

Title (en)
AIR CONDITIONING SYSTEM AND CONTROL METHOD FOR SAME

Title (de)
KLIMAANLAGENSYSYSTEM UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
SYSTÈME DE CONDITIONNEMENT D'AIR ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication
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Application
EP 16776529 A 20160405

Priority

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- JP 2016061141 W 20160405

Abstract (en)
[origin: EP3282211A1] An air conditioning system and a control method of the same, wherein the air conditioning system can provide a sufficiently dehumidified and heated fluid to a room in an energy conserving way and furthermore has a hot water supply function. The air conditioning system of this invention includes an outdoor unit, an indoor dehumidification and heating unit, and a refrigerant-water heat exchange unit that are coupled to each other via a first coupling pipe, a second coupling pipe, and a third coupling pipe; one end of the third coupling pipe is coupled to a discharge pipe coupled to a discharge side of a compressor; a second indoor-side pipe is provided in the indoor dehumidification and heating unit; a second indoor-side refrigerating regulating device and a second heat exchanger are provided in the second indoor-side pipe; another end of the third coupling pipe is coupled to another end of the second indoor-side pipe; a refrigerant pipe, a water circuit, and a refrigerant-water heat exchanger are provided in the refrigerant-water heat exchange unit; and one end of the refrigerant pipe is coupled to the first coupling pipe and another end of the refrigerant pipe is coupled to the third coupling pipe.

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Citation (search report)

- [XYI] EP 2423612 A2 20120229 - HITACHI APPLIANCES INC [JP]
- [Y] WO 2012085965 A1 20120628 - HITACHI APPLIANCES INC [JP], et al
- See references of WO 2016163363A1

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