

Title (en)

Air flow regulating device for a ventilation system

Title (de)

Vorrichtung zur Luftmassenstromregelung eines Lüftungssystems

Title (fr)

Dispositif de régulation de débit d'air d'un système de ventilation

Publication

EP 1701104 A3 20080625 (DE)

Application

EP 06101226 A 20060202

Priority

DE 102005005514 A 20050204

Abstract (en)

[origin: EP1701104A2] The airflow regulator for a ventilation system with a feed duct (11) and an exhaust duct (12) has a flow sensor (13) for the airflow and connector valves (14) for the sensor to reduce an imbalance between the duct pressures. The connector valves selectively connect the sensor with the feed or exhaust ducts. The valves can be three-way power operated valves. The flow sensor can be a hot wire anemometer or a diaphragm pressure detector.

IPC 8 full level

F24F 11/00 (2006.01); **F24F 7/08** (2006.01)

CPC (source: EP US)

F24F 11/0001 (2013.01 - EP US); **F24F 11/745** (2017.12 - EP); **F24F 2011/0002** (2013.01 - EP); **F24F 2110/30** (2017.12 - EP); **F24F 2110/40** (2017.12 - EP US)

Citation (search report)

- [A] WO 0184057 A1 20011108 - MATTSSON TORSTEN [SE], et al
- [A] EP 0409779 A2 19910123 - HESCO PILGERSTEG AG [CH]
- [A] US 6227961 B1 20010508 - MOORE SCOTT W [US], et al
- [A] DE 2542160 A1 19770331 - LTG LUFTECHNISCHE GMBH

Cited by

CN106705253A

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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