

Title (en)
ELECTRICAL POWER SYSTEM MODELING, DESIGN, ANALYSIS, AND REPORTING VIA A CLIENT-SERVER APPLICATION FRAMEWORK

Title (de)
MODELLIERUNG UND ANALYSE EINES STROMSYSTEMS SOWIE ERSTELLUNG VON BERICHTEN DARÜBER ÜBER EINEN CLIENT-SERVER-ANWENDUNGSRAHMEN

Title (fr)
MODÉLISATION, CONCEPTION, ANALYSE ET COMPTE RENDU DE SYSTÈME DE PUISSANCE ÉLECTRIQUE VIA UNE PLATEFORME D'APPLICATION CLIENT-SERVEUR

Publication
EP 2201489 A1 20100630 (EN)

Application
EP 08837888 A 20081008

Priority

- US 2008079218 W 20081008
- US 97934707 P 20071011
- US 12155208 A 20080515

Abstract (en)
[origin: WO2009048963A1] A system for an intelligent web-based monitoring and management of an electrical system is disclosed. The system comprises a data acquisition component communicatively connected to a sensor configured to acquire real-time data output from the electrical system; a web application server communicatively connected to the data acquisition component, the web application server configured to transmit a user interface to a client terminal, the web application server comprising: a virtual system model database communicatively connected to the data acquisition component, the virtual system model database configured to store a virtual system model of the electrical system, a power analytic simulation engine comprising a virtual system modeling engine, communicatively configured to generate a predicted data output for the electrical system utilizing the virtual system model of the electrical system, is connected to the virtual system model database, and an analytics engine communicatively connected to the virtual system model database.

IPC 8 full level
G06F 17/50 (2006.01)

CPC (source: EP)
G05B 17/02 (2013.01); **G05B 23/0243** (2013.01); **G06F 30/20** (2020.01); **G06Q 10/063** (2013.01); **G06Q 50/06** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009048963 A1 20090416; AU 2008310904 A1 20090416; CA 2699867 A1 20090416; EP 2201489 A1 20100630; EP 2201489 A4 20140611

DOCDB simple family (application)
US 2008079218 W 20081008; AU 2008310904 A 20081008; CA 2699867 A 20081008; EP 08837888 A 20081008