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54 **Device for humidifying the air in plants for heating the environment.**

57 The air humidifier device (11) is designed to be placed inside groups that deliver hot air, such as convectors (1), unit heaters and the like, and it comprises a container (12) for water crossed, at least in part, by tubular elements (18) through the inside of which hot air can pass.

The inner surface of the container (12) is partially faced with panels (21) of a porous absorbing material. The said tubular elements (18) have overhead a concave cover (19),

the concavity of which faces downwards and this is designed to direct the hot air towards the surface of the water in the container (12).

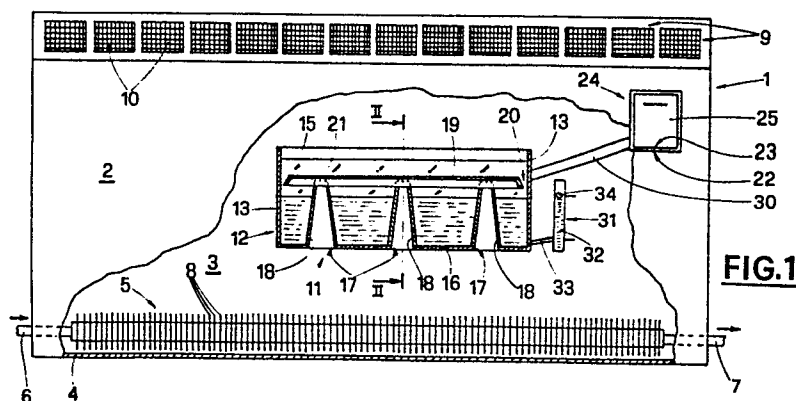


FIG.1



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. ³)
A	DE-A-1 925 080 (BÖTTINGER) * Figure 1 *	1	F 24 F 6/08
A	DE-U-1 719 542 (WAGNER) * Figure 3 *	1	
A	FR-A-2 265 046 (STE ALSACIENNE D'ELECTRICITE GUERINEAU) * Page 2 *	1	
A	DE-U-7 208 488 (VAMA-VERTRIEB) * Figure 1, reference 9 *	3	
A	GB-A- 521 168 (ELECTRO-HORTICULTURAL EQUIPMENT CO.) * Figure 2, reference 22 *	3	
A	DE-U-7 216 479 (WIBO-WERK) * Page 12, paragraph 2 *	4, 5	F 24 F 3/00 F 24 F 6/00 F 24 H 3/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 26-09-1983	Examiner PIEPER C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			