Title (en)

SYSTEM AND METHODS FOR AUTOMATIC POWER MANAGEMENT OR REMOTE ELECTRONIC DEVICES USING A MOBILE DEVICE

Title (de)

SYSTEM UND VERFAHREN ZUR AUTOMATISCHEN REMOTE-ENERGIEVERWALTUNG ELEKTRONISCHER VORRICHTUNGEN MITHILFE EINER MOBILVORRICHTUNG

Title (fr)

SYSTÈME ET PROCÉDÉS POUR UNE GESTION AUTOMATIQUE DE LA PUISSANCE OU DE DISPOSITIFS ÉLECTRONIQUES DISTANTS AU MOYEN D'UN DISPOSITIF MOBILE

Publication

EP 2616894 A4 20170712 (EN)

Application

EP 11825869 A 20110914

Priority

- US 38276410 P 20100914
- US 201113092670 A 20110422
- US 2011051590 W 20110914

Abstract (en)

[origin: WO2012037249A1] Systems and methods for managing and monitoring a plurality of disparate electrical and/or electronic devices located at various geographically distributed facilities remotely on the basis of an instantaneous location of a user's mobile device that is associated with one or more electrical and/or electronic devices. Remote management of these devices involve transmitting information corresponding to a current location of a user's mobile device that will be managing the devices, without the need for installing additional software on the devices. An energy management system installed within an organization's infrastructure communicates with users' mobile devices and executes power management commands on the electrical and/or electronic devices, for purposes of monitoring and managing several operational aspects related to such devices. Such power management commands can be on- demand dynamic commands provided by a user's mobile device, or predefined commands stored in the energy management system.

IPC 8 full level

G06F 1/32 (2006.01); **H04W 4/021** (2018.01); **H04W 4/70** (2018.01)

CPC (source: EP)

G06F 1/3206 (2013.01); **G06F 1/3209** (2013.01); **H02J 13/00028** (2020.01); **H04W 4/021** (2013.01); **H04W 4/70** (2018.01); H02J 2310/16 (2020.01)

Citation (search report)

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- [A] US 2010217449 A1 20100826 - MUSTI SUBRAHMANYAM S [US], et al
- [A] MOYER D MARPLES S TSANG J KATZ P GURUNG T CHENG A DUTTA TELCORDIA TECHNOLOGIES H SCHULZRINNE COLUMBIA UNIVERSITY ARJUN ROYCHOWDHUR: "Framework Draft for Networked Appliances using the Session Initiation Protocol; draft-moyer-sip-appliances-framework-02.txt", FRAMEWORK DRAFT FOR NETWORKED APPLIANCES USING THE SESSION INITIATION PROTOCOL; DRAFT-MOYER-SIP-APPLIANCES-FRAMEWORK-02.TXT, INTERNET ENGINEERING TASK FORCE, IETF; STANDARDWORKINGDRAFT, INTERNET SOCIETY (ISOC) 4, RUE DES FALAISES CH- 1205 GENEVA, SWI, no. 2, 1 June 2001 (2001-06-01), XP015032766
- See references of WO 2012037249A1

Designated contracting state (EPC)

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