

Title (en)
AXIAL FLOW BLADE, AND BLOWER

Title (de)
AXIALSTROMSCHAUFEL UND GEBLÄSE

Title (fr)
PALE À ÉCOULEMENT AXIAL ET SOUFFLANTE

Publication
EP 3779207 A4 20210407 (EN)

Application
EP 18912353 A 20180329

Priority
JP 2018013288 W 20180329

Abstract (en)
[origin: EP3779207A1] An axial flow blade (200) includes a boss (202) through which a shaft (101) of an electric motor (100) extends, the electric motor (100) rotating the shaft (101) about a rotational axis, a hub (205) having a cylindrical shape opened on a side closer to the electric motor (100), the hub (205) being coaxial with the boss (202) and surrounding a periphery of the boss (202), and a partition plate (400) installed in the hub (205) to partition a space in the hub (205) into two or more spaces.

IPC 8 full level
F04D 29/32 (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP KR)
F04D 25/06 (2013.01 - KR); **F04D 25/08** (2013.01 - KR); **F04D 29/325** (2013.01 - EP KR); **F04D 29/329** (2013.01 - EP); **F04D 29/661** (2013.01 - EP KR); **F04D 29/665** (2013.01 - EP); **F05D 2210/12** (2013.01 - KR); **F05D 2240/20** (2013.01 - KR); **F05D 2260/963** (2013.01 - EP)

Citation (search report)

- [XY] JP S5530963 U 19800228
- [XA] GB 2449688 A 20081203 - GREENWOOD AIR MAN LTD [GB]
- [XA] EP 2381112 A2 20111026 - BEHR GMBH & CO KG [DE]
- [YA] JP H04259696 A 19920916 - TOSHIBA CORP
- [YA] JP S54126107 U 19790903
- [YA] JP 2006307666 A 20061109 - NISSAN MOTOR
- [YA] JP H04265500 A 19920921 - MATSUSHITA ELECTRIC IND CO LTD
- [A] JP 2016008583 A 20160118 - PANASONIC IP MAN CORP
- See references of WO 2019186910A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3779207 A1 20210217; EP 3779207 A4 20210407; EP 3779207 B1 20230726; CN 111919034 A 20201110; JP 6942242 B2 20210929; JP WO2019186910 A1 20201203; KR 102405401 B1 20220603; KR 20200123215 A 20201028; WO 2019186910 A1 20191003

DOCDB simple family (application)
EP 18912353 A 20180329; CN 201880091429 A 20180329; JP 2018013288 W 20180329; JP 2020508715 A 20180329; KR 20207027295 A 20180329