

Title (en)
PANEL STRUCTURE OF AIR CONDITIONER, AND AIR CONDITIONER

Title (de)
PLATTENSTRUKTUR EINER KLIMAAANLAGE SOWIE KLIMAAANLAGE

Title (fr)
STRUCTURE DE PANNEAU DE CLIMATISEUR, ET CLIMATISEUR

Publication
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Application
EP 18926976 A 20181224

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Abstract (en)
[origin: EP3764019A1] A panel structure of an air conditioner, and an air conditioner, relating to the technical field of air conditioners, and solving the problem that for an existing air conditioner, the speed of air from external air deflector micropores is great so that the user experience is poor. The panel structure of an air conditioner comprises: an air deflector (1), and multiple vertical swinging leaf assemblies (2) arranged in parallel along a panel body of the panel structure in an upper-and-lower manner; the air deflector (1) is provided with a first micropore structure (11) passing through the air deflector (1) along the thickness direction thereof, and swings up and down under the drive of an air deflector motor; each vertical swinging leaf assembly (2) comprises a swinging rod (21) and one or more vertical swinging leaves (22) having a bionic leaf structure; the vertical swinging leaf (22) is provided on the swinging rod (21); under the drive of a swinging rod driving motor, the swinging rod (21) drives the vertical swinging leaf (22) to swing left and right; the vertical swinging leaf (22) is provided with a second micropore structure (221) passing through the vertical swinging leaf (22) along the thickness direction thereof.

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Citation (search report)
• [Y] CN 207081084 U 20180309 - QINGDAO HAIER AIR CONDITIONER
• [Y] CN 103363644 B 20160120
• [Y] CN 204555242 U 20150812 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD, et al
• [A] CN 108061369 A 20180522 - TCL AIR CONDITIONER ZHONGSHAN
• [A] CN 207146545 U 20180327 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD
• See references of WO 2020015308A1

Designated contracting state (EPC)
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