

## Title (en)

VENTILATING AND HEATING SYSTEM, OR A SENSING ELEMENT FOR MEASURING THE COMFORT

## Publication

**EP 0048016 A3 19820512 (DE)**

## Application

**EP 81107245 A 19810914**

## Priority

HU 227980 A 19800916

## Abstract (en)

[origin: US4477020A] The invention relates to a ventilating and heating apparatus for rooms of particularly high headrooms. It comprises one or more air-heating units and one or more room heating units. A feature of the apparatus is that the room is equipped with ventilating openings directed to the sojourn space of the room, injecting in summer and drawing in winter as well as with ventilating openings directed to the space under the ceiling, injecting in winter and drawing in summer. The power regulator unit of the air heating unit and the power regulator unit of the room heating unit are in connection with an automatic regulator unit forcing first the air heating unit, afterwards the room heating unit to decrease their power if the value of heat sensation indicated by the sensor unit of heat sensation exceeds an a longer period an adjusted equilibrium value; and inversely, forcing first the room heating unit, afterwards the air heating unit of the room to increase their power if a lower value of heat sensation is indicated on a longer period. The sensor unit of heat sensation is featured in that its sensing element is in connection with an electric heater of at least 30 W/m<sup>2</sup> power related to the surface of its cover, supplying a heating of expediently instant and selectable or adjustable power during operation.

## IPC 1-7

**F24F 7/08**; **F24D 9/00**; **F24D 19/00**; **F24F 11/053**; **G05D 23/20**

## IPC 8 full level

**F24D 5/04** (2006.01); **F24D 5/02** (2006.01); **F24D 9/00** (2006.01); **F24D 19/00** (2006.01); **F24D 19/10** (2006.01); **F24F 5/00** (2006.01); **F24F 7/04** (2006.01); **F24F 7/06** (2006.01); **F24F 7/08** (2006.01); **F24F 11/76** (2018.01); **G05D 23/20** (2006.01)

## CPC (source: EP US)

**F24D 5/02** (2013.01 - EP US); **F24D 19/1084** (2013.01 - EP US); **F24F 5/0089** (2013.01 - EP US); **F24F 7/08** (2013.01 - EP US)

## Citation (search report)

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## Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

## DOCDB simple family (publication)

**EP 0048016 A2 19820324**; **EP 0048016 A3 19820512**; **EP 0048016 B1 19850410**; AT E12683 T1 19850415; CS 238615 B2 19851216; DD 201724 A5 19830803; DE 3169850 D1 19850515; FI 64714 B 19830831; FI 64714 C 19831212; FI 812877 L 19820317; HU 180379 B 19830228; JP S5782631 A 19820524; SU 1327798 A3 19870730; US 4477020 A 19841016

## DOCDB simple family (application)

**EP 81107245 A 19810914**; AT 81107245 T 19810914; CS 662681 A 19810909; DD 23322781 A 19810911; DE 3169850 T 19810914; FI 812877 A 19810915; HU 227980 A 19800916; JP 14604581 A 19810916; SU 3334259 A 19810915; US 29634981 A 19810826