

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CLIMATISEUR

Publication  
**EP 4394263 A1 20240703 (EN)**

Application  
**EP 23220249 A 20231227**

Priority  

- KR 20220184392 A 20221226
- KR 20230068977 A 20230530

Abstract (en)  
An air conditioner is disclosed. The air conditioner includes a case, a heat exchanger disposed in the case, a drain pan disposed below the heat exchanger, a drain pipe connected to the drain pan and extending to the outside of the case through an outer wall of the case, a drain assembly extending in a direction away from the case to accommodate the drain pipe therein, and a pump disposed in the drain assembly and connected to the drain pipe. Accordingly, repair of the drain pipe and the pump is facilitated.

IPC 8 full level  
**F24F 1/0057** (2019.01); **F24F 13/20** (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP)  
**F24F 1/0057** (2019.02); **F24F 13/20** (2013.01); **F24F 13/222** (2013.01); **F24F 2013/227** (2013.01)

Citation (applicant)  

- KR 20230068977 A 20230518 - LG ENERGY SOLUTION LTD [KR]
- KR 20060011656 A 20060203 - SAMSUNG ELECTRONICS CO LTD [KR]
- KR 20160085355 A 20160715 - UNIV SOUTHERN CALIFORNIA [US]

Citation (search report)  

- [X] JP 5850716 B2 20160203
- [A] JP 2009063213 A 20090326 - HITACHI APPLIANCES INC
- [A] CN 101384858 A 20090311 - DAIKIN IND LTD [JP]
- [A] CN 110382965 A 20191025 - SHINWA CONTROLS CO LTD

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

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