

Title (en)

AIR CONDITIONER OUTDOOR UNIT AND CONTROL METHOD

Title (de)

AUSSENEINHEIT EINER KLIMAAANLAGE UND STEUERUNGSVERFAHREN

Title (fr)

UNITÉ EXTÉRIEURE DE CLIMATISEUR ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

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Application

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Abstract (en)

[origin: EP4043809A1] An air conditioner outdoor unit and a control method. The air conditioner outdoor unit comprises: a housing in which at least two compressors (550) are provided; at least two drive modules (400), each drive module respectively correspondingly driving one compressor (550); heat exchange blocks (100) of which different parts are respectively connected to different drive modules (400) in a thermal conductive mode; and a refrigerant pipe (200) in which a refrigerant is comprised, the refrigerant pipe being inserted into the heat exchange blocks (100) and capable of cooling the heat exchange blocks (100). The problem that a condensation phenomenon is easy to occur because the temperature of the drive modules (400) of multiple compressors (550) is not balanced is solved.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [Y] CN 208804790 U 20190430 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
- [A] US 2019226691 A1 20190725 - TOKUDI MIKIHITO [JP], et al
- [A] US 2017016636 A1 20170119 - KOO KYOMIN [KR], et al
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- [A] JP 2005197454 A 20050721 - MITSUBISHI ELECTRIC CORP
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Designated contracting state (EPC)

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