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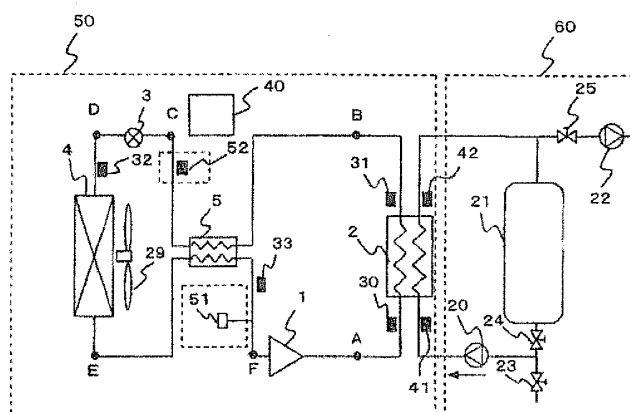
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(54) **Refrigeration cycle apparatus**

(57) A refrigerant cycle apparatus comprising:
a compressor (1), a radiator (2), decompression means (3), a heat absorber (4), an internal heat exchanger (5) that performs heat exchange between a refrigerant at an outlet of said radiator and the refrigerant at an outlet of said heat absorber, wherein
first temperature detection means (30) for detecting a refrigerant temperature between an outlet of the compressor (1) and an inlet of the radiator (2) and second temperature detection means (31) for detecting the re-

frigerant temperature between the outlet of the radiator (2) and a high-pressure side inlet of the internal heat exchanger (5) are provided, and
an opening degree of decompression means (3) is controlled so that a temperature difference (ΔT) between a detection temperature by the first temperature detection means (30) and
the detection temperature by the second temperature detection means (31) becomes a target value.

FIG. 1





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Place of search		Date of completion of the search	Examiner
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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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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