

Title (en)

UTILITY METER READING ARRANGEMENT, PARTICULARLY FOR HEATING ELEMENTS AND/OR HOT WATER METERS IN HOMES

Publication

EP 0087637 A3 19850703 (DE)

Application

EP 83101282 A 19830210

Priority

DE 3205621 A 19820217

Abstract (en)

[origin: EP0087637A2] 1. Arrangement for the acquisition of consumption values comprising at least one measuring device which is associated in each case with an interrogation and transmission unit, an evaluating means which is in connection via a line system with the interrogation and transmission units each interrogation and transmission unit (3) comprising a carrier signal generator (7 ; 34) and an HF coupling-in network (8) connected to the line system (2) and a signal converter (5 ; 28) coupled to the output of the measuring device (4, 25 ; 27) and the measuring devices (4, 5 ; 25 ; 27) are adapted to be coupled via a selectively acting circuit (18, 19 ; 31 ; 33) to the evaluating means (21a, 21b, etc. ; 32 etc. ; 37, 38), characterized in that the line system (2) is an HF cable or coaxial cable system which is provided between the interrogation and transmission units (3) and a central unit (1), that the output of the measuring device (4, 5 ; 25 ; 27) is connected in each case to a memory (14) which summates pulse signals of the measuring device (4) and is controllable by a read signal for outputting a summated signal to the carrier frequency generator (7 ; 34), that the evaluating means (21a, etc. ; 32a, etc. ; 37, 38) comprises on the input side a level setting means and an amplifier unit (16, 17) associated with all the interrogation and transmission units (3) and that a remote supply unit (23) is provided.

IPC 1-7

G08C 15/04; H04Q 9/00

IPC 8 full level

G08C 15/04 (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP)

G08C 15/04 (2013.01)

Citation (search report)

- FR 2192422 A1 19740208 - ZETTLER ELEKTROTECHN ALOIS [DE]
- DE 2549791 A1 19770518 - HARTMANN & BRAUN AG
- GB 1005440 A 19650922 - BERGWERKSGESELLSCHAFT WALSUM M
- US 3737858 A 19730605 - TURNER L, et al
- WO 8102962 A1 19811015 - YONG F

Designated contracting state (EPC)

BE DE FR GB LU NL

DOCDB simple family (publication)

EP 0087637 A2 19830907; **EP 0087637 A3 19850703**; **EP 0087637 B1 19881117**; DE 3378506 D1 19881222

DOCDB simple family (application)

EP 83101282 A 19830210; DE 3378506 T 19830210