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(54) Heat pump

(57) Disclosed is a heat pump including: a refrigeration cycle unit 1 that includes a compressor 10 for compressing a coolant, a first heat exchanger 14 for condensing the coolant compressed in the compressor, an expansion mechanism 16 for expanding the coolant condensed in the first heat exchanger, and a second heat exchanger 18 for evaporating the coolant expanded in the expansion mechanism 16; and a booster module 2 that is connected to the refrigeration cycle unit 1, wherein the booster module 2 separates a gaseous coolant from the coolant flowing from the first heat exchanger 14 to the expansion mechanism 16, compresses the separated gaseous coolant, and then has the compressed gaseous coolant flow between the compressor 10 and the first heat exchanger 14.

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EUROPEAN SEARCH REPORT

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Place of search	Date of completion of the search	Examiner
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X : particularly relevant if taken alone
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