

Title (en)
HEAT PUMP SYSTEM

Title (de)
WÄRMEPUMPENSYSTEM

Title (fr)
SYSTÈME DE POMPE À CHALEUR

Publication
EP 3457050 A4 20190522 (EN)

Application
EP 16901624 A 20160510

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Abstract (en)
[origin: EP3457050A1] A heat pump system of the present invention includes: a low temperature heating side refrigerant circuit; a high temperature heating side refrigerant circuit; a first pipe to connect a low temperature side liquid supply port, a low temperature heating side condenser, and a high temperature heating side evaporator in this order, thereby to circulate liquid; a second pipe configured to connect a high temperature side liquid supply port and a high temperature heating side condenser in this order, thereby to circulate the liquid; a pump provided in the first pipe and configured to feed the liquid heated in the low temperature heating side condenser to the high temperature heating side evaporator; a control valve provided in the first pipe between the low temperature heating side condenser and the high temperature heating side evaporator and configured to control a flow rate of the liquid circulated inside the first pipe; and a control unit configured to control at least one of the pump and the control valve, and control a flow rate of the liquid fed from the low temperature heating side condenser to the high temperature heating side evaporator.

IPC 8 full level
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Citation (search report)

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- See references of WO 2017195275A1

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