

SYSTEM FOR COLLECTION OF CARBON DIOXIDE EMISSION DATA FOR VEHICLES AND MAKING RECOMMENDATIONS BASED ON THE EMISSION DATA

ABSTRACT OF THE DISCLOSURE

A method for collecting an estimated carbon dioxide emission data for a trip made by a vehicle having a vehicle engine is disclosed. The method comprises the steps of calculating a route distance traveled by a vehicle between a departure and a destination, estimating a travel time based on the route distance traveled, estimating an idling time of the vehicle while travelling between the departure and the destination, wherein idling time comprises time the vehicle engine is running but the vehicle is not moving, estimating a turnaround time, wherein the turnaround time comprises time that the vehicle engine is running while the vehicle is at the destination. The estimated carbon dioxide emission is the sum of the route distance carbon dioxide emission, the idling time carbon dioxide emission, and the turnaround time carbon dioxide vehicle emission.

FIG. 1 accompanies the Abstract.