

Title (en)  
HUMIDIFIER AND AIR CONDITIONER USING THE HUMIDIFIER

Title (de)  
LUFTBEFEUCHTER UND DIESEN LUFTBEFEUCHTER VERWENDENDE KLIMAANLAGE

Title (fr)  
HUMIDIFICATEUR ET CONDITIONNEUR D'AIR UTILISANT CET HUMIDIFICATEUR

Publication  
**EP 1319905 A4 20051214 (EN)**

Application  
**EP 01967718 A 20010918**

Priority  
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Abstract (en)  
[origin: EP1319905A1] In a humidifier and an air conditioner using the humidifier, when a temperature of outside air detected by an outside air temperature sensor (24) is higher than an indoor temperature detected by an indoor temperature sensor (22) and when a humidity of the outside air is 90% or less so that the inside of the humidifying hose 4 can be dried, a drying operation is conducted. On the other hand, when a humidity of the outside air detected by an outside air humidity sensor (23) is higher than 90%, the drying operation is not conducted because the inside of the humidifying hose (4) cannot be sufficiently dried even though the outside air is blown thereinto, namely, the drying efficiency is low. When the humidity of the outside air detected by the outside air humidity sensor (23) is 60% or more not allowing the inside of the humidifying hose (4) to be dried efficiently, the outside air to be blown into the humidifying hose 4 is heated with a heater (17). Thus, moisture condensation inside the humidifying hose (4) is prevented from occurring even when a humidifying operation is not conducted. <IMAGE>

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IPC 8 full level  
**F24F 3/14** (2006.01); **F24F 6/00** (2006.01); **F24F 11/00** (2006.01)

CPC (source: EP KR US)  
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• [YA] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 267 (M - 516) 11 September 1986 (1986-09-11)  
• [PA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)  
• See references of WO 0225183A1

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