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(57) Abstract :

The present disclosure relates to fee calculation device to be configured in a vehicle. The device includes a global positioning system. The device is configured to receive, from the global positioning system, a set of first signals pertaining to a location of the vehicle. The location of the vehicle is received at a pre-defined period of time. Identify, based on the set of first signals, if the vehicle has entered a toll road, and the determination is performed by comparing the location of the vehicle with pre-defined geo-fencing of the toll road. Determine, after the vehicle enters the toll road, one or more parameters of the vehicle, and correspondingly generate a set of second signals. The fee is calculated based on the one or more parameters of the vehicle.

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