

Title (en)  
REAR COVER APPARATUS AND CLOTHING TREATMENT DEVICE

Title (de)  
HINTERE ABDECKUNGSVORRICHTUNG UND KLEIDUNGSBEHANDLUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE COUVERCLE ARRIÈRE ET DISPOSITIF DE TRAITEMENT DE VÊTEMENTS

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Application  
**EP 21936734 A 20211012**

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Abstract (en)  
A rear cover apparatus and a clothing treatment device. The rear cover apparatus (7) comprises an inner cover (71) and an outer cover (72). An airflow channel (71a) is formed in the inner cover (71); the inner cover (71) comprises a first side plate (711) and a plurality of protrusions (713) protruding out of a surface of the first side plate (711); and the airflow channel (71a) and the protrusions (713) are located on two opposite sides of the first side plate (711). The outer cover is arranged on the side of the inner cover (71) away from the airflow channel (71a); a silencing cavity (7a) is defined by the outer cover (72) and the inner cover (71); the protrusions (713) are located in the silencing cavity (7a); the inner cover (71) is provided with sound absorption holes (71b) enabling the airflow channel (71a) to be in communication with the silencing cavity (7a); and at least some of the sound absorption holes (71b) penetrate the first side plate (711) and the protrusions (713). In the rear cover apparatus (7), the first side plate (711) serves as a perforated thin plate, air in the sound absorption holes (71b) generates friction with the hole wall due to resonance, such that sound energy is lost, and noise radiated by the rear cover apparatus (7) is reduced; and the protrusions (713) can increase the thickness of air columns in the sound absorption holes (71b), that is, flow paths of an airflow in the sound absorption holes (71b) are increased, such that the effect of sound absorption of low-frequency component noise is improved.

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