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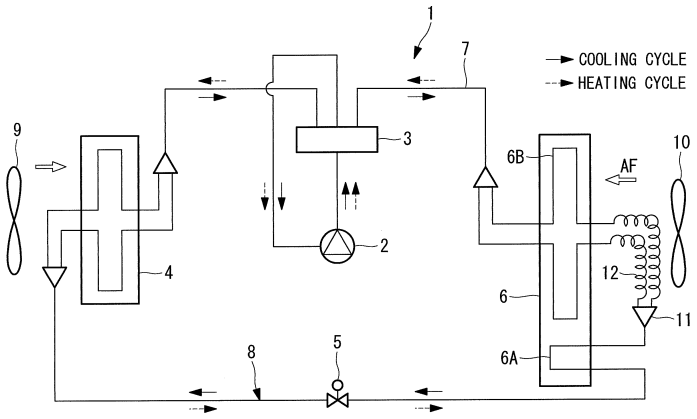
(54) Heat exchanger system

(57) To provide a heat exchanger system that can reliably suppress local frosting near an inlet of a heat-source side heat exchanger serving as an evaporator in a heat cycle, and perform a stable operation. The heat exchanger system includes a refrigeration cycle (8) including a compressor (2), a use side heat exchanger (4), an expansion valve (5), and a heat-source side heat exchanger (6), and in which a non-azeotropic refrigerant mixture having temperature glide is filled in the refrigeration cycle, wherein a part of a refrigerant circuit (6A), (6B) of the heat-source side heat exchanger (6) that serves as an evaporator in a heat cycle extends within the heat exchanger (6), a continuing part of the refrigerant circuit of the heat-source side heat exchanger extends out of the heat exchanger (6) and then connects to a plurality of circuits (6B) via a distribution capillary tube (12), and the refrigerant is circulated in the heat exchanger.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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