

ABSTRACT

TESTING PREDICTIONS FOR AUTONOMOUS VEHICLES

Aspects of the disclosure relate to testing predictions of an autonomous vehicle relating to another vehicle or object in a roadway. For instance, one or more processors 120 may plan to maneuver a first vehicle 100 autonomously to complete an action and predict that a second vehicle 680, 780, 880 will take a responsive action. The first vehicle is maneuvered towards completing the action in a way that would allow the first vehicle to cancel completing the action without causing a collision between the first vehicle and the second vehicle, and in order to indicate to the second vehicle or a driver of the second vehicle that the first vehicle is attempting to complete the action. Thereafter, when the first vehicle is determined to be able to take the action, the action is completed by controlling the first vehicle autonomously using the determination of whether the second vehicle begins to take the particular responsive action.

FIGURE 6