

Title (en)

BLADE FOR A FAN, AND A FAN USING SUCH A BLADE

Title (de)

SCHAUFEL FÜR EINEN LÜFTER UND LÜFTER MIT SOLCH EINER SCHAUFEL

Title (fr)

PALE POUR VENTILATEUR ET VENTILATEUR UTILISANT UNE TELLE PALE

Publication

EP 4237691 A1 20230906 (EN)

Application

EP 21819345 A 20211029

Priority

- DK PA202070721 A 20201030
- DK PA202170311 A 20210618
- DK 2021050319 W 20211029

Abstract (en)

[origin: WO2022089705A1] The present invention disclose a blade (1) for use in a fan (2) as well as a fan (2) with such a blade (1), where said blade (1) has a profile which profile when travelling through air will impart motion to the air, and where said blade (1) has a front side surface (10) and a back side surface (12), said front side surface (10) and back side surface (12) arranged between a leading edge (14) and a trailing edge (16), where the leading edge (14) and the trailing edge (16) are arranged along a longitudinal axis (18), such that the blade (1) in a cross-section orthogonal to the longitudinal axis (18) has a cross-section and that integral inside said cross-section at least for a distance in the blade (1) along the longitudinal axis (18), is provided one or more UV light sources (20), where said UV light sources (20) are arranged to emit light away from said back side surface (12).

IPC 8 full level

F04D 25/08 (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)

F04D 25/088 (2013.01); **F04D 29/703** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022089705 A1 20220505; CA 3196982 A1 20220505; CN 116438380 A 20230714; EP 4237691 A1 20230906; EP 4237691 B1 20240410; EP 4237691 C0 20240410; MX 2023004952 A 20230721

DOCDB simple family (application)

DK 2021050319 W 20211029; CA 3196982 A 20211029; CN 202180074297 A 20211029; EP 21819345 A 20211029; MX 2023004952 A 20211029