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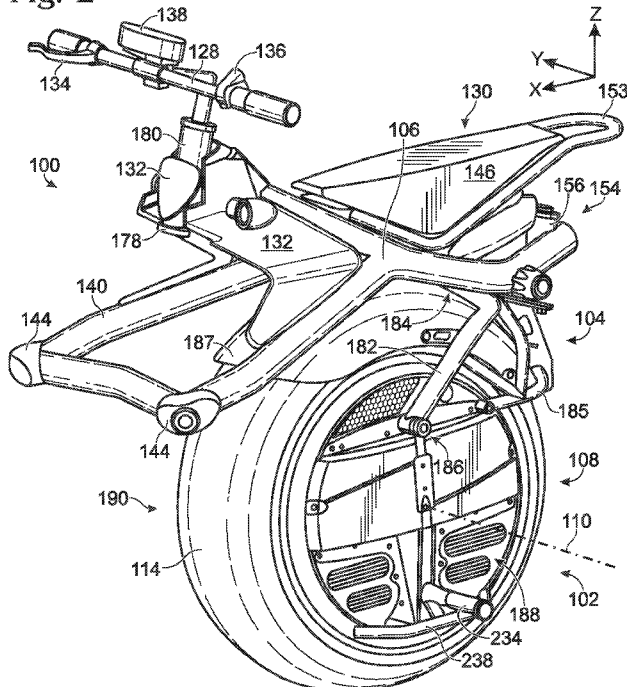
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[Continued on next page]

(54) Title: ELECTRIC-POWERED SELF-BALANCING UNICYCLE

Fig. 2



(57) Abstract: An electric powered self-balancing unicycle may include a single wheel assembly having a drive system substantially contained within the inner circumference of a rim of the wheel, a frame generally oriented perpendicular to the axis of rotation of the wheel, and handlebars including a four-bar linkage mechanism pivotably connected to the wheel assembly by a fork.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B62K 1/00 (2013.01)

USPC - 280/205

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) - B62K 1/00 (2013.01)

USPC - 74/5R; 180/54.1, 65.1, 65.51; 280/47.3, 47.32, 78, 92, 205, 210, 220, 263, 270, 293; 301/5.1; 700/275, 279; 701/22, 82, 124

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CPC - B62K 1/00 (2013.01)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase, Google Scholar

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/0056757 A1 (POLUTNIK) 10 March 2011 (10.03.2011) entire document	1-6, 8-11
Y		7, 23-31
X	US 2011/0191013 A1 (LEESER) 04 August 2011 (04.08.2011) entire document	12, 16, 17
Y	US 2004/0150187 A1 (CHEN) 05 August 2004 (05.08.2004) entire document	7
Y	EP 2 409 905 A1 (VERDURON) 25 January 2012 (25.01.2012) entire document	23-31
Y	US 2011/0220427 A1 (CHEN) 15 September 2011 (15.09.2011) entire document	23-31
A	US 2007/0158117 A1 (ALEXANDER) 12 July 2007 (12.07.2007) entire document	1-31
A	US 3,399,742 A (MALICK) 03 September 1968 (03.09.1968) entire document	1-31

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