Title: MULTI-SPEED RATIO APPARATUS TO CONTROL SHAFT OUTPUT

Abstract: A multi-speed ratio apparatus (24) to control output for use either as a module connected to a transmission (10) or as a stand alone transmission (10).
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
  IPC(7) : F16H 13/08
  US CL. : 475/168, 183, 196; 74/63, 650; 745; 476/18, 36
  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.: 475/168, 183, 196; 74/63, 650; 745; 476/18, 36

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>A</td>
<td>US 6,270,442 B1 (FOLINO et al) 07 August 2001 (07.08.2001), column 12, Fig. 10.</td>
<td>1-56</td>
</tr>
<tr>
<td></td>
<td>Fig. 1C.</td>
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</tr>
</tbody>
</table>

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

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search
20 September 2004 (20.09.2004)

Date of mailing of the international search report
07 OCT 2004

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