

Title (en)
ELECTRIC CONTROL COMPONENT FOR OUTDOOR UNIT OF AIR CONDITIONER, OUTDOOR UNIT OF AIR CONDITIONER AND AIR CONDITIONER

Title (de)
ELEKTRISCHE STEUERKOMPONENTE FÜR EINE AUSSENEINHEIT EINER KLIMAANLAGE, AUSSENEINHEIT EINER KLIMAANLAGE UND KLIMAANLAGE

Title (fr)
COMPOSANT DE COMMANDE ÉLECTRIQUE POUR UNITÉ EXTÉRIEURE DE CLIMATISEUR, UNITÉ EXTÉRIEURE DE CLIMATISEUR ET CLIMATISEUR

Publication
EP 3650768 A1 20200513 (EN)

Application
EP 19812655 A 20190603

Priority

- CN 201821480943 U 20180910
- CN 201811051435 A 20180910
- CN 201821480967 U 20180910
- CN 201821480845 U 20180910
- CN 201821480945 U 20180910
- CN 2019089848 W 20190603

Abstract (en)
An electric control assembly (1) for an outdoor unit (100) of an air conditioner, an outdoor unit (100), and an air conditioner are disclosed. The outdoor unit (100) includes a main control board (2) and a filter board (3) arranged side by side in a horizontal direction. The electric control assembly (1) includes: a wire mounting plate sheet metal (11) located below the main control board (2) and the filter board (3) and provided with a power line terminal block (12); and an electric control board (13) disposed on the wire mounting plate sheet metal (11) and provided with a wiring socket (131) and a signal line terminal block (132). The wiring socket (131), the signal line terminal block (132), and the power line terminal block (12) are arranged sequentially in a direction from the main control board (2) to the filter board (3).

IPC 8 full level
F24F 11/00 (2018.01)

CPC (source: EP KR)
F24F 1/22 (2013.01 - EP KR); **F24F 1/24** (2013.01 - EP KR); **F24F 1/56** (2013.01 - EP KR); **F24F 11/00** (2013.01 - EP); **F24F 2013/207** (2013.01 - EP)

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)
BA ME

DOCDB simple family (publication)
EP 3650768 A1 20200513; **EP 3650768 A4 20200826**; **EP 3650768 B1 20230524**; ES 2951838 T3 20231025; KR 20200032038 A 20200325; WO 2020052279 A1 20200319

DOCDB simple family (application)
EP 19812655 A 20190603; CN 2019089848 W 20190603; ES 19812655 T 20190603; KR 20197035507 A 20190603