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(54) **Title:** METHOD OF ANNOTATING MAP DATA FOR NAVIGATION OF VEHICLES

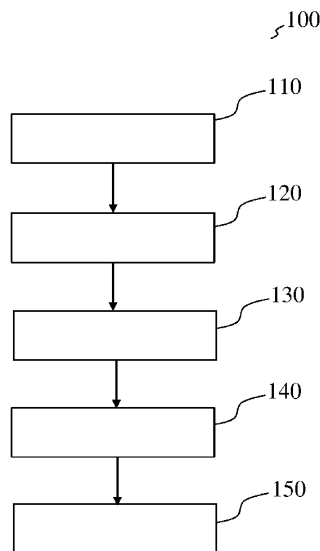


FIG. 1

(57) **Abstract:** A computer implemented method of annotating map data, in particular for navigation of vehicles, the method including: receiving the map data including a graph of a road network including a plurality of vertices and edges; pre-processing the graph to produce a planar graph including a plurality of polygons; grouping the plurality of polygons to form a plurality of geofences, each of the plurality of geofences including a number of POIs which may be within a pre-determined POI range, and each of the plurality of geofences having a road traversal length that may be within a pre-determined length range; storing geofence data of the plurality of geofences in a memory of a computer; and annotating each of the plurality of geofences.

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