

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE THERMAL BALANCE IN BUILDINGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DES WÄRMEHAUSHALTES IN GEBÄUDEN

Title (fr)

PROCEDE ET DISPOSITIF POUR REGULER LA GESTION THERMIQUE DANS DES BATIMENTS

Publication

**EP 1537366 B1 20120111 (DE)**

Application

**EP 03794748 A 20030909**

Priority

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Abstract (en)

[origin: WO2004025189A1] The invention relates to a method for controlling the thermal flows in at least one building, according to which means for influencing the temperature within the building are controlled based on a plurality of input parameters. Controlling can be done in the most economical manner by triggering the means which regulate the temperature of a specific monitored space or at least one area of a specific space by using a) at least one target value, especially the desired temperature of the specific space, b) at least one general parameter that is characteristic of at least one variable inside and/or outside the building, which at least indirectly influences the temperature within the specific space, and c) at least one special parameter which is characteristic of the specific thermal flow conditions of the specific monitored space or the area of the specific space, as input parameters, and calculating the controlling of the means from said input parameters in a control unit. Preferably, a plurality of specific sensors are disposed on the monitored building and on other optional buildings, and available information on the weather forecast is taken into account as a general parameter, a log of the specific influence thereof on the monitored room being optionally created in a database and being made available so as to optimize future control processes in an adaptive manner.

IPC 8 full level

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