

Title (en)

HIERARCHICAL COMBINATION OF DISTRIBUTED STATISTICS IN A MONITORING NETWORK

Title (de)

HIERARCHISCHE KOMBINATION VON VERTEILTEN STATISTIKEN IN EINEM ÜBERWACHUNGSNETZWERK

Title (fr)

COMBINAISON HIÉRARCHIQUE DE STATISTIQUES DISTRIBUÉES DANS UN RÉSEAU DE SURVEILLANCE

Publication

EP 3824420 A4 20220330 (EN)

Application

EP 19837758 A 20190718

Priority

- US 201862701608 P 20180720
- US 201862764839 P 20180816
- US 2019042488 W 20190718

Abstract (en)

[origin: WO2020018849A1] Methods, systems, and computer program products for creating a monitoring network are described. A server (404) associates a master wireless node with a package in a first set of associated packages. The server (404) and the master wireless node communicate with one another over first type of wireless communications interface. The server (404) also associates a peripheral wireless node with another package in the set and with the master node (424, 426, 428). The peripheral wireless node and the master wireless node communicate with one another over a second type of wireless communications interface. The peripheral node includes a sensor operative to generate sensor data by sensing an environmental condition. The master wireless node processes the sensor data to generate one or more package-level statistics of the processed sensor data.

IPC 8 full level

G06Q 10/08 (2012.01); **G06K 19/077** (2006.01); **H04L 65/40** (2022.01)

CPC (source: EP)

G06K 19/07718 (2013.01); **G06K 19/0776** (2013.01); **G06Q 10/08** (2013.01); **G06Q 10/0833** (2013.01); **H04W 4/80** (2018.02)

Citation (search report)

[A] US 2011139871 A1 20110616 - YTURRALDE MARK [US], et al

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 2020018849 A1 20200123; AU 2019308300 A1 20210318; AU 2019308300 B2 20231214; EP 3824420 A1 20210526; EP 3824420 A4 20220330; SG 11202100599V A 20210225

DOCDB simple family (application)

US 2019042488 W 20190718; AU 2019308300 A 20190718; EP 19837758 A 20190718; SG 11202100599V A 20190718