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(54) Title: ESTIMATING TIME TO PICK UP AND DROP OFF PASSENGERS FOR IMPROVED STOPPING ANALYSIS IN AUTONOMOUS VEHICLES

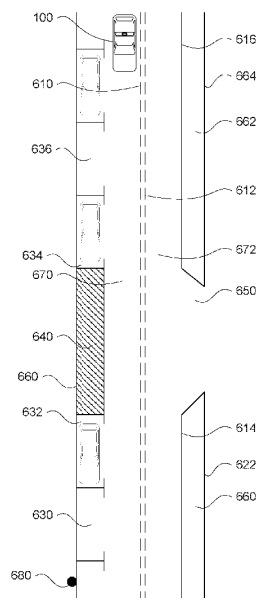


FIGURE 6

(57) Abstract: Aspects of the disclosure provide for stopping a vehicle 100 to pick up or drop off a passenger at a location. An example methods includes maneuvering a vehicle towards the location 680. An amount of time for the passenger to enter or exit a vehicle is estimated. Once the vehicle is a predetermine distance from the location, a set of possible places to stop the vehicle are determined. For each place of the set of possible places, a corresponding threshold value is determined. For each place of the set of possible places, the estimated amount of time is compared to the corresponding threshold value. A particular one of the set of possible places is identified based on the comparisons and the vehicle at the particular one to allow the passenger to enter or exit the vehicle.

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