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(11) **EP 0 866 289 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
22.12.1999 Bulletin 1999/51

(51) Int. Cl.⁶: **F25B 39/00**, F25B 25/00,
F25D 3/00, F28D 20/02

(43) Date of publication A2:
23.09.1998 Bulletin 1998/39

(21) Application number: **97203453.2**

(22) Date of filing: **07.11.1997**

(84) Designated Contracting States:
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **18.03.1997 IT MI970619**

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(54) **A heat-exchanger such as a condenser and/or evaporator for refrigerating apparatus**

(57) A heat-exchanger (1) such as an evaporator and/or a condenser for refrigerating apparatus which achieves a good performance of the cycle and, at the same time, is of simple construction comprises a coil (2) for a refrigerant fluid and a heat accumulator arranged for exchanging heat (3) with the coil (2).

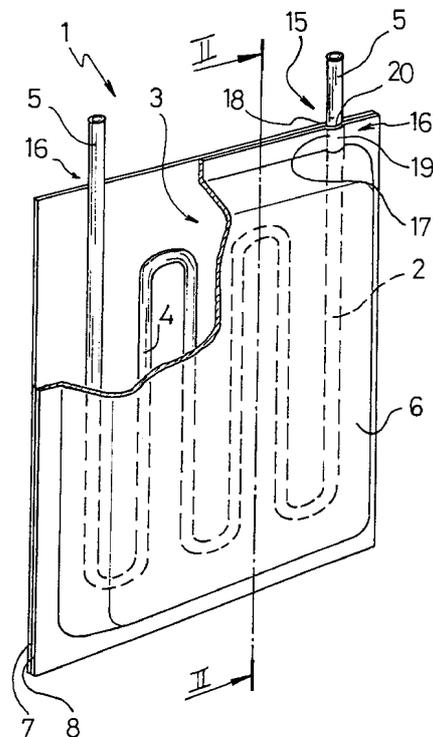


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 20 3453

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 2 405 432 A (DOLE REFRIGERATING COMPANY) 6 August 1946 (1946-08-06)	1-4	F25B39/00 F25B25/00 F25D3/00 F28D20/02	
Y	* the whole document * ---	5-7		
Y	US 2 014 703 A (FEDDERS MANUFACTURING COMPANY) 17 September 1935 (1935-09-17) * figures 6,7 * * column 3, line 10 - line 45 * ---	5-7		
X	DE 926 190 C (J. STONE & COMPANY) 7 April 1955 (1955-04-07) * the whole document * ---	1-4		
X	US 4 459 826 A (HIRANO YOSHIMI ET AL) 17 July 1984 (1984-07-17) * figures 1-5 * ---	1-4		
X	EP 0 516 447 A (THERMO KING CORP) 2 December 1992 (1992-12-02) * the whole document * ---	1		
X	US 2 560 453 A (DOLE REFRIGERATING COMPANY) 10 July 1951 (1951-07-10) * the whole document * ---	1		TECHNICAL FIELDS SEARCHED (Int.Cl.6)
X	FR 2 284 839 A (VITCO PATENS AG) 9 April 1976 (1976-04-09) * the whole document * ---	1		F25D F28D F25B F28F
A	US 1 706 891 A (KULAIR CORPORATION) 26 March 1929 (1929-03-26) * figure 4 * * column 3, line 8 - line 29 * -----	4-7		
The present search report has been drawn up for all claims				
Place of search THE HAGUE		Date of completion of the search 1 November 1999	Examiner Busuiocescu, B	
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		

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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The members are as contained in the European Patent Office EDP file on
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01-11-1999

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2405432	A	06-08-1946	NONE	
US 2014703	A	17-09-1935	NONE	
DE 926190	C		NONE	
US 4459826	A	17-07-1984	GB 2094459 A,B	15-09-1982
EP 0516447	A	02-12-1992	US 5172567 A	22-12-1992
			DE 69215963 D	30-01-1997
			DE 69215963 T	22-05-1997
US 2560453	A	10-07-1951	NONE	
FR 2284839	A	09-04-1976	IT 1021238 B	30-01-1978
			DE 2535947 A	18-03-1976
US 1706891	A	26-03-1929	NONE	