

Title (en)

SPATIALLY SELF-VERIFYING ARRAY OF NODES

Title (de)

RÄUMLICH SELBSTPRÜFENDE ANORDNUNG VON KNOTEN

Title (fr)

RÉSEAU DE NOEUDS À AUTO-VÉRIFICATION SPATIALE

Publication

EP 3997582 A1 20220518 (EN)

Application

EP 20837285 A 20200207

Priority

- US 201916504919 A 20190708
- US 201916528104 A 20190731
- US 201916657660 A 20191018
- US 201916688775 A 20191119
- US 201916721906 A 20191219
- US 202016775223 A 20200128
- US 2020017161 W 20200207

Abstract (en)

[origin: WO2021006932A1] Methods and apparatus for verifying respective positions of Nodes based upon wireless communications between Nodes included in an array. Values for variables derived from multiple wireless transmissions between Nodes are aggregated, and a position of a particular Node may be determined based upon multiple data sets generated by multiple communications between disparate Nodes. In addition, the presence of an obstacle to wireless communication between some Nodes may be derived from the data sets. A user interface may provide a pictorial view of positions of all or some Nodes in an array, as well as a perceived obstruction.

IPC 8 full level

G06F 15/173 (2006.01)

CPC (source: EP)

G01S 5/0036 (2013.01); **G01S 5/0284** (2013.01)

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)

BA ME

DOCDB simple family (publication)

WO 2021006932 A1 20210114; CA 3148476 A1 20210114; CA 3148476 C 20240611; EP 3997582 A1 20220518; EP 3997582 A4 20230726

DOCDB simple family (application)

US 2020017161 W 20200207; CA 3148476 A 20200207; EP 20837285 A 20200207