

Title (en)

THREE-DIMENSIONAL INDOOR WIRELESS SERVICE ASSESSMENT AND VISUALIZATION

Title (de)

DREIDIMENSIONALE BEURTEILUNG UND VISUALISIERUNG EINES DRAHTLOSEN INNENDIENSTES

Title (fr)

ÉVALUATION ET VISUALISATION DE SERVICE SANS FIL D'INTÉRIEUR EN TROIS DIMENSIONS

Publication

EP 4393182 A1 20240703 (EN)

Application

EP 22751179 A 20220603

Priority

- US 202163260594 P 20210826
- US 202217681086 A 20220225
- US 2022032094 W 20220603

Abstract (en)

[origin: WO2023027793A1] Disclosed are methods of generating a visual representation of a wireless service conditions in a three-dimensional display comprising: capturing, from a wireless device, a collection of data comprising wireless service conditions; determining from the data, a latitude and longitude and determining a reference altitude based on said latitude and longitude; determining from the data, a reported altitude in a coordinate system of choice; subtracting the reference altitude from the reported altitude in the coordinate system of choice; determining an estimated above-ground elevation of the data; and displaying in a visual representation the wireless service condition within a three-dimensional graphical image.

IPC 8 full level

H04W 16/20 (2009.01); **H04W 24/02** (2009.01)

CPC (source: EP KR)

G06T 15/20 (2013.01 - EP); **G06T 17/05** (2013.01 - EP); **H04W 16/20** (2013.01 - EP KR); **H04W 24/02** (2013.01 - KR); **H04W 24/04** (2013.01 - EP); **H04W 24/08** (2013.01 - EP KR); **G01S 5/011** (2020.05 - EP); **G01S 5/02526** (2020.05 - EP); **G06T 2210/04** (2013.01 - EP)

Citation (search report)

See references of WO 2023027793A1

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

Designated extension state (EPC)

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DOCDB simple family (application)

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