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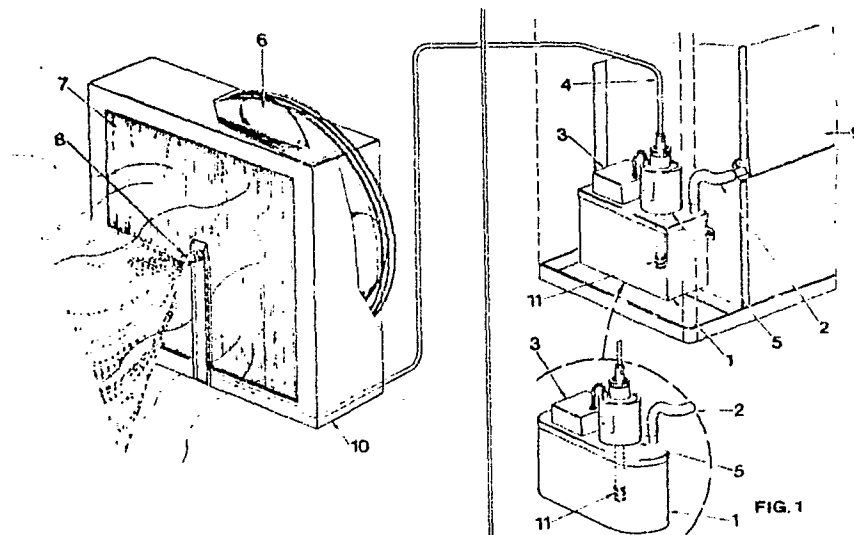
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(54) **Condensate drainage system for air conditioners of the "split" or mono bloc type with condenser exposed to the outside.**

(57) The condensate drainage system for monobloc or split type air conditioners comprises a collecting vessel (1) for the condensate and an atomizing nozzle (8) which are connected to each other by means of a conduit (4) in which a pump (5) is inserted.

The atomizing nozzle (8) is arranged on the outside and preferably in the warm air stream flowing from the condenser (10) of the air conditioner so that the condensate jet exiting from the atomizing nozzle (8) will be fully evaporated in the open air.



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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.4)
Y	GB-A-2 126 695 (ANDREWS INDUSTRIAL EQUIPMENT LIMITED) * page 2, lines 31-68 *	1,6	F 24 F 13/00 F 24 F 1/00
A	---	2	
Y	GB-A-1 591 713 (TAT-KWONG) * page 2, lines 56-81 *	1	
A	---	4	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 222, 2nd August 1986; & JP - A - 61 59127 (MATSUSHITA ELECTRIC IND. CO. LTD.) 26-03-1986 ---	1,2	
A	DE-B-1 200 504 (LUWA AG) * complete document *	1	
Y	PATENT ABSTRACTS OF JAPAN vol. 9, no. 249, 5th October 1985; & JP - A - 60 99939 (DAIKIN KOGYO) 03-06-1985 ---	6	
A	EP-A-0 170 646 (EVZONE HOLDINGS S.A.) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 24 F 1/00 F 24 F 13/00
Place of search		Date of completion of the search	Examiner
BERLIN		16-07-1989	PIEPER C
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			