

Abstract

VEHICLE PICK-UP AND DELIVERY DEVICE AND TRACK-BASED
TRANSPORTATION SYSTEM PROVIDED THEREWITH

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A vehicle pick-up and delivery device includes: two mainline tracks including a pair of first guide portions which guide a pair of first guide wheels provided on a vehicle on an outer side of each of the first guide wheels; a pick-up and delivery travel path on which the vehicle is capable of traveling and which is provided between the two mainline tracks and is configured to pick up and deliver the vehicle between the two mainline tracks; a second guide portion which is provided inside the pick-up and delivery travel path and guides a second guide wheel disposed below the vehicle; and a switching unit which is provided on the mainline tracks and is capable of switching a direction of the vehicle between a direction along the mainline tracks and a direction along the pick-up and delivery travel path.

FIGURE 1