

Title (en)
AIR CONDITIONING CONTROL DEVICE, ENVIRONMENT SETTING TERMINAL, AIR CONDITIONING CONTROL METHOD, AND PROGRAM

Title (de)
KLIMAREGELVORRICHTUNG, ENDGERÄT ZUR UMGEBUNGSKONFIGURATION, KLIMAREGELUNGSVERFAHREN UND PROGRAMM

Title (fr)
DISPOSITIF DE COMMANDE DE CLIMATISATION, PROCÉDÉ DE RÉGLAGE D'ENVIRONNEMENT, PROCÉDÉ COMMANDE DE CLIMATISATION, ET PROGRAMME

Publication
EP 3650775 A4 20200722 (EN)

Application
EP 18827702 A 20180615

Priority
• JP 2017133608 A 20170707
• JP 2018022903 W 20180615

Abstract (en)
[origin: EP3650775A1] An air conditioning control device (2) includes: a radio wave detection processing unit configured to detect a radio wave arriving from a smartphone (4) through a plurality of wireless communicators (32) disposed at different positions; a position estimation unit configured to estimate the terminal position of the smartphone (4) based on a result obtained by detecting the radio wave arriving from the smartphone (4) from each of the plurality of wireless communicators (32); a request environment acquisition unit configured to acquire the request environment setting; and an indoor machine control unit configured to control an air conditioning indoor machine (3) based on an estimated terminal position which is the terminal position estimated by the position estimation unit and the request environment setting acquired by the request environment acquisition unit. The position estimation unit is configured to correct the estimated terminal position based on a designated position which is information received from the smartphone (4) and indicates a position designated by the user.

IPC 8 full level
F24F 11/63 (2018.01); **F24F 11/56** (2018.01); **F24F 120/12** (2018.01)

CPC (source: EP)
F24F 11/56 (2017.12); **F24F 11/63** (2017.12); **F24F 2120/12** (2017.12)

Citation (search report)
• [X] WO 2016022730 A1 20160211 - SHAH YOGENDRA [US]
• [I] US 2015156611 A1 20150604 - AGGARWAL VANEET [US], et al
• [A] US 2015338117 A1 20151126 - HENNEBERGER JOHN [US], et al
• [A] US 2009066473 A1 20090312 - SIMONS PAUL R [GB]
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• [A] WO 2016106287 A1 20160630 - TRANE INT INC [US]
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SE2250669A1; EP4160105A4

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 3650775 A1 20200513; **EP 3650775 A4 20200722**; CN 111094863 A 20200501; JP 2019015458 A 20190131; WO 2019009045 A1 20190110

DOCDB simple family (application)
EP 18827702 A 20180615; CN 201880057742 A 20180615; JP 2017133608 A 20170707; JP 2018022903 W 20180615