

Title (en)

SYSTEM FOR THE CONTROL OF RETICULATED SERVICES

Title (de)

SYSTEM ZUR ÜBERWACHUNG VON NETZFÖRMIGEN VERSORGUNGSEINRICHTUNGEN

Title (fr)

SYSTEME DE CONTROLE DES INFRASTRUCTURES DES SERVICES PUBLICS

Publication

EP 1552315 A1 20050713 (EN)

Application

EP 03751097 A 20031009

Priority

- IB 0304448 W 20031009
- ZA 200208148 A 20021010

Abstract (en)

[origin: WO2004034069A1] A system is provided for the supply of a reticulated service (2), typically electricity, but optionally gas or water, in which multiple consumer installations (3) are each connected by way of a point of delivery meter (1) (optionally associated with a prepayment controller (4)) to the reticulated service. The point of delivery meters each have a data retention unit (14) associated therewith that not only maintains consumption data corresponding to consumption passed through the point of delivery meter, but also data selected from one or more of applicable tariff; events such as replacement of point of delivery meter or replacement of prepayment controller; occasions of communication with the data retention unit; locator data in respect of premises, consumer installation, point of delivery meter, or separate prepayment controller; and real-time of events logged by the data retention unit. The data retention unit may also have a microprocessor function providing profiles as outputs. The system includes communications stations, typically mobile stations, that are capable of communicating by short-range communication means, typically wireless, with the data retention unit to extract data maintained therein.

IPC 1-7

G01R 21/133; G01F 15/06; G01F 15/075; G01F 15/00

IPC 8 full level

G01D 4/00 (2006.01); **G01F 15/06** (2006.01); **G01F 15/075** (2006.01); **G01R 22/00** (2006.01)

CPC (source: EP)

G01D 4/004 (2013.01); **G01F 15/063** (2013.01); **G01F 15/0755** (2013.01); **G01D 2204/12** (2021.05); **G01R 22/00** (2013.01); **Y02B 90/20** (2013.01); **Y04S 20/30** (2013.01)

Citation (search report)

See references of WO 2004034069A1

Citation (examination)

- US 6452505 B1 20020917 - TAGLIONI DARIA [IT]
- US 2001038342 A1 20011108 - FOOTE CHARLES A [US]
- JP 2000286989 A 20001013 - OSAKA GAS CO LTD

Designated contracting state (EPC)

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DOCDB simple family (publication)

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