

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
18 July 2002 (18.07.2002)

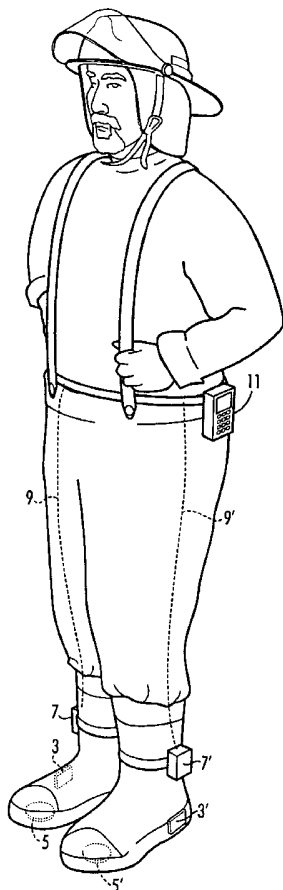
PCT

(10) International Publication Number  
**WO 02/055964 A3**

- (51) International Patent Classification<sup>7</sup>: **G01C 22/00**, 21/12
- (21) International Application Number: PCT/US02/00732
- (22) International Filing Date: 10 January 2002 (10.01.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
09/757,560 10 January 2001 (10.01.2001) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: DEAD RECKONING PEDOMETER



(57) Abstract: A system to determine the location of a person within a structure utilizes a magnetometer (7, 7'), magnets (3, 3'), pressure sensors (5, 5') and a CPU (11) to calculate the length and direction of each step. The data may be displayed to the wearer, preferably on a map or floor plan and may be broadcast to persons outside the structure.

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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,  
GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent  
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG).

**Published:**

— *with international search report*

**(88) Date of publication of the international search report:**

27 February 2003

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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## INTERNATIONAL SEARCH REPORT

Intel National Application No

PCT/US 02/00732

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01C22/00 G01C21/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 670 004 A (THOMSON CSF) 5 June 1992 (1992-06-05) abstract page 8, line 33 -page 9, line 10; figures ----	1,6
A	US 5 552 772 A (JANKY JAMES M ET AL) 3 September 1996 (1996-09-03) abstract -----	1,6
A	BE 891 575 A (CUVELIER M) 22 June 1982 (1982-06-22) page 3, line 16 - line 26 -----	1,6



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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\*P\* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

19 September 2002

Date of mailing of the international search report

26/09/2002

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/00732

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2670004	A	05-06-1992	FR 2670004 A1	05-06-1992
US 5552772	A	03-09-1996	NONE	
BE 891575	A	22-06-1982	BE 891575 A4	22-06-1982