

Title (en)  
RADIAL VENTILATOR

Title (de)  
RADIALVENTILATOR

Title (fr)  
VENTILATEUR RADIAL

Publication  
**EP 3824188 A1 20210526 (DE)**

Application  
**EP 19725309 A 20190514**

Priority  
• DE 102018129613 A 20181123  
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• EP 2019062392 W 20190514

Abstract (en)  
[origin: CN210565190U] The utility model relates to a radial flow type ventilator (1). The air conditioner comprises a base part (2), a shell part (4) which is arranged on the base part (2) and provided with an air outlet, a motor electronic part (98) and an inner rotor motor. The inner rotor motor drives a ventilator impeller (3) through a transmission shaft (7); wherein the motor electronics (98) and the stator (32) of the motor are encapsulated in the base part (2) by means of an encapsulation (17), wherein the radial fan (1) has a pressure chamber (D) which is enlarged in a helical manner about the fan wheel (3) and which is formed and defined by the housing part (4) and the enclosure (17). The radial-flow type ventilator has a compact structure comprising a small number of components, and has high efficiency while the noise effect is improved.

IPC 8 full level  
**F04D 25/06** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP KR US)  
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See references of WO 2020104074A1

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