

Title (en)
AIR CONDITIONER AND METHOD FOR OPERATING SAME

Title (de)
KLIMAANLAGE UND BETRIEBSVERFAHREN DAFÜR

Title (fr)
CLIMATISEUR ET PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication
EP 2431677 A4 20160427 (EN)

Application
EP 10775076 A 20100507

Priority
• KR 2010002937 W 20100507
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Abstract (en)
[origin: EP2431677A2] An air conditioner according to the present comprises a plurality of chillers which include a compressor, a condenser, a expansion device and an evaporator and supply cold water through water pipes connected to the evaporator in parallel. An operating chiller of the plurality of chillers sets a cold water set temperature of the operating chiller according to pressure difference between high pressure part and low pressure part and controls the compressor capacity according to the cold water set temperature and transmits an operation order to a chiller not operating until the present if the pressure difference is more than the set pressure for the set time and at least one of the chillers is not operating. Thus, it is possible to perform an efficient operation according to load and to minimized power consumption.

IPC 8 full level
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Citation (search report)
• [XAI] JP H0849928 A 19960220 - DAIKIN IND LTD
• [A] JP H10318587 A 19981204 - MITSUBISHI ELECTRIC CORP
• [XAI] US 4483152 A 19841120 - BITONDO JAMES M [US]
• See references of WO 2010131874A2

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EP3370005A4

Designated contracting state (EPC)
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 SE SI SK SM TR

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