US 0017954 W 20000629
- US 14160899 P 19990630

Abstract (en)

[origin: WO0101154A1] The present invention, in one embodiment, is a method for operating an electronic electric meter (100) having current (104) and voltage sensors (106) configured to generate measurements of current and voltage, respectively; a microcomputer (114) coupled to the current (104) and voltage sensors (106) and having on-chip masked read only memory (ROM) (120); and a nonvolatile, alterable memory (118) coupled to the microcomputer (114). The method includes steps of: storing vectors pointing to program portions of the ROM in the non-volatile memory; and using the stored vectors to operate the microcomputer to execute the program portions stored in the ROM to control operation of the meter (100).

IPC 1-7

G01R 11/32

IPC 8 full level

G01R 21/133 (2006.01); **G06F 9/445** (2006.01)

CPC (source: EP)

G01R 21/133 (2013.01); **G06F 8/65** (2013.01)

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 0101154 A1 20010104; AU 5642700 A 20010131; CA 2340879 A1 20010104; CA 2340879 C 20110607; EP 1116039 A1 20010718; EP 1116039 A4 20030813

DOCDB simple family (application)

US 0017954 W 20000629; AU 5642700 A 20000629; CA 2340879 A 20000629; EP 00941768 A 20000629