

Title (en)
SYSTEM AND METHOD OF CLIMATE CONTROL IN A ROOM, A CEILING FOR THIS PURPOSE AND A METHOD OF INSTALLATION OF SUCH SYSTEM

Title (de)
SYSTEM UND VERFAHREN ZUR KLIMATISIERUNG EINES RAUMS, DECKE FÜR DIESEN ZWECK UND VERFAHREN ZUR INSTALLIERUNG EINES SOLCHEN SYSTEMS

Title (fr)
SYSTEME ET PROCEDE DE CONTROLE CLIMATIQUE DANS UNE PIECE, PLAFOND SERVANT CET OBJECTIF ET PROCEDE D'INSTALLATION DE CE SYSTEME

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Application
EP 01980210 A 20011108

Priority
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Abstract (en)
[origin: WO0240926A1] The invention relates to a system for climate control of a room through ventilation of the room comprising a ventilating ceiling, a pressure chamber above the ceiling, air supply means for the pressure chamber, means for suction of air out of the room, and means for control of the air supply means for control of the climate in the room, said ceiling having a certain predetermined combination of at least one active and one passive section in relation to the relevant characteristics of the room in which the active sections allow for penetration of air from the pressure chamber into the room contrary to the passive sections which do not allow air penetration. By a ventilation system according to the invention, a simple and efficient system for climate control of a room has been obtained in which sections of the ceiling are used as air supply surfaces. These sections are placed in a ceiling in relation to the convection sources in the room so that appropriate ventilation takes place in the areas of the room in need thereof.

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