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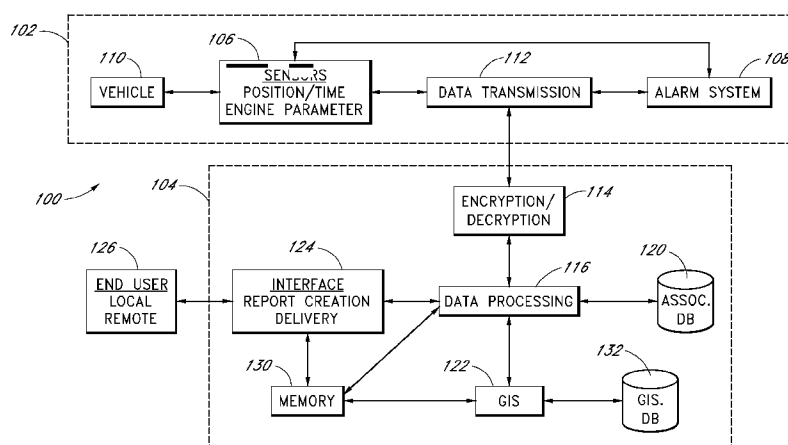
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(57) Abstract: Embodiments of the present disclosure provide systems and methods for assessing the productivity of workers employing vehicles at worksites. Devices are provided for characterizing vehicle usage into a variety of vehicle status categories. The time spent by the vehicle in the various status categories may be compared against relevant standards in order to provide useful measures of the vehicle's productivity. This productivity information may be further provided to a interface device on a continuous or periodic basis so as to allow the operator, construction managers and clients to easily access the information. These measures of productivity may be further combined with geographical information systems (GIS) in order to provide reports of productivity having a geographical context which yield further insights. From this information, appropriate incentives and sanctions may be provided to vehicle operators in order to reward or change behaviors, helping to maintain and enhance productivity.

INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER IPC G06F 17 / 00;G08G 1/ 123 USPC 7c1/24,30,35,43,2 13,207,340/439,438,576 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 701 / 24, 30, 35, 43, 2 13, 207, 340 / 439, 438, 576 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 data base and, where practicable, search terms used) EAST	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category •	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No
Y	US 2001/0018628A1 (Jenkins et al)30 August 2001 (30 08 2001), [0033-0036], [0045-0053], [0070-0074] 1-4, 6-12, 14-15, 19-21, 23
Y	US 2005/0171692A1 (Hamblen et al) 04 August 2005 (04 08 2005), [0006-0009], [0096-0122], [0126-0145], [01 71] 1,5,1 3-14, 16-18, 22, 24-25
A	US 5,499,182 (Ousborne) 12 March 1996 (12 03 1996) 1-25
A	US 6,421,586 B1 (Nicotera) 16 July 2002 (16 07 2002) 1-25
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