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

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Application

EP 01967718 A 20010918

Priority

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Abstract (en)

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>

IPC 1-7 (main, further and additional classification)

F24F 11/02; F24F 6/00

IPC 8 full level (invention and additional information)

F24F 3/14 (2006.01); **F24F 6/00** (2006.01); **F24F 11/00** (2006.01)

CPC (invention and additional information)

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