

ABSTRACT

Disclosed is a vehicle production system for managing the number of parts loaded on pallets of logistics robots for transporting parts to multiple work spots of a smart factory, respectively, the vehicle production system comprising: a setting unit for setting the number of parts loaded on each pallet, determining the number of parts loaded on each pallet to be the maximum number of parts that can be loaded on each pallet, or a prime number smaller than same, and generating multiple combinations of the number of parts loaded on each pallet, and an analysis unit for selecting an alternative combination among the multiple combinations generated by the setting unit through a transportation simulation of logistics robots.

FIG.3