

Title (en)  
BLOWER DEVICE, AND OUTDOOR UNIT FOR AIR CONDITIONER

Title (de)  
GEBLÄSEVORRICHTUNG UND AUSSENEINHEIT FÜR KLIMAAANLAGE

Title (fr)  
DISPOSITIF SOUFFLANT ET UNITÉ D'EXTÉRIEUR POUR CLIMATISEUR

Publication  
**EP 3792498 A1 20210317 (EN)**

Application  
**EP 18918171 A 20180507**

Priority  
JP 2018017631 W 20180507

Abstract (en)  
An air-sending device includes: a propeller fan including a shaft located on a rotational axis of the propeller fan and a blade located on a circumferential portion of the shaft; and a fan guard provided leeward of the propeller fan, and including a rib unit in which a plurality of openings are provided to allow air to pass through the openings. The fan guard includes a first region that is located in such a manner as to overlap with the shaft as viewed from a point in a direction parallel to the rotational axis, and a second region that is located outward of the shaft and inward of a rotational trajectory of the blade as viewed from a point in the direction parallel to the rotational axis. Where a dimension of the rib unit in a direction parallel to the rotational axis is a height of the rib unit, a height of part of the rib unit that is located in the first region is smaller than a height of part of the rib unit that is located in the second region.

IPC 8 full level  
**F04D 29/00** (2006.01); **F24F 1/56** (2011.01)

CPC (source: EP)  
**F04D 19/002** (2013.01); **F04D 25/08** (2013.01); **F04D 29/667** (2013.01); **F04D 29/703** (2013.01); **F24F 1/56** (2013.01)

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