

Title (en)
OUTDOOR UNIT

Title (de)
AUSSENEINHEIT

Title (fr)
UNITÉ EXTÉRIEURE

Publication
EP 4321811 A1 20240214 (EN)

Application
EP 22807043 A 20220209

Priority
• JP 2021081630 A 20210513
• JP 2022005197 W 20220209

Abstract (en)
Provided is an outdoor unit in which a control board in a control box can be easily replaced. The present invention comprises: an outdoor fan (5) for introducing outside air; a compressor (13) that compresses a refrigerant; a control board that is provided with electrical components that control the outdoor fan (5) and/or the compressor (13); a control box (20) that houses the control board; a housing (3) that houses the outdoor fan (5), the compressor (13), the control board and the control box (20); and an impermeable wall (30) that separates the control box (20) from the top plate of the housing so that an upper space (R3) is formed between same and the top plate. The control board is removable in a state in which the impermeable wall (30) is fixed to the housing (3) side.

IPC 8 full level
F24F 1/22 (2011.01)

CPC (source: EP)
F24F 1/22 (2013.01); **F24F 1/24** (2013.01); **F24F 1/46** (2013.01); **F24F 1/56** (2013.01)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4321811 A1 20240214; **EP 4321811 A4 20240724**; AU 2022274345 A1 20231130; JP 2022175321 A 20221125;
WO 2022239336 A1 20221117

DOCDB simple family (application)
EP 22807043 A 20220209; AU 2022274345 A 20220209; JP 2021081630 A 20210513; JP 2022005197 W 20220209