Title (en)

AIR SUPPLY METHOD OF VERTICAL AIR CONDITIONER

Title (de)

LUFTZUFUHRVERFAHREN EINER VERTIKALEN KLIMAANLAGE

Title (fr)

PROCÉDÉ D'ALIMENTATION EN AIR DE CLIMATISEUR VERTICAL

Publication

EP 2988072 A1 20160224 (EN)

Application

EP 14785039 A 20140314

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Abstract (en)

A vertical air-conditioner air supply method is provided. According to the method, an air-conditioner air supply apparatus is disposed in an internal air duct of an air-conditioner body, the vertical air-conditioner sends heat-exchanged air in the internal air duct that has been subjected to heat exchange by a heat exchanger from a heat-exchanged air duct to a through-duct, and sucks non-heat-exchanged air outside the vertical air-conditioner from a non-heat-exchanged air inlet to the through-duct, and the heat-exchanged air and the non-heat-exchanged air form mixed air and are then blown out together from a mixed air outlet through the through-duct, where a flow rate of the non-heat-exchanged air is 0.05 to 0.5 times of a flow rate of the heat-exchanged air. The heat-exchanged air inside the air-conditioner and the non-heat-exchanged air outside the air-conditioner are mixed according to a certain ratio to form the mixed air to be blown out together, so that the air intake rate of the air-conditioner can be increased, indoor air circulation can be accelerated, and the air-conditioner is enabled to supply milder air, thereby making the user feel more comfortable and improving the user experience.

IPC 8 full level

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