

Title (en)

Device for automatically controlling an air maintenance system

Title (de)

Vorrichtung zur automatischen Steuerung eines Luftwartungssystems

Title (fr)

Dispositif pour la commande automatique d'un système d'entretien d'air

Publication

EP 1136762 A2 20010926 (EN)

Application

EP 01302697 A 20010323

Priority

GB 0007091 A 20000323

Abstract (en)

A device (10) for automatically controlling an air maintenance system (12) is disclosed. The device uses a Passive Infra-Red (PIR) detector (14) to count the number of movements within an enclosed space during a specified time period. Readings from a temperature sensor (16) may also be included. A processor (18) then estimates the number of people within the enclosed space and thereby activates the air maintenance system (12) at a suitable activation level. Preferably, a PIR detector (14) with no latching-on period is provided. Communication between the processor (18) and the air maintenance system is preferably by way of a radio transceiver (32). <IMAGE>

IPC 1-7

F24F 11/00

IPC 8 full level

F24F 11/00 (2006.01)

CPC (source: EP US)

F24F 11/30 (2017.12 - EP); **F24F 11/65** (2017.12 - EP US); **F24F 2120/10** (2017.12 - EP US); **F24F 2120/14** (2017.12 - EP)

Citation (examination)

- US 5395042 A 19950307 - RILEY JOSEPH D [US], et al
- PATENT ABSTRACTS OF JAPAN vol. 009, no. 121 (M - 382) 25 May 1985 (1985-05-25)

Cited by

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EP 1136762 A2 20010926; **EP 1136762 A3 20021106**; GB 0007091 D0 20000517; GB 2360606 A 20010926

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