

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.

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