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D-8000 München 22(DE)(54) **Control apparatus for a refrigerating appliance of the automatic defroster type.**

(57) A control apparatus for a refrigerating appliance comprises a commutator controlled by a timer for cyclically commutating from a first position, in which electric power is supplied to a compressor motor, to a second position in which power is supplied to an evaporator defrosting resistance heater via a thermostat commutator when the latter is in a position corresponding to a low temperature of the evaporator. The thermostatic commutator switches to a second position in response to sensing a higher temperature of the evaporator. The timer is supplied with electric power via the controlled commutator when the latter is in its first position, and via the series-connection of the two commutators when in their second positions. The automatic defrosting operation is thus carried out in accordance with the actual condition of the evaporator.

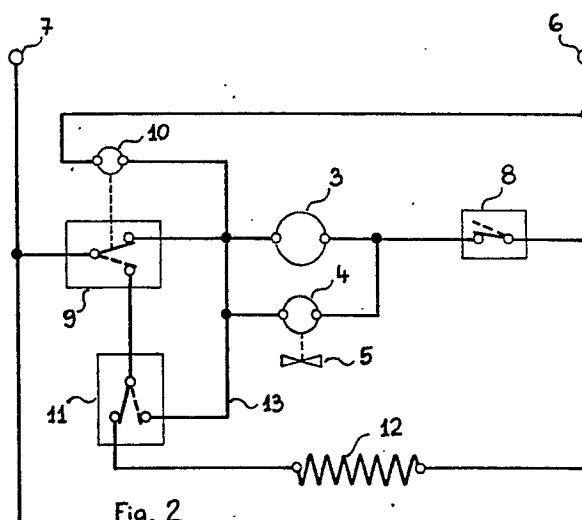


Fig. 2

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EP 87 10 8043

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	EP-A-0 017 458 (RANCO INCORPORATED) * page 6, line 8 - page 7, line 13; page 10, line 17 - page 12, line 12; page 14, line 25 - page 17, line 26; page 19, line 13 - page 22, line 12; figures 2, 4 - 6 *	1	F 25 D 21/08 G 05 D 23/275 F 25 D 21/00
A	---	2	
A	US-A-4 530 218 (DONALD E. JANKE et al.) * column 4, line 23 - column 5, line 11; figure 3 *	1, 2	
A	---		
A	US-A-4 439 995 (WILLIAM J. McCARTY) * column 3, line 59 - column 5, line 24; figure 2 *	1	
A	---		
A	US-A-3 854 915 (KARL J. SCHULZE-BERGE) * column 3, line 47 - column 5, line 28; figure 1, 1A *	1, 2	
A	---		
A	US-A-4 373 350 (JOSEPH R. NOLAND) * column 5, line 19 - column 8, line 28; figure 2 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) F 25 D
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 19-12-1988	Examiner KELPERIS K.
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			