

Title (en)

Power-consumption management system for air conditioner, server device, client device, and power-consumption management method for air conditioner

Title (de)

Energieverbrauchsmanagementsystem für eine Klimaanlage, Servervorrichtung, Clientvorrichtung und Energieverbrauchsmanagementrollenverfahren für eine Klimaanlage

Title (fr)

Système de gestion de la consommation électrique pour climatiseur, dispositif serveur, dispositif client et procédé de gestion de la consommation électrique pour climatiseur

Publication

EP 2623879 A3 20170726 (EN)

Application

EP 13152465 A 20130124

Priority

JP 2012018008 A 20120131

Abstract (en)

[origin: EP2623879A2] In a power-consumption management system (1), a CAMS (server device) (2) calculates target power consumption in every management cycle on the basis of planned power consumption and calculates a target instantaneous power value for each outdoor unit (7) in every control cycle on the basis of the target power consumption. An EMG (client device) (5) measures an actual instantaneous power value in each outdoor unit (7). The CAMS (2) calculates an instantaneous-power-value control amount per control cycle on the basis of the target instantaneous power value and the actual instantaneous power value. The EMG (5) receives the instantaneous-power-value control amount from the CAMS (2) and controls an operation of each outdoor unit (7) on the basis of the instantaneous-power-value control amount.

IPC 8 full level

F24F 11/00 (2006.01); **F24F 3/06** (2006.01)

CPC (source: EP US)

F24F 3/065 (2013.01 - EP); **F24F 11/30** (2017.12 - EP); **F24F 11/46** (2017.12 - EP US); **F24F 11/62** (2017.12 - EP); **F24F 1/06** (2013.01 - EP); **F24F 11/54** (2017.12 - EP); **F24F 11/58** (2017.12 - EP)

Citation (search report)

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- [X] EP 1950505 A2 20080730 - LG ELECTRONICS INC [KR]
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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 2623879 A2 20130807; EP 2623879 A3 20170726; JP 2013155969 A 20130815; JP 5951270 B2 20160713

DOCDB simple family (application)

EP 13152465 A 20130124; JP 2012018008 A 20120131