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(54) Refrigerant circuit for a refrigerator-freezer combination.

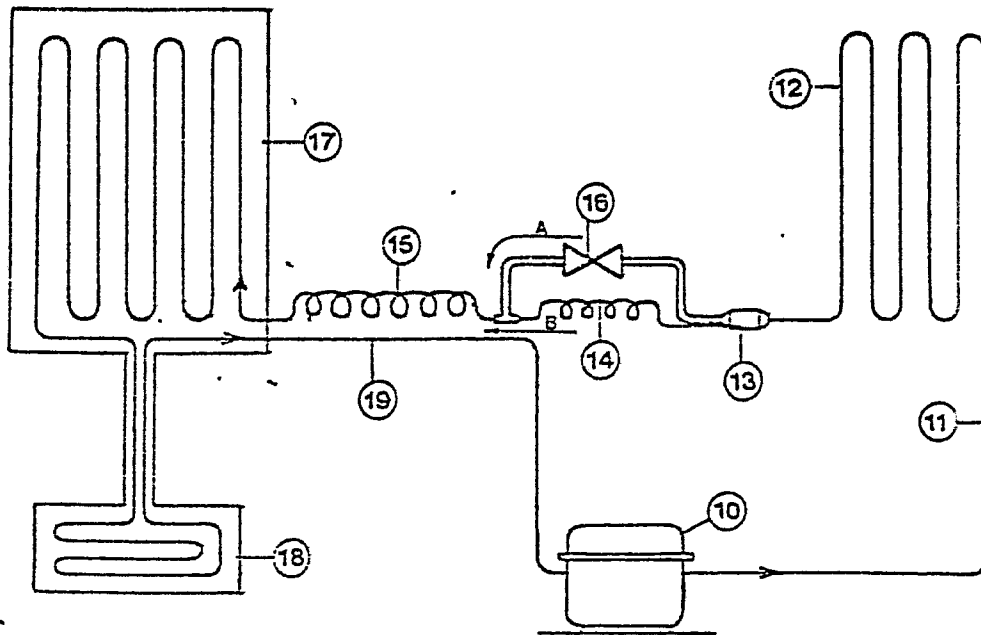
(57) A refrigerant circuit for a refrigerator-freezer combination comprises a single compressor, an evaporator each for a refrigerating compartment and a freezer compartment, a condenser and at least one capillary.

The invention provides the connection of the two evaporators (17, 18) in series, and the employ of two series-connected capillaries (14, 15) one of which is pybassed with the aid of a solenoid valve (16).

With respect to an electric control circuit, the invention provides that a thermostat (23) associated with the refrigerating compartment controls the solenoid valve (16) and a defroster resistor (22) of the refrigerating compartment, while a thermostat (21) associated with the freezer compartment is connected to the compressor (10) and to the thermostat (23) associated with the refrigerating compartment.

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FIG. 1





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EUROPEAN SEARCH REPORT

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EP 84 10 2693

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. 3)
X	US-A-2 133 964 (L.B.M. BUCHANAN) * Page 1, left-hand column, line 47 - page 3, right-hand column, line 34; figures 1-3 *	1	F 25 B 5/00 F 25 B 49/00
A	---	2	
A	US-A-2 687 020 (L.A. STAEBLER et al.) * Column 3, line 8 - column 8, line 13; figures 1,2 *	1	
A	---	2	
A	US-A-2 780 441 (H.C. RHODES) * column 1, line 57 - column 4, line 28; figures 1-3 *	2	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	---	2	F 25 B F 25 D
A	DE-A-2 035 207 (LINDE HAUSGERÄTE) * Page 4, paragraph 2 - page 7, last paragraph; figures 1-3 *	2	
A	---	2	
A	FR-A-2 247 684 (BOSCH-SIEMENS HAUSGERÄTE) * Page 4, line 15 - page 15, line 8; figures 1-6 *	2	
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The present search report has been drawn up for all claims			

Place of search

THE HAGUE

Date of completion of the search

21-02-1985

Examiner

BOETS

CATEGORY OF CITED DOCUMENTS

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	FR-A-2 347 634 (BOSCH-SIEMENS HAUSGERÄTE) * Page 3, line 19 - page 4, line 8; figure * ---	2	
A	US-A-2 667 757 (M.G. SHOEMAKER) ---		
A	FR-A-2 323 966 (BOSCH-SIEMENS HAUSGERÄTE) ---		
A	DE-A-2 359 481 (VEB DKK SCHARFEN-STEIN) ---		
A	FR-A-2 317 859 (BOSCH-SIEMENS HAUSGERÄTE) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
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