

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)
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