Title (en)

CONVERTING CAD DRAWING FILES INTO INTELLIGENT OBJECTS FOR THE DESIGN, ANALYSIS OF ELECTRICAL POWER SYSTEMS

Title (de)

UMWANDLUNG VON CAD-ZEICHNUNGS-DATEIEN IN INTELLIGENTE OBJEKTE ZUM ENTWERFEN UND ANALYSIEREN VON STROMSYSTEMEN

Title (fr)

CONVERSION DE FICHIERS DE DESSIN DE CAO EN DES OBJETS INTELLIGENTS POUR LA CONCEPTION, L'ANALYSE DE SYSTÈMES D'ALIMENTATION ÉLECTRIQUE

Publication

EP 2201488 A4 20120229 (EN)

Application

EP 08837119 A 20081008

Priority

- US 2008079215 W 20081008
- US 97968607 P 20071012
- US 23603008 A 20080923

Abstract (en)

[origin: WO2009048960A1] A computer system for converting a computer aided design drawing file of an electrical power system into one or more component objects for power analytic analysis and simulation, is disclosed. The computer system can include a processor, a memory, a display device, and an input device. The memory device can be coupled to the processor and configured to maintain a component classification database, an import engine, computer aided design drawing parser, and a symbol classification engine. The display device can be coupled to the processor and configured for displaying the computer aided design drawing file of the electrical power system. The processor can be operative to execute instructions within the import engine to control the import of the computer aided design drawing file to the computer and execute instructions within the symbol classification engine to control the assigning of a component classification to the component symbol.

IPC 8 full level

G06F 17/50 (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP)

G05B 19/41885 (2013.01); **G06F 30/367** (2020.01); G05B 2219/23008 (2013.01); G05B 2219/49181 (2013.01); G06F 2111/12 (2020.01); G06F 2119/06 (2020.01); Y02P 90/02 (2015.11)

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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

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2008079215 W 20081008; AU 2008310901 A 20081008; CA 2700887 A 20081008; EP 08837119 A 20081008