

ABSTRACT

LIFTING VEHICLE FRAME, AERIAL TRANSPORTATION VEHICLE AND AERIAL RAIL CONTAINER TRANSPORTATION METHOD

The disclosure relates to a lifting vehicle frame and an aerial transportation vehicle. The aerial transportation vehicle includes a lifting vehicle frame, which includes an upper vehicle frame (1), a lower vehicle frame (2), a lifting assembly (a) and a locking device (b), wherein the upper vehicle frame (1) and the lower vehicle frame (2) are connected through the lifting assembly (a); at least two lifting assemblies (a) are provided opposite to each other in a first direction; the lower vehicle frame (2) and the upper vehicle frame (1) can move close to or apart from each other by operating the at least two lifting assemblies (a); the locking device (b) is disposed on the lower vehicle frame (2); when the lower vehicle frame (2) and the upper vehicle frame (1) move close to each other, the lower vehicle frame (2) and the upper vehicle frame (1) are locked together by operating the locking device (b). The aerial transportation vehicle of the disclosure can achieve connection and assembly with a container by its own devices, which is simple in operation, and has high automatic level and good practicability.

Figure 1