

Title (en)
FAN, HUMIDIFIER AND AIR CONDITIONING SYSTEM

Title (de)
GEBLÄSE, BEFEUCHTER UND KLIMATISIERUNGSSYSTEM

Title (fr)
VENTILATEUR, HUMIDIFICATEUR ET SYSTÈME DE CLIMATISATION

Publication
EP 3875865 A4 20220105 (EN)

Application
EP 19902938 A 20191206

Priority
• CN 201811584241 A 20181224
• CN 2019123813 W 20191206

Abstract (en)
[origin: EP3875865A1] A fan, a humidifier, and an air conditioning system, the fan comprising a fan base, a transmission wire coil, and a control circuit. An accommodating space is formed at an inner part of the fan base, and a receiving area for placing a wireless power receiving device is formed at an upper surface of the fan base. The transmission wire coil and the control circuit are disposed in the accommodating space, and the transmission wire coil is located below the receiving area. The control circuit is used to control the transmission wire coil to send wireless power transmission signals to the wireless power receiving device. By means of disposing the transmission wire coil and the control circuit at the fan base, the wireless power transmission signals may be sent to the wireless power receiving device placed on the fan base for the wireless power receiving device to operate, thereby expanding the application range of wireless power transmission technology, so that the power supply of the wireless power receiving device is more convenient and safe.

IPC 8 full level
F24F 11/64 (2018.01); **F04D 27/00** (2006.01); **F24F 11/56** (2018.01); **F24F 110/20** (2018.01)

CPC (source: CN EP)
F04D 27/00 (2013.01 - CN); **F04D 29/005** (2013.01 - EP); **F24F 11/0008** (2013.01 - EP); **F24F 11/56** (2017.12 - CN EP); **F24F 11/63** (2017.12 - EP); **F24F 11/64** (2017.12 - CN); **F24F 2110/20** (2017.12 - CN EP)

Citation (search report)
• [Y] KR 20180086788 A 20180801 - NEOTIZEN CO LTD [KR]
• [XYI] WO 2016122088 A1 20160804 - HANSOL TECHNICS INC [KR]
• [A] KR 20180078397 A 20180710 - LG ELECTRONICS INC [KR], et al
• [A] CN 108105132 A 20180601 - YANG YUMEI
• See references of WO 2020134987A1

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

DOCDB simple family (publication)
EP 3875865 A1 20210908; **EP 3875865 A4 20220105**; AU 2019412262 A1 20210624; AU 2019412262 B2 20220602;
CN 109631261 A 20190416; WO 2020134987 A1 20200702

DOCDB simple family (application)
EP 19902938 A 20191206; AU 2019412262 A 20191206; CN 201811584241 A 20181224; CN 2019123813 W 20191206