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(54) Title: PROCESS EQUIPMENT MONITORING

(57) Abstract: A system and method for monitoring process equipment includes collecting information from the process equipment. The collected information is statistically analyzed. One or more signatures indicating the overall status or health of one or more pieces of equipment can be developed.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: G06F 19/00(2006.01); G21C 17/00(2006.01)

   USPC: 702/179,182; 705/8,9; 700/95,108
   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)
   U.S.: 702/179,182; 705/8,9; 700/95,108

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

   Electronic database consulted during the international search (name of database and, where practicable, search terms used)
   EAST; search terms: signature, transmit, control, status, monitor, SPE, graphic, display

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 6,625,511 B1 (SUZUKI et al) 23 September 2003 (23.05.03)</td>
<td>30</td>
</tr>
</tbody>
</table>

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

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