

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

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EP 2201489 A1 20100630 (EN)

Application
EP 08837888 A 20081008

Priority
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• US 97934707 P 20071011
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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.

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