

Title (en)
AIR-CONDITIONING APPARATUS AND METHOD FOR CONTROLLING SAME

Title (de)
KLIMAANLAGENVORRICHTUNG SOWIE STEUERVERFAHREN DAFÜR

Title (fr)
APPAREIL DE CLIMATISATION ET SON PROCÉDÉ DE COMMANDE

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Application
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Abstract (en)
[origin: EP2801765A1] The present invention relates to an air-conditioning apparatus which is capable of performing a cooling operation in a stable manner in an environment having a low outside temperature. The air-conditioning apparatus according to the present invention comprises: a housing including an inlet, a bypass inlet, and an outlet; a fan configured to introduce air into the housing and discharge the air from the housing; a heat-exchange flow path disposed between the inlet and the outlet; a heat exchanger disposed at the heat exchange flow path; and a bypass flow path disposed between the bypass inlet and the outlet.

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Citation (search report)
• [XAI] JP 2009222345 A 20091001 - NIPPON SPINDLE MFG CO LTD
• [X] JP 2007247936 A 20070927 - NIPPON SPINDLE MFG CO LTD
• [X] JP 2002005547 A 20020109 - KUBOTA KK
• See references of WO 2013089484A1

Cited by
EP3388750A1; EP3150929A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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