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- (54) System enabling transfer of mileage and other vehicle data as registered, processed and stored by the system, to telecommunications and data networks outside the vehicle
- (57) System to be used in wheeled vehicles, for registration, processing and storage of data with respect to trips of the vehicle, comprising means for data transfer between the system according to the present invention and suitable electronic devices in said vehicle or in the proximity of said vehicle, characterised by the fact that

the system according to the present invention comprises means to control at least one other electronic device in such manner that through said electronic device, trip data as registered, processed and stored by the system according to the present invention, is transferred to one or more telecommunications and/or datanetworks outside the vehicle.

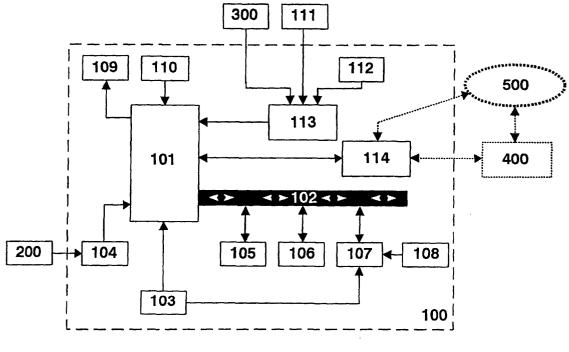


Fig. 1



EUROPEAN SEARCH REPORT

Application Number EP 01 20 4375

Category	Citation of document with indic of relevant passage	Releva to clain		
X	GB 2 345 824 A (MINOR 19 July 2000 (2000-07 * abstract; claims; f * page 3, line 8 - pa * page 6, line 21 - p * page 12, line 4 - p * page 16, line 14 -	-19) igures * .ge 5, line 27 * .age 9, line 10 * .age 13, line 2 *	1-5, 20-23	G07C5/08 G07C5/00
Υ	-		6-8, 10-14, 16,17,	
X	US 5 550 738 A (BAILE 27 August 1996 (1996-	08-27)	1,2,15 17,18, 21,22	
	* abstract; figures * * column 1, line 49 - * column 3, line 6 - * column 5, line 41 -	column 2, line 54 \star column 4, line 54 \star		
Y			8,10-1	13
X	GB 2 317 791 A (MINOR 1 April 1998 (1998-04 * abstract; claims; f	-01)	1-5	TECHNICAL FIELDS SEARCHED (Int.CI.7)
	* page 6, line 1 - pa			G08G G01C
Х	US 6 088 636 A (CHIGU 11 July 2000 (2000-07		1,2,4, 7,15,2 21	5,
	<pre>* abstract; figures * * column 1, line 52 - * column 3, line 16 -</pre>	column 2, line 67 *		
Α	_		3,6,8	
Х	US 4 188 618 A (WEISE 12 February 1980 (198 * abstract; claims; f	0-02-12)	1,2	
		-/		
	The present search report has bee	en drawn up for all claims	_	
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	6 November 2003	M	Meyl, D
X : part Y : part doci	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another ument of the same category inological background	T : theory or princi E : earlier patent o after the filing o D : document cited L : document cited	focument, but plated in the application of the application of the reas	published on, or ution
O: non	-written disclosure rmediate document			amily, corresponding



EUROPEAN SEARCH REPORT

Application Number EP 01 20 4375

Category	Citation of document with it of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Y	US 5 652 707 A (WOR 29 July 1997 (1997- * abstract; claims; * column 2, line 46	07-29)	6,7		
'	WO 00 56105 A (SONE ;VATANEN HARRI (GB) 21 September 2000 (* abstract; figures * page 3, line 25 - * page 6, line 8 -) 2000-09-21) * page 4, line 20 *	14,17,19		
<i>(</i>	EP 0 838 361 A (PEU 29 April 1998 (1998 * abstract; claims;		16		
A	DE 196 25 002 A (DA 2 January 1998 (199				
			-	TECHNICAL FIELDS SEARCHED (Int.Cl.7)	
	The present search report has	been drawn up for all claims			
	Place of search THE HAGUE	Date of completion of the sea	l	Examiner D	
X : part Y : part	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotument of the same category	T : theory or E : earlier pai after the fi her D : documen	principle underlying the intent document, but publish	vention	

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

EP 01 20 4375

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.

06-11-2003

	Patent docume cited in search re		Publication date		Patent fam member(Publication date
GB	2345824	Α	19-07-2000	NONE			
US	5550738	A	27-08-1996	NONE			
GB	2317791	A	01-04-1998	GB	2318008	Α	08-04-1998
				ΑT	191981	T	15-05-2000
				ΑT	193955	T	15-06-2000
				ΑU	712097	B2	28-10-1999
				ΑU	4308997	Α	02-04-1998
				ΑU	713178		25-11-1999
				ΑU	4309197	Α	02-04-1998
				DE	69701747		25-05-2000
				DE	69701747		31-08-2000
				DE	69702319		20-07-2000
				DE	69702319		30-11-2000
				EP	0929876		21-07-1999
				EP	0925566		30-06-1999
				WO	9811513		19-03-1998
				WO	9811522		19-03-1998
				GB	2318940		06-05-1998
				NZ	334375		29-06-1999
				NZ US	334376 6285953		30-08-1999 04-09-200
				US	6278921		21-08-200
				US	2001047244		29-11-200
				US	2002019689		14-02-200
us	6088636	Α	11-07-2000	NONE			
 US	4188618	Α	12-02-1980	US	3835382	Α	10-09-1974
				CA	1101552	A1	19-05-1981
				DE	2715527	A1	24-11-197
				US	3950700	A	13-04-1976
US	5652707	Α	29-07-1997	US	5519621		21-05-1996
				US	5513111		30-04-1996
				US	5398190		14-03-199
				US	5299132		29-03-1994
				US	5155689		13-10-1992
				US	5884221		16-03-1999
				US	6148202		14-11-2000
				US	5832394		03-11-1998
				US	6009330		28-12-1999
				US	5734981	A T	31-03-1998
			e Official Journal of the f	A I	19259/	T	15-05-2000
				ΑI	22/0/2	I	15-11-2002

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

EP 01 20 4375

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.

06-11-2003

Patent document cited in search report		Publication date		Patent family member(s)		Publication date	
US !	5652707	A		DE	69132158	D1	08-06-2000
				DE			19-12-2002
				EΡ	0501058	A2	02-09-1992
				EP	0744727	A2	27-11-1996
				NO	912516	A ,B,	20-01-1992
_				NO	963257	Α	20-01-1992
WO	0056105	Α	21-09-2000	AU	3436900	Α	04-10-2000
				CA	2368054		21-09-2000
				EP	1159843		05-12-2001
				WO	0056105		21-09-2000
				US	2002172190	A1	21-11-2002
EP (0838361	Α	29-04-1998	FR	2754772	A1	24-04-1998
				DE	69705479	D1	09-08-2001
				DE		T2	16-05-2002
				EP	0838361		29-04-1998
		·		ES 	2160908 	T3 	16-11-2001
DE :	19625002	Α	02-01-1998	DE	19625002	A1	02-01-1998
				ΑT	225067	T	15-10-2002
				DE		D1	31-10-2002
				EP	0814447		29-12-1997
				JP	3319983		03-09-2002
				JP		A	16-06-1998
				US	6023232	A	08-02-2000

FORM P0459

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