

Title (en)
AIR-CONDITIONING SYSTEM

Title (de)
KLIMATISIERUNGSSYSTEM

Title (fr)
SYSTÈME DE CLIMATISATION

Publication
EP 3173708 A4 20170802 (EN)

Application
EP 15837572 A 20150128

Priority
• JP 2014179285 A 20140903
• JP 2015052306 W 20150128

Abstract (en)
[origin: EP3173708A1] An air conditioning system (1) includes indoor units (A1, A2), an outdoor unit (B), and a control device (3). Indoor unit control sections (41, 42), which respectively control the indoor units (A1, A2), and an outdoor unit control section (43), which controls the outdoor unit (B), are consolidated into the control device (3). The outdoor unit (B) is provided with an outdoor protection control section (64) that stops a compressor when an emergency stop condition is satisfied. The control device (3), the indoor units (A1, A2), the outdoor unit (B), and sensors (20) are adapted to be able to send and receive information to and from one another via a common bus (5). The indoor unit control sections (41, 42) and the outdoor unit control section (43) in the control device (3) acquire information from the sensors (20) via the common bus (5), and respectively create control instructions to various equipment constituting the indoor units (A1, A2) and the outdoor unit (B) by executing respective control programs.

IPC 8 full level
F24F 11/02 (2006.01); **F25B 1/00** (2006.01); **F25B 49/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP US)
F24F 11/89 (2017.12 - EP US); **F25B 1/00** (2013.01 - EP); **F25B 49/005** (2013.01 - EP); **F25B 49/02** (2013.01 - EP); **F25B 2500/06** (2013.01 - EP)

Citation (search report)
• [Y] WO 2014115318 A1 20140731 - MITSUBISHI ELECTRIC CORP [JP], et al
• [Y] WO 2013187147 A1 20131219 - DAIKIN IND LTD [JP]
• [A] JP H09236305 A 19970909 - YAMAHA MOTOR CO LTD
• [A] JP 2012198020 A 20121018 - MITSUBISHI HEAVY IND LTD
• See references of WO 2016035352A1

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 3173708 A1 20170531; **EP 3173708 A4 20170802**; **EP 3173708 B1 20180926**; JP 2016053441 A 20160414; JP 6682177 B2 20200415;
WO 2016035352 A1 20160310

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EP 15837572 A 20150128; JP 2014179285 A 20140903; JP 2015052306 W 20150128