

Title (en)
CENTRIFUGAL BLOWER AND AIR CONDITIONER PROVIDED WITH SAME

Title (de)
ZENTRIFUGALGEBLÄSE UND KLIMAAANLAGE DAMIT

Title (fr)
VENTILATEUR CENTRIFUGE ET CLIMATISEUR POURVU DE CELUI-CI

Publication
EP 4098885 A1 20221207 (EN)

Application
EP 20916541 A 20200130

Priority
JP 2020003435 W 20200130

Abstract (en)
A centrifugal fan includes a backing plate to be driven to rotate, an annular rim facing the backing plate, and a plurality of blades disposed between the backing plate and the rim. Each of the plurality of blades has a trailing edge positioned on a positive side in an anti-rotational direction relative to a leading edge. The trailing edge includes a first trailing edge junction being a junction with the backing plate, and a second trailing edge junction being a junction with the rim. The second trailing edge junction is positioned on a positive side in the anti-rotational direction relative to the first trailing edge junction. The first trailing edge junction and the second trailing edge junction include a trailing-edge straight portion parallel to a rotational axis of the backing plate.

IPC 8 full level
F04D 29/30 (2006.01)

CPC (source: EP)
F04D 29/281 (2013.01); **F04D 29/30** (2013.01); **F05D 2240/303** (2013.01); **F05D 2240/304** (2013.01)

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BA ME

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