

Title (en)
VENT DEVICE

Title (de)
LÜFTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'EVENT

Publication
EP 1395782 A4 20070606 (EN)

Application
EP 01939027 A 20010514

Priority
US 0115478 W 20010514

Abstract (en)
[origin: CA2447056A1] A vent device (10) for communicating air from the duct of an air supply system into an environment, such as a room of a building, includes a body (12) having a passageway (18) therethrough for receiving air from the air supply system, with the body (12) defining a first opening (20) for placing the passageway in fluid communication with the air supply system. Also included is a filter housing defining a filter slot (46), the filter housing having an inner wall (50) provided with a plurality of first vent openings (54) for being selectively placed in communication with the passageway of the body. Further, the filter housing has an outer wall provided with a plurality of second vent openings communicating with the filter slot and the room in the building so as to communicate air from the filter slot into the room. The vent device also includes a filter (58) for being removably received in the filter slot of the filter housing, the filter defining an enclosure (60) having a cavity (62) which houses a filter material (63). The enclosure (60) has an inner and outer walls (64, 66), with the inner wall (64) being provided with a plurality of third vent openings (68) and the outer wall (66) being provided with a plurality of fourth vent openings (70) which register with the third vent openings (68) to provide air flow through the filter (58).

IPC 8 full level
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CPC (source: EP)
F24F 13/085 (2013.01); **F24F 13/12** (2013.01); **F24F 13/28** (2013.01)

Citation (search report)

- [X] US 4407187 A 19831004 - HORNEY ROBERT W [US]
- [A] US 5472380 A 19951205 - SARAZEN JR PAUL M [US], et al
- See references of WO 02093083A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL LT LV MK RO SI

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