

Title (en)

SYSTEM AND METHOD FOR REALIZING A BUILDING USING AUTOMATED BUILDING MASSING CONFIGURATION GENERATION

Title (de)

SYSTEM UND VERFAHREN ZUR REALISIERUNG EINES GEBÄUDES MITTELS AUTOMATISIERTER ERZEUGUNG EINER GEBÄUDEKÖRPER-KONFIGURATION

Title (fr)

SYSTÈME ET PROCÉDÉ POUR RÉALISER UN BÂTIMENT PAR GÉNÉRATION DE CONFIGURATIONS D'AGGLOMÉRATION DE BÂTIMENTS AUTOMATISÉE

Publication

EP 2973073 A1 20160120 (EN)

Application

EP 14762761 A 20140314

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Abstract (en)

[origin: WO2014144750A1] Computer based methods and systems for evaluating different building designs are disclosed. In one embodiment, the method involves generating a first set of different building massing configurations using a shape grammar, storing the generated first set of different building massing configurations in a building massing library, reducing the first set of different building massing configurations according to a parameter search to form a second set of different building massing configurations, the second set being a subset of the first set, and using the second set of different building massing configurations to evaluate an aspect of a building system.

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