

Title (en)
ELECTRONICALLY REGULATED SELF-CONTROLLED VENTILATION UNIT

Title (de)
ELEKTRONISCH GEREDELTE LÜFTUNGSANLAGE MIT SELBSTSTEUERUNG

Title (fr)
GROUPE DE VENTILATION AUTO-PILOTE A REGULATION ELECTRONIQUE

Publication
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Application
EP 01907834 A 20010216

Priority
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Abstract (en)
[origin: US6699119B2] A ventilation unit is provided comprising an electronically driven ventilator, mounted inside a casing wherein emerge several ducts connected to one or several rooms. Said unit further comprises orifices with specific cross-section, and a differential-pressure sensor measuring the difference in pressure between two predetermined points, said value being transmitted to an analysis and control device, which compares the differential pressure value to a reference value and controls the ventilator, such that it accelerates or slows down its rotational speed, so as to maintain the differential pressure constant and equal to the reference value, to maintain the desired flow rate at said orifices.

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