

Title (en)

FAN MODULE AND ARRANGEMENT OF ONE OR MORE SUCH FAN MODULES IN A FLOW DUCT

Title (de)

VENTILATORMODUL SOWIE ANORDNUNG EINES ODER MEHRERER SOLCHER VENTILATORMODULE IN EINEM STRÖMUNGSKANAL

Title (fr)

MODULE DE VENTILATION AINSI QU'AGENCEMENT D'UN OU DE PLUSIEURS DESDITS MODULES DE VENTILATION DANS UN CANAL D'ÉCOULEMENT

Publication

EP 3559474 A1 20191030 (DE)

Application

EP 17828648 A 20171130

Priority

- DE 102016226157 A 20161223
- DE 2017200122 W 20171130

Abstract (en)

[origin: WO2018113855A1] The invention relates to a fan module comprising at least one fan (1), possibly a nozzle plate (5) and a suspension (10). Said fan module has a device on the pressure side to reduce or suppress a backflow and to even out the air flowing out, wherein the device is designed as a mechanical backflow blocker (6), which is arranged approximately centrally in the flow path and blocks part of the flow cross section. The invention further relates to an arrangement having one or more fan modules (24) in a flow duct.

IPC 8 full level

F04D 25/08 (2006.01); **F04D 17/16** (2006.01); **F04D 29/42** (2006.01); **F04D 29/44** (2006.01); **F04D 29/58** (2006.01); **F04D 29/62** (2006.01); **F04D 29/66** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP RU US)

F04D 17/165 (2013.01 - EP); **F04D 25/08** (2013.01 - EP RU); **F04D 29/4253** (2013.01 - EP); **F04D 29/44** (2013.01 - US); **F04D 29/441** (2013.01 - EP); **F04D 29/626** (2013.01 - EP); **F04D 29/667** (2013.01 - EP); **F24F 7/065** (2013.01 - US); **F24F 11/0001** (2013.01 - US); **F04D 17/08** (2013.01 - US); **F04D 25/06** (2013.01 - US); **F04D 29/5826** (2013.01 - EP); **F04D 29/664** (2013.01 - EP); **F04D 29/703** (2013.01 - EP); **F05D 2230/51** (2013.01 - EP); **F05D 2230/54** (2013.01 - EP); **F24F 2013/242** (2013.01 - US)

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 2018113855 A1 20180628; BR 112019011516 A2 20191105; CN 110100102 A 20190806; CN 110100102 B 20220222; DE 102016226157 A1 20180628; EP 3559474 A1 20191030; JP 2020502420 A 20200123; JP 2022169730 A 20221109; JP 7496859 B2 20240607; RU 2019123026 A 20210125; RU 2019123026 A3 20210330; RU 2753104 C2 20210811; US 11371730 B2 20220628; US 2019353364 A1 20191121

DOCDB simple family (application)

DE 2017200122 W 20171130; BR 112019011516 A 20171130; CN 201780079276 A 20171130; DE 102016226157 A 20161223; EP 17828648 A 20171130; JP 2019533008 A 20171130; JP 2022135684 A 20220829; RU 2019123026 A 20171130; US 201716473228 A 20171130