

Title (en)
BLOWER AND AIR CONDITIONING APPARATUS HAVING THE SAME

Title (de)
GEBLÄSE UND KLIMAAANLAGE DAMIT

Title (fr)
SOUFFLANTE ET APPAREIL DE CLIMATISATION DOTÉ DE CELLE-CI

Publication
EP 3619436 B1 20240117 (EN)

Application
EP 18797937 A 20180511

Priority
• JP 2017096039 A 20170512
• KR 20180037531 A 20180330
• KR 2018005435 W 20180511

Abstract (en)
[origin: KR20180124714A] Provided are a blower with high efficiency and low noise and an air conditioner having the same. The blower of the air conditioner comprises: a fan having a hub and at least one wing disposed on an outer circumferential surface of the hub; a motor for rotating the hub; a shroud formed to cover around the fan; and at least one actuator installed in the shroud and forming airflow in the inner circumferential surface of the shroud.

IPC 8 full level
F04D 29/52 (2006.01); **F04D 29/16** (2006.01); **F04D 29/68** (2006.01); **F24F 1/38** (2011.01); **H05H 1/24** (2006.01)

CPC (source: EP KR US)
F04D 29/164 (2013.01 - EP); **F04D 29/384** (2013.01 - EP); **F04D 29/526** (2013.01 - EP); **F04D 29/563** (2013.01 - KR); **F04D 29/667** (2013.01 - KR); **F04D 29/687** (2013.01 - EP); **F24F 1/38** (2013.01 - KR); **H05H 1/2406** (2013.01 - EP KR US); **H05H 1/2425** (2021.05 - EP); **F05B 2240/30** (2013.01 - EP); **F05B 2260/96** (2013.01 - EP); **F05B 2270/20** (2013.01 - EP); **F05D 2240/307** (2013.01 - EP); **F05D 2270/172** (2013.01 - EP); **F15D 1/0075** (2013.01 - EP)

Cited by
CN115443382A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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