

Title (en)
AIR-CONDITIONING INDOOR UNIT AND AIR CONDITIONER

Title (de)
KLIMAANLAGENINNENRAUMEINHEIT UND KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISATION ET CLIMATISEUR

Publication
EP 4092337 A4 20230621 (EN)

Application
EP 20913366 A 20201116

Priority
• CN 202020136413 U 20200119
• CN 202010062830 A 20200119
• CN 2020128979 W 20201116

Abstract (en)
[origin: EP4092337A1] An air-conditioning indoor unit (100) and an air conditioner are provided. The air-conditioning indoor unit (100) has a surface frame (1), a breezeless member (2), an outer deflector (12), a heat exchanger (3), and a fan (4). The surface frame (1) has a first air outlet (11) defined on a front lower part of the surface frame. The first air outlet (11) penetrates a front part and a bottom of the surface frame (1). The breezeless member (2) is disposed at a front side of the surface frame (1). The outer deflector (12) is capable of opening and closing a bottom side of the first air outlet (11). The breezeless member (2) is configured to open a front side of the first air outlet (11) when located at a first position, and to close the front side of the first air outlet (11) when located at a second position.

IPC 8 full level
F24F 1/0014 (2019.01); **F24F 1/0033** (2019.01); **F24F 1/0063** (2019.01); **F24F 13/10** (2006.01); **F24F 13/12** (2006.01); **F24F 13/15** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP US)
F24F 1/0014 (2013.01 - EP US); **F24F 1/0033** (2013.01 - EP); **F24F 1/0063** (2019.01 - EP); **F24F 13/10** (2013.01 - EP); **F24F 13/12** (2013.01 - EP); **F24F 13/15** (2013.01 - EP US); **F24F 13/20** (2013.01 - EP); **F24F 2013/1433** (2013.01 - EP US); **F24F 2013/1446** (2013.01 - EP US)

Citation (search report)
• [X] CN 110701683 A 20200117 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
• [X] CN 106287938 A 20170104 - GREE ELECTRIC APPLIANCES INC ZHUHAI
• [A] WO 02103249 A2 20021227 - LG ELECTRONICS INC [KR], et al
• See references of WO 2021143334A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 4092337 A1 20221123; EP 4092337 A4 20230621; US 2022357074 A1 20221110; WO 2021143334 A1 20210722

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EP 20913366 A 20201116; CN 2020128979 W 20201116; US 202217865536 A 20220715