

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Climatiseur

Publication
EP 2395291 A3 20160706 (EN)

Application
EP 11001408 A 20110221

Priority
JP 2010134139 A 20100611

Abstract (en)
[origin: EP2395291A2] An air conditioner is provided with an outdoor unit (Y) having a compressor, an indoor unit (X) connected to the outdoor unit (Y) through extended pipelines (A and B), an indoor control section (X1) that starts an infrared sensor disposed in the indoor unit (X) when an instruction to detect a human body from a remote controller (Z) is received, generates an indoor image on the basis of detection information of the infrared sensor, determines whether a human body is present or not from the image and also determines the number of people if a human body is present, and calculates an operating frequency on the basis of information of the determination result, and an outdoor control section (Y1) that controls the compressor on the basis of the operating frequency calculated by the indoor control section (X1).

IPC 8 full level
F24F 11/00 (2006.01)

CPC (source: EP US)
F24F 11/30 (2017.12 - EP); **F24F 11/83** (2017.12 - EP); **F24F 11/86** (2017.12 - EP US); **F24F 2120/10** (2017.12 - EP US)

Citation (search report)

- [X] US 5331825 A 19940726 - KIM TAE D [KR]
- [A] US 2003096572 A1 20030522 - GUTTA SRINIVAS [US], et al
- [A] JP 2005257129 A 20050922 - MATSUSHITA ELECTRIC WORKS LTD
- [A] EP 2163832 A2 20100317 - MITSUBISHI ELECTRIC CORP [JP]

Cited by
EP3299732A1; EP3040633A4; US11867414B2; US10024563B2; EP2960588A3; EP2818804A4; WO2018056179A1

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 2395291 A2 20111214; EP 2395291 A3 20160706; EP 2395291 A8 20120229; EP 2395291 B1 20180131; CN 102278805 A 20111214; CN 102278805 B 20141022; JP 2011257112 A 20111222; JP 5300793 B2 20130925

DOCDB simple family (application)
EP 11001408 A 20110221; CN 201110087222 A 20110408; JP 2010134139 A 20100611