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- (54) Title: TRANSPORTATION SYSTEM ARRIVAL AND DEPARTURE TIME CALCULATION AND DISPLAY SYSTEM

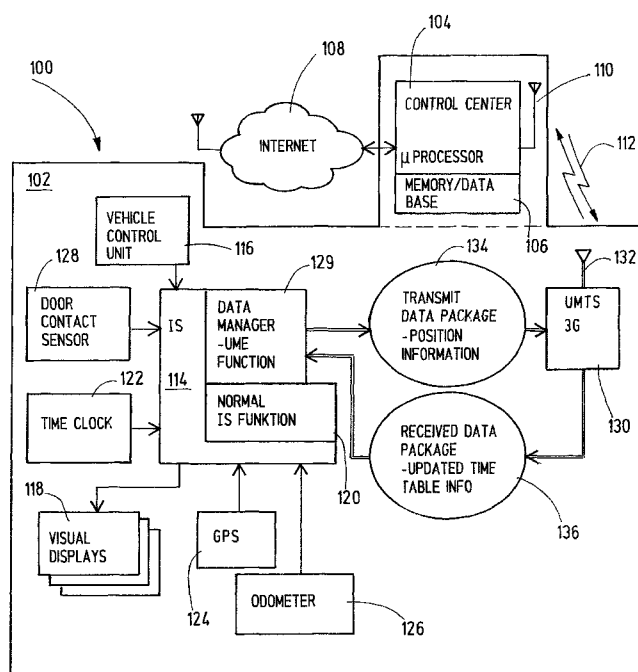


Fig.1

(57) Abstract: A system and method is provided that collects data including transit vehicle arrival and departure data sent from the transit vehicle to a stationary control center. The stationary control center continuously calculates, using the data provided, a medial time table, a medial travel time to a destination on a transit route and a medial travel time between transit stops on the route. The medial values may be calculated differently for different conditions, such as for rush hour, holiday, or certain weather conditions to increase the accuracy of the schedule forecast. Actual position and time information of a transit vehicle may be transmitted via wireless communication from a transit vehicle mounted device to the stationary control center. Such transmission of actual position and time information is transmitted e.g. when the transit vehicle arrives and departs each transit stop on the transit route. The medial values can show on different kinds of displays inside the vehicle, stationary at the stops and via the internet.



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