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(54) **Method of regulating an air-conditioning plant and an air-conditioning plant according to the method.**

(57) Method and device for the regulation of a room air-conditioning device (10). According to the method, the condensation of water is prevented by means of a heat exchanger (12) in connection with the surface of heat transfer means by maintaining the temperature of the heat exchanger (12) above a momentary condensation point temperature (T_K). In the method, the condensation point temperature (T_K) of the room space is observed experimentally, and on the basis of said experimental information, the temperature of the heat exchanger (12) of the air-conditioning plant (10) is regulated above said observed condensation point temperature (T_K).

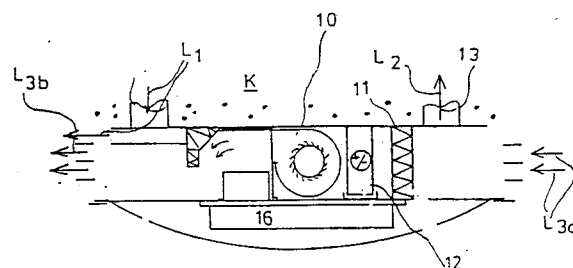


FIG. 1B



European Patent
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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-4 526 011 (LOGAN) * column 2, line 46 - column 3, line 49 * * column 9, line 16 - column 10, line 16; figures 1,4 *	1,4,5,9, 10,12, 13,17,18	F24F11/08 F24F3/06 F24F13/22
A	---	6,7,14, 15	
X	US-A-4 513 577 (WILSON) * column 1, line 63 - column 2, line 4 * * column 2, line 48 - line 54; figures 1,2 *	1,10,17, 18	
A	---	1,4,10, 12,17,18	
A	WO-A-8 601 144 (GOTTFRIED AMANN) * page 7, line 24 - line 31 * * page 10, line 9 - page 13, line 18; figure 8 *		
A	---	8,16	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	WO-A-8 604 553 (HÖLTER) * page 6, line 18 - page 7, line 15; figures 2,3 *		F24F F25D F25B G05D
A	---		
A	US-A-3 385 350 (MC GRATH) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 MARCH 1993	Examiner COLI E.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			

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