

Title (en)  
AIR OUTFLOW ASSEMBLY AND AIR CONDITIONER

Title (de)  
LUFTAUSSTRÖMUNGSANORDNUNG UND KLIMAAANLAGE

Title (fr)  
ENSEMBLE DE SORTIE D'AIR ET CLIMATISEUR

Publication  
**EP 3757467 A4 20210421 (EN)**

Application  
**EP 18909368 A 20181207**

Priority  
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• CN 2018119837 W 20181207

Abstract (en)  
[origin: EP3757467A1] An air outlet assembly includes: a panel component (10), a first side plate part (20) and a second side plate part (30), the first side plate part (20) and the second side plate part (30) respectively being disposed at two ends of the panel component (10); a bottom shell part (40) located at a bottom of the panel component (10); and an air outlet frame (50) detachably mounted, by means of a sliding fastener mechanism, on the bottom shell part (40), the first side plate part (20) and the second side plate part (30). Further disclosed is an air conditioner. During actual usage and assembly, when it is necessary to clean the air outlet assembly, only a force exerted on the air outlet frame (50) is required, so that the air outlet frame (50) is pulled out along the sliding fastener mechanism, which may remove the air outlet frame (50) from the bottom shell part (40), the first side plate part (20) and the second side plate part (30). The air outlet assembly has a simple structure and is convenient to be assembled and disassembled.

IPC 8 full level  
**F24F 1/00** (2019.01); **F24F 1/0011** (2019.01); **F24F 13/20** (2006.01)

CPC (source: CN EP)  
**F24F 1/00** (2013.01 - EP); **F24F 1/0011** (2013.01 - EP); **F24F 13/20** (2013.01 - CN EP)

Citation (search report)  
• [X1] CN 206387021 U 20170808 - WUHAN REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP, et al  
• [X1] EP 3279574 A1 20180207 - GD MIDEA AIR-CONDITIONING EQUIPMENT CO LTD [CN], et al  
• [X1] CN 106016472 A 20161012 - NINGBO AUX AIR CONDITIONING CO  
• [X1] WO 2015180534 A1 20151203 - GREE ELECTRIC APPLIANCES INC [CN]  
• See references of WO 2019174321A1

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)  
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DOCDB simple family (publication)  
**EP 3757467 A1 20201230; EP 3757467 A4 20210421; EP 3757467 B1 20220316**; CN 110274380 A 20190924; WO 2019174321 A1 20190919

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