

Title (en)

METHOD AND DEVICE FOR MINIMIZING THE ENERGY CONSUMPTION OF AN ELECTRICAL LOAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MINIMIERUNG DES ENERGIEVERBRAUCHS EINER ELEKTRISCHEN LAST

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE MINIMISER LA CONSOMMATION EN ENERGIE D'UNE CHARGE ELECTRIQUE

Publication

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Application

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Abstract (en)

[origin: US5673202A] PCT No. PCT/CH94/00172 Sec. 371 Date Apr. 7, 1995 Sec. 102(e) Date Apr. 7, 1995 PCT Filed Sep. 2, 1994 PCT Pub. No. WO95/07500 PCT Pub. Date Mar. 16, 1995A controlling device is operated continuously throughout the day to minimize the energy consumption of an electrical load. The controlling device processes at least one primary measured value and at least one primary nominal value to obtain a control value. The control value is output by the controlling device for controlling the flow of energy to the electrical load throughout the day. The at least one primary nominal value is adjusted for individual conditions occurring throughout the day by using an output obtained by processing at least one secondary measured value and at least one secondary nominal value. The at least one secondary measured value is influenced by a user. The energy consumption of the electrical load is minimized while the comfort level of the electrical load (i.e., readiness of the electrical load when usage is expected) is maximized or optimized.

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