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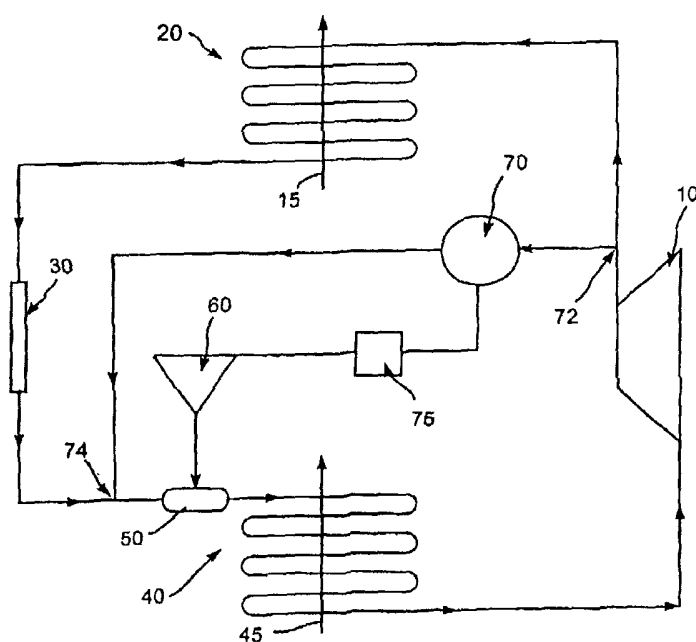
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

- (54) Title:** DEVICE AND METHOD FOR OPERATING A REFRIGERATION CYCLE WITHOUT EVAPORATOR ICING



(57) Abstract: The present invention relates to a device and method for operating a refrigeration cycle without icing of the evaporative surface (40) of the device using a hot gas bypass system (70, 72, 74) operated by a solenoid (75) controlled by a microprocesseur (60).

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F25B 47/02; F25D 21/02, 21/06

US CL : 62/81, 140, 155, 156, 196.4, 278

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)

U.S. : 62/81, 140, 155, 156, 196.4, 278, 277, 151, 234, 525, 526

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3,498,073 A (KUSUDA et al) 03 March 1970 (03.03.1970), column 2, lines 31-54.	32, 34, 37-42, 48
Y	US 4,944,158 A (AKIIE et al) 31 July 1990 (31.07.1990), column 4, lines 3-28.	38, 41, 43, 48
Y	US 3,359,749 A (HOWLAND et al) 26 December 1967 (26.12.1967), column 5, lines 2-18.	33, 35, 44-47
Y	US 4,736,594 A (PAO) 12 April 1988 (12.04.1988), column 4, lines 16-56.	33-35, 39-41, 44, 45, 47
Y	US 3,822,564 A (NIJO) 09 July 1974 (09.07.1974), column 6, line 19 to column 7, line 13.	33-35, 39-41, 44, 45, 47
A	US 4,313,313 A (CHROSTOWSKI et al) 02 February 1982 (02.02.1982)	1-31, 36, 49-55
A	US 4,625,524 A (KIMURA et al) 02 December 1986 (02.12.1986)	1-31, 36, 49-55

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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