

Title (en)
SYSTEM AND METHOD FOR CONTROLLING THE DIFFUSION OF AIR IN A PLURALITY OF ENCLOSURES AND INSTALLATION EMPLOYING SUCH SYSTEM

Title (de)
SYSTEM UND VERFAHREN ZUR KONTROLLE DER DIFFUSION VON LUFT IN EINER VIELZAHL VON GEHÄUSEN UND INSTALLATION MIT EINEM SOLCHEN SYSTEM

Title (fr)
SYSTEME ET PROCEDE DE CONTROLE DE DIFFUSION D'AIR DANS UNE PLURALITE D'ENCEINTES ET INSTALLATION METTANT EN OEUVRE UN TEL SYSTEME

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Abstract (en)
[origin: WO2010112735A1] The system according to the invention enables the total operation of an installation for the diffusion of air in a plurality of enclosures (21) to be reduced. The system according to the invention comprises means (25) for measuring a signal related to the state of operation of the thermal treatment means (13) for the air associated with each enclosure and/or related to the temperature desired independently in each enclosure (21), a module (27) for calculation, on the basis of the measured signals, a setpoint blowing temperature that makes it possible to reduce the total operation of the whole of the thermal treatment means (13). A setpoint blowing throughput is also determined in order to optimize the total operation of the air diffusion installation.

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