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(54) **Title:** DELIVERY OF ALARM SYSTEM EVENT DATA AND AUDIO

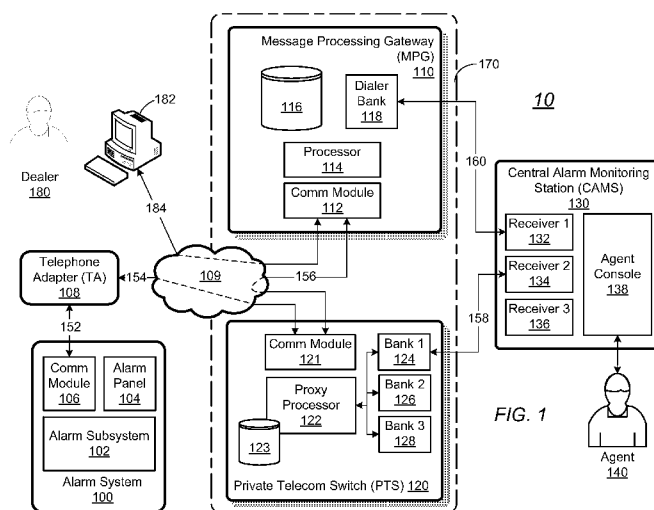


FIG. 1

(57) **Abstract:** Delivery of alarm system event data and audio. In certain aspects, a method for delivery of alarm system event data is described, including communicating alarm event data from an alarm system to a private telecommunications switch. In turn, the alarm event data may be communicated to a message processing gateway. The message processing gateway evaluates service parameters of the alarm system and, in certain cases, instructs the private telecommunications switch to contact a central alarm monitoring station if certain service parameters are met. In additional aspects, private telecommunications switch opens a voice channel between the private telecommunications switch and the central alarm monitoring station and communicates the alarm event data. Additionally, in response to a determination that a voice channel between the private telecommunications switch and the central alarm monitoring station remains open, the private telecommunications switch may also bridge the voice channel to the alarm system.



## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2012/032048****A. CLASSIFICATION OF SUBJECT MATTER****H04M 11/06(2006.01)i, H04M 3/42(2006.01)i**

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)

H04M 11/06; H04Q 7/00; H04M 11/04; H04W 4/00; G08B 19/02

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: alarm, monitoring, PSTN voice channel, open, remain, bridging

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004-0086093 A1 (PAUL STEVEN SCHRANZ) 06 May 2004 See abstract;paragraphs [0001]-[0067];claims 1-14;figures 1-6.	1-28
A	US 6215404 B1 (FERNANDO MORALES) 10 April 2001 See abstract;column 1, line 5-column 4, line 67;claims 1-7;figures 1-2.	1-28
A	US 2011-0065414 A1 (STEPHAN FRENETTE et al.) 17 March 2011 See abstract;paragraphs [0001]-[0031];claims 1-11;figures 1-3.	1-28
A	US 2010-0007488 A1 (RAMAN KUMAR SHARMA et al.) 14 January 2010 See abstract;paragraphs [0001]-[0038];claims 1-10;figures 1-4.	1-28

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"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

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"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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004-0086093 A1	06.05.2004	None	
US 6215404 B1	10.04.2001	None	
US 2011-0065414 A1	17.03.2011	None	
US 2010-0007488 A1	14.01.2010	CA 2730188 A1	21.01.2010
		US 8207845 B2	26.06.2012
		WO 2010-006418 A1	21.01.2010