Title (en)

SYSTEMS AND METHODS FOR MONITORING AND TRACKING

Title (de)

SYSTEME UND VERFAHREN ZUM ÜBERWACHEN UND VERFOLGEN

Title (fr)

SYSTEMES ET PROCEDES PERMETTANT DE SURVEILLER ET DE SUIVRE

Publication

EP 1330802 A4 20041215 (EN)

Application

EP 01987397 A 20011029

Priority

- US 0148539 W 20011029
- US 24391500 P 20001027
- US 25034700 P 20001130
- US 81347701 A 20010321
- US 82055101 A 20010329

Abstract (en)

[origin: WO0244865A2] The present invention generally relates to systems, methods and applications utilizing the convergence of any combination of the following three technologies: wireless positioning or localizing technology, wireless communications technology and sensor technology. In particular, certain embodiments of the present invention relate to a remote device that includes a sensor for determining or measuring a desired parameter, a receiver for receiving position data from the Global Positioning System (GPS) satellite system, a processor for determining whether or not alert conditions are present and a wireless transceiver for transmitting the measured parameter data and the position data to a central station, such as an application service provider (ASP). The ASP, in turn, may communicate the measured data, position data and notification of any alerts to an end user via an alert device. The present invention also relates to various applications and systems utilizing the capabilities of such a device.

IPC 1-7

G08B 23/00

IPC 8 full level

G08B 25/00 (2006.01); **A61B 5/00** (2006.01); **A61B 5/11** (2006.01); **G08B 25/08** (2006.01); **G08B 25/10** (2006.01); **H01M 10/42** (2006.01); **H01M 10/46** (2006.01); **H04W 64/00** (2009.01); H01M 10/44 (2006.01); H01M 16/00 (2006.01)

CPC (source: EP KR)

A61B 5/0022 (2013.01 - EP); **A61B 5/1112** (2013.01 - EP); **A61B 5/1117** (2013.01 - EP); **A61B 5/411** (2013.01 - EP); **A61B 5/4809** (2013.01 - EP); **A61B 5/681** (2013.01 - EP); **G01S 17/06** (2013.01 - KR); **G08B 25/005** (2013.01 - EP); **G16H 40/67** (2017.12 - EP); **H01M 10/42** (2013.01 - EP); **H01M 10/465** (2013.01 - EP); A61B 5/14532 (2013.01 - EP); A61B 5/486 (2013.01 - EP); A61B 5/746 (2013.01 - EP); A61B 2560/0214 (2013.01 - EP); A61B 2560/0242 (2013.01 - EP); A61B 2562/08 (2013.01 - EP); H01M 10/44 (2013.01 - EP); H01M 10/46 (2013.01 - EP); H01M 16/00 (2013.01 - EP); Y02E 60/10 (2013.01 - EP)

Citation (search report)

- [A] US 6078804 A 20000620 - ALPEROVICH VLADIMIR [US], et al
- [A] US 4369426 A 19830118 - MERKEL WOLFGANG [DE]
- See references of WO 0244865A2

Cited by

US2013110300A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0244865 A2 20020606; **WO 0244865 A3 20021024**; **WO 0244865 A9 20030424**; AU 3961802 A 20020611; BR 0107583 A 20021231; CA 2426555 A1 20020606; CN 1630994 A 20050622; EP 1330802 A2 20030730; EP 1330802 A4 20041215; JP 2004515000 A 20040520; KR 20020072562 A 20020916

DOCDB simple family (application)

US 0148539 W 20011029; AU 3961802 A 20011029; BR 0107583 A 20011029; CA 2426555 A 20011029; CN 01804158 A 20011029; EP 01987397 A 20011029; JP 2002546965 A 20011029; KR 20027008402 A 20020627