Title (en)

MOTION DETECTION FOR PASSIVE INDOOR POSITIONING SYSTEM

Title (de)

BEWEGUNGSDETEKTION FÜR PASSIVES INNENRAUMPOSITIONIERUNGSSYSTEM

Title (fr)

DÉTECTION DE MOUVEMENT DE SYSTÈME DE POSITIONNEMENT INTÉRIEUR PASSIF

Publication

EP 3837566 A1 20210623 (EN)

Application

EP 19759106 A 20190802

Priority

- US 201816103781 A 20180814
- US 201916427273 A 20190530
- US 2019044969 W 20190802

Abstract (en)

[origin: WO2020036756A1] An enterprise system configures access point devices at an enterprise location to communicate with a location determination system (140). The location determination system receives wireless signal attributes of user computing devices (110) broadcasting Wi-Fi signal data at the enterprise location from one or more access point devices (130). For a particular time window, the location determination system determines aggregated features of received wireless signal data across all access point devices, and classifies each of the user computing devices as moving or stationary by applying the wireless signal data to a model. For each of the user computing devices determined to be moving, the location determination system calculates a respective position of the user computing device based on the wireless signal data. For each of the user computing devices determined to be stationary, the location determination system does not calculate a respective position of the respective user computing device.

IPC 8 full level

G01S 5/14 (2006.01); **G01S 5/00** (2006.01)

CPC (source: EP)

G01S 5/14 (2013.01); G01S 5/0018 (2013.01)

Citation (search report)

See references of WO 2020036756A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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