

Title (en)
OUTDOOR UNIT OF AIR CONDITIONER

Title (de)
AUSSENEINHEIT EINER KLIMAAANLAGE

Title (fr)
UNITÉ EXTÉRIEURE DE CLIMATISEUR

Publication
EP 4023948 A1 20220706 (EN)

Application
EP 20906407 A 20201130

Priority
• CN 201911369821 A 20191226
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Abstract (en)
The present application provides an outdoor unit of an air conditioner, comprising: a motor, the motor being provided with a first output shaft and a second output shaft; a first stage of fan blade, the first stage of fan blade being connected to the first output shaft; and a second stage of fan blade, the second stage of fan blade being connected to the second output shaft; the motor is configured to be adapted to drive the first stage of fan blade and the second stage of fan blade to rotate, and the rotating direction of the first stage of fan blade is opposite to that of the second stage of fan blade; the motor is located in the middle of the first stage of fan blade and the second stage of fan blade; or the motor is located on the same side of the first stage of fan blade and the second stage of fan blade. According to the outdoor unit provided in the present application, by means of the arrangement of the motor, the first stage of fan blade and the second stage of fan blade, the motor drives, by means of the first output shaft, the first stage of fan blade to rotate, and drives, by means of the second output shaft, the second stage of fan blade to rotate in an opposite direction, achieving higher wind pressure by recovering rotational energy of an airflow.

IPC 8 full level
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