

Title (en)
ARRANGEMENT AND METHOD FOR CONTROLLING SYSTEMS

Title (de)
ANORDNUNG UND VERFAHREN ZUR REGELUNG VON ANLAGEN

Title (fr)
AGENCEMENT ET PROCÉDÉ DE RÉGULATION D'INSTALLATIONS

Publication
EP 2313816 A2 20110427 (DE)

Application
EP 09741210 A 20090807

Priority
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Abstract (en)
[origin: WO2010015413A2] An arrangement and method for controlling cooling, air conditioning, ventilation, pneumatic and hydraulic systems on the basis of a microcomputer are to provide an implementation using a single, expandable, simple and compact unit for a plurality of different systems comprising components from different manufactures and simple remote control/remote monitoring by an operator having no programming knowledge by way of known communication means. The arrangement for controlling systems on the basis of a micro-computer having ROM and RAM, interfaces of a web server and data recoding is designed according to the invention as a compact unit for controlling cooling, air conditioning, ventilation, pneumatic and hydraulic systems comprising components from different manufacturers and comprises: a micro-processor having a plurality of controllers that can be freely programmed regarding the functions thereof, a web server as control function operating unit; a network connection; a plurality of multiport inputs that can be programmed freely regarding the functions thereof for actual value control signals; communication interfaces for internal and external networks and/or bluetooth; standardized interfaces for the communication with the system; a plurality of analog and digital outputs for controlling the system components; function-related input by way of communication means and an external plain text display and/or remote polling and/or programming via communication interfaces.

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