Title (en)

Method and device for energy saving by scheduling of the energy supplied for air-conditioning, according to the previous and/or expected power consumption and the knowledge in advance of weather data

Title (de)

Verfahren und Vorrichtung zum Energiesparen durch Terminieren der Energie, die für die Klimaanlage zugeführt wird, entsprechend dem vorherigen und/oder erwarteten Energieverbrauch und der Kenntnis der Wetterdaten im Voraus

Title (fr)

Procédé et dispositif d'économie d'énergie par la planification de l'énergie fournie pour la climatisation, en fonction de la consommation d'énergie précédente et/ou prévue et la connaissance à l'avance des données météorologiques

Publication

EP 2065655 A3 20121128 (EN)

Application

EP 08168441 A 20081106

Priority

IT MI20072239 A 20071128

Abstract (en)

[origin: EP2065655A2] It is the object of the present invention to create an articulated and automatic system, which allows the reduction the primary energy consumption for room air-conditioning. Such objects are achieved by a device for automatic management and thermoregulation of central systems, that allows individual direct users, and only the users, in the most precise and absolutely democratic manner, to decide how the HVAC systems should operate, both in terms of operation duration and in terms of performance and yields. It is another object of the invention a complex method which allows the carrying out of the automatic room thermoregulation both by knowing the immediate weather data, and by the information obtained from the weather forecast, integrated with the user decision to restrict or, however, to regulate the primary energy consumption for the room air-conditioning, in respect to duration times of air-conditioning and expected room climate parameters.

IPC 8 full level

F24F 11/00 (2006.01)

CPC (source: EP)

F24F 11/30 (2018.01); **F24F 11/62** (2018.01); F24F 11/46 (2018.01); F24F 11/58 (2018.01); F24F 2130/00 (2018.01); F24F 2130/10 (2018.01)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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