

Title (en)
Air-conditioning apparatus and support system of the same

Title (de)
Klimaanlage und Unterstützungssystem dafür

Title (fr)
Appareil de climatisation et système de support de celui-ci

Publication
EP 2538147 A3 20180711 (EN)

Application
EP 12172327 A 20120618

Priority
• JP 2011136082 A 20110620
• JP 2012105258 A 20120502

Abstract (en)
[origin: EP2538147A2] When a user thinks "Is it a malfunction?" and wants to relieve this doubt and worry, the user first pushes a menu button (83b) on the remote control (80) and further pushes a minus button (83c) or a plus button (83a) to set the cursor on the "In a case such as... (inquiry menu)". Here, when the set button (83e) is pushed, two menu items, namely, "During heating operation..." and "From the outdoor unit..." are displayed. Further, when the set button (83e) is pushed while the cursor is set to the "During heating operation...", "The horizontal flaps will be in a horizontal state at the start of operation, during defrosting, and when temperature has become above the set temperature. It is not a malfunction" is displayed on the display unit (82).

IPC 8 full level
F24F 1/0063 (2019.01); **F24F 11/00** (2018.01)

CPC (source: EP KR US)
F24F 1/0007 (2013.01 - KR); **F24F 1/0063** (2019.01 - EP US); **F24F 11/30** (2017.12 - EP KR US); **F24F 11/32** (2017.12 - KR); **F24F 11/52** (2017.12 - KR); **F24F 11/56** (2017.12 - KR); **F24F 11/62** (2017.12 - EP KR US); **F24F 11/32** (2017.12 - EP US); **F24F 11/52** (2017.12 - EP US); **F24F 11/56** (2017.12 - EP US); **F24F 11/58** (2017.12 - EP US); **F24F 11/63** (2017.12 - EP US)

Citation (search report)
• [XAI] EP 2253896 A2 20101124 - LG ELECTRONICS INC [KR]
• [IJ] JP 2008015838 A 20080124 - DAIKIN IND LTD
• [IJ] JP 2008202898 A 20080904 - MITSUBISHI HEAVY IND LTD
• [XI] JP 2002071200 A 20020308 - TOSHIBA CARRIER KK
• [IJ] WO 2008084741 A1 20080717 - DAIKIN IND LTD [JP], et al
• [XA] EP 1674804 A1 20060628 - LG ELECTRONICS INC [KR]
• [A] US 2011074589 A1 20110331 - HAN JONGHYE [KR], et al

Cited by
EP2982910A1; EP2975331A4; EP3330627A4

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 2538147 A2 20121226; EP 2538147 A3 20180711; EP 2538147 B1 20190828; CN 102840646 A 20121226; CN 102840646 B 20141015; ES 2748167 T3 20200313; JP 2013029302 A 20130207; JP 6008564 B2 20161019; KR 101400613 B1 20140619; KR 20120140209 A 20121228; KR 20130137115 A 20131216; US 2012318010 A1 20121220; US 2015204562 A1 20150723

DOCDB simple family (application)
EP 12172327 A 20120618; CN 201210209535 A 20120620; ES 12172327 T 20120618; JP 2012105258 A 20120502; KR 20120065403 A 20120619; KR 20130149589 A 20131204; US 201213495199 A 20120613; US 201514619196 A 20150211