

Title (en)  
AIR CONDITIONING SYSTEM

Title (de)  
KLIMATISIERUNGSSYSTEM

Title (fr)  
SYSTÈME DE CONDITIONNEMENT D'AIR

Publication  
**EP 4071418 A1 20221012 (EN)**

Application  
**EP 20895758 A 20201202**

Priority  
• JP 2019219521 A 20191204  
• JP 2020044864 W 20201202

Abstract (en)  
Some known air conditioning systems occasionally make a user discomfort due to abnormal noise resulting from a collision of dew water with outside air in an air supply pipe when condensation occurs in the air supply pipe in an air-supplying operation. An air conditioning system (100) includes an air supply fan (54), an air supply pipe (35), a heater (52), and a control unit (16). The control unit (16) controls the air supply fan (54) and the heater (52). The control unit (16) switches an air-supplying operation to a first air-supplying operation and a second air-supplying operation. The first air-supplying operation involves heating outside air with the heater (52) and supplying the heated outside air into a room, in accordance with a concentration of a predetermined gas in the room. The second air-supplying operation involves supplying outside air into the room without heating the outside air, in accordance with the concentration of the predetermined gas in the room.

IPC 8 full level  
**F24F 11/56** (2018.01); **F24F 3/14** (2006.01); **F24F 11/65** (2018.01); **F24F 11/74** (2018.01); **F24F 11/89** (2018.01)

CPC (source: EP)  
**F24F 1/0035** (2019.02); **F24F 11/65** (2018.01); **F24F 11/77** (2018.01); **F24F 6/06** (2013.01); **F24F 2006/065** (2013.01); **F24F 2011/0002** (2013.01); **F24F 2110/22** (2018.01); **F24F 2110/70** (2018.01)

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

DOCDB simple family (publication)  
**EP 4071418 A1 20221012**; **EP 4071418 A4 20230104**; **EP 4071418 B1 20240724**; CN 114729763 A 20220708; JP 2021089103 A 20210610; WO 2021112127 A1 20210610

DOCDB simple family (application)  
**EP 20895758 A 20201202**; CN 202080081412 A 20201202; JP 2019219521 A 20191204; JP 2020044864 W 20201202