

Title (en)

AIR CONDITIONING DEVICE AND METHOD FOR THE USE OF SUCH AN AIR CONDITIONING DEVICE

Title (de)

RAUMLUFTTECHNISCHES GERÄT UND VERFAHREN ZUR VERWENDUNG EINES SOLCHEN RAUMLUFTTECHNISCHEN GERÄTES

Title (fr)

APPAREIL AÉRAULIQUE ET PROCÉDÉ D'UTILISATION D'UN TEL APPAREIL AÉRAULIQUE

Publication

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Application

EP 09768995 A 20090624

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Abstract (en)

[origin: WO2009156146A1] The invention relates to an air conditioning device having a measuring control module (23), comprising a housing (1) equipped with at least one opening for an air supply (AUL, ABL), and at least one opening for an air outlet (ZUL, FOL), having different air treatment modules (3 to 10, and 25 to 28), and flow paths (31 to 61, and 104 to 118), of which at least two flow paths (44, 61; 45, 35; 104, 106) are positioned parallel to each other, wherein partial volume flows can be applied to at least the parallel flow paths (35, 39, 44, 45, 46, 57, 61, 104, 106) by way of flow controllers (11 to 22, 29), and the partial volume flows can be set by the measuring control module (23) by way of said flow controllers stated above, having at least two thermal air treatment modules (8, 9, 10, 26, 100, 102, 120), wherein at least one first thermal air treatment module (8, 9, 10, 100) is associated with the parallel flow paths (35, 61; 44, 45, 104, 106), and the parallel flow paths are combined in a mixture point. The invention is characterized in that a second thermal air treatment module (8, 9, 10, 102) is positioned in a resulting flow path (37, 57, 108) extending from the mixture point, said flow path (37, 57, 108) able to be bypassed by means of a bypass flow path (39, 46, 110), and the second thermal air treatment module (8, 9, 10, 102) is further positioned in at least one further flow path (34, 48, 114) independent of the resulting flow path (37, 57, 108).

IPC 8 full level

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