

Title (en)  
DISHWASHER AIR CURTAIN DEVICE, AND DISHWASHER

Title (de)  
LUFTVORHANGVORRICHTUNG FÜR GESCHIRRSPÜLMASCHINE UND GESCHIRRSPÜLMASCHINE

Title (fr)  
DISPOSITIF DE RIDEAU D'AIR POUR LAVE-VAISSELLE, ET LAVE-VAISSELLE

Publication  
**EP 4360529 A1 20240501 (EN)**

Application  
**EP 22827131 A 20220411**

Priority  
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Abstract (en)  
An air curtain device for a dishwasher and a dishwasher are provided. The air curtain device includes an air curtain assembly (1) and a fan (2), the air curtain assembly (1) is provided with an air inlet (12) and an air outlet (11), and an air path is formed in the air curtain assembly (1) for guiding the wind from the air inlet (12) to the air outlet (11). The fan (2) is configured to supply the wind into the air curtain assembly (1) through the air inlet (12). The air curtain assembly includes a first shell (13) and a second shell (14), a chamber (141) is formed on the first shell (13) and/or the second shell (14) by recessing in a direction away from the other shell, and the chamber (141) is extended toward the air outlet (11) to form an air path. The air curtain assembly (1) is provided with an installation portion (142) for installing the fan (2), and the installation portion (142) is extended to the side of the air curtain assembly (1) with the installation port and communicated with the outside of the air curtain assembly (1) through the installation port. The fan (2) is detachably installed in the air curtain assembly (1) through the bracket (3). The air curtain device is installed the space between an upper wall of the inner container and an upper wall of a housing of the dishwasher, so the air curtain assembly can be placed in a narrow space of the dishwasher, and it is avoided that the air curtain device occupies the space inside the dishwasher to affect the volume of the dishwasher.

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