

Title (en)
METHODS AND SYSTEMS FOR MODULAR BUILDINGS

Title (de)
VERFAHREN UND SYSTEME FÜR MODULARE GEBÄUDE

Title (fr)
PROCÉDÉS ET SYSTÈMES POUR MODULAIRES

Publication
EP 2356597 A1 20110817 (EN)

Application
EP 09826836 A 20091113

Priority

- US 2009064387 W 20091113
- US 11472608 P 20081114
- US 11462608 P 20081114

Abstract (en)
[origin: WO2010056994A1] The present invention provides a multifunctional building panel which may comprise a sensor to measure an interior condition and an exterior condition and generate a signal in response, along with systems and methods for designing, optimizing and constructing modular buildings, including buildings constructed at least in part of multifunctional building panels, by utilizing a priority distribution ranking as an optimization constraint.

IPC 8 full level
G06F 17/50 (2006.01)

CPC (source: EP)
E04B 1/34 (2013.01); **E04B 7/22** (2013.01); **E04D 3/352** (2013.01); **G06F 30/13** (2020.01); **H01L 31/02021** (2013.01); **H01L 31/05** (2013.01); **H02S 20/00** (2013.01); **H02S 40/34** (2014.12); **F24S 2201/00** (2018.04); **G06F 2111/06** (2020.01); **Y02B 10/10** (2013.01); **Y02E 10/50** (2013.01)

Citation (search report)
See references of WO 2010056994A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010056994 A1 20100520; CA 2775837 A1 20100520; EP 2356597 A1 20110817

DOCDB simple family (application)
US 2009064387 W 20091113; CA 2775837 A 20091113; EP 09826836 A 20091113