

Title (en)

METHOD FOR ENVIRONMENTAL CONTROL AND MONITORING

Title (de)

VERFAHREN ZUR UMGEBUNGSSTEUERUNG UND -ÜBERWACHUNG

Title (fr)

PROCÉDÉ DE COMMANDE ET DE SURVEILLANCE ENVIRONNEMENTALE

Publication

**EP 3129840 A2 20170215 (EN)**

Application

**EP 15776613 A 20150410**

Priority

- US 201414250540 A 20140411
- US 2015025302 W 20150410

Abstract (en)

[origin: WO2015157628A2] An environmental control and monitoring method is provided. An electronic communication including a selection of a climate control operational mode to modify an environment within a particular designated area is received from one of a plurality of environmental control and monitoring devices via a network, wherein each of the plurality of environmental control and monitoring devices include one or more climate control subsystems for modifying an environment within a designated area. The selection of the climate control operational mode is associated with a climate control parameter and the one of the plurality of environmental control and monitoring devices. An operation of a particular climate control subsystem of the one of the plurality of environmental control and monitoring devices is initiated to modify the environment within the particular designated area based on the climate control parameter. A usage parameter based on the operation of the particular climate control subsystem is received via the network. A billing message associated with a user is generated based on the usage parameter, and the billing message is transmitted to a billing system, wherein the billing message results in a charge to an account of the user.

IPC 8 full level

**G05B 15/02** (2006.01)

CPC (source: CN EP US)

**F24F 11/58** (2017.12 - CN EP US); **F24F 11/64** (2017.12 - CN EP US); **F24F 11/65** (2017.12 - CN EP US); **G05B 15/02** (2013.01 - EP US); **G05B 19/0421** (2013.01 - CN); **G06Q 20/145** (2013.01 - EP); **H04L 12/2818** (2013.01 - CN); **H04L 12/2823** (2013.01 - CN); **H04L 12/2825** (2013.01 - CN); **F24F 11/30** (2017.12 - EP US); **F24F 11/62** (2017.12 - EP US); **G05B 2219/23336** (2013.01 - CN); **G05B 2219/24048** (2013.01 - CN); **G05B 2219/2638** (2013.01 - CN)

Citation (search report)

See references of WO 2015157628A2

Citation (examination)

- WO 2013020085 A2 20130207 - INNOVACI INC [US], et al
- US 2006283965 A1 20061221 - MUELLER CARL J [US], et al
- US 2012143750 A1 20120607 - GORDON MICHAEL [US], et al
- US 2007250189 A1 20071025 - ROURKE MICHAEL C [US], et al

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)

**WO 2015157628 A2 20151015**; **WO 2015157628 A3 20160506**; CA 2943425 A1 20151015; CN 106165348 A 20161123; EP 3129840 A2 20170215

DOCDB simple family (application)

**US 2015025302 W 20150410**; CA 2943425 A 20150410; CN 201580019156 A 20150410; EP 15776613 A 20150410