Abstract: A gage assembly (10) for measuring a generally cylindrical workpiece (16). The gage assembly includes a support member (30) and a gage block subassembly (18) located opposite of the support member. The subassembly includes a moveable contact located in spaced relation from the support member so as to define a gaging space therebetween. A measuring device (54) is coupled to the contact and a part handling member (12), coupled to an actuator (14), moves the workpiece from a first side of the gaging space to a position where the workpiece is in the gaging space and subsequently to a position where the workpiece is on an opposing side of the gaging space, passing the workpiece between said support member and said gage block subassembly. In its method of operation, the workpiece is dynamically paged by the gage assembly.
**INTERNATIONAL SEARCH REPORT**

### A. CLASSIFICATION OF SUBJECT MATTER

- **IPC(7)**: G01B 3/00
- **US CL**: 33/555.1

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.**: 33/555.1, 549-555, 568

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 Search

### 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 3,554,249 (Vasteras et al.) 12 January 1971 (12.01.1971), Fig. 1.</td>
<td>1-20</td>
</tr>
<tr>
<td>A</td>
<td>US 6,823,604 B2 (Kato), 30 November 2004 (30.11.2004), Fig. 1.</td>
<td>1 and 17</td>
</tr>
<tr>
<td>A</td>
<td>US 3,913,644 (Braun) 21 October 1975 (21.10.1975), Fig. 1.</td>
<td>1 and 17</td>
</tr>
</tbody>
</table>

- * Special categories of cited documents:
  - **"A"** document defining the general state of the art which is not considered to be of particular relevance
  - **"E"** earlier application or patent published on or after the international filing date
  - **"L"** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified)
  - **"O"** document referring to an oral disclosure, use, exhibition or other means
  - **"P"** document published prior to the international filing date but later than the priority date claimed
  - **"T"** later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  - **"X"** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  - **"Y"** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
  - **"&"** document member of the same patent family

- **Date of the actual completion of the international search**

- **Date of mailing of the international search report**
  - 13 OCT 2005

- **Name and mailing address of the ISA/US**
  - Mail Stop PCT, Attn: ISA/US
  - Commissioner for Patents
  - P.O. Box 1450
  - Alexandria, Virginia 22313-1450
  - Fax: (703) 305-3230

- **Authorized officer**
  - Diego Gutierrez

- **Telephone No.**
  - (571) 272-2245

Form PCT/ISA/210 (second sheet) (April 2005)