

Title (en)

A METHOD FOR PREDICTING ARC FLASH ENERGY AND PPE CATEGORY WITHIN A REAL-TIME MONITORING SYSTEM

Title (de)

VERFAHREN ZUR VORHERSAGE EINER LICHTBOGEN-BLITZENERGIE UND EINER PPE-KATEGORIE IN EINEM ECHTZEITÜBERWACHUNGSSYSTEM

Title (fr)

PROCÉDÉ DE PRÉDICTION D'UNE ÉNERGIE DE FLASH EN ARC ET CATÉGORIE PPE DANS UN SYSTÈME DE SURVEILLANCE EN TEMPS RÉEL

Publication

EP 2195666 A4 20121017 (EN)

Application

EP 08836989 A 20081010

Priority

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- US 97968007 P 20071012

Abstract (en)

[origin: WO2009049221A1] A method for simulating an arc flash event on an electrical power system is disclosed. The virtual system model of the electrical system is modified to introduce a short circuiting feature. The standard to supply equations used in the arc flash event calculations is chosen. The arc flash event is simulated using the modified virtual system model in accordance with the chosen standard. The quantity of arc energy released by the arc flash event is calculated using results from the simulation. The report that forecasts an aspect of the arc flash event is communicated.

IPC 8 full level

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CPC (source: EP)

G06F 30/367 (2020.01); **G06F 2111/10** (2020.01); **G06F 2119/06** (2020.01)

Citation (search report)

- [X] US 2007213956 A1 20070913 - NASLE ADIB [US], et al
- [X] US 2007239373 A1 20071011 - NASLE ADIB [US]
- See references of WO 2009049221A1

Designated contracting state (EPC)

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