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(54) **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**

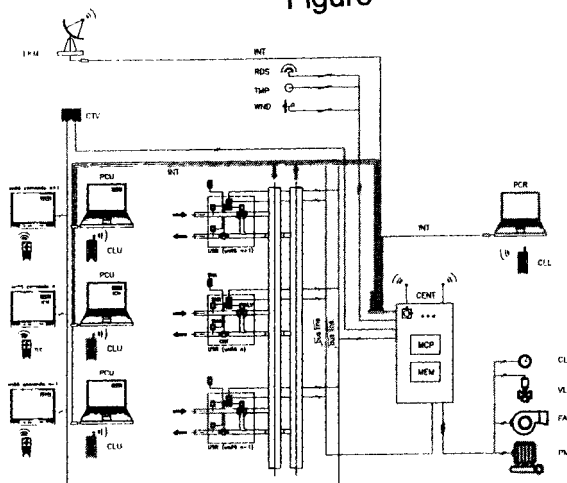
(57) It is the object of the present invention to create an articulated and automatic system, which allows the reduction the primary energy consumption for room air-conditioning.

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.

Figure 5





EUROPEAN SEARCH REPORT

Application Number
EP 08 16 8441

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		18 October 2012	González-Granda, C
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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