

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 14.11.2001 Bulletin 2001/46	(51) Int Cl.7: G08G 1/017
(43) Date of publication A2: 14.02.2001 Bulletin 2001/07	
(21) Application number: 00660137.1	
(22) Date of filing: 11.08.2000	
(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	(72) Inventors: • Asikainen, Pentti Sauli 35800 Mänttä (FI) • Verho, Jukka Olavi 00810 Helsinki (FI)
(30) Priority: 11.08.1999 FI 991702	(74) Representative: Kupiainen, Juhani Kalervo Berggren Oy Ab P.O. Box 16 00101 Helsinki (FI)
(71) Applicant: Pivotex OY 02160 Espoo (FI)	

(54)

Method and arrangement for communicating vehicle data

(57) The invention relates to a communication method and an arrangement for communicating vehicular driving data. More specifically, the invention relates to a communication method and an arrangement for communicating vehicular weight measurements and other driving data. The present inventive method and arrangement enables the transfer of weighing data from a weighing system to an on-board computer without stops. A document regarding the weighing may be composed in the weighing system or in the on-board computer. The invention is preferably applicable to vehicular control weighings as well as to commercial weighings e.g. within factory areas, in road traffic, and in railway yards.

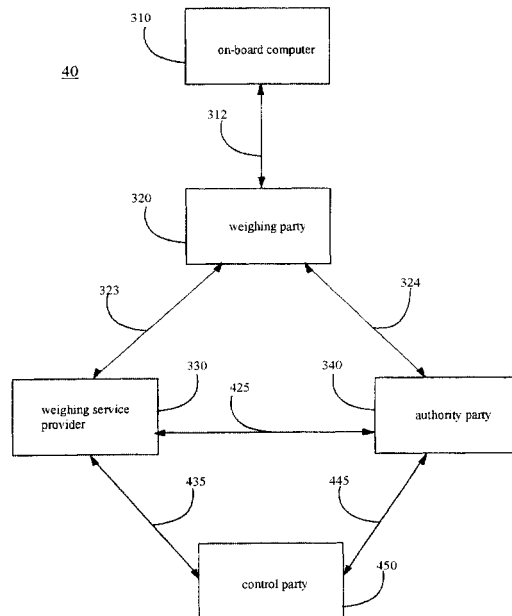


FIG. 4



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 00 66 0137

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 196 846 A (HRYCIUK MICHAEL L ET AL) 23 March 1993 (1993-03-23) * column 2, line 14 - line 30 * * column 2, line 45 - line 68 * * column 4, line 38 - line 62 * * column 14, line 30 - line 42 * * column 16, line 1 - line 14 * ---	1,2,5,6, 10-12,15	G08G1/017
A	EP 0 766 215 A (TEXAS INSTRUMENTS INC) 2 April 1997 (1997-04-02) * page 20, line 1 - line 12 * ---	1-18	
A	DE 37 29 941 A (DOPP HANS JOACHIM) 23 March 1989 (1989-03-23) * column 8, line 63 - column 9, line 17 * ---	1-18	
A	GB 2 158 598 A (SHERING & COMPANY LIMITED E) 13 November 1985 (1985-11-13) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G08G G01G G01C
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>20 September 2001</b>	Examiner <b>Créchet, P</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P04C01)

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

EP 00 66 0137

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.

20-09-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5196846	A	23-03-1993	US 4937581 A	26-06-1990
			US 5164732 A	17-11-1992
			AU 8186191 A	07-01-1992
			DE 69126100 D1	19-06-1997
			DE 69126100 T2	11-09-1997
			EP 0487708 A1	03-06-1992
			PT 98012 A	31-08-1993
			WO 9120067 A1	26-12-1991
			AU 541815 B2	24-01-1985
			AU 6723781 A	20-08-1981
			CA 1165427 A1	10-04-1984
			NZ 196256 A	09-11-1984
			US 4870419 A	26-09-1989
			US 5132687 A	21-07-1992
			ZA 8100888 A	31-03-1982
			US 5192954 A	09-03-1993
			AT 155914 T	15-08-1997
			AU 652137 B2	18-08-1994
			AU 6890991 A	26-06-1991
			AU 680307 B2	24-07-1997
			AU 7890594 A	02-02-1995
			WO 9108557 A2	13-06-1991
			DE 69031128 D1	04-09-1997
			DE 69031128 T2	15-01-1998
			EP 0504188 A1	23-09-1992
			IE 904337 A1	05-06-1991
			PT 96095 A ,B	30-09-1992
			AU 587207 B2	10-08-1989
			AU 4878285 A	30-04-1987
			CA 1248613 A1	10-01-1989
			DE 3588135 D1	30-01-1997
			DE 3588135 T2	17-07-1997
			EP 0178924 A2	23-04-1986
			IN 165970 A1	17-02-1990
			ZA 8507953 A	27-05-1987
EP 0766215	A	02-04-1997	EP 0766215 A1	02-04-1997
DE 3729941	A	23-03-1989	DE 3729941 A1	23-03-1989
GB 2158598	A	13-11-1985	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82