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(54) Title: ASSET MANAGEMENT KEY PERFORMANCE INDICATORS AND BENCHMARKING

(57) Abstract: Monitoring asset performance to identify key performance indicators (KPIs) is described. A method is described including receiving a set of asset performance information relating to at least one target asset associated with a company, calculating a KPI in view of the set of asset performance information, determining a cost benefit measurement based on the calculated KPI, and generating a report including at least one of the KPI or the cost benefit measurement. Additionally, the calculated KPI and/or cost benefit measurements may be used to perform intra-company comparisons and inter-company comparisons.
Date of publication of the international search report:
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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06F 15/18, 17/30; G06Q 10/04 (2013.01)
USPC - 702/182; 705/7.38, 7.39
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)
USPC Classifications: 702/182, 186; 705/7.38, 7.39
IPC(8) Classifications: G06F 15/18, 17/30; G06Q 10/04 (2013.01)

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

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

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>
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<tr>
<td>X</td>
<td>US 2011/0022359 A1 (THORAT, N et al.) January 27, 2011; abstract: figures 1-6; paragraphs [0003], [0004], [0007], [0016], [0018], [0026], [0029], [0032], [0033], [0035], [0037], [0040], [0044], [0053], [00566058], [0068], [0069]; claims 1, 3</td>
<td>1, 11, 12, 14, 16, 17, 19, 20</td>
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<td>Y</td>
<td>US 7937280 B1 (LEUNG, H et al.) May 3, 2011; column 6, lines 5-13, 18-39</td>
<td>2-10, 13, 15, 18, 21-24</td>
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<td>Y</td>
<td>US 2010/0299172 A1 (NOTTOLLI T et al.) November 25, 2010; figures 5, 11C, 11D, 19, 24; paragraphs [0054], [0064], [0065], [0068], [0079], [0084]</td>
<td>4, 5</td>
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<tr>
<td>Y</td>
<td>US 6356875 B1 (GREEN, J et al.) March 12, 2002; column 9, lines 10-23</td>
<td>6</td>
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<td>Y</td>
<td>US 7363193 B2 (JACOBS, J et al.) April 22, 2008; abstract; column 2, lines 5-28</td>
<td>9, 15, 18</td>
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<tr>
<td>Y</td>
<td>US 2012/0101953 A1 (JAMES, N et al.) April 26, 2012; figure 4; paragraphs [0201]-[0208]</td>
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<td>Y</td>
<td>US 7783547 B1 (GORER, R) August 24, 2010; column 8, lines 24-30</td>
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<td>Y</td>
<td>US 7987262 B2 (TUNG, T et al.) July 26, 2011; figure 3; column 6, lines 49-63; column 11, lines 17-32</td>
<td>21-24</td>
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Further documents are listed in the continuation of Box C.

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