

Title (en)
AIR-CONDITIONING SYSTEM

Title (de)
KLIMATISIERUNGSSYSTEM

Title (fr)
SYSTÈME DE CLIMATISATION

Publication
EP 3978817 A1 20220406 (EN)

Application
EP 20813372 A 20200408

Priority
• JP 2019099587 A 20190528
• JP 2020015853 W 20200408

Abstract (en)
An air conditioning system (100) includes a refrigerant cycle (RC), a power feed unit (40), a controller (60), and a determining unit (90). The refrigerant cycle (RC) includes an outdoor unit (10) and a plurality of indoor units (30). The outdoor unit (10) includes a compressor (11). In a case where a power source for at least one indoor unit of the plurality of indoor units (30) is interrupted, the power feed unit (40) feeds power from an auxiliary power source to the at least one indoor unit. The controller (60) controls at least the compressor (11). In the case where the power source for the at least one indoor unit of the plurality of indoor units (10) is interrupted, the determining unit (90) makes one of a determination to stop the compressor (11) and a determination to cause the compressor (11) to continue operating. The determining unit (90) transmits to the controller (60) an instruction corresponding to the determination that has been made.

IPC 8 full level
F24F 11/32 (2018.01); **F24F 11/41** (2018.01); **F25B 49/02** (2006.01); **F24F 140/12** (2018.01); **F24F 140/20** (2018.01); **F24F 140/50** (2018.01); **F24F 140/60** (2018.01)

CPC (source: EP US)
F24F 11/37 (2018.01 - EP); **F25B 13/00** (2013.01 - US); **F25B 31/004** (2013.01 - EP); **F25B 49/02** (2013.01 - EP); **F25B 49/022** (2013.01 - US); **F25D 21/002** (2013.01 - US); **F24F 11/41** (2018.01 - EP); **F24F 2140/30** (2018.01 - EP); **F25B 13/00** (2013.01 - EP); **F25B 2313/0233** (2013.01 - EP); **F25B 2600/0251** (2013.01 - EP); **F25B 2600/2513** (2013.01 - EP); **F25B 2700/1933** (2013.01 - EP); **F25B 2700/21151** (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 3978817 A1 20220406; **EP 3978817 A4 20220727**; **EP 3978817 B1 20240110**; CN 113874661 A 20211231; CN 113874661 B 20230331; JP 2020197370 A 20201210; JP 6844731 B2 20210317; US 2022146173 A1 20220512; WO 2020241076 A1 20201203

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EP 20813372 A 20200408; CN 202080038527 A 20200408; JP 2020015853 W 20200408; JP 2020069647 A 20200408; US 202017614280 A 20200408