

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CLIMATISEUR

Publication  
**EP 3617605 A4 20201209 (EN)**

Application  
**EP 18791326 A 20180424**

Priority  
• CN 201710283961 A 20170426  
• CN 2018084231 W 20180424

Abstract (en)  
[origin: EP3617605A1] An air conditioner, including: a first part (11) on which a assembling and disassembling groove (1) is provided, and a locking hole (5) is provided on the assembling and disassembling groove (1); a second part (12) having a locking structure thereon; a guide member (2) slidably cooperated with the assembling and disassembling groove (1); a locking block (3) slidably arranged on the guide member (2), a biasing force toward the second part (12) is provided disposed on the locking block, when the guide member (2) is moved to a locking position, the locking block (3) is configured to extend out of the locking hole (5) partially and to retract to a corresponding locking structure on the second part (12); when the guide member (2) is moved to an unlocking position, the locking block (3) is configured to retract to the assembling and disassembling groove (1) so as to disengage the first part (11) from the second part (12).

IPC 8 full level  
**F24F 1/00** (2019.01); **F24F 13/02** (2006.01); **F24F 13/20** (2006.01)

CPC (source: CN EP)  
**F24F 1/00** (2013.01 - EP); **F24F 13/00** (2013.01 - CN); **F24F 13/0209** (2013.01 - EP); **F24F 13/20** (2013.01 - EP); **F24F 2221/22** (2013.01 - EP)

Citation (search report)  
• [AD] CN 205037533 U 20160217 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al  
• [A] CN 104344463 A 20150211 - WUHAN REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP  
• [A] WO 2016074607 A1 20160519 - YOU FEI [CN]  
• [A] JP 2002071206 A 20020308 - MITSUBISHI ELECTRIC CORP  
• [A] CN 205641163 U 20161012 - WUHAN REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP  
• See references of WO 2018196740A1

Designated contracting state (EPC)  
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**EP 3617605 A1 20200304**; **EP 3617605 A4 20201209**; **EP 3617605 B1 20230405**; CN 108800498 A 20181113; CN 108800498 B 20190510; WO 2018196740 A1 20181101

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