

Title (en)

Method and device for controlled ventilation against mildew

Title (de)

Verfahren und Vorrichtung zum kontrollierten Lüften gegen Schimmelbildung

Title (fr)

Procédé et dispositif destinés à la ventilation contrôlée contre la moisissure

Publication

EP 1878979 B1 20100811 (DE)

Application

EP 07013538 A 20070711

Priority

DE 102006032858 A 20060714

Abstract (en)

[origin: EP1878979A1] The method involves determining minimum upper surface temperature of a room. The temperature and relative air humidity, outside and inside the room, are measured. The relative air humidity is determined depending on the minimum surface temperature and the internal temperature of the room, for preventing humidity in the room. The minimum obtainable relative air humidity is calculated depending on the outer temperature, internal temperature, and relative humidity outside the room. An independent claim is also included for a device for controlling air of a room, which comprises a temperature measuring unit, a humidity measuring unit, a carbon dioxide measuring unit, and a control unit.

IPC 8 full level

F24F 11/00 (2006.01); **F24F 11/76** (2018.01)

CPC (source: EP US)

F24F 11/0001 (2013.01 - EP); **F24F 11/46** (2017.12 - EP US); **F24F 11/523** (2017.12 - EP US); **F24F 11/63** (2017.12 - EP US); **F24F 11/30** (2017.12 - EP); **F24F 11/526** (2017.12 - EP US); **F24F 2110/10** (2017.12 - EP); **F24F 2110/12** (2017.12 - EP); **F24F 2110/20** (2017.12 - EP); **F24F 2110/22** (2017.12 - EP)

Cited by

DE102015203806A1; EP3098527A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1878979 A1 20080116; **EP 1878979 B1 20100811**; AT E477457 T1 20100815; DE 102006032858 A1 20080207; DE 102006032858 B4 20080911; DE 502007004695 D1 20100923; DK 1878979 T3 20101206

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