

Title (en)  
Ventilator with humidity sensor in the air flow

Title (de)  
Ventilator mit Feuchtesensor in natürlicher Luftströmung

Title (fr)  
Ventilateur avec détecteur d'humidité dans le flux d'air

Publication  
**EP 0707180 A3 19971105 (DE)**

Application  
**EP 95114502 A 19950915**

Priority  
DE 9416448 U 19941013

Abstract (en)  
[origin: EP0707180A2] The ventilation fan humidity sensor (13) is positioned within the natural air flow, for controlling the electric drive motor for the fan, in dependence on the humidity level within the room. The fan is contained in a housing (2) which has a natural air flow path (12) separate from the forced air flow path (14) provided by the fan, in which the humidity sensor is contained. Pref. the air flows through the natural air flow path due to thermal currents.

IPC 1-7  
**F24F 11/00**

IPC 8 full level  
**F24F 7/013** (2006.01); **F24F 11/00** (2006.01)

CPC (source: EP US)  
**F24F 7/013** (2013.01 - EP); **F24F 11/0001** (2013.01 - EP); **F24F 11/77** (2017.12 - EP US); **F24F 11/30** (2017.12 - EP);  
**F24F 2110/20** (2017.12 - EP)

Citation (search report)  
• [A] US 4953784 A 19900904 - YASUFUKU HITOSHI [JP], et al  
• [A] EP 0428240 A2 19910522 - SCHOETTLER LUNOS LUEFTUNG [DE]

Cited by  
CN106932019A; FR2796135A1; GB2357142B; EP1306625A3; WO0142718A1; WO2018202312A1

Designated contracting state (EPC)  
AT BE CH DE DK FR GB IE IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0707180 A2 19960417**; **EP 0707180 A3 19971105**; **EP 0707180 B1 20020410**; AT E216055 T1 20020415; DE 59510149 D1 20020516;  
DE 9416448 U1 19941201

DOCDB simple family (application)  
**EP 95114502 A 19950915**; AT 95114502 T 19950915; DE 59510149 T 19950915; DE 9416448 U 19941013