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(54) **Title**: METHOD AND APPARATUS FOR PREPARING MAP DATA

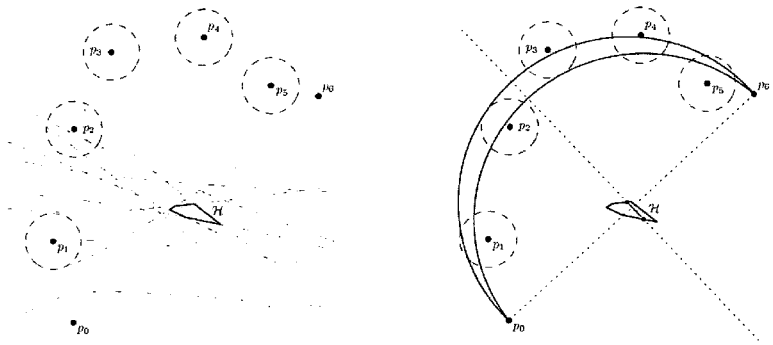


FIG. 7

(57) **Abstract**: This invention relates to a method of using a suitably programmed computer to fit a circular arc to a plurality of points, which form map data representing a feature, comprising determining whether a region, in which a centre of a circle intersecting a first point and a region around at least one mid-point lies, intersects a perpendicular bisector of a line intersecting the first point and a second point. The method is suitable for preparing navigation maps and is applicable to any processing device configured to execute navigation software.

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