

Title (en)
AIR CONDITIONER

Title (de)
KLIMAAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3315785 B1 20210804 (EN)

Application
EP 17196206 A 20171012

Priority
KR 20160137929 A 20161021

Abstract (en)
[origin: EP3315785A1] Disclosed herein is an air conditioner equipped with a stabilizer having an improved structure to reduce air-blowing noise. The air conditioner includes a main body having a suction port and a discharge port; a heat exchanger provided in the main body. A crossflow fan is configured to discharge air heat-exchanged by the heat exchanger to the discharge port. A stabilizer is located adjacent to the crossflow fan and comprises a guide section having a first guide portion configured to guide airflow flowing in the main body by the crossflow fan to a suction region and a second guide portion configured to guide the airflow to a discharge region. A flow separation section is connected to the guide section, wherein a location of the flow separating section varies in an axial direction of the crossflow fan and in a rotational direction of the crossflow fan.

IPC 8 full level
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EP 3315785 A1 20180502; **EP 3315785 B1 20210804**; CN 107975868 A 20180501; KR 20180044165 A 20180502; US 2018112888 A1 20180426

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