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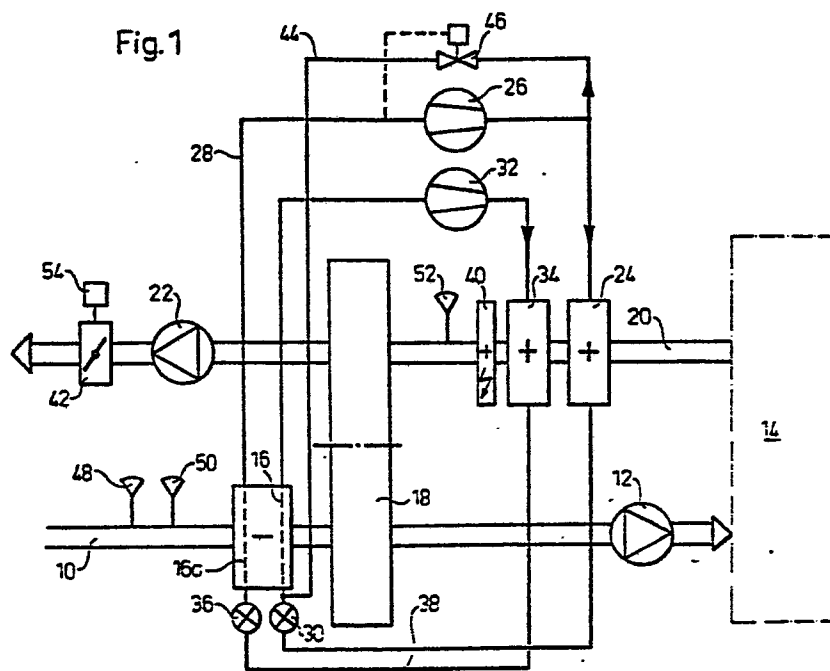
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⑤④ **Method and device for gas conditioning.**

⑤⑦ Method and device for conditioning a gas such as air, wherein the gas is cooled by means of a cooling circuit for dehydration of the gas by evaporation of a refrigerant in the evaporator (16) of the cooling circuit. The gas is conducted also through a treatment zone in a regenerative exchanger apparatus, in which moisture is delivered to a moisture absorbing drying agent. The cooling circuit comprises in addition to the evaporator (16) a compressor (26) and a condenser (24). The cooling circuit is regulated as to its effect so that the greatest cooling and dehydration effect is obtained without any formation of ice on the evaporator taking place.

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.4)
X	FR-A-2 357 828 (DAIKIN KOGYO CO. LTD) * Page 19, lines 23-40; page 20; figure 11 *	1,2,5	F 24 F 3/14
Y		3,4,6-8	
Y	--- US-A-3 968 833 (STRINDEHAG et al.) * Column 4, lines 28-56; figure 3 *	3,4,6-8	
A	--- US-A-2 102 354 (CHAMBERS) * Whole document *	1,6,9	
A	--- DE-A-2 932 342 (LINDE AG) * Whole document *	4,6	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	--- PATENT ABSTRACTS OF JAPAN, vol. 7, no. 37 (M-193)[1182], 15th February 1983; & JP-A-57 188 948 (TAKASAGO NETSUGAKU KOGYO K.K.) 20-11-1982	10	F 24 F F 25 B
A	--- FR-A-2 299 605 (BERNIER) --- -/-		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-07-1987	Examiner BORRELLI R.M.G.A.
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			



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)
A	GB-A-2 076 958 (CARRIER DRYSYS LTD)		

A	US-A-4 474 021 (HARBAND)		

A	FR-A-2 428 211 (CARRIER DRYSYS LTD)		

The present search report has been drawn up for all claims			
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CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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A : technological background		D : document cited in the application	
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