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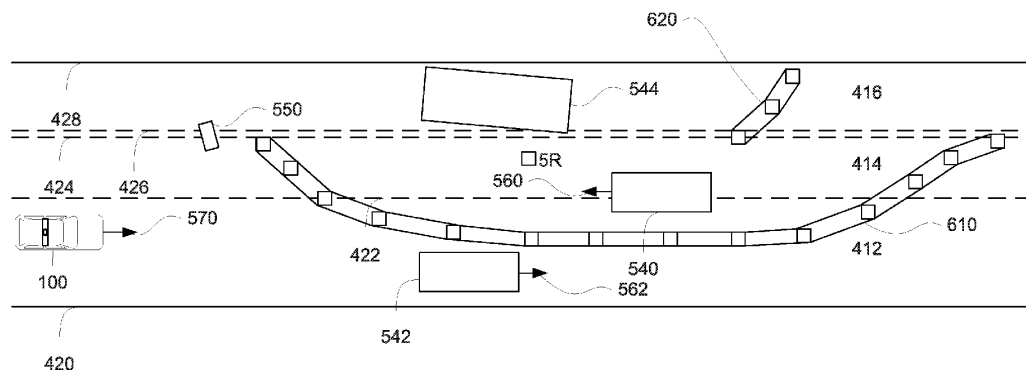
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(54) Title: SEMANTIC OBJECT CLUSTERING FOR AUTONOMOUS VEHICLE DECISION MAKING



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FIGURE 6

(57) Abstract: The technology relates to controlling a vehicle (100) in an autonomous driving mode. For example, sensor data identifying a plurality of objects may be received. Pairs of objects of the plurality of objects may be identified. For each identified pair of objects of the plurality of objects, a similarity value which indicates whether the objects of that identified pair of objects can be responded to by the vehicle as a group may be determined. The objects of one of the identified pairs of objects may be clustered together based on the similarity score. The vehicle may be controlled in the autonomous mode by responding to each object in the cluster (610, 620, 710, 740, 760) in a same way.

[Continued on next page]

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