

Title (en)  
AIR CONDITIONER WITH HUMIDIFYING FUNCTION

Title (de)  
KLIMAANLAGE MIT LUFTBEFEUCHTUNG

Title (fr)  
CLIMATISEUR AVEC FONCTION D'HUMIDIFICATION

Publication  
**EP 1116922 A4 20030416 (EN)**

Application  
**EP 00944343 A 20000710**

Priority  
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• JP 21208999 A 19990727

Abstract (en)  
[origin: EP1116922A1] A humidifier (2) for adsorbing moisture of outside air to an adsorbent and desorbing the moisture from the adsorbent and then supplying the moisture to an indoor unit (1) is disposed on top of the outdoor unit (1). In the humidifier (2), a humidifying rotor (5) serving as the adsorbent is so disposed that a shaft (6) thereof is generally vertical, by which the humidifier (2) is made low in height. Humidified-air transportation piping (4) for transporting humidified air from the humidifier (2) to an indoor unit (3) extends from the humidifier (2) downward along a side face (1a) of the outdoor unit (1), and further extends upward from a lower part of the side face (1a) of the outdoor unit (1) so as to be connected to the indoor unit (3). As a result, there can be provided an air conditioner having humidifying function which allows the humidifier to be installed without enlarging the floor space of the outdoor unit and which allows a trap for treating water in the humidified-air transportation piping to be easily installed.  
<IMAGE>

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IPC 8 full level  
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Citation (search report)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11 29 November 1996 (1996-11-29)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28)  
• See references of WO 0107838A1

Cited by  
EP1598600A3; EP1679476A1; CN100425920C; WO03048650A1

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