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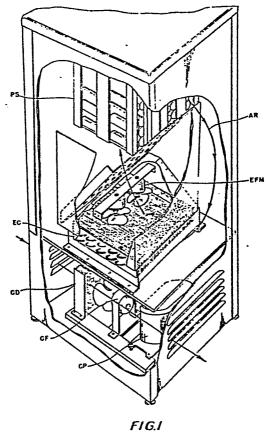
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Refrigeration system for a chilled product vending system.

57) A control circuit for cycling the evaporator fans (EFM) on and off independently of the operation of the compressor (CP) of the refrigeration system is described. The evaporator fan (EFM) is cycled on with the compressor (CP) and continues to run during the entire compressor ON cycle. A first timer (D) causes the evaporator fan (EFM) to run for an additional delay period following the cycling OFF of the compressor (CP) and the fans continue to blow air over the evaporator coil (EC) until the temperature of the evaporator coil (EC) is sufficiently above the freezing point of water (32°F, 0°C). The fans are then cycled off. A second cycling timer (CY) is provided to intermittently cycle the evaporator fans on and off for predetermined short intervals following the above-described delay period, and during the time when the compressor (CP) is off. A third timer (fP) is provided to preclude freezing of the vended products and/or the evaporator coil (EC) when a vending machine is disposed in a below freezing environment. This timer (fP) is enabled when the thermostatic temperature switch (TS) which controls the compressor opens, and will time out to cycle on the evaporator fans for continuous operation for a predetermined period of time if the temperature switch remains open in excess of a predetermined period of time.





EUROPEAN SEARCH REPORT

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Category		th indication, where appropriate, rant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI 4)
A	US-A-2 529 470 * Whole document	(JOHNSON)	1	F 25 D 17/06 F 25 D 29/00
A	US-A-4 136 730 * Whole document	(KINSEY) *	1	
A	US-A-2 962 872	(CROTSER et al.)		
				TECHNICAL FIELDS SEARCHED (Int. CI 4)
				F 25 D
	The present search report has b			
	Place of search THE HAGUE	Date of completion of the search 24-09-1985	SILVI	Examiner 5 H.
Y: Da	CATEGORY OF CITED DOCU irticularly relevant if taken alone irticularly relevant if combined w irticularly relevant if combined w ircument of the same category chnological background in-written disclosure	E: earlier pa	principle underlitent document, tilling date t cited in the app t cited for other transfer and the second s	ying the invention out published on, or dication reasons