

Title (en)

REAL-TIME SYSTEM VERIFICATION AND MONITORING OF PROTECTIVE DEVICE SETTINGS WITHIN AN ELECTRICAL POWER DISTRIBUTION NETWORK

Title (de)

SYSTEM ZUR ECHTZEITÜBERPRÜFUNG UND ÜBERWACHUNG VON SCHUTZVORRICHTUNGSEINSTELLUNGEN IN EINEM STROMVERTEILUNGSNETZ

Title (fr)

VÉRIFICATION DE SYSTÈME EN TEMPS RÉEL ET SURVEILLANCE DES PARAMÈTRES D'UN DISPOSITIF DE PROTECTION DANS UN RÉSEAU DE DISTRIBUTION D'ÉNERGIE ÉLECTRIQUE

Publication

**EP 2225639 A1 20100908 (EN)**

Application

**EP 08860852 A 20081212**

Priority

- US 2008086656 W 20081212
- US 1437107 P 20071217

Abstract (en)

[origin: WO2009079395A1] A system for real-time verification of protective device system configuration settings on a monitored system, is disclosed. The system includes a data acquisition component, a virtual system model database, a protective device system verification engine. The data acquisition component is communicatively connected to a sensor configured to real-time protective device configuration data output from a protective device that is part of the monitored system. The virtual system model database is configured to update a virtual mode of the system based on the status of the protective devices and to store a virtual system model of the monitored system, including preset protective device configuration settings for the protective device. The protective device system verification engine configured to monitor the real-time protective device configuration data and the preset protective device configuration settings and generate a warning when there is a difference between the real-time protective device configuration data and the preset protective device configuration settings.

IPC 8 full level

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CPC (source: EP)

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