

Title (en)
METHOD AND DEVICE FOR VENTILATION OF A SPACE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR BELÜFTUNG EINES RAUMS

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR LA VENTILATION D'UN ESPACE

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Application
EP 09729143 A 20090330

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Abstract (en)
[origin: WO2009123552A1] The invention relates to a method and a device (1) for ventilation of a space (A) containing room air, which device (1) is supplied with intake air (6) at lower temperature than the temperature of the room air, is supplied with recirculating room air (7) and causes output air (8) to flow out into the space (A) in at least one first output air direction (9a) and at least one second output air direction (9b). The output air (8) is a mixture of intake air (6) and recirculating room air (7). In the first output air direction (9a), output air (8) flows at a temperature which is higher than the temperature of the room air towards a cooling surface (D), e.g. a window, in the space (A). In the second output air direction (9b), output air (8) flows at a temperature which is lower than or equal to the temperature of the room air towards at least one wall surface (E; F; G). In an upper zone (13), output air (8) accumulates and is cooled in order thereafter to follow the surface (D) towards the floor (C), whereby so-called cold draught in the space (A) is reduced while at the same time ventilation effect in the space (A) is optimised.

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Citation (search report)
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• [A] EP 1188992 A2 20020320 - FLAEKT AB [SE]
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