

Title (en)

BLOWER DEVICE, AND OUTDOOR UNIT FOR AIR CONDITIONER

Title (de)

GEBLÄSEVORRICHTUNG UND AUSSENEINHEIT FÜR KLIMAANLAGE

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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Designated extension state (EPC)

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