

Title (en)

VENTILATOR AND DEFLECTOR PLATE FOR A VENTILATOR

Title (de)

VENTILATOR UND LEITEINRICHTUNG FÜR EINEN VENTILATOR

Title (fr)

VENTILATEUR ET ÉQUIPEMENT CONDUCTEUR POUR UN VENTILATEUR

Publication

EP 3824190 B1 20240828 (DE)

Application

EP 19734240 A 20190528

Priority

- DE 102018211808 A 20180716
- DE 2019200048 W 20190528

Abstract (en)

[origin: WO2020015792A1] The invention relates to a ventilator, in particular an axial, radial or diagonal ventilator, having a ventilator impeller and a downstream guiding device connected downstream in the housing/flow channel, wherein the downstream guiding device comprises guiding vanes. The invention is characterized in that the guiding vanes extend only over one part of the flow region, when viewed spanwise and in the radial direction.

IPC 8 full level

F04D 29/42 (2006.01); **F04D 29/44** (2006.01); **F04D 29/54** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)

F04D 29/4226 (2013.01 - EP); **F04D 29/444** (2013.01 - EP); **F04D 29/522** (2013.01 - US); **F04D 29/542** (2013.01 - EP US); **F04D 29/661** (2013.01 - EP); **F04D 29/626** (2013.01 - EP); **F04D 29/646** (2013.01 - EP); **F05D 2250/52** (2013.01 - EP)

Citation (examination)

- US 2018106267 A1 20180419 - GEBERT DANIEL [DE], et al
- CN 107588046 A 20180116 - GREE ELECTRIC APPLIANCES INC ZHUHAI

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)

WO 2020015792 A1 20200123; BR 112020025518 A2 20210309; CN 112424480 A 20210226; DE 102018211808 A1 20200116; EP 3824190 A1 20210526; EP 3824190 B1 20240828; US 11359644 B2 20220614; US 2021262488 A1 20210826

DOCDB simple family (application)

DE 2019200048 W 20190528; BR 112020025518 A 20190528; CN 201980047503 A 20190528; DE 102018211808 A 20180716; EP 19734240 A 20190528; US 201917261506 A 20190528