

Title (en)

REGULATING-COMPENSATING DEVICE FOR A VENTILATING, HEATING AND/OR AIR CONDITIONING INSTALLATION IN A VEHICLE, IN PARTICULAR A MOTOR VEHICLE, PASSENGER COMPARTMENT

Title (de)

REGEL- UND KOMPENSATIONSVORRICHTUNG FÜR DIE HEIZUNG, LÜFTUNG UND/ODER KLIMAANLAGE DES FAHRGASTRAUMES EINES FAHRZEUGES, INSBESONDERE EINES KRAFTFAHRZEUGES

Title (fr)

DISPOSITIF REGULATEUR-COMPENSATEUR D'UNE INSTALLATION DE VENTILATION, CHAUFFAGE ET/OU CLIMATISATION D'UN HABITACLE DE VEHICULE NOTAMMENT AUTOMOBILE

Publication

**EP 0999946 A1 20000517 (FR)**

Application

**EP 99920939 A 19990528**

Priority

- FR 9901258 W 19990528
- FR 9806831 A 19980529

Abstract (en)

[origin: FR2779097A1] The invention concerns a regulating-compensating device for a ventilating, heating and/or air conditioning installation in a vehicle, in particular a motor vehicle, passenger compartment, comprising means selectively measuring physical variables such as a sensor and a module for computing (11) a mean inside temperature (Tmoy) in the passenger compartment, based on a selected thermal model, associated with the vehicle or by using a temperature sensor. The invention is characterised in that the module is further capable of evaluating a temperature (Tt) and a ventilated air velocity (Vt) in a predetermined zone of the compartment, on the basis of the measurements representing a temperature (Tas) and a velocity (Vas) of air blown through a selected air supply air grille (12), and on the basis of a ventilation model associated with said grille, combined with said thermal model or with the vehicle inside temperature sensor.

IPC 1-7

**B60H 1/00**

IPC 8 full level

**B60H 1/00** (2006.01)

CPC (source: EP US)

**B60H 1/00735** (2013.01 - EP US)

Citation (search report)

See references of WO 9962729A1

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

**FR 2779097 A1 19991203; FR 2779097 B1 20000804; EP 0999946 A1 20000517; WO 9962729 A1 19991209**

DOCDB simple family (application)

**FR 9806831 A 19980529; EP 99920939 A 19990528; FR 9901258 W 19990528**