

Title (en)
MOTOR FOR A VENTILATION DEVICE OF A HEATING, VENTILATION AND/OR AIR CONDITIONING SYSTEM OF A MOTOR VEHICLE WITH A ROTOR AND STATOR DECOUPLED FROM A MOUNTING BASE

Title (de)
MOTOR FÜR EINE BELÜFTUNGSVORRICHTUNG EINER HEIZUNGS-, LÜFTUNGS- UND/ODER KLIMAAANLAGE EINES KRAFTFAHRZEUGS MIT EINEM VON EINEM MONTAGESOCKEL ENTKOPPELTEN ROTOR UND STATOR

Title (fr)
MOTEUR POUR DISPOSITIF DE VENTILATION D'UNE INSTALLATION DE CHAUFFAGE, VENTILATION ET/OU CLIMATISATION DE VEHICULE AUTOMOBILE A ROTOR ET STATOR DECOUPLES D'UNE EMBASE DE MONTAGE

Publication
EP 4078782 A1 20221026 (FR)

Application
EP 20841982 A 20201207

Priority
• FR 1914818 A 20191219
• FR 2020052293 W 20201207

Abstract (en)
[origin: WO2021123547A1] Disclosed is a motor (14) for a ventilation device (10) of a heating, ventilation and/or air conditioning system of a motor vehicle, comprising a base (34) for mounting the motor (14) on a support (16); a stator (22); a rotor (20) comprising a shaft (30); at least one bearing (74; 80) around the shaft (30) of the rotor (20); and a decoupling ring (58). The decoupling ring (58) comprises an outer part (60) secured to the mounting base (34), an inner part (62) secured to the stator (22) and forming a recess (72; 76) for receiving the bearing (74; 80) around the shaft (30) of the rotor (20), and elastomer material (64) between the inner part (62) and the outer part (60).

IPC 8 full level
H02K 5/16 (2006.01); **F04D 25/06** (2006.01); **F04D 29/66** (2006.01); **H02K 5/24** (2006.01)

CPC (source: EP US)
F04D 25/0606 (2013.01 - EP US); **F04D 29/668** (2013.01 - EP US); **H02K 1/187** (2013.01 - US); **H02K 5/16** (2013.01 - EP); **H02K 5/24** (2013.01 - EP US)

Citation (search report)
See references of WO 2021123547A1

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)
FR 3105646 A1 20210625; **FR 3105646 B1 20230609**; CN 114982101 A 20220830; EP 4078782 A1 20221026; US 2023036988 A1 20230202; WO 2021123547 A1 20210624

DOCDB simple family (application)
FR 1914818 A 20191219; CN 202080093758 A 20201207; EP 20841982 A 20201207; FR 2020052293 W 20201207; US 202017786877 A 20201207