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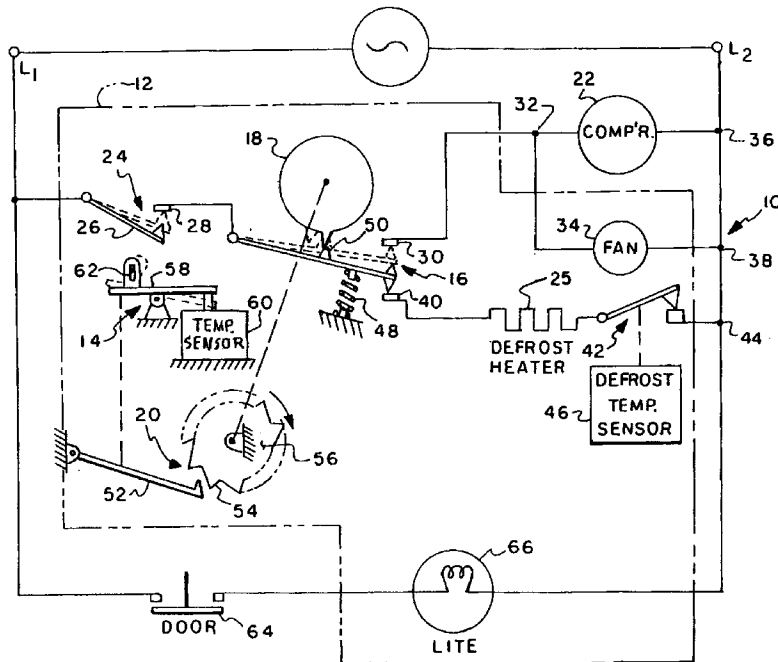
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(54) Controlling defrost in a refrigerated compartment

(57) An electromechanical defrost control system (10) for a refrigerator which uses the compressor cycling thermostat (14) to incrementally advance a ratchet (20) each compressor cycle. The ratchet (20) drives a cam (18) which closes a defrost heater selector switch (16) when a predetermined accumulated number

of compressor cycles have occurred. Upon the compartment being heated, the thermostat (14) incrementally advances the cam (18) which returns the selector switch (16) to the compressor operating position and de-energizes the defrost heater (25).





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EUROPEAN SEARCH REPORT

Application Number
EP 95 12 0450

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.6)	
X	US 4 510 765 A (ROSSI)	1,4-6, 9-13	F25D21/06	
Y	* column 1, line 1 - column 2, line 31 * * column 5, line 37 - column 6, line 46; figures *	2,3,7,8		
Y A	--- US 2 711 079 A (GRIMSHAW) * column 1, line 15 - line 58 * * column 4, line 32 - column 5, paragraph 1; figures *	2,3,7,8 1,4-6		
A	--- US 3 924 416 A (DURDIN) * column 1, line 1 - column 2, line 63; figures *	1		
A	--- US 2 949 016 A (THORNER) * column 3, paragraph 3 - paragraph 4; figures *	1		
A	--- US 2 166 602 A (MCGRATH) * page 5, line 23 - line 60; figures *	1		TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	--- US 3 022 640 A (HUBACKER) * column 1, line 7 - line 66; figures *	1		F25D
A	--- US 4 173 871 A (BROOKS) * column 3, line 30 - line 56; figures *	1		
A	--- US 4 358 933 A (HORVAY) * abstract; figures *	1		
The present search report has been drawn up for all claims				
Place of search THE HAGUE		Date of completion of the search 17 November 1997	Examiner Righetti, R	
CATEGORY OF CITED DOCUMENTS		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		
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				