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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 January 2009 (15.01.2009)

PCT

(10) International Publication Number
WO 2009/009202 A3

(51) International Patent Classification:
G06F 7/00 (2006.01)

(21) International Application Number:
PCT/US2008/061018

(22) International Filing Date: 21 April 2008 (21.04.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/912,895 21 April 2007 (21.04.2007) US

(71) Applicant *(for all designated States except US)*: **SYNECTICS SYSTEMS GROUP LIMITED** [GB/GB]; 3-4 Broadfield Close, Sheffield, South Yorkshire Surrey S80XN (GB).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **AKHAN, Mehmet Bilgay** [GB/US]; 4180 Via Real, Suite A, Carpinteria, California 93013 (US).

(74) Agent: **SAWYER, Joseph, A., Jr.**; Sawyer Law Group LLP, 2465 E. Bayshore Drive, Suite No. 406, Palo Alto, California 94303 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
26 February 2009

(54) Title: SYSTEM AND METHOD FOR RECORDING ENVIRONMENTAL DATA IN VEHICLES

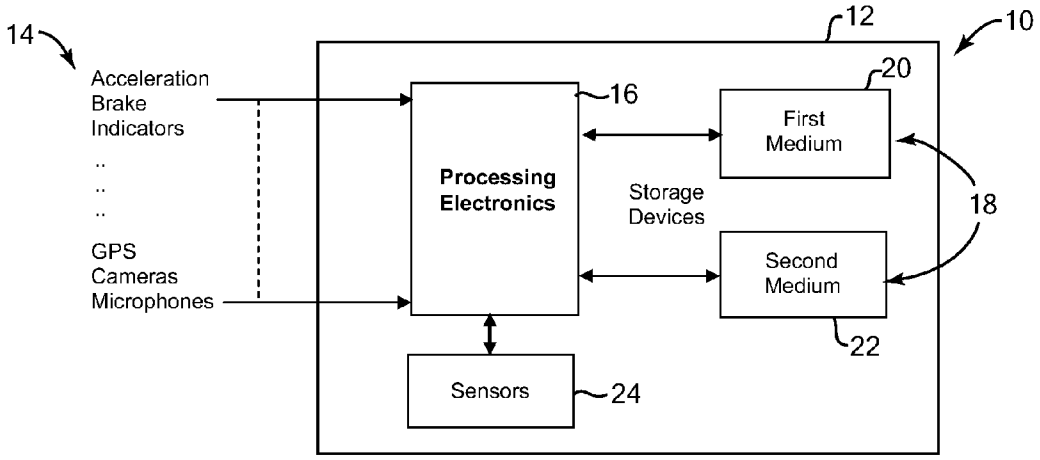


FIG. 1

(57) Abstract: System and method for recording environmental accident data in vehicles. In one aspect, environmental data is received at inputs to a recorder device from a plurality of data sources in the vehicle. The environmental data is processed and indexed for recording onto a plurality of storage media. The environmental data is recorded onto the plurality of storage media such that each one of the storage media stores a same copy of at least a portion of the environmental data, wherein the environmental data is recorded before and after the accident of the vehicle.

WO 2009/009202 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 08/61018

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06F 7/00 (2008.04)
USPC - 701/35
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 (8) - G06F 7/00 (2008.04)
USPC- 701/35

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC- 701/1, 29, 35 (See Keywords Below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Pub WEST (USPT, PGPB, JPAB, EPAB), Google Scholar
Search Terms Used: video storage, vehicle accident, recording data, video, hash, encrypting hash, access data, authenticate, storage RFID, beacon, fire proof

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ------ Y	US 2003/0154009 A1 (BASIR et al.), 14 August 2003 (14.08.2003), entire document, especially Abstract; para [0011]-[0013]; [0027]-[0030] and [0043]-[0046].	1-7, 9 and 15-18 ---------- 8,10-14 and 19-22
Y	US 6,490,513 B1 (FISH et al.), 03 December 2002 (03.12.2002), entire document, especially col 2, ln 16-42; col 5, ln 13-25; col 11, ln 8 to col 12, ln 20	8 and 10
Y	US 2005/0187677 A1 (WALKER), 25 August 2005 (25.08.2005), entire document, especially para [0387]; [0444]-[0448]; [0587]-[0590]; [0678]-[0681]; [0738]-[0741] and [0768]-[0762].	11-14 and 19-22
A	US 6,141,611 A (MACKEY et al.), 31 October 2000 (31.10.2000), entire document.	1-22
A	US 6,850,843 B2 (SMITH et al.), 01 February 2005 (01.02.2005), entire document.	1-22

☐ Further documents are listed in the continuation of Box C. ☐

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
02 December 2008 (02.12.2008)	17 DEC 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774