

Title (en)
SYSTEMS AND METHODOLOGY FOR CONSTRUCTION MANAGEMENT AND EQUIPMENT POSITIONING VIA BUILDING INFORMATION MODELING

Title (de)
SYSTEME UND METHODOLOGIE ZUR KONSTRUKTIONSVERWALTUNG UND AUSRÜSTUNGSPositionierung DURCH GEBÄUDEINFORMATIONSMODELLIERUNG

Title (fr)
SYSTÈME ET MÉTHODOLOGIE DE GESTION DE CONSTRUCTION ET DE POSITIONNEMENT D'ÉQUIPEMENT AU MOYEN D'UNE MODÉLISATION D'INFORMATIONS DE CONSTRUCTION

Publication
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Application
EP 19883168 A 20191109

Priority
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• US 201962841217 P 20190430
• US 2019060653 W 20191109

Abstract (en)
[origin: WO2020097589A1] A system, method and apparatus includes generating a building model of a building to be constructed at a construction site, identifying within the building model positional locations for installation of one or more anchor apparatuses within structural elements of the building model, transmitting the building model to a portable computing device at the construction site and identifying the location of the portable computing device to a given positional location. At least the generating, identifying, transmitting and identifying steps are implemented via at least one processing device comprising a processor and a memory.

IPC 8 full level
G06F 30/13 (2020.01); **E04B 1/41** (2006.01); **G06Q 10/06** (2012.01); **G06Q 50/08** (2012.01); **H04B 5/00** (2006.01)

CPC (source: EP KR)
E04B 1/41 (2013.01 - KR); **G06F 30/13** (2020.01 - EP KR); **G06K 19/0723** (2013.01 - KR); **G06Q 10/06** (2013.01 - KR); **G06Q 50/08** (2013.01 - KR); **H04B 5/77** (2024.01 - EP)

Citation (search report)
• [A] WO 2012129177 A1 20120927 - ESPINOSA THOMAS M [US]
• [A] WO 2005060421 A2 20050707 - BUILDING CONSTRUCTION SOLUTION [US]
• [A] WO 2016011259 A1 20160121 - SR SYSTEMS LLC [US]
• [A] EP 2648119 A1 20131009 - VINCI CONSTRUCTION GRANDS PROJETS [FR]
• See also references of WO 2020097589A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020097589 A1 20200514; AU 2019376170 A1 20210527; AU 2019376170 B2 20240509; BR 112021009060 A2 20210810; CA 3119327 A1 20200514; CN 113261018 A 20210813; EP 3861498 A1 20210811; EP 3861498 A4 20221019; IL 283001 A 20210630; JP 2022506961 A 20220117; KR 20210090668 A 20210720; MX 2021005305 A 20210816; ZA 202103082 B 20221221

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