

Title of Invention: Method and System for Identifying a Parking Lot Relative to a Point of Interest

Abstract

The present disclosure provides methods and systems for identifying a parking lot relative to a place of interest (POI). In some examples, there is provided a method comprising: detecting, from a plurality of data points, one or more data points that are indicative of a parking action in a parking lot, the plurality of data points representing movement along a route from a starting location to a destination location, each data point indicating a location; associating a first set of one or more of the detected data points with a POI based on a proximity of the indicated location of each of the one or more detected data points relative to a location of the POI, the POI being the starting location or the destination location; associating a second set of one or more of the detected data points with one or more geographical areas in proximity with the POI, the association based on a proximity of the indicated location of each of the one or more detected data points relative to the one or more geographical areas; and identifying the one or more parking lots relative to the POI from the first or second set of detected data points based on a comparison of a number of the first set of detected data points with a threshold.

(Fig. 3)