

Title (en)

PERSONNEL AND RESOURCE TRACKING METHOD AND SYSTEM FOR ENCLOSED SPACES

Title (de)

PERSONAL- UND BETRIEBSMITTELVERFOLGUNGSVERFAHREN UND SYSTEM FÜR GESCHLOSSENE RÄUME

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE REPERER DES PERSONNES OU DES RESSOURCES DANS DES ESPACES CLOS

Publication

EP 1346332 A4 20040421 (EN)

Application

EP 01993167 A 20011121

Priority

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- US 25259900 P 20001122

Abstract (en)

[origin: WO02056274A1] A system for tracking persons (25) or things. One or more tracking units (100) are associated with persons or things to be tracked. Each tracking unit includes one or more accelerometers and one or more gyroscopes to provide distance and heading or directional information. A master control station (MCS, 200) receives the distance and heading information or location information based thereon. MCS (200) may also display for displaying the location of at least one of the tracking units. The MCS programmed to determine the location based on: determination of a reference point and heading for the at least one tracking unit; data from the accelerometers and gyroscope, which provides distance and direction information; and aggregation of the distance and direction information.

IPC 1-7

G08B 23/00; **G08B 1/08**; **G08B 19/00**; **G08B 5/22**; **G08C 19/16**; **G08G 1/123**; **G01S 3/02**; **G01C 21/28**; **G08B 21/02**

IPC 8 full level

G08B 21/02 (2006.01); **G08G 1/123** (2006.01); **G08G 1/13** (2006.01)

CPC (source: EP KR)

G01C 21/28 (2013.01 - KR); **G08B 21/0211** (2013.01 - EP); **G08B 21/0222** (2013.01 - EP); **G08B 21/0227** (2013.01 - EP); **G08B 21/023** (2013.01 - EP); **G08B 21/0263** (2013.01 - EP); **G08B 21/028** (2013.01 - EP); **G08B 21/0283** (2013.01 - EP); **G08G 1/20** (2013.01 - EP)

Citation (search report)

- [DX] US 5652570 A 19970729 - LEPKOFKER ROBERT [US]
- See references of WO 02056274A1

Designated contracting state (EPC)

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WO 02056274 A1 20020718; **WO 02056274 A9 20030508**; BR 0115574 A 20030729; CA 2429573 A1 20020718; EP 1346332 A1 20030924; EP 1346332 A4 20040421; JP 2004518201 A 20040617; KR 20040018308 A 20040303; MX PA03004475 A 20040517

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