

Title (en)

ENERGY CONSERVATION CONTROLLER AND ENERGY CONSERVATION CONTROL SYSTEM

Title (de)

ENERGIEERHALTUNGSSTEUERUNG UND ENERGIEERHALTUNGSSTEUERUNGSSYSTEM

Title (fr)

CONTRÔLEUR DE CONSERVATION D'ÉNERGIE ET SYSTÈME DE COMMANDE DE CONSERVATION D'ÉNERGIE

Publication

EP 2725817 A1 20140430 (EN)

Application

EP 12802195 A 20120615

Priority

- JP 2011138075 A 20110622
- JP 2012065300 W 20120615

Abstract (en)

Storage unit stores a plurality of control contents, corresponding to a plurality of energy conservation levels indicating degrees of energy conservation, respectively. Control unit reads, from storage unit, a control content corresponding to an energy conservation level in setting unit, and control an apparatus. Request acquisition unit defines, as reference time point, time point when control of apparatus is started based on control content, and acquires operation content by user within predetermined time periods before and after reference time point. Acceptability evaluation unit evaluates, as degree of acceptance, degree of user's acceptability to energy conservation automatic control performed by control unit at reference time point, based on operation content acquired by request acquisition unit. Setting unit, when degree of acceptance is higher than first threshold value, increases energy conservation level so that energy to be consumed in apparatus is made smaller than energy at reference time point.

IPC 8 full level

H04Q 9/00 (2006.01); **F24F 11/02** (2006.01); **H05B 37/02** (2006.01)

CPC (source: EP US)

F24F 11/30 (2017.12 - EP US); **F24F 11/46** (2017.12 - EP US); **F24F 11/57** (2017.12 - EP US); **F24F 11/62** (2017.12 - EP US); **F24F 11/64** (2017.12 - EP US); **F24F 11/84** (2017.12 - EP US); **H05B 47/19** (2020.01 - EP US); **F24F 11/56** (2017.12 - EP US); **F24F 2120/20** (2017.12 - EP US)

Cited by

US11466885B2; US11680722B2

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

DOCDB simple family (publication)

EP 2725817 A1 20140430; **EP 2725817 A4 20140709**; **EP 2725817 B1 20181107**; CN 103621107 A 20140305; CN 103621107 B 20170524; JP 5632971 B2 20141126; JP WO2012176690 A1 20150223; WO 2012176690 A1 20121227

DOCDB simple family (application)

EP 12802195 A 20120615; CN 201280030267 A 20120615; JP 2012065300 W 20120615; JP 2013521549 A 20120615