

Title (en)

WIRELESS SENSOR NETWORKS INSTALLATION, DEPLOYMENT, MAINTENANCE, AND OPERATION

Title (de)

DRAHTLOSE SENSORNETZWERKINSTALLATION, ANWENDUNG, WARTUNG UND BETRIEB

Title (fr)

INSTALLATION, DÉPLOIEMENT, MAINTENANCE ET FONCTIONNEMENT DE RÉSEAUX DE CAPTEURS SANS FIL

Publication

**EP 3959539 A1 20220302 (EN)**

Application

**EP 20794790 A 20200424**

Priority

- US 201962838940 P 20190425
- US 201962846384 P 20190510
- US 201962851231 P 20190522
- US 2020029859 W 20200424

Abstract (en)

[origin: WO2020219910A1] The present disclosure relates to wireless sensor networks installation, deployment, maintenance, and operation. A distributed network of wireless tags (12) enable a wide variety of different indoor and outdoor applications to be implemented, including asset finding, workflow automation, and internet-of-things applications. The physical premises environment (10) may be any location in which there are persons, places or things to be monitored, tracked, sensed, or inventoried, or other defined space. The distributed network of wireless tags (12) is associated with a wireless client device (14) that enables a customer to configure and retrieve status data, event data, and sensor data from wireless tags (12) and other components in the physical premises environment (10). Embodiments utilize different types of network nodes to collect data from the physical premises environment (10). Examples of the types of data that may be collected by the wireless tags include asset status information, event data, and sensor data.

IPC 8 full level

**G01S 13/75** (2006.01); **G06K 7/00** (2006.01)

CPC (source: EP)

**G01S 13/751** (2013.01); **G06Q 10/20** (2013.01); **H04L 41/0806** (2013.01); **H04L 41/0869** (2013.01); **H04L 41/24** (2013.01); **H04W 4/02** (2013.01); **H04W 4/38** (2018.01); **H04W 4/80** (2018.01); **H04W 8/005** (2013.01); **H04W 16/20** (2013.01); **H04W 24/02** (2013.01); **H04L 41/12** (2013.01); **H04L 41/22** (2013.01); **H04L 67/12** (2013.01); **H04L 67/52** (2022.05); **H04W 84/18** (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 2020219910 A1 20201029**; AU 2020262428 A1 20211125; CA 3134954 A1 20201029; EP 3959539 A1 20220302; EP 3959539 A4 20230419; SG 11202111775S A 20211129

DOCDB simple family (application)

**US 2020029859 W 20200424**; AU 2020262428 A 20200424; CA 3134954 A 20200424; EP 20794790 A 20200424; SG 11202111775S A 20200424