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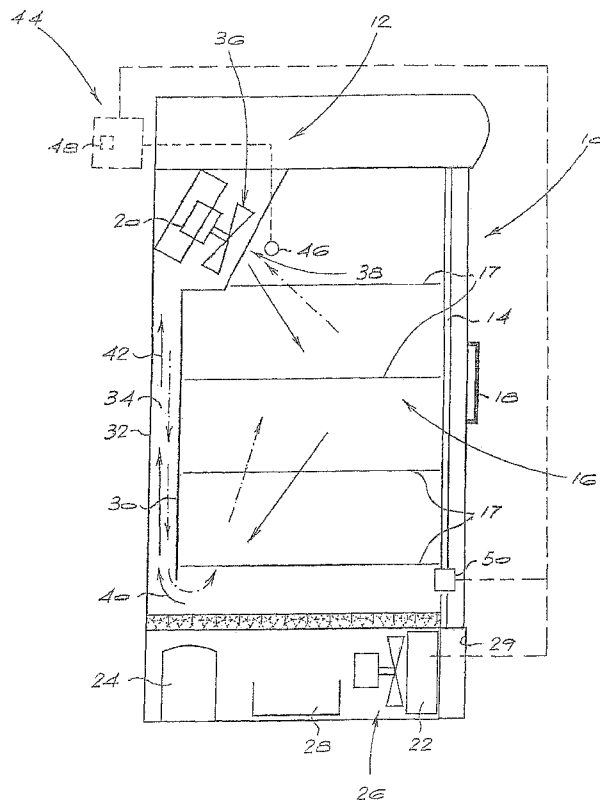
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[Continued on next page]

(54) Title: REFRIGERATION SYSTEM



(57) Abstract: The invention concerns a refrigeration system (12) including an evaporator (20) for evaporating a refrigerant and an air displacement arrangement (36) for causing air to be displaced across the evaporator. The system also include a control system (44) for adjusting the volume of air and/or the direction at which air is caused to be moved across the evaporator by the air displacement arrangement. The volume of air and/or the direction at which air is caused to be moved across the evaporator is controlled by the control system in response to measurements taken by a gauge such as a thermometer (46) for measuring the air off temperature of the evaporator and a timer (48). The air displacement arrangement is typically in the form of a fan having pitch-adjustable fan blades. This allows the pitch angle of the fan blades to be adjusted in order to change the air volume and/or the direction of air flow.

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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. F25D17/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
F25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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X	US 4 369 632 A (ABRAHAM FAYEZ F) 25 January 1983 (1983-01-25) column 12, line 68 - column 13, line 8	1-6, 9-13,16
X	US 2004/050075 A1 (KING EDDIE W [US] ET AL) 18 March 2004 (2004-03-18) the whole document	1,3,9, 12,16
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See patent family annex.

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- \*&\* document member of the same patent family

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# INTERNATIONAL SEARCH REPORT

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