

Title (en)
AIR EVACUATION DEVICE.

Title (de)
ABLUFTGERÄT.

Title (fr)
DISPOSITIF D'EVACUATION D'AIR.

Publication
EP 0670027 A1 19950906 (DE)

Application
EP 94928755 A 19940929

Priority
• DE 9401178 W 19940929
• DE 4333193 A 19930929

Abstract (en)
[origin: WO9509330A1] An air evacuation device (4; 4a, 4b) for evacuating the air contained in an interior space (2) into an outer space (1) has a control unit (4; 7c, 7d; 1.0) associated to a moisture sensor (5a; 1.41, 1.42) that detects the moisture of the interior space as a measurement value. The control unit further has a processing unit (71a to 71d; 1.2) that produces a control signal from the measurement value and an actuator (72c, 72d; 1.11; 411) that receives the control signal for modifying the amount of air conveyed depending on the control signal. The control unit (7; 7c, 7d; 10.1; 40) is designed as a microprocessor- or memory-programmable control and is associated to at least one additional signal sensor (5b, 6, 1.611, 1.612, 1.613) that automatically detects another measurement value and/or a control value (device setting) time-set or predetermined by the user(s) of the interior space. The control unit (7; 7c, 7d; 1.0) has a logic processing unit (1.81) that produces the control signal from at least the two measurement or control values, so that when a predetermined moisture value is exceeded in the interior space, a control signal is emitted to operate at least at intervals the air evacuation device (4; 4a, 4b) and thus reduce the interior space moisture below the predetermined value. The control signal is otherwise produced from predetermined linkages between the real and control values.

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