Title: TRICYCLE WITH WHEELCHAIR PLATFORM

Abstract: A vehicle includes a frame having a front portion and a rear portion, an operator's seat coupled to the frame, a front wheel steeredly coupled to the front portion of the frame, a first rear wheel coupled to the rear portion of the frame, and a second rear wheel coupled to the rear portion of the frame, an engine coupled to the rear portion of the frame and configured to drive the first rear wheel, and a wheelchair platform located at least partially between the first rear wheel and the second rear wheel and configured to accept a wheelchair placed in a position at least partially straddling the engine. The front portion of the frame may be rotatably coupled to the rear portion. The vehicle may further include a body, a lean angle limiting system, and an active lean angle system.
A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B62D 61/06, B62K 5/02 (2010.01)
USPC - 180/210

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)
IPC(8): B62D 61/06, B62K 5/02 (2010.01)
USPC: 180/210

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 180/21, 313; 280/202, 210, 220, 288.4, 304.1, 304.5

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST, Google, Google Patents, Thomson Innovation
Terms: tilt, angle, lean, tricycle, three wheel, vehicle, cam, camming, cammed, calculate, speed, determine, control, motor, wheelchair, engine

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>Y</td>
<td>US 5,305,845 A (Van Dooren) 26 April 1994 (26.04.1994); Figs. 1-7; col 5, In 41-66; col 6, In 39-41</td>
<td>1-20</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,276,480 B1 (Aregger) 21 August 2001 (21.08.2001); Figs. 1-2, 10; col 3, In 27-59; col 4, In 36-54; col 7, In 42 to col 8, In 34; col 8, In 53 to col 9, In 21</td>
<td>1-20</td>
</tr>
<tr>
<td>Y</td>
<td>US 2007/0262656 A1 (Fulks et al.) 15 November 2007 (15.11.2007); para [0057]</td>
<td>13 and 20</td>
</tr>
<tr>
<td>A</td>
<td>US 5,873,589 A (Hallet) 23 February 1999 (23.02.1999); entire document</td>
<td>1-20</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

* 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 but 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 citation 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
22 November 2010 (22.11.2010)

Date of mailing of the international search report
30 Nov 2010

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PCT OSP: 571-272-7774

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