

Title (en)

AIR-CONDITIONER AIR SUPPLY APPARATUS WITH AIRFLOW DISTRIBUTION ASSEMBLY

Title (de)

LUFTZUFUHRVORRICHTUNG FÜR EINE KLIMAAANLAGE MIT EINER LUFTSTROM-VERTEILUNGSANORDNUNG

Title (fr)

APPAREIL D'ALIMENTATION EN AIR DE CLIMATISEUR À ENSEMBLE DE DISTRIBUTION D'ÉCOULEMENT D'AIR

Publication

EP 3006852 A4 20170315 (EN)

Application

EP 14808155 A 20140523

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Abstract (en)

[origin: EP3006852A1] An air-conditioner air supply apparatus (1) provided with an airflow distribution assembly is disclosed. The air supply apparatus (1) includes at least two annular air guiding bodies that are hollow and have front and rear openings. Each annular air guiding body is a single component. The rear opening of the annular air guiding body is an air inlet, and the front opening of the annular air guiding body is an air outlet. A plurality of annular air guiding bodies is arranged sequentially from front to rear, a through-duct which runs from front to end is formed in the middle, and an annular heat-exchanged air duct (14, 15) is formed between two adjacent annular air guiding bodies. An airflow distribution assembly (16) for distributing heat-exchanged air that enters the heat-exchanged air ducts (14, 15) from a heat exchanger (5) of an air-conditioner that has the air-conditioner air supply apparatus is disposed in at least one of the annular heat-exchanged air ducts (14, 15).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XA] CN 202692257 U 20130123 - LG ELECTRONICS INC
- [XA] KR 101203540 B1 20121121
- [A] JP H06272949 A 19940927 - KAJIMA CORP
- See references of WO 2014194765A1

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