

Title (en)

AXIAL FAN WITH AN INTEGRATED SILENCER

Title (de)

AXIALLÜFTER MIT INTEGRIERTEM SCHALLDÄMPFER

Title (fr)

VENTILATEUR AXIAL DOTÉ D'UN SILENCIEUX INTÉGRÉ

Publication

EP 4177478 A1 20230510 (EN)

Application

EP 21382993 A 20211103

Priority

EP 21382993 A 20211103

Abstract (en)

Axial fan (1) with an integrated silencer comprising a motor (2) mechanically connected to an impeller (3) and supported by a support base (4) inside a cylindrical housing (5). The axial fan (1) further comprises an inner lining made of a plurality of adjacent sections (6) having a noise absorbing material and fixed to the inner surface of the cylindrical housing (5).

IPC 8 full level

F04D 29/64 (2006.01)

CPC (source: EP)

F04D 19/002 (2013.01); **F04D 29/522** (2013.01); **F04D 29/646** (2013.01); **F04D 29/664** (2013.01); **F05D 2260/36** (2013.01)

Citation (search report)

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- [X] WO 2013053342 A1 20130418 - CFT GMBH [EC], et al
- [XI] US 2009220334 A1 20090903 - VOUCHE MICHEL [BE]
- [Y] JP S5380106 U 19780704
- [Y] JP 2020165355 A 20201008 - PANASONIC IP MAN CORP
- [I] DE 1428051 A1 19681128 - BAUER EUGEN

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)

EP 4177478 A1 20230510

DOCDB simple family (application)

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