

Title (en)

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

Publication

EP 0087637 B1 19881117 (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.

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