

Title (en)  
ENERGY MANAGEMENT METHOD, ENERGY MANAGEMENT DEVICE, SWITCHING DEVICE FOR AN ENERGY MANAGEMENT DEVICE, AND  
COMPUTER SOFTWARE PRODUCT

Title (de)  
ENERGIEMANAGEMENTVERFAHREN, ENGERIEMANAGEMENTEINRICHTUNG, VERMITTLUNGSEINRICHTUNG FÜR EINE  
ENERGIEMANAGEMENTEINRICHTUNG UND COMPUTERSOFTWAREPRODUKT

Title (fr)  
PROCÉDÉ DE GESTION DE L'ÉNERGIE, MOYEN DE GESTION DE L'ÉNERGIE, MOYEN DE COMMUNICATION POUR MOYEN DE GESTION  
DE L'ÉNERGIE ET LOGICIEL

Publication  
**EP 3146492 A1 20170329 (DE)**

Application  
**EP 15750013 A 20150803**

Priority  
• DE 102014216822 A 20140825  
• EP 2015067778 W 20150803

Abstract (en)  
[origin: WO2016030141A1] An energy management method for detecting an energy consumption of at least one consumer connected to an energy supply network, wherein the sum of the maximum power consumptions of all consumers is at least 5 kW, wherein relevant detection values of each energy consumption are detected by a plurality of detection devices and/or calculated from detected values, after which, at least parts of the detection values and/or values calculated from at least parts of the detection values are transmitted as energy values to a central device and stored and/or evaluated there, wherein a switching device is respectively assigned to at least one of the detection devices and/or at least one group of the detection devices, wherein the detection values detected and/or calculated by the detection device and/or the group of detection devices are each provided to the switching device according to a predefined detection device protocol for the detection device and/or the group of detection devices, after which, the respective energy values are transmitted to the central device, via a network which connects the central device to all switching devices, according to a predefined central device protocol which differs from the detection device protocol.

IPC 8 full level  
**G06Q 50/06** (2012.01)

CPC (source: CN EP US)  
**G06Q 10/04** (2013.01 - EP US); **G06Q 50/06** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2016030141A1

Citation (examination)  
• WO 2012013219 A1 20120202 - SIEMENS AG [DE], et al  
• EP 2597815 A1 20130529 - SIEMENS AG [DE]

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)  
**DE 102014216822 A1 20160225**; CN 106663291 A 20170510; EP 3146492 A1 20170329; US 2017278025 A1 20170928;  
WO 2016030141 A1 20160303

DOCDB simple family (application)  
**DE 102014216822 A 20140825**; CN 201580045623 A 20150803; EP 15750013 A 20150803; EP 2015067778 W 20150803;  
US 201515504753 A 20150803