

Title (en)
AIR CONDITIONER AND CONTROL METHOD THEREFOR

Title (de)
KLIMAANLAGE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
CLIMATISEUR ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication
EP 3855081 A4 20220608 (EN)

Application
EP 19862878 A 20190918

Priority
• CN 201811084955 A 20180918
• CN 2019106362 W 20190918

Abstract (en)
[origin: EP3855081A1] The present application provides an air conditioner and a control method thereof. The air conditioner includes an indoor unit having a first air outlet. First swing louvers capable of controlling an opening-closing range of the first air outlet are disposed at the first air outlet. A controller including a memory and a processor is disposed in the indoor unit. The memory stores a computer program, and when the program is executed by the processor, a following step is able to be implemented: when the indoor unit is powered on, the first swing louvers operate to be in a fully open state to reset, and then operate to be in a fully closed state. The control method of the air conditioner is capable of executing the above program. A deviation between an actual swing and a required swing of swing louvers due to changes in initial positions of the swing louvers when the air conditioner is turned on is avoided.

IPC 8 full level
F24F 1/0011 (2019.01); **F24F 1/0014** (2019.01); **F24F 11/48** (2018.01); **F24F 11/49** (2018.01); **F24F 11/79** (2018.01); **F24F 140/40** (2018.01)

CPC (source: CN EP)
F24F 1/0011 (2013.01 - EP); **F24F 1/0014** (2013.01 - CN EP); **F24F 11/48** (2017.12 - EP); **F24F 11/49** (2017.12 - EP); **F24F 11/61** (2017.12 - CN); **F24F 11/63** (2017.12 - CN); **F24F 11/64** (2017.12 - CN); **F24F 11/65** (2017.12 - CN); **F24F 11/74** (2017.12 - CN); **F24F 11/79** (2017.12 - EP); **F24F 13/14** (2013.01 - CN); **F24F 2140/40** (2017.12 - EP)

Citation (search report)
• [XY] CN 106895548 A 20170627 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD
• [Y] EP 3130861 A1 20170215 - MITSUBISHI HEAVY IND LTD [JP]
• [Y] CN 106091298 A 20161109 - GUANDONG MIDEA HVAC EQUIPMENT, et al
• [Y] CN 107655168 A 20180202 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD
• [A] CN 104964391 A 20151007 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
• See references of WO 2020057532A1

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

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