

Title (en)
METHOD FOR CLIMATE CONTROL IN BUILDINGS

Title (de)
VERFAHREN ZUM KLIMATISIEREN VON GEBÄUDEN

Title (fr)
PROCÉDÉ DE CLIMATISATION DE BÂTIMENTS

Publication
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Application
EP 11712224 A 20110328

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Abstract (en)
[origin: CA2794557A1] The invention relates to a method for climate control in buildings 1, having a ventilation system 2 with at least a control and regulation unit 6 and an air-guide unit, wherein the ventilation system 2 generates, by means of a separate building opening 10, at least one regulated inflow stream 4 which flows into the building 1 and/or at least one regulated outflow stream 5 which flows out of the building. The insulation and structure of the building 1 should be kept free of condensate. To this end, provision is made for at least one current value for a temperature T_i and/or a corresponding absolute internal atmospheric moisture level φ_i and/or a relative atmospheric moisture level f_i or a partial steam pressure W_i in the interior of the building 1 and at least one current value for a temperature T_a and/or a corresponding absolute external atmospheric moisture level φ_a and/or a relative atmospheric moisture level f_a or a partial steam pressure W_a outside the building 1 to be ascertained. The respectively measured values are supplied to the control and regulation unit 6. An overpressure or an underpressure or no pressure is generated by the air-guide unit in the building 1 as a function of the magnitude of the difference between the values.

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