

Title (en)
CONTROL OF HEATING, VENTILATION, AIR-CONDITIONING

Title (de)
STEUERUNG VON HEIZUNG, LÜFTUNG, KLIMATISIERUNG

Title (fr)
COMMANDE DE CHAUFFAGE, VENTILATION, CLIMATISATION

Publication
EP 3650761 B1 20201111 (EN)

Application
EP 19179011 A 20190607

Priority
EP 18205609 A 20181112

Abstract (en)
[origin: EP3650761A1] Control of heating, ventilation, air-conditioning. A characteristic position is determined for each valve 7 - 9 and/or for each zone of a structure. Normalised positions are produced by referring each characteristic position to its limit value. Also, measures indicative of comfort are determined for each zone of the structure. The determined measures are used to produce deviation measures. A control algorithm relies on the deviation measures as input values. The control algorithm yields equal comfort in each zone. Also, the output values of the control algorithm for the individual valves 7 - 9 are combined with the limit values of each individual valve 7 - 9 to produce combined individual values. New limit positions for the valves 7 - 9 are finally determined as a function of the combined individual values. It is envisaged to either rely on a single such value or to average a time series of such values.

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
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Cited by
EP4343213A1; US11708988B2; EP4170248A1; EP3982048A1

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