

Title (en)

COMPUTER SYSTEM, USE OF GRAPHS, METHOD FOR CREATING A CONSTRUCTION DRAWING, METHOD FOR MANUFACTURING A PRODUCT, AND USE OF SAID METHOD

Title (de)

VERWENDUNG VON GRAPHEN, VERFAHREN UND RECHNERSYSTEM ZUR ERZEUGUNG EINER KONSTRUKTIONSZEICHNUNG, VERFAHREN ZUR HERSTELLUNG EINES ERZEUGNISSES UND VERWENDUNG DES VERFAHRENS

Title (fr)

SYSTÈME INFORMATIQUE, UTILISATION DE GRAPHIQUES, PROCÉDÉ DE PRODUCTION D'UN DESSIN D'EXÉCUTION, PROCÉDÉ DE PRODUCTION D'UN PRODUIT ET UTILISATION DU PROCÉDÉ

Publication

**EP 2122516 A2 20091125 (DE)**

Application

**EP 08701059 A 20080110**

Priority

- EP 2008000136 W 20080110
- DE 102007006808 A 20070207

Abstract (en)

[origin: US2008189083A1] Techniques for generating design drawings for design variants that are assembled from one or more components of a modular system are described herein. According to one embodiment of the invention, a first data structure in a computing device is to store the one or more components of the modular system, wherein each component includes a quantity of features. A second data structure in the computing device is to store one or more component position numbers, wherein at least one component is assignable to each of the one or more component position numbers, and each design variant is describable by assignment of the components of the modular system to component position numbers of the second data structure. A third data structure in the computing device is to store one or more rules, wherein each rule is to set at least two component position numbers in a relationship, and an assembly module in the computing device is to select the rules from the third data structure that correspond to the one or more component position numbers, and to cause a design drawing to be displayed according to the selected rules. Other methods and apparatuses are also described.

IPC 8 full level

**G06F 17/50** (2006.01)

CPC (source: EP US)

**G06F 30/00** (2020.01 - EP US); **G06F 30/17** (2020.01 - EP US); **G06F 2111/20** (2020.01 - EP US)

Citation (search report)

See references of WO 2008095574A2

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)

**US 2008189083 A1 20080807; US 8666702 B2 20140304;** CN 101606156 A 20091216; CN 101606156 B 20120704; CN 102289551 A 20111221; CN 102289551 B 20141203; DE 102008003731 A1 20080814; DE 102008003731 B4 20240229; EP 2122516 A2 20091125; EP 2485170 A2 20120808; EP 2485170 A3 20121219; EP 3486810 A1 20190522; EP 3486810 B1 20200930; WO 2008095574 A2 20080814; WO 2008095574 A3 20090409; WO 2008097607 A2 20080814; WO 2008097607 A3 20081113

DOCDB simple family (application)

**US 2708008 A 20080206;** CN 200880004463 A 20080110; CN 201110254446 A 20080110; DE 102008003731 A 20080110; EP 08701059 A 20080110; EP 12001487 A 20080110; EP 18000932 A 20080110; EP 2008000136 W 20080110; US 2008001619 W 20080206