(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **24.10.2001 Bulletin 2001/43**

(51) Int Cl.7: **G08G 1/127**, G08G 9/00

(11)

- (43) Date of publication A2: **08.03.2000 Bulletin 2000/10**
- (21) Application number: 99202906.6
- (22) Date of filing: 06.09.1999
- (84) Designated Contracting States:

 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

 MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

- (30) Priority: 04.09.1998 NL 1010007
- (71) Applicant: N.V. Nederlandsche Apparatenfabriek NEDAP
 7141 DC Groenlo (NL)
- (72) Inventor: Hogen Esch, Johannes Harm Lukas 7122 ZN Aalten (NL)
- (74) Representative: Ottevangers, Sietse Ulbe et al Vereenigde,
 Postbus 87930
 2508 DH Den Haag (NL)

(54) Method for tracking and tracing goods

(57)A method for tracking and tracing goods having a communication set (Boxy) packed along with them, which communication set is capable of determining, on the basis of information obtained from public communication networks and information on the planned transportation route, whether a predetermined deviation from the planning is exceeded. An observed exceeding event is reported via the communication network to the central planning computer, which optionally sends back an alternative planning. The actual position of the goods is determined on the basis of transmitter identification codes of the communication network. The Boxies can communicate via a local communication channel to exchange data and to determine which Boxy is located in the most favorable position to take onto itself the reporting to the central planning computer.

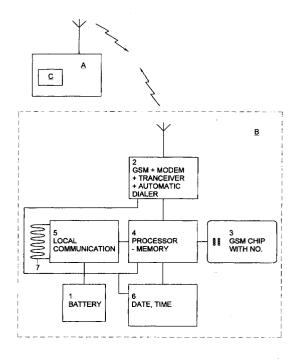


Fig. 1



EUROPEAN SEARCH REPORT

Application Number EP 99 20 2906

	DOCUMENTS CONSIDER Citation of document with indica	THE RESERVE OF THE PARTY OF THE	Relevant	CI ASSISION OF THE	
Category	of relevant passages		to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)	
X A	US 5 751 245 A (JANKY 12 May 1998 (1998-05- * column 7, line 21 -	2-14	G08G1/127 G08G9/00		
	* column 10, line 38 - 1-6 *	2 17			
A	WO 98 06227 A (HIGHWA 12 February 1998 (1998 * figures 1,5,6 *		1-14		
A	DE 195 04 733 A (SIEME 8 August 1996 (1996-08				
A	WO 97 17623 A (BORUND: LTD) 15 May 1997 (1997)				
A	EP 0 748 083 A (GEN EI 11 December 1996 (1996				
A	EP 0 748 080 A (GEN EI 11 December 1996 (1996		TECHNICAL FIELDS SEARCHED (Int.CI.7)		
Α	WO 96 16387 A (PEDERSE JOHN (DK); LOHMANN JEN 30 May 1996 (1996-05-3		dobd		
			. *		
	The present search report has been	drawn up for all claims			
25 - 10 - 10 27 - 22 - 24 - 24 - 25 - 25 - 26 - 26 - 26 - 26 - 26 - 26	Place of search	Date of completion of the search		Examiner	
77111777- 7766 - 4000 600 600 600 600 600 600	THE HAGUE	31 August 2001	Cré	chet, P	
X : partio Y : partio docur A : techr	TEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological background written disclosure		cument, but publis te in the application	shed on, ar	

EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 20 2906

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

31-08-2001

	Patent document cited in search report		Publication date	Patent family member(s)			Publication date
US	5751245	Α	12-05-1998	NON			
WO	9806227	A	12-02-1998	US AU BR CA	5826195 3825397 9711028 2262670	A A	20-10-199 25-02-199 11-01-200 12-02-199
DE	19504733	Α	08-08-1996	NON			
WO	9717623	Α	15-05-1997	AU	7058996	Α	15-05-199
EP	0748083	A	11-12-1996	US CA IL JP	5686888 / 2176879 / 118282 / 9120410 /	4 4	11-11-199 08-12-199 17-02-200 06-05-199
EP	0748080	A	11-12-1996	CA IL JP	2176868 / 118283 / 9166657 /	4	08-12-199 29-06-200 24-06-199
WO	9616387	A	30-05-1996	AP AUU BBCCCCDDE EFGHUPOZLTIKS UPPSSUS	668 / 190747 / 692327 3978195 / 101560 / 9509813 / 2205834 / 1170470 / 9701552 / 69515688 793838 / 793838 / 2143661 972166 / 3033485 77623 / 10509259 972308 / 296069 / 320334 / 793838 79388 79388 79388 79388 79388 7	T	03-09-1998 15-04-2000 04-06-1998 17-06-1998 30-12-1997 03-11-1998 14-01-1998 15-10-1997 20-04-2000 23-11-2000 21-07-1997 29-09-1998 08-09-1998 09-07-1997 26-02-1998 29-06-1998 29-09-1997 30-06-2006 31-08-2006 05-11-1998

 $\stackrel{Q}{\mbox{\tiny L}}$ For more details about this annex : see Official Journal of the European Patent Office, No. 12/82