

Title (en)
Ventilating system

Title (de)
Belüftungssystem

Title (fr)
Système de ventilation

Publication
EP 1026452 A3 20000830 (EN)

Application
EP 00200410 A 20000207

Priority
NL 1011238 A 19990208

Abstract (en)
[origin: EP1026452A2] A ventilating system for a building with several enclosed spaces, each having at least one automatically controlled ventilating device which communicates with the surroundings of the building and, depending on the pressure difference over the ventilating device, passes a specific constant throughput, and having a central mechanical exhaust device with a controllable ventilator, in which system per time block a programmable control unit controls the amount of ventilating air per space depending on a stated number of persons present in this space during that time block by controlling the supply devices and the ventilator, and in which system further a sensor placed near the ventilator is present, with which sensor the amount of air drawn in by the ventilator is to be determined, depending on which a control signal is to be generated with the control unit, which control signal controls the number of revolutions of the ventilator such that, depending on the total number of persons stated to be present in the building, a constant amount of air is exhausted.

IPC 1-7
F24F 11/00; F24F 11/047

IPC 8 full level
F24F 11/00 (2006.01)

CPC (source: EP US)
F24F 11/30 (2017.12 - EP); **F24F 11/75** (2017.12 - EP US); **F24F 11/77** (2017.12 - EP US); **F24F 2120/10** (2017.12 - EP US)

Citation (search report)
• [A] DE 4333195 A1 19950330 - SCHOETTLER LUNOS LUEFTUNG [DE]
• [A] EP 0655587 A2 19950531 - SCHOETTLER LUNOS LUEFTUNG [DE]
• [A] GB 2318431 A 19980422 - NUAIRE LTD [GB]
• [A] LUNOS LÜFTUNG GMBH & CO VENTILATOREN KG: "DAS RICHTIGE ZUR RECHTEN ZEIT", MODERNE WOHNUNGSLÜFTUNG, XP002117862, Retrieved from the Internet <URL:http://www.baunet.de/lunos/wohnungslueftung.html> [retrieved on 19991006]

Cited by
EP1482253A3; EP1553357A1; FR2865023A1; DE10118224C1; EP1482253A2; WO2004068038A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1026452 A2 20000809; EP 1026452 A3 20000830; EP 1026452 B1 20030903; DE 60004897 D1 20031009; DE 60004897 T2 20040708; NL 1011238 C2 20000810

DOCDB simple family (application)
EP 00200410 A 20000207; DE 60004897 T 20000207; NL 1011238 A 19990208