

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CLIMATISEUR

Publication  
**EP 1431677 B1 20110629 (EN)**

Application  
**EP 02768028 A 20020924**

Priority  
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Abstract (en)  
[origin: EP1431677A1] The present invention has an object of suitably controlling both the room temperature and relative humidity during cooling operation of an air conditioner to improve the comfort of people in the room. To attain this object, a controller (80) of the air conditioner (10) is provided with a target value setting section (81) and a capacity control section (82). The target value setting section (81) sets a target evaporation temperature as a target control value during cooling operation. At the time, the target value setting section (81) selects the upper limit of the target evaporation temperature from among possible values according to the detected value of a relative humidity sensor (78). During cooling operation, the capacity control section (82) controls the capacity of a compressor (30) so that the detected value of an indoor heat exchanger temperature sensor (76) reaches the target evaporation temperature. <IMAGE>

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Cited by  
CN105352142A; US10281184B2

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