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(54) Title: ELEVATOR FILL RATE DETERMINATION

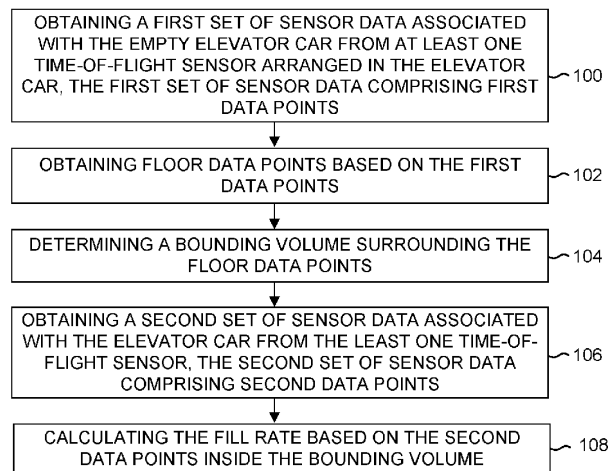


FIG. 1

(57) Abstract: According to an aspect, there is provided a device for determining a fill rate of an elevator car. The device may obtain a first set of sensor data associated with an empty elevator car from at least one time-of-flight sensor arranged in the elevator car, the first set of sensor data comprising first data points; remove data points associated with walls of the elevator car from the first data points to obtain floor data points; determine a bounding volume surrounding the floor data points; obtain a second set of sensor data associated with the elevator car from the least one time-of-flight sensor, the second set of sensor data comprising second data points; and calculate the fill rate of the elevator car at least partly based on the second data points inside the bounding volume.

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