

Title (en)
HEAT PUMP SYSTEM

Title (de)
WÄRMEPUMPENSYSTEM

Title (fr)
SYSTÈME DE POMPE À CHALEUR

Publication
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Application
EP 19785252 A 20190405

Priority
• JP 2018077903 A 20180413
• JP 2019015135 W 20190405

Abstract (en)
A decrease in the heating capacity for a fluid to be heated in a radiator is prevented by thermal conduction via a joint portion between an economizer and the radiator in an integral heat exchanger. A heat pump system (1) includes a refrigerant circuit (10) constituted by connecting a compressor (11), a radiator (12), an expansion mechanism (13), an evaporator (14), and an economizer (22). In this case, the economizer (22) constitutes an integral heat exchanger (20) in which the economizer (22) and the radiator (12) are integrated with each other. Moreover, the integral heat exchanger (20) includes a heat insulating part (44) between the economizer (22) and the radiator (12).

IPC 8 full level
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