

Title (en)
AIR DUCT ASSEMBLY AND MOBILE AIR CONDITIONER

Title (de)
LUFTKANALANORDNUNG UND MOBILE KLIMAAANLAGE

Title (fr)
ENSEMBLE CONDUIT D'AIR ET CLIMATISEUR MOBILE

Publication
EP 3974739 A4 20220420 (EN)

Application
EP 20911309 A 20200928

Priority
• CN 202010734728 A 20200727
• CN 202021514357 U 20200727
• CN 2020118451 W 20200928

Abstract (en)
[origin: WO2022021595A1] An air duct assembly and a mobile air conditioner. The air duct assembly comprises a first air duct (100) and a second air duct (200); the second air duct (200) is sleeved at the outer side of the first air duct (100), so that a first air channel (110) is formed in the first air duct (100), and a second air channel (210) is formed between the first air duct (100) and the second air duct (200); the first air duct (100) can be individually stretched and extends outside the second air duct (200), so that the first air channel (110) and the second air channel (210) can be communicated with the outdoor environment at the same time, thereby implementing air introduction and exhausting between the two air ducts and the outdoor environment; or, the first air channel (110) is communicated with the outdoor environment, and the second air channel (210) is communicated with the indoor environment, thereby introducing air from the indoor environment and exhausting the air to the outdoor environment.

IPC 8 full level
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CPC (source: EP)
F24F 1/028 (2019.01); **F24F 13/02** (2013.01); **F24F 13/0209** (2013.01); **F24F 13/04** (2013.01)

Citation (search report)
• [XY] CN 111237888 A 20200605 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD
• [Y] EP 1715235 A2 20061025 - NI BOYANG [CN]
• [Y] CN 211011637 U 20200714 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD
• [Y] CN 104613550 A 20150513 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD
• [Y] CN 108613268 A 20181002 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
• See references of WO 2022021595A1

Cited by
CN116136337A

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

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WO 2022021595 A1 20220203; EP 3974739 A1 20220330; EP 3974739 A4 20220420

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CN 2020118451 W 20200928; EP 20911309 A 20200928