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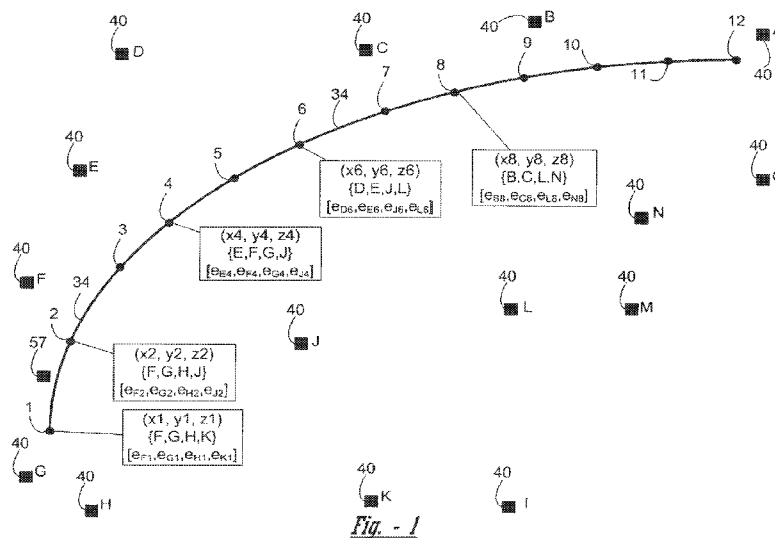


Fig. - 1

(57) Abstract: Techniques and methodologies are disclosed for minimizing inaccuracies in distance measurements and location determinations for autonomous vehicles or targets [57] ranging to beacons [40] in subsets of beacons. Such techniques and methodologies can be used to better control (e.g., navigate) an autonomous vehicle in an area and/or along a pathway, or trajectory [34].

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/084936**A. CLASSIFICATION OF SUBJECT MATTER***G01S 1/02(2006.01)i, G01S 11/06(2006.01)i, G02B 5/00(2006.01)i*

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)

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

KR.JP : classes as above

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

eKIPASS(KIPO internal), IEEEExplore, ScienceDirect & Keyword: "trajectory, waypoint, beacon, tracking"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO2000038460 A (Dunne, Frank) 29 June 2000 See the Abstract, Claim 1, Fig. 3	1-39
A	WO2005011153 A (Kim June Man) 03 February 2005 See the Abstract, Claim 1, Fig. 1	1-39
A	US2005171684 A1 (Turner Paul) 04 August 2005 See the Abstract, Claim 1-9	1-39
A	US06298306 B1 (Suarez; Gustavo G.) 02 October 2001 See the Abstract, Fig. 1-3	1-39

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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