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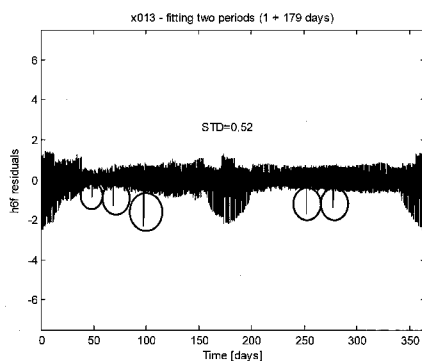


Fig. 34

(57) Abstract: A computerized system for monitoring physical data for anomalies, which physical data are predictable given predetermined information, the system comprising a predetermined information data point generator operative to compute a sequence of model data points which the physical data, given predetermined information, can be expected to duplicate at each of a corresponding sequence of temporal sampling points; a wayward point monitor including a processor operative for monitoring the physical data including identifying wayward points within said physical data that are incongruous with the predetermined information; and an anomalous episode-prompted alarm generator operative for identifying anomalous episodes, each including a cluster of wayward points satisfying predefined anomalous episode-defining criteria and generating an alarm for each anomalous episode identified.

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G01C 21/34 (2012.01) USPC - 701/400 According to International Patent Classification (IPC) or to both national classification and IPC		
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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 2007/0276270 A1 (TRAN) 29 November 2007 (29.11.2007) entire document, especially Abstract; para [0032], [0033], [0058], [0061], [0064], [0067], [0086], [0103], [0126], [0180], [0181], [0192], [0193], [0195], [0201], [0204], [0217], [0237], [0242], [0254], [0256], [0257], [0260], [0263], [0268], [0274], [0281], [0282], [0304], [0324], [0344], [0375], [0404], [0408], [0418], [0443]	1-7, 11, 13, 14, 16-24, 26-32, 34, 40-43 ----- 8-10, 12, 15, 25, 33, 35-39, 44
Y	US 2005/0186933 A1 (TRANS) 25 August 2005 (25.08.2005) entire document, especially Abstract; para [0013], [0374], [0455], [0482], [0524], [0633]	8-10, 25, 33
Y	US 2009/0078875 A1 (ROUSSO et al.) 26 March 2009 (26.03.2009) entire document, especially Abstract; para [0023], [1213]	12
Y	US 2003/0191568 A1 (BREED) 09 October 2003 (09.10.2003) entire document, especially Abstract; para [0085], [0185]	15
Y	US 2009/0312998 A1 (BERCKMANS et al.) 17 December 2009 (17.12.2009) entire document, especially Abstract; para [0030], [0235], [0255], [0354], [0363], [0371], [0384], [0389]	35-39, 44
A	US 2005/0192727 A1 (SHOSTAK et al.) 01 September 2005 (01.09.2005) entire document	1 - 44
A	US 2008/0091309 A1 (WALKER) 17 April 2008 (17.04.2008) entire document	1 - 44
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