Claims

1. Car transport unit (100) for a car (104) of a passenger transport system, wherein the car transport unit (100) comprises the car (104), a shaft segment (106) of the passenger transport system, and a plurality of detachable transport devices (102), wherein the car (104) is arranged in the shaft segment (106) and is connected to the shaft segment (106) in a safe-to-transport manner using the transport devices (102),
characterized in that,
each of the transport devices (102) has a car side, a shaft side, and an intermediate part (200), adjustable in length, between the car side and the shaft side, wherein the car side has at least one contact surface (120) for placing against the car (104), and the shaft side has at least one contact surface (120) for placing against a shaft segment (106) of the passenger transport system.

2. Car transport unit (100) according to claim 1, wherein a weight of the car (104) is supported by the transport devices (102).

3. Car transport unit (100) according to one of the preceding claims, wherein the transport devices (102) are spread between the shaft segment (106) and the car (104).

4. Car transport unit (100) according to one of the preceding claims, wherein the transport devices (102) are suspended on the shaft segment (106) and/or the car (104).

5. Car transport unit (100) according to one of the preceding claims, wherein attachment points for lifting the car transport unit (100) are arranged on the transport devices (102).

6. Car transport unit (100) according to one of the preceding claims, wherein the intermediate part (200) adjustable in length has a length-adjustable screw connection (200) in order to be able to vary a distance between the contact surface (120) of the car side and the contact surface (120) of the shaft side.

7. Car transport unit (100) according to one of the preceding claims, wherein the transport devices (102) are arranged between edges (110) of the car (104) and corners (112) of the shaft segment (106).

8. Car transport unit (100) according to one of the preceding claims, wherein the transport devices (102) are arranged in pairs on diametrically-opposed sides of the car (104).

9. Car transport unit (100) according to one of the preceding claims, wherein the car transport unit (100) has a bottommost shaft segment (106) of the passenger transport system.

10. Method for producing a shaft of a passenger transport system, wherein a car transport unit (100) according to one of claims 1 through 10 is placed on a foundation of the shaft, wherein at least one further shaft segment is placed on the shaft segment (106) to erect the shaft above the car (104).

11. Method according to claim 10, wherein the transport devices (102) are removed before the further shaft segment is placed on top.