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(54) Title: EMISSION MANAGEMENT FOR A HYBRID LOCOMOTIVE

(57) Abstract: A locomotive is provided that includes: a receiver operable to receiving a locating signal, the locating signal indicating a current spatial location of a selected locomotive and a processor operable to (a) determine that the selected locomotive has entered, is entering, and/or is about to enter a spatial zone having at least one controlled parameter, the controlled parameter being at least one of a fuel combustion emissions level and a noise level and (b) configure the operation of the selected locomotive to comply with the controlled parameter.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : B60L 11/02
   US CL : 701/19, 25, 82, 102, 115, 123; 180/65.2
   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. : 701/19, 25, 82, 102, 115, 123; 180/65.2

   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)

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>X</td>
<td>US 5,998,880 A (KUMAR et al) 07 December 1999 (07.12.1999), column 4, line 49-column 9, line 9</td>
<td>1-3, 9, 11, 14-16, 22, and 24</td>
</tr>
<tr>
<td>X,E</td>
<td>US 6,885,920 B2 (YAKES et al) 26 April 2005 (26.04.2005), column 1, lines 40-65; column 5, line 55-column 7, line 67; column 26, line 5-column 28, line 35.</td>
<td>1-4, 9, 11, 14-17, 22, and 24</td>
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See patent family annex.

Date of the actual completion of the international search
07 September 2005 (07.09.2005)

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5 NOV 2005

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